

# SHORTWAVE BULLETIN

Issue no. 1767, March 17, 2013.

Deadline e-mail next issue:

0900 UTC, March 31, 2013.

Bulletinen blir lite försenad och kanske ett och annat fel smyger sig in. Denna helg hade vi bokat in ett besök hos dottern som bor i Kungliga huvudstaden och vi kom hem sent på söndagskvällen.

Det innebär att en stor del av redigeringsarbetet inte hanns med innan vi åkte.

Den gångna perioden har bjudit på spridda skurar. En del Papua har gått ganska bra på kvällskvisten. Bl a har 3345 R Northern varit väldigt stark flera kvällar.

Några frekvenser som är intressanta är 6010 och 6055. På 6010 är det en hel dröse stationer som hörs och det hade varit bra att kunna fastställa vilka som ligger lite off. Även 6055 har nog något att bjuda på när signalstyrkorna kommer upp över brusnivån.

Det verkar som de flesta svenska medlemmarna helt har slutat att lyssna på KV. Vi behöver några fler som skickar över en liten logg då och då som motvikt till alla aktiva overseas.

Keep on ....

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## SWB-info

SWB online på HCDX:

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

SWB member information:

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

SWB anniversary issue:

[http://www.hard-core-dx.com/swb/SWB\\_history.pdf](http://www.hard-core-dx.com/swb/SWB_history.pdf)

Dateline Bogotá 1993-1998:

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

SWB latest issue:

<http://www.thomasn.sverige.net/password.htm>

## QSL, kommentarer, mm.

**Tim Rahto:** My name is Tim Rahto, callsign W10H, and I respectfully request membership in the Hard-Core-DX Shortwave Bulletin.

I discovered shortwave as a young child when my brother sat me in front of his Sony Earth Orbiter, and I've been fascinated by HF ever since. My current QTH is a nice, electrically quiet small town in Iowa, a very pleasant change compared to the 20 years I lived in S7 noise level Baltimore! I'm currently using a 65' sloping longwire as my primary antenna, which works surprisingly well. I plan on coming home from the Dayton hamfest with a K9AY loop though to give me some directionality on the low bands. I have a lot of receivers to choose from, but my current favorites are my JRC NRD-525, Drake R8, and the Bonito 1102s RadioJet. The radioJet is my first foray into the realm of the SDR, and so far its been an interesting experiment if nothing else. I just sent my Watkins Johnson 8718A in for some much needed repairs and restoration, and I can't wait to get it back.

While I listen to a wide variety of shortwave programs (I'm a big fan of Radio Australia's Saturday Night Country), my two listening passions are North American pirates and South Pacific/Southeast Asian DX. I particularly enjoy chasing after the Australian domestic outlets VL8A, VL8K, and VL8T. Other favorite targets include T8WH Palau, and Papua New Guinea on 3205, 3360, North Korean broadcasts in English, and Mongolia.

I hope to contribute to your publication when I can, but I know I have a lot to learn from the input of other more experienced DXers. While I appreciate the eagerness of new shortwave listeners and their desire to contribute to places like Cumbre and others, they are not very helpful when looking for real DX. I know HCDX can help fill that void.

*(Tim, you are very welcome to SWB. I hope you will enjoy the publication and we hope to get a few logs now and then. /Thomas)*

**Ullmar Qvick:** Intressant med den starka övertönen från Radio Belarus 1170x2 kHz. Jag skrev ett meddelande till teknikerna i Sasnovoye, Larisa Suarez som är min personliga vän på radion har översatt det från engelska till ryska och skickat idag med sin direktion välsignelse till teknikerna. Vi får väl se vad det leder till. Jag har också uppmanat Radio Belarus att ha en repris av engelska sändningen nästa dag 0900-1100 på 11730 kHz, då hörbarheten kvällstid är mycket dålig i regel. Hur det går med det förslaget är oklart.

QSL har kommit från **CRI för 15440, 9795, 9435, 7255 och 17505 kHz**, alla med kort, **TWR India 6115 kHz** via Novosibirsk trevligt e-kort och brev, **RFA Tinian 5855 kHz** nya Drakens år-kortet och **Radio Belarus 11730 kHz** kort.

Bäst att meddela detta nu, jag är mästare i att glömma SWB deadline!

Vill bara tipsa er om Radio Belarus på webben <http://www.radiobelarus.tvr.by/live/br.asx> där Larisa i "Letters to editor" tar upp frågan om övertönen från 1170 kHz. Sent meddelat men jag tar chansen... annars går det sista gången i radion på 6155 kHz, kl 22.20 samt på 1170 kHz MV, men mycket svårhört i regel. 73, Ullmar

**Anker Petersen:** Dear DX-friends, while the snow again is falling here in Skovlunde, I send you a few tips heard on my Bonito RadioJet 1102S and AOR AR7030PLUS both with 28 metres antennas.  
After I finished my review of the RadioJet, I am busy with editing the next edition of the Domestic Broadcasting Survey, so no time for much DX-ing.

**Christer Brunström:** CVC La Voz 17680 special-QSL från sista veckans sändningar från Calera de Tango i Chile. Bilder från stationen samt den numera arbetslösa personalen. Chefen där var ju till och med svensk. **WEWN 15610 kHz** svarade med kort. Stationen har haft väldigt många inslag om påvevalet på senare tid.

