Issue no. 1788, Jan 5, 2014.

Deadline e-mail next issue: 0900 UTC, Jan 19, 2014.

Tack atill lla för juloch nyårshälsningar.

Så är nu de storahelgerna över för den här gången. Grönare jul får man väl leta efter. Termometern har legat på 4-8 gr nästan varje dag och det ser ut att fortsätta så här också.

Några riktigt trevliga händelser i det total mörkret på kortvågen är att ELWA reaktiverats på 4760 och att SIBC nu är tillbaka på sin gamla frekvens 9545. Det trevliga är att den hörts riktigt bra de flesta dagar. Hade helt glömt at jag hade dem verifierade på en rapport från 1986. Det var ett riktigt trevligt OSL kort man hade då. Nu har väl tekniken hunnit i kapp och svar kommer som vanligt via mail. I varje fall skickades en ny rapport iväg så vi får väl se vad som dyker upp.

Läs också vad Walt Salmaniv's kommentar om Kinas totala dominans på KV. Länken till hans Masset expedition finns i slutet av detta nummer.

# Keep on ....

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## SWB-info

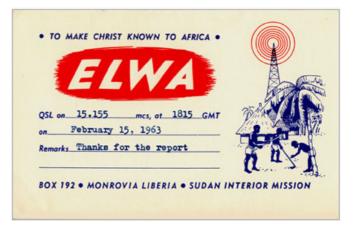
SWB online på HCDX: SWB member information: SWB anniversary issue: Dateline Bogotá 1993-1998: SWB latest issue: http://www.hard-core-dx.com/swb http://www.hard-core-dx.com/swb/member.htm http://www.hard-core-dx.com/swb/SWB\_history.pdf http://www.hard-core-dx.com/swb/Dateline.htm http://www.thomasn.sverige.net/password.htm

# QSL, kommentarer, mm.

**Christer Brunström**: Jag hittade ett par QSL när jag kom hem från julfirandet i London igår kväll. Jag har dessutom hunnit med att läsa senaste SWB. Trevligt att ELWA åter är igång! **HCJB Weenermoor 3995** QSL-kort, **WHRI 11635** QSL-kort. Tack för allt ditt jobb med SWB och ARC - allt är mycket uppskattat.

Thomas Nilsson: Svar från ELWA 4760 per mail: Your information is correct.
Thank you for the reception report. We are on a test broadcast up tp December 31. Our regular broadcast will begin on January 1, 2014. Glad to know that you listened to our shortwave broadcast. /Moses Nyantee

Så här såg QSL-et ut en gång i tiden när jag rapporterade dem då de låg på 15155 mcs.



**Dave Valko**, Dunlo, PA, USA. DX-ing with a Perseus SDR, Wellbrook ALA1530S+, and 153' vertical triangular Delta Loop.

26 December 2013: Since I was getting a lot of local noise in the 48m Pirate band which started around 0000, I decided to take the Eton E1 and do a quick micro-DXpedition as an experiment to see how reception differed. Used 315' of old wire clipped to the whip, and recorded on the Sharp MD recorder. Layed the wire out along the road which was 355°. Not exactly in line with Europe, but that's the best I could do on short order. The quiet location really helped. There was a big difference on CVC/The Voice Asia and Powerliner. Conditions improved too after about 0120. I was even able to get a little audio from CWR before they went off. It got cold and was downright brutal when outside rolling up the wire at the end. It was a good confirmation as to how much local noise I've been getting over the holiday. RX: Eton E1, ANT: 315' Beverage (BOG) at 355°, QTH: Reclaimed surface mine. Duration: 0040-0200 UTC

Noticed quite a few ZYs on 31mb on 30 Dec at 0905-0920;

9514.968 R. Marumby (weak but readable, similar to Bandeirantes)

9529.940 R. Transmundial (very weak but //11734.970)

9565.058 Super R. Deus e Amor (at readable level, //6059.787)

9629.747 R. Aparecida (good, //11855 but which of 3 signals I can't tell)

9645.385 R. Bandeirantes (at readable level)

9665.130 Voz Missionaria (good)

9818.958 R. 9 de Julho (barely)

This was probably the worst holiday season for Europirates ever. Except for Marabu, Focus,

Borderhunter, and Mistletoe, I didn't get any others at a readable level. I set the Perseus to record last night too and got nothing at all. (1 Jan.)