## Log

(UTC)

2368.48	Mar17	1310	Radio Symban, 1310-1403. Mostly easy listening music and songs (non-descriptive – did not particularly sound like the distinctive Pacific songs recently heard); after 1351 mostly talking in assume Pacific vernacular; poor; reception was best before my local sunrise (1414) (Ron Howard, Asilomar State Beach, CA)
2850	Mar17	1000	Korean Central Broadcasting 1000 to 1030 with audio on 17 March (Wilkner & XM)
3204,9	Mar9	1140	Radio Sandaun West Sepik 1140 to 1145 beautiful choral music, very good signal, some talk by om annor 9 March (XM)
3205	Mar12	1246	Music on very poor signal, but the only 90m PNG frequency with anything (except 3325 probably Indonesia instead). Have all the others signed off by now? 3205 is presumably NBC Sandaun West Sepik, Vanimo. Ron Howard reported this one reactivated Feb 28 (Glenn Hauser, OK)
3259,985	Mar13	*1859-	NBC Madang with sign on at this time. Seems to be very regular with sign on times. TN
3260	Mar17	-1212*	NBC Madang on March 17 suddenly off in mid-song at 1212. (Ron Howard, Asilomar State Beach, CA)
3325	Mar12	1423	RRI Palangkaraya, 1423, March 12. Especially good with item about the “Indonesia Expo”; 1430 series of local IDs; only very light QRM from Korea on 3320. (Ron Howard, Asilomar State Beach, CA, USA)
3329,5	Mar15	1005	Ondas del Huallaga, Huánuco 1005 to 1030 using the notch on the R7, om chat difficult signal in Florida. Alas there every day same time. 15 March (Wilkner)
3345,03	Mar4	1140	NBC Northern, the Voice of Oro, heard again from 1140 to 1224 (March 4) with relay of “NBC National Radio, the Voice of Papua New Guinea” audio feed; frequent IDs as such and no local IDs heard; series of advertisements (BSP - Bank of South Pacific) and Public Service Announcements; 1204: “From 1973 to 2013, NBC National Radio marks forty years of service to the people of Papua New Guinea - 90.7 FM” followed by bird call and news; then program of pop hit songs in English (Tina Turner with “It Takes Two”, etc.); this was the strongest station of all the NBC stations today. Happened to note NBC Madang on 3260 was also carrying the NBC National Radio audio feed and in // before suddenly going off the air (as usual) at 1211 (Ron Howard, Asilomar State Beach, CA, USA, Etón E1)
3345,03	Mar7	-1744*	NBC R Northern very strong with a sudden sign off at 1744. // 3365 but weaker here. Also noted very strong on March 4 at 1900. On March 9 heard again // 3365. The transmitter was switched off at 1754 while 3365 continued. TN
3364,990	Mar13	1815	R Milne Bay already here at this time. Has been // to 3345 lately. TN
3380,87	Mar12	1020	Unid 1020 to 1040 Not Radio Centro 12 March. (Wilkner)
3905	Mar10	*1843-	NBC New Ireland with sign on at this time, Often quite strong but irregular. TN
3905	Mar17	1213	NBC New Ireland, 1213-1303, March 17 Strongest NBC station heard; DJ in Tok Pisin with phone calls and pop songs; many time checks (off by 2-3 minutes!); 1231 PSAs (“HIV testing”, etc.); IDs; “Sunday night, NBC New Ireland”. Seemed appropriate to listen to this on St. Patrick’s Day! Was named “New Ireland” while under Australian control. Formerly was New Mecklenburg during colonization by Germans (Ron Howard, Asilomar State Beach, CA)
3925	Mar8	1140	Japan Radio Nikkei, Nemuro 1140 to 1200 yl in Japanese under ARO interference 8 March (XM)
3945	Mar8	*1822-	Tent R Vanuatu noted several times with sign on exactly at this time. Unfortunately very low audio so not possible to get any details. TN
3945	Mar3	1051	Radio Vanuatu finally heard March 3 with above threshold level audio; 1051 with DJ playing pop hit songs in English; 1119 distinctive sound of a conch shell horn followed by

			assume sign off announcement till off at 1122*, with no National Anthem; weak at best, but still pleased to hear any audio at all (Ron Howard, Asilomar State Beach, CA)
3990	Mar12	2300	Gannan PBS, Tianshui Chinese female talk 22222 QRM HCJB 3995, // 5970 (35333) AP-DNK
3990	Mar12	*2310-	Xinjiang PBS, Urumqi Uighur ann, Chinese song, talk 55444 // 4980 (from *2313 with 45333) 6120 (44434) and 7205 (32332) AP-DNK
4055	Mar3	1201	I check R. Verdaz, which signs on much later Sunday mornings; used to be circa 1255, too late to get much here, but now on the frequency I am hearing 6 notes repeated every 13 seconds, four ascending and then one higher, and repeated prolonged, C-D-E-F-A-A in the C5+ range ending at 880 Hz; an IS I had not heard before, as I don't catch them at sign-on time since I discovered TGAV 13 years ago. Recording: <a href="http://www.w4uvh.net/TGAVis.rm">http://www.w4uvh.net/TGAVis.rm</a> . Soon after I stopped the tape, at 1204.5 the NA started, which we know runs 4-5 minutes at sign off after 0600, so I moved on until recheck at 1213 with programming in progress (Glenn Hauser, OK)
4319 U	Mar17	1404	AFN. Briefly noted in the clear with pop songs and no QRM (unusual). (Ron Howard, Asilomar State Beach, CA)
4699,945	Mar10	0300	R San Miguel noted here not that strong but a good ID was heard. TN
4700	Mar1	0313	Voice of Broad Masses, 0313, March 1. Thanks to Wolfy for initially pointing this one out to me; HOA music; // 7185; both unjammed (Ron Howard, Asilomar State Beach, CA, Etón E1)
4700,010	Mar10	*0356-	Voice of Broad Masses. HOA sounding station noted here weak on March 9. As I haven't noticed that Voice of Broad Masses has been heard here, I sent a quite weak recording from March 9 to Glenn Hauser and to Henrik Klemetz and also published the recording one day later on REALDX. Jarmo Savolainen suggested a HOA station and pointed out that Voice of Broad Masses has been heard here. On a following the recording from March 10 I found a // frequency, 5670 with strong signal and also found a good ID. Both Henrik and Jarmo has confirmed this one. Thanks a lot all of you for helping out finding the solution. TN
4716,6	Mar16	1030	Radio Yatun Ayllu Yura, Yura noted from 1030 to 1045, last to sign on usually with 4699.9 Radio San Miguel and Radio Lipez much earlier. 16 March, also 14 and 15 March (Wilkner-MR-XM)
4749,96	Mar12	1237	RRI Makassar, 1237, Tuesday, March 12. In Bahasa Indonesia with introduction to the KGI (Kang Guru Indonesia) program and mention of the Indonesia Australia Language Foundation; then into English lesson; China QRM. (Ron Howard, Asilomar State Beach, CA, USA)
4750-	Mar12	1249	deliberate talk, spelling, think it's the `Kang Guru Indonesia` weekly Australian English lesson from RRI Makassar. Also songs at 1250 and 1259-1301 which could have passed for S Asian = Bangladesh, but this one is slightly on the low side; 1301 announcement. Ron Howard has reported KGI around this time on Tuesdays (Glenn Hauser, OK)
4750.00	Mar18	1213	Bangladesh Betar – Home Service from 1213 to 1300 (March 18-Monday). Heard again after an absence of over two weeks; reciting from the Qur'an; subcontinent music; 1236 start of the news in English, so assume the Monday weekly SAARC news bulletin; only able to make out a few words due to RRI QRM; IDing this based solely on program content that I have heard many times before in the past; RRI Makassar just too strong to dig out a spoken ID; no CNR1 QRM (Ron Howard, Asilomar State Beach, CA, USA)
4750	Mar9	1200	Bangladesh Betar 1200 to 1210 two om with news or commentary in English 9 march (XM)
4754,9	Mar16	0845	Radio Imaculada Conceição, Campo Grande, MS 0845 to 0910 locutor em português, strong signal using the new Drake R7. Forgotten the excellent audio of this now vintage radio. 16 March (Wilkner)
4755+	Mar3	1156	I am unfortunately awake, so a good time to check the carrier cutoff of PMA The Cross, not much modulation making it: 1159:40*. This compares to 1159:43* as reported by Dave Valko on Feb 22, and by Harold Frogde on Feb 24, while Ron Howard also heard it Feb 24 until 1159:40*. Perhaps there is a margin of error. I was wondering whether it would slide a few seconds per day earlier or later, like R Chaski, Perú, 5980 slides 5 seconds later (Glenn Hauser, OK)
4789	Mar12	0825	Radio Visión Chiclayo 0825 off the air, speculation that they operate 24 hours a day may be incorrect. ~ 0900 noted. 12 March (Wilkner)
4789,94	Mar11	1230	RRI Fak Fak on 4789.94 not heard March 11 when checking after 1230. Atsunori indicates 1200*; a much earlier sign off than yesterday. (Ron Howard, Asilomar State Beach, CA, USA)
4789,972	Mar10	2125	RRI Fak Fak also noted here in Engelholm after seeing Ron Howard's log. Weak but clear signal. TN
4789,98v	Mar12	1130	RRI Fak Fak, random listening from 1130 to 1405, March 12. Per Atsunori 1419*;

interesting to note he heard the KGI program here at 1100 (Tue.). Reception would have been fair, except for the strong CODAR QRM; audio seemed a little mushy, but hard to determine audio quality with the heavy QRM. Seemed to have a slight drift in frequency; again hard to tie down with the QRM. Played a lot of hit songs (Elton John, Celine Dion, etc.) and many phone calls. (Ron Howard, Asilomar State Beach, CA, USA)