I've noticed 9835 Sarawak FM has been off for about 2 weeks now. (2 Jan.)

Many thanks Dave for fast sharing of the logs of both ELWA and the new SIBC frequency, /TN

Lars Skoglund: Har fått ett trevligt kort från The Cross, Micronesia 4755. Det blev land nr 223.

Kurt Norlin Jag är äntligen kapabel att komma med ett livstecken. Först vill jag tacka dig för ännu ett år av den utmärkta SWB-bulletin och God fortsättning på det nya året . Otroligt vilket jobb du lägger ner på bulletinen. Ingen större DX-aktivitet då störningsnivån här hemma är ganska hög, speciellt så här i juletider då närmaste grannen har en enorm mängd olika belysningar på dygnet rumt. Dessutom så orkar jag inte hålla på så mycket ännu. Annars vore det ju lätt att dra ut antenner nu då vi har "skånevinter" häruppe så här långt.

Frakturerna nu i stort sett läkta efter olyckan men vänster arm lär jag ha liten nytta av i framtiden. Kan knappt lyfta den och att kunna köra motorsåg kommer jag inte att kunna göra enligt min läkare. Hoppas han har fel men det är nog så illa. Har inga direkta tips att komma med. **KV-QSL som kommit sedan sist: Radio Waves International via Nauen, 7300** E-brev, QSL-kort, brev, info, playlist, visitkort, 3 kort. **Radio Joystick 7330** e-b m QSL-bilaga ,mm. **Shortwave Rock 6045**, e-b m QSL-bilaga. **Radio Öömrang 15215**, e-b m QSL-bilaga. **LLE-3 Bergen Kringkasters 5895** QSL-folder, e-b m 5 bilagor. **Italcable 10000**, kort. **Alcaraván Radio 5910**, kort, 2 dekaler, lapp svar efter 3 mån. **Radio Victoria 6070**, e-b, svar nr 2 efter 4 år. Dessutom en mängd amatör-QSL och andra.

Dan Olsson: Hej allesammans och god fortsättning på det nya året. Fast vinter känns det inte som precis. Själv har jag hittat både kantareller, vårblommor och massor av ogräs i trädgården. Det känns mer som mars än januari. Lite QSL: har det inkommit sedan sist: 6325 Blueman Radio e-brev och kort, 6535 XXL Radio e-brev och 13960 Piratestation Boston e-brev och kort.

Tipsen märkta 28-29/12 är ifrån en lyssnarnatt i Saxtorp där jag, Per Eriksson, Hans Kronkvist och Göran Norstedt deltog. På tal om Saxtorp kommer vi i mars at få besök av två holländska operatörer. Till några av mina tips har jag lagt till ett Ö vilket inneburit att lyssnat via Per Erikssons utrustning på Öland.