4795,87	Mar16	0900	Radio Lipez, Uyuni noted on as early as 0900 on 16 March. Was broadcasting last March and left the air after a week so. If in need of QSL the time may be now. Steady signal in Florida (Wilkner-MR-XM)
4800	Mar10	1855	AIR Hyderabad extended schedule (past 1740*) carrying live broadcast in regional language "telegu" on the occasion of hindu religious festival "Shivaratri", talk and at times songs without music 35343 From *1957 QRM from stronger Voice of China AP-DNK
4805	Mar12	1005	Radio Difusora do Amazonas, Manaus 1005 to 1015 noted with locutor em português and unusually strong signal 12 March (Wilkner)
4810	Mar12	0925	Radio Logos, Chazuta, Tarapoto 0925 to 1117, beautiful flauta Andina with incredibly strong signal from 1045 to 1105 drowning out CODAR totally -555- then quickly into fade out flutter by 1117. 12 March (Wilkner)
4824,95	Mar14	0158	R Educadora de Braganca heard with a clear ID at 0158z. Decent signal. TN
4824,96A	Mar14	0051	UNID. Portuguese sounds like preacher, could be Davi Miranda, poor signal with flutter, but no sign of a het on hi or lo side from Peruvians. Presumed R. Canção Nova, Cachoeira Paulista SP (Glenn Hauser, OK)
4826,5	Mar16	0845	Radio Sicuani, Sicuani, Cusco 0845 with om chat, first Peruvian as usual 16 March (Wilkner)
4834,68	Mar10	0000	unid 0000 to 0100, some weak audio with narrow filter lsb 10 March and same time 11 March (Wilkner & XM)
4835	Mar2	1034	ABC VL8A - Alice Springs, 1034, March 2 with live coverage of the end of the NTFL match between the Crocs and the Eagles; post game interviews; good reception (Ron Howard, Asilomar State Beach, CA, Etón E1)
4835	Mar10	0000	Ondas del Suroriente, Quillabamba 0000 to 0035 en espanol 10 March (Wilkner & XM)
4837,00	Mar13	1321	AIR Gangtok (presumed), 1321, March 13. With the absence of ABC Alice Spring (which had been heard an hour earlier) was able to hear what I believe was AIR being off frequency and just hovering above threshold level; nothing at all on 4835.00 (Ron Howard, Asilomar State Beach, CA, Etón E1, dxldyg via DX LISTENING DIGEST)
4869,931	Mar10	2135	A weak Asian carrier noted here, most likely from RRI Wamena. But unfortunately too weak to retrieve any audio. TN
4876,2	Mar12	0906	Rdif Roraima, Boa Vista RR 0906 to 0930 om in Portuguese into Brasil ballads very strong signal 12 March (Wilkner)
4900	Mar14	*1300-	Tanshim' Korean Numbers Station V24, *1300, March 14. Open carrier noted at 1254; 1300 on with classical music and then into numbers in Korean; fair. More information at: <a href="https://groups.google.com/forum/?fromgroups#!topic/shortwave-listener-qsl-reports/Weeh8x6nQMU">https://groups.google.com/forum/?fromgroups#!topic/shortwave-listener-qsl-reports/Weeh8x6nQMU</a> <a href="https://www.box.com/s/tbnlfuvd9sngymyc4whf">https://www.box.com/s/tbnlfuvd9sngymyc4whf</a> MP3 recording of the start of today's broadcast. (Ron Howard)
4910	Mar12	-0830*	VL8T Tennant Creek 0820 to 0830* with om chat, audio improving as Southern Hemisphere moves toward fall 12 March (Wilkner)
4940	Mar15	0054	Radio San Antonio de Atalaya at 0054 in well here. yl vocalist at the moment. (Wilkner)
4940	Mar9	1145	Voice of the Strait, Fuzhou 1145 to 1200 strong signal, commentary by yl enjoyable Chinese ballads 9 March (XM)
4960.07	Mar17	1413	VOR via Dushanbe-TJK, 1413, March 17. In English; // 6235 also via Dushanbe-TJK and // 7260 VOR via Vladivostok (Ron Howard, Asilomar State Beach, CA)
4965,1	Mar12	0900	Radio Alvorada, Parintins 0900 to 0930 om portuguese good signal 12 March (Wilkner)
4974.68	Mar17	2325	<u>Unid</u> 2325 to 0000 solid carrier but poor audio on 17 March (Wilkner -XM)
4974.94	Mar17	2330	<u>Unid</u> 2330 to 0000 carrier but poor to fair audio on 17 March (Wilkner -XM) also noted in Vero Beach Other dxers contacted reported high band noise. (Rbert Wilkner)
4974,92	Mar12	0907	<u>Unid.</u> 0907 to 1000 om en espanol with some music on 12 March (Wilkner & XM)
4975	Mar12	0900	Radio Nossa Voz, 0900 to 0940 locutor em português , período de música do Brasil. -12 March (Wilkner)
4985 t	Mar7	1000	Radio Brasil Central, Goainia noted 1000 to 1015 on 7 March. Usually weak in the morning covered by rtty 2300 to 0100. Speculation rtty may be local (Wilkner)
4990	Mar14	1423	AIR Itanagar on 4990 from 1415 till end of audio 1423 (March 14). News in Hindi; 1420 local ID and news in English till audio ended at 1423; open carrier still on at 1428 tune out. Normally they wait till the end of the news in English at 1425 before cutting off the audio. Is a shame they do that, as the transmitter usually continues on and they could just as easily broadcast the audio as not! (Ron Howard, Calif., USA)

4990	Mar10	0000	Radio Apintie, Paramaribo, 0000 to 0035 with Dutch 10 March; 0846 to 0959; om into sound effects, yl and om together, occasional ute on top, Tnx Mark Coady log 12 March (Wilkner)
5019,9	Mar16	0910	SIBC 0910 - 0930 with Havana powered down 16 March (Wilkner)
5024,90	Mar16		Carrier with Havana powered down, never going to hear Peru so close to Havana (Wilkner)
5050	Mar2	*1127-	AIR Aizawl, *1127, March 2. Reactivated yet again after being off for a short while; 1117 noted underneath Guangxi Beibu Bay Radio (BBR) with test tone signal till on with AIR IS; not heard March 3; erratic. Another possible challenge for the anticipated re-activation of Ozy Radio (Ron Howard, Asilomar State Beach, CA, Etón E1)
5039, 22	Mar12	1000	Radio Libertad de Junín, Junín noted on at 1000, om espanol good signal (Wilkner)
5460	Mar4	0000	Radio Bolivar Cd. Bolivar 0000 to 0020 with music 4 March (Wilkner & XM)
5765U	Mar2	0959	AFN, 0959, March 2. Promo for "AFN Wednesday"; into the Bill O'Reilly "Talking Points" show; fair (Ron Howard, Asilomar State Beach, CA, Etón E1)
5765u	Mar16	0910	Guam AFN Barrigada 0910 to 0913 discussion touching of sentencing guidelines. 16 March (Wilkner)
5955	Mar11	1030	The Mighty KBC, via Nauen Test in English and Dutch, ID: "We are the Mighty KBC, pop songs in English 55555 AP-DNK
5980	16.3	-0102*	R Chaski c/d earlier now (used to be around 0106-07). TK
5980,0	Mar16	0046	music audible, maybe mixing with something, splash from 5990 CUBA. Retune at 0100 as 5990 is going off, too poor to copy much on 5980, but with BFO I time the R. Chaski cutoff tonight at 0100:52* which is 4 sex later than last night (Glenn Hauser, OK)
5980	Mar15	0000	Unid -while looking for - Radio Chaski, Urubamba, Cusco 0000 to 0010 om en espanol weak 15 March (Wilkner)
5980,02	Mar12	2250	R Chaski, Urubamba (p) Spanish talk 25131. From *2300 QRM from BBC World Sce in English. AP-DNK
6009,975	Mar14	0622	Tent XEOI Radio Mil with weak signal and mx noted here. Also disturbing stations noted on 6010,05 and 6010,091 at the same time. TN
6010	Mar13	0104	pileup of probably four stations, Brasil, Colombia, Radio Mil XEOI, and --- VRIIran is probably the one on top of the rumble, Spanish talking to someone ``en línea`` --- I know VIRI does a lot of phone interviews in English, anyway, especially any American who can be induced to criticise US policy. Henceforth one must rule Iran in or out on 6010 by comparing to // 7420. At least we can anticipate the departure of Iran from 6010 in A-13 for a higher band (Glenn Hauser, OK)
6010	Mar18	1227	XEOI is fair and readable with no QRM, news about the explosion in a Mexican Jesus-town, something on El Salvador. About the best time of day to hear R. Mil here, before sunrise which today was 1238 UT, heading for, of course, 1232 on the Equinox. (Glenn Hauser, OK)
6010	Mar16	1000	Radio Mil, México City 1000 with music, good signal 6k filter on R7. Tried for // on 1000 kHz but never was certain. 16 March (Wilkner)
6010,045	Mar15	0400	Tent. La Voz de tu Consciencia with a religious px noted here. No ID given during a long time. TN
6010,091	Mar9	0400	R Inconfidencia very strong here with a nice ID. TN
6054,48	Mar13	2100	A weak carrier noted here for about half an hour. Also on 6055,0 a carrier (maybe R Nikkei?) is noted very often but always very weak. R Juan 23 was heard in Argentina (a YouTube clip) on 6054-6055 lately, but no definite frequency given in the clip. This frequency needs more investigation. See screenshot from my Perseus below. TN
6055	Mar17	0256	R Rwanda tent. heavy self-imposed echo on enthusiastic unknown language talk, presumably RRR which has been widely reported in NAM at this hour (Glenn Hauser, OK)
6055,004	Mar9	-2100*	R Rwanda with sign off at this time. Strong. The transmitter is switched off half a minute later. TN
6095	Mar11	-1100*	Transport Radio, via Wertachtal Test in Dutch for Netherlands and Flemish Chauffeurs in Europe, talk and pop songs in English 55544 AP-DNK
6101,12	Mar16	1347	KCBS still off-frequency and about to fade out, as evidenced by nothing but the het it makes. This time compared to my keyboard, it's closest to D#6/Eb6 = 1245 Hz. Perhaps more remarkable is that something else on 6100.0 is still cooperatively propagating, which per HFCC can only be CRI in Mongolian, 100 kW due east from Urumqi --- altho Aoki offers another: 500 watts from R. Rossii, Kyzyl, which must be getting creamed in its region. I wonder if the Juche are by mistake running another, new transmitter on 6100 without deleting the old one off-channel? (Glenn Hauser, OK)
6135,00	Mar14	1659:30	Tent. R Madagasikara, Malagasy still on, in the clear to 1700:11 off, presumed. (Martien Groot, via DXLD)

Hi Martien, Thanks for your recent observations! March 14 finally had a chance to check out their new extended schedule running well past their former 1500 sign off time; today heard with no jamming of Shiokaze that often runs past 1430; heavy adjacent QRM, but certainly no mistake, was the correct language for Radio Madagasikara. Noted from 1447 to 1535. Checked to see if anything special was going on in Madagascar. Found that Cyclone Haruna had crossed the southern part of the country in late February. Perhaps why the extended schedule? <http://reliefweb.int/report/madagascar/tropical-cyclone-haruna-situation-report-no-4-7-march-2013> (Ron Howard via DXLD)

6135,00	Mar15	0246:09	R Madagasikara, sizeable carrier came on, completely in the clear as R Santa Cruz had already closed early. No definite audio though, bothered by BBC on 6140 at 0259, presumed. (Martien Groot via DXLD)
6164,954	Mar11	2215	R Tchad quite strong here but disturbed by a Chinese with nice mx // 9730. TN
7324,95	Mar12	1408	Wantok Radio Light, 1408-1420, March 12. Tuned away from Fak Fak to check on this; yes, still heard during their half an hour window of QRM-free reception; religious music and songs; 1417 one brief ID (Ron Howard, Asilomar State Beach, CA, USA)
7375	Mar10	0000	The Mighty KBC with a great signal at 0000 UTC on 7375 KHz with old school AM-style music and announcements It reminded me of Radio Luxembourg back in the 80's. I responded to the DJ's request to send an e-mail about reception, and he responded personally a few minutes later. 10 March (Ken Walters)
9525,9	Mar12	1435	Voice of Indonesia, 1435, March 12. Very strong and no QRM; beautiful signal and audio! (Ron Howard, Asilomar State Beach, CA, USA)
9680,05	Mar2	1007	RRI Jakarta, 1007, March 2. In Bahasa Indonesia with program promo and ID; fair to good (pre-jamming reception!). <a href="https://www.box.com/s/ow2mhtceahm9u14lncs9">https://www.box.com/s/ow2mhtceahm9u14lncs9</a> MP3 audio (Ron Howard, Asilomar State Beach, CA, Etón E1)
11600	Mar11	1205	Radio Free Sarawak via Sri Lanka (per Ivo Ivanov), 1205, March 11. Continuing to provide detailed updated info on the military conflict in Sabah. March 10 with 1257*. March 6 at 1213 with nice ID and mentions of "Fighter jets" and "General Zulkifeli Mohammad Zin". MP3 audio at <a href="https://www.box.com/s/oa1zovrpzwr5vh16gfh">https://www.box.com/s/oa1zovrpzwr5vh16gfh</a> (Ron Howard, Asilomar State Beach, CA, USA)
13820	Mar1	-1358*	R 700, Kall-Krekel (1 kW) test with German ann, pop music in German, English and French, like "Pretty Woman", "Island in the Sun with Harry Belafonte, 1336, 1350 and 1355 ID's: "Radio Sieben Hundert" 45344 AP-DNK