Log (UTC) VL8T, Tennant Creek, Territ.º do Norte: v. anexo. Carlos Gonçalves 2325 2485 VL8K, Katherine, Territ.º do Norte: v. anexo. Carlos Gonçalves 1843 R Transmundial, Mpangela Ranch, inglês, progr. de propag. relig. ao que se seguiu a 3200 Dec20 rubrica "Insight verbatim" (?); 35343; melhor sinal em 21/12, pela 1915. Carlos Gonçalves 3255 -0301\* Dec30 new frequency 3255, "station YHWH" (religious pirate). Usual anti-Catholic, Christian, gay, etc. presentation with reading from a "53 page document" along with his comments; occasional IDs; 0258 strange vocal/music followed by usual "Thank you so much for tuning into station YHWH. Goodbye and I love you. Until next time. Station YHWH now signing off the air." In the past always heard duplicate programs, but today had a new reading from the quoted document; mostly fair. MP3 audio clip at https://app.box.com/s/yv8zz21jaaarlchxkt36 (Ron Howard, Asilomar State Beach, CA) 2005 3344,875 Jan2 Tent RRI Ternate with some type of sermon mx. Weak. TN 3364,985 Jan2 2006 Tent R Milne Bay with EE px and typical Papuan mx TN 3365 Christoph Ratzer says: Ich habe mir das mal hier angesehen: Auf 3365 ist abends schon seit Monaten unregelmäßig irgend ein harmonisches Signal zu hören, erkennbar an dem langsamen ein- und ausfaden, solche Dinge erkennt man erst seit der Verwendung von SDRs so gut. Auch daran erkennbar dass es schon am späten Nachmittag hier zu finden ist. Dieses Signal ist auf 3364,85 zu finden, aktuell mit S3/5, Audio unverständlich. Und daneben, exakt (soweit mein Excalibur eben stimmt) auf 3365,00 ein S1-2 Signal, das vermute ich aus Alotau. 73 Christoph Ratzer 3365 1345 NBC Milne Bay with relay of NBC National Radio programming, 1345 to past 1448, Jan Jan1 1. Going for another 24 hours on the air; many IDs in English; "Hi. This is Stacy Rose of Island Praise" wishing the management and staff of the National Broadcasting Corp. of Papua New Guinea a happy anniversary of 40 years of service to the people of P.N.G.; playing pop Pacific Island songs and hit pop songs ("What Becomes of the Broken Hearted," etc.); 1448 full promo: "I'm Stacy Rose. Join me this Sunday at 10AM and again at 9PM right here on the Voice of P-N-G, 90.7 FM, for two hours of the best Caribbean Gospel Music this side of the sun ... all right here on Island Praise with me, Stacy Rose, Sundays at 10AM and again at 9PM, right here on NBC National Radio, the Voice of P-N-G, 90.7 FM," a syndicated American program; at times almost fair, but with QRN (Ron