- All night session thanks to allergic bronchitis -  
Monday 18 March 2013 - Logs by time, Tip of the Hat to Mark Coady  
All logs using Drake R7 except 171 Morocco using NRD535D

-Band scan -

4826.5	Perú, Radio Sicuani, Sicuani, Cusco	0230 to 0245. (Wilkner)
4876.7	Brasil Rdif Roraima, Boa Vista RR	0245 (Wilkner)
4974.9	Unid	0630 to 0645- no second signal (Wilkner)
4885	Brasil Radio Clube do Pará, Belém, PA	0650 Brasil pops good signal (Wilkner)
4789.9	Perú Radio Visión Chiclayo	0650 (Wilkner)
6059.9	Tentative Brasil Super R Deus e Amor, Curitiba	0655 - 0659 in Portuguese, signal killed by Cuba sign on at 0700 with strong signal (Wilkner)
8828u	Hawaii Volmet "This is for all stations .."	0707 (Wilkner)
6154.9	Bolivia, Radio Fides, La Paz	0710 (Wilkner)
4910	Australia, VL8T Tennant Creek	0810 to 0825 poor to fair with some audio at 0825 (Wilkner)
4915	Brasil, Radiodifusora Macapá, Macapá, AP	- 0820 to 0835 one quick mention of Macapá, good signal (Wilkner)
4835	Australia, VL8A Alice Springs, NT	0835 to 0840 (Wilkner)
4795.8	Bolivia Radio Lipez, Uyuni	0836 to 0840 (Wilkner)
4799.9	Bolivia, Radio San Miguel, Riberalta	0903 with music, vocalist to 0915 (Wilkner)
4810	Perú Radio Logos, Chazuta, Tarapoto	0915 - 0920 - time check".. cinco y ..minutos "(Wilkner)
4965	tent Brasil Radio Alvorada, Parintins	0910 to 0918 in Portuguese (Wilkner)

0920 zzz Crashed on the couch.

Thanks go to Peet's Coffee, House Blend, Whole Bean. :-)

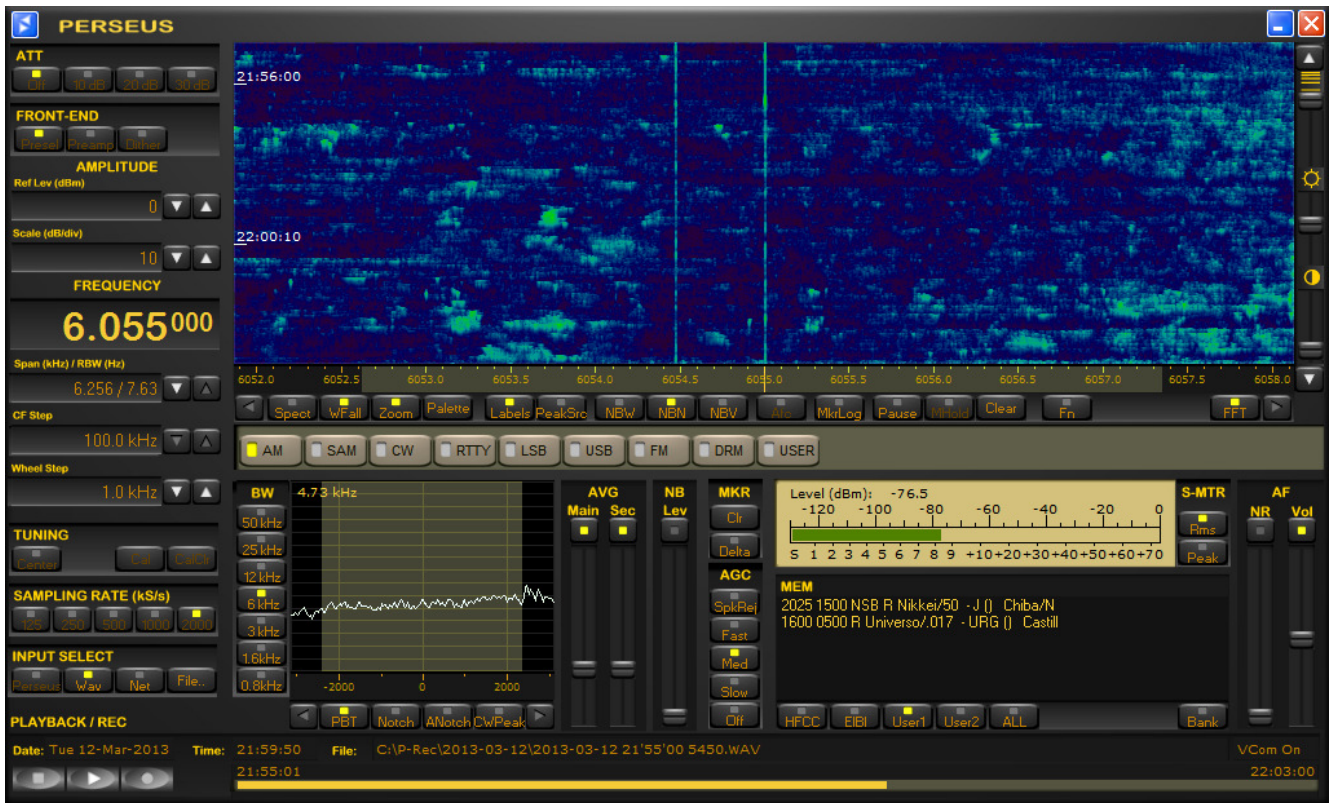
73s de Bob Wilkner

MR – Robert Wilkner at Vero Beach - South Florida Sony 2010 -NRD 515 - Drake R8B - ANC-4

XM – Robert Wilkner at Cedar Key - South Florida NRD 525D - R8A -E-5

Robert Wilkner Pompano Beach, South Florida NRD 535D -Icom 746Pro - Drake R8 - Drake R7 Sixty meter dipole, MW Antenna

Ken Walters - Palm Beach Sangean ATS 909X



## Station news

**BHUTAN 5030 and 6035.** QSL ltr w/ BBS letterhead, full data and detailed reply rcvd from Kaka Tshering, BBS General Manager for 12/22/2011 reception on 5030 (test freq) from 0019 to 0134 (UK Perseus site) and for 1/12/2013 "all-nighter" reception on 6035 from 2119 to 2211 (Finland Perseus site). I used [www.box.com](http://www.box.com) to send Mr. Tshering the audio files, Perseus screen shots and a map of the great circle paths. After listening to audio files, he was able to confirm that both receptions were indeed BBS programs, although he indicated that the 5030 KHz transmission was not regular programming (I believe that was a part of their testing in late 2011). He did not offer an explanation of why BBS had an "all-nighter" broadcast on January 12.

(Bruce Churchill via DXplorer)

**INDONESIA. 4790-**, March 12 at 1303, Indonesian talk, rough modulation, louder than 4750. This 4790 signal was not there a few minutes earlier before 1300. 1303 music, 1305 beeps like a protracted timesignal mixed with other audio; all vs CODAR QRM. 1306 music, overmodulated with some distortion; 1314 announcement in Indonesian, 1325 fading down. This is RRI Fak Fak, which just reactivated after almost 10 months, a very pleasant surprise, as caught by Ron Howard and Atsunori Ishida, whose <http://rri.jpj.org/> shows:

``4790 kHz RRI-Fak Fak Opening Sound file ( MP3 )

Closing Sound file ( MP3 )

Local news Sound file ( MP3 )

KGI Sound file ( MP3 )

WEB Site FAK FAK PAPUA BARAT, Sekali Di Udara Tetap Di Udara <http://www.rrifakfak.co.id/> [rather rudimentary but streaming linx]

1000-1500\*; \*2000v-2130-:

Mar 10 -1000-1459\* LA. JN at 1200. Since May 25, 2012. \*2014 Koran.

Mar 11 -1000-1200\* JN at 1159. \*2016 Pops.

Mar 12 -1000-.... KGI at 1100. JN at 1200.``

(Glenn Hauser, OK, DX LISTENING DIGEST)

**MADAGASCAR. 6135.00, R. Madagasikara (tentative).** After recently being absent here, again heard March 5 with what sounded like French or Malagasy (did not seem to be Arabic via Yemen) and playing easy listening songs; 1435-1500\*; with tx off at 1501; poor; tough copy due to strong adjacent QRM that neither USB or LSB seemed to help

eliminate. Would like to think this was in fact Madagascar, but needs more monitoring to be positive!  
Thanks for the feedback from Martien Groot (Netherlands) and Mauno Ritola (Finland) who both listened to my poor quality recording. We all agree it did not seem to sound Arabic! 5010 has been without R. Madagasikara for a long time now (Ron Howard, Asilomar State Beach, CA, Etón E1, dxldyg via DX LISTENING DIGEST)

**UNID 6125.08** kHz 0905-0922\* w/ Koran recitation, anmt in Indonesian, then local vocal by YL. Suddenly off at 0922. Weak signal but free from QRM. No ID, but probably RRI Nabire. March 14.  
(Satoshi Wakisaka, Osaka, Japan via DXLD)