3900 3900	Dec21 Dec25	2243 2324	Howard, Asilomar State Beach, CA, USA) Emissora de Hulun Buir, Hailar, mandarim, texto; 25331. Carlos Gonçalves R. Mistletoe 2316 end of Donna Summer., anmnt, and next song started 2317. 2324 "Little Saint Nick" by the Beach Boys. 2326 repeating e-mail addr. End of closing anmnt
			at 2334. A lot of Ham QRM and difficult reception but it did get a little better towards closedown. Dave Valko, Dunlo, PA
3905	Dec29	-1402*	R. New Ireland, manually off at 1402*, Dec 29. Off with children singing; ham QRM (Ron Howard, Asilomar State Beach, CA, USA)
3905	Jan2	2005	R New Ireland audible but not as good as a few days ago like Dec 26 when they were loud and clear. TN
3905,00	Jan 2	2010	NBC New Ireland, Kavieng (tent.) very weak station heard with talk 15311. ABC was also heard well on 2325, 2485 and 4835 at the same time. There was also a weak carrier on 3325 without audio. AP-DNK
3925	Dec22	2158	R.Nikkei, Nagara, sinal de ID (carrilhão), ID, anúncio das freqs. e potências após o que passaram a tocar canções alusivas à época; 45433, mas em perda. // 6055, 9595. Carlos Gonçalves
3975			R Vaticana hrd 1/5 from 0640 tune w/ scheduled Latin mass – went well past the nominal 0700* - mass continued to 0707, "O Come All Ye Faithful" by choir at 0707.5, IS repeated 3x at 0709, carrier off at 0710 sharp. SINPO 34333 fading to S2 after 0700. Light ARO QRM and hvy QSB. Tnx to Walt for hearing this on the Masset DXpedition and from that, the heads up that this was audible in WCNA! (Bruce Churchill via DXPlorer) <i>Re Masset DXpedition, see link at the end of SWB! /TN</i>
4319U	Dec30	1451	AFN. "Gravity" pop music show; 1500 "AP Radio News"; 1505 back to "Gravity, the party station." Also decent reception Dec 31 at 1338 with pop songs and a lot of kidding around between two OM and YL (so probably a New Year's celebration!). Still no AFN Guam this month! (Ron Howard, Asilomar State Beach, CA, USA)
4319U	Jan1	1445	AFN. Clear frequency with no signal. New Year's Day military holiday, so shutdown for the day? (Ron Howard, Asilomar State Beach, CA, USA)
4451,1	Jan2	2330	Radio Santa Ana, Santa Ana de Yacuma 2330 deep fades some Spanish (Wilkner)
4716,7	Dec19	2315	R. Yatun Ayllu Yura, Yura, quíchua ou aimara, texto, canções índias; 35332. Carlos Gonçalves
4747,2	Dec21	2235	R.Huanta 2000, Huanta, quíchua, texto; 25331 Carlos Gonçalves
4750	Dec28	1530	Bangladesh Betar - HS. News in English; "This is Bangladesh Betar giving you the news," "Our next bulletin will be in Bangla at 11 PM"; 1540 "News Commentary" - Bangladesh will send peacekeeping troops along with helicopters to join the UN mission in South Sudan; QRM; poor (Ron Howard, Asilomar State Beach, CA, USA)
4760	Dec22	0635	with offset BFO as I doze, no sign of even a carrier from ELWA vs hi noise level and poor propagation, which was reported reactivated (testing?) 24 hours earlier and also in the local evening (Glenn Hauser, OK)
4760			(reactivada) ELWA, Monróvia, 1931-1948, 21/12, inglês, propag. relig., música, ID e anúncio de freqs., às 2002; 35332, mas bem melhor entre as 1900 e as 1930, período em que passaram música relig. Carlos Gonçalves
4760	Dec22	2159	ELWA with good signal on their test transmissions, ann. and mx until sign off about 2204. TN
4760	Jan2	2334	ELWA, Liberia, 2334 UT, SIO 343 Christoph Ratzer
4760	Dec31	2209	ELWA 2209 staying on the air late. M in what sounded like a speech. Was still on at
4760	Jan 4	0619	2315 recheck, but I missed their midnight. Weak. (31 Dec.) Dave Valko, Dunlo, PA check, still no trace of ELWA, which reactivated Dec 20, and was widely reported thru
			Dec 25, but not yet by me; Dave Valko, PA in cumbredx also heard ELWA on late for NYE, Dec 31 past 2315, but has anyone heard it in 2014y? Their official relaunch was supposed to be Jan 1. BTW as I am searching my mail for 4760, Yahoo desperately puts an ad at the top reading "Appliance Parts Today - Get parts for 4760 fast. Ready to ship" huhhhh? (Glenn Hauser, OK)
			On Jan 4 at 2120 a weak signal is detectable but with very little audio. S3-4. At 2356 also a signal is noted, maybe AIR Port Blair at this time?? /TN
4774,9	Jan1	0100	R Tarma, Tarma Spanish ann, pop music 35232 AP-DNK
4774,9	Jan1 Jan1	0256	R. TV Djibouti Carrier w/tone at 0256, and immediately into instru. NA starting at 0300:02 for less than a minute. 0301 opening anmnt by M. HoA flute mx bridge, then M again. Into the Koran at 0303. Great vocal w/echo at 0308 recheck. Fair signal and better than usual. Dave Valko, Dunlo, PA
4780,0	Dec26	2220	Very poor signal with music past 2233, presumed this despite nominal 2100* as R. Djibouti has been reported running this late: by Zacharias Liangas, Dec 17 at 2237; and by Anker Petersen same date until 2244*. Nothing else known on frequency either, and not

			Ecuador which is on 4781.7 or so. I was checking 4760 first for ELWA Liberia, but
			nothing heard there (Glenn Hauser, OK)
4780,0	Dec31	1820	R Djibouti, Dorale Somali ann, songs from Horn of Africa 35243 AP-DNK
4805	Dec21	2232	R. Dif. do Amazonas, Manaus AM, canções; 23341, QRM de CODAR. Carlos Gonçalves
4810	Dec29	1505	AIR Bhopal. Live cricket coverage from Johannesburg of the So. Africa vs India match; in
			both English and Hindi; // 5040 (AIR Jeypore); 1512 both switch over to Delhi audio feed
4815	Dec19	2312	(tone - series of ads). (Ron Howard, Asilomar State Beach, CA, USA) R. Dif. A. Londrina PR, canções; 34342, QRM de CODAR + sinal adj. de emissora de
4013	Dec19	2312	ponto a ponto.
4824,49	Jan2	2340	La Voz de la Selva, Iquitos with alto vocal 2340 (Wilkner)
4835	Dec20	1847	VL8A, Alice Springs, Territ.° do Norte, texto, música, chamadas de ouvintes; 35332.
1033	DCC20	1017	Carlos Gonçalves
4845,2	Dec19	2310	R. Cultura Ondas Tropicais, Manaus AM, A Voz do Brasil; 44433, QRM de CODAR;
, _			áudio de má qualidade, igualmente notado em 21/12. Carlos Gonçalves
4865,8	Dec19	2306	R. Alvorada, Londrina PR, propag. relig.; 23341, QRM de CODAR. Carlos Gonçalves
4880	Jan2	1210	AIR Lucknow Carrier w/tone from at least 1210, then IS start at 1213. Also got strains
			of audio from 4775 Imphal and 4970.02 Shillong. 4750 Bangladesh was pretty good.
			Dave Valko, Dunlo, PA
4885,02	Dec25	0203	R. Clube do Para 0203 playing "Silent Night" mixed with church bells. Brief anmnt
			0204 and ZY Pops. 0213 "White Christmas", "Silent Night" in PT at 0234. Dave Valko,
			Dunlo, PA
4895	Dec21	2218	R. Novo Tempo, Cp.º Grande MS, propag. relig. da Igreja Adv. do 7.º dia, anúncios de
4005	D. 10	2204	programação; 34432. Carlos Gonçalves
4895	Dec19	2304	Mongoliin R, Murun, texto; 34342, modulação algo débil, QRM de CODAR. Carlos
4895,00	Dec20	1425	Gonçalves AIR Kurseong Nepalese talk, Indian songs 45333 AP-DNK
4925,2	Dec20	2237	R. Educação Rural, Tefé AM, entrevista; 24331, QRM da CHN, em 4920. Carlos
7723,2	DCC21	2231	Gonçalves
4939,97	Dec25	0205	R. San Antonio (pres.) 0205 tlk by M. Mx at 0208 but couldn't tell what type. 0243 tlk
.,,,,,	20020	0200	by M from across the room. Just too weak. Dave Valko, Dunlo, PA
4940	Dec28	1500	Voice of Strait with Focus on China; (Saturday only); they have already reduced the
			number of IDs that they used last month; major news items from last week; major story on
			the celebrations of Mao's 120th birthday anniversary; fair- good (Ron Howard, Asilomar
			State Beach, CA, USA)
4940	Jan2	2035	VOA, Pinheira Hausa talk, Afropop songs 45233 AP-DNK
4949,71	Dec30	0306	R. Nacional Angola. One of their strongest receptions; in Portuguese; news till 0310; pop
			African songs; 0333 went into a radio drama (Ron Howard, Asilomar State Beach, CA,
4949,75	Dec20	1900	USA) RNA-Canal "A", Mulenvos, português, ID, anúncio das freqs. (*), Jornal das Vinte Horas;
7)7),73	DCC20	1700	35433, melhor sinal em 21/12, pelas 1850. *) 11955 (!), 4950, 1088, 1010, 944 kHz (em
			OC foram anunciadas as faixas e, em OM, os comprimentos de onda equivalentes) e 99,0,
			93,5, 94,2, 99,5, 99,9 e 101,0 MHz. Resumidamente, a qualidade do sinal em 4950n é "ao
			sabor das ondas" e se aquele depende igualmente do equipamento, bom, isso pode
			esperar, que o dinheiro não dá p/ tudo, pois, à cabeça, temos os gastos c/ a "família real" e
			respect.º séquito, ou não será? Como poderiam eles comprar os Cartier, carros de luxo e
			um grande "et coetera"? Um episódio passado bem recentemente (Novembro p.p.), em
			Luanda: segue uma carrinha c/ determinados visitantes e, a dado passo, é mandada parar
			por uma patrulha da polícia; o sinal é ostensivamente ignorado, p/ espanto dos turistas, e o
			motorista explica-lhes: "parar para quê, eles [a patrulha] estão numa esquadra intinerante,
			não têm carros, portanto, parar p/ quê, se não podem vir atrás de nós? Aqui, é assim
			mesmo." Bom, palavras, p/ quê, é "aquela África"? E mais haveria ainda p/ contar. Carlos
4965,01	Dec30	0948	Gonçalves  P. Alverede, 0048 tilk by M in PT ever my anding w/ment of Presil. "Pem die", SEV
4905,01	Decso	0948	R. Alvorada 0948 tlk by M in PT over mx ending w/ment