## Other radio news

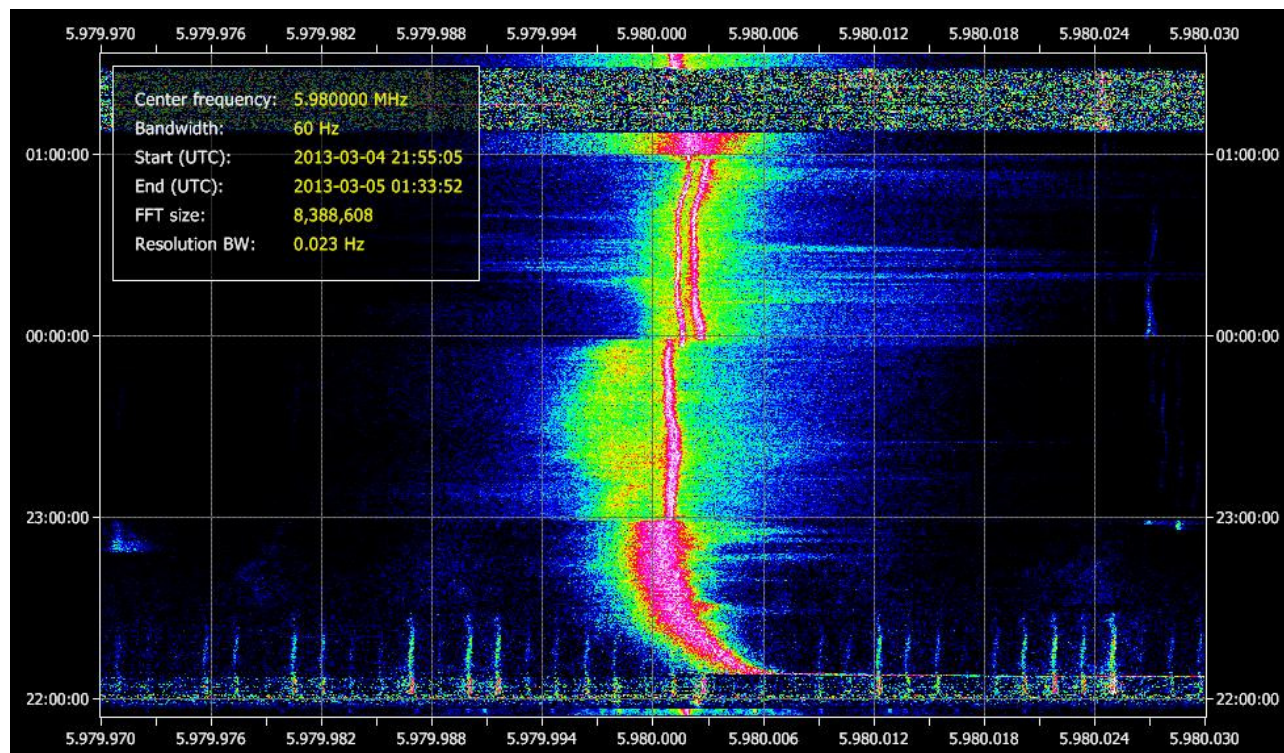
### Empire of noise

DX-nostalgi av mindre önskat slag: <http://www.youtube.com/watch?v=nXV4nTfGHuI>  
(73, CES via NORDX)

### The Mission "Chaski" by Tarmo Kontro

A new station in South America is always a challenging DX-target. When I got the information that a new Peruvian on 5980 was heard by TN in January I did some IQ-recordings with my SDR-IQ at home where the local man made noise is pretty bad. I did get something which I first thought to be the Brazilian on the frequency. Later on I was told it was not active now, so this could have been R Chaski as well. I heard some speech before 23 UTC. Unfortunately I deleted the IQ-recording later on. In February I did some recordings around 2230-2300 utc and indeed there was a religious "bible reading" programme which later on was identified to be a daily (mon-fri) Bible programme of the station. And finally when I realized to make a recording at about 01 UTC the closing announcement of the station was heard. Best signals noted at my home-QTH (as well at my rural QTH) on March 5<sup>th</sup> when the whole closing ceremony with the ID (with a religious hymn also known in Finland) and some speech & music until the c/d 0107. Later in March it seems the station has done something to the closing ceremonies (or the clock) as it seems to be closing down around 01.00...01.01 and it is audible not so long. The IQ-analysis in March shows the carriers of the stations on the channels: Chaski starting the evening transmissions after 22 utc (sometimes around 2210-2215 later on around 22 which is 17 utc), after 2300 BBC until 2400 and after 00 usually CRI (and another carrier) and finally after 01 R Chaski a while until the close down. A picture of the analysis below (on March 4-5) and thanks to Bruce Maddux of the organization behind the station a picture of the transmitter and a view to Urubamba from the antennas of the station.

IQ-analysis (4-5 March):





The Transmitter of Radio Chaski:



A view to Urubamba from the Antennas of Radio Chaski:



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*Senaste uppgifter om sändningstiderna är 0500-1000 och 1700-2000 lokal tid. = 1000-1500 och 2200-0100 UTC. Detta stämmer väl bättre med din fade in observation. 0100 stämmer också med din sign off tid. Detta förklarar också driften på som syns vid 2200 på din IQ analys. /TN*

### Shortwave Radio in the news

Radio Free Sarawak Could Threaten Malaysia's Ruling Barisan Nasional

<http://www.thejakartaglobe.com/seasia/radio-free-sarawak-could-threaten-malaysias-ruling-barisan-nasional/576683>

938 U.S. Drowns Out Nazi Broadcasts

WASHINGTON — Sweet music was used by the United States government to drown out Nazi propaganda for the first time last night [March 5] in the inauguration of an expanded short-wave radio service to Brazil.

[http://www.nytimes.com/2013/03/06/opinion/100-75-50-years-ago.html?\\_r=0](http://www.nytimes.com/2013/03/06/opinion/100-75-50-years-ago.html?_r=0)

(Robert Wilkner)

### PERSEUS + support for USB3

**Support for USB3** under Intel chipsets is currently a work in progress.

A modified perseususb.dll will be released as soon as we have a working solution on Intel, too.

(Kind Regards, Alessio via Perseus\_SDR)

### Understanding propagation on a map

**I find that a globe is the easiest way to understand** propagation paths, also known as great circle paths. A great circle path displayed on most flat maps ( or on a computer screen) will appear as a curved line even though it's really a straight line. That's why geo clocks look odd, the daylight/darkness line appears to be bent but it's not.

The flat map projection that shows great circle paths as a straight line is an 'azimuthal' projection, but it suffers from distortions of size and distance. So, a globe works best.

Simply push a pin into a globe (at your location), attach a string to the pin and pull the string so that it makes the shortest path to the transmitter. That's the great circle. The reverse path from the short path is the long path.

Most often the actual path will be a short path, regardless of the transmitter azimuth. The exceptions will usually be because of daylight/darkness considerations, not transmitter power.

The transmitter azimuth has nothing to do with the azimuth to your home, it simply represents the direction of maximum radiation from the antenna array. If the transmitter azimuth happens to be in your direction it means you're getting more power aimed your way.

If the transmitter is aimed some other direction, you're getting less power, sometimes a lot less. Curtain arrays might direct 50 or 100 times as much power in favored directions as in other directions. So, a 100 kw transmitter may actually aim several million watts in a favored direction but only a few thousand watts in other directions.

As an example, Ascension Island aims to southern Africa using an azimuth of 114°, but the signal off the back of the antenna is what hits North America, with just a fraction of the power aimed at southern Africa.

(Jerry Lenamon via DXLD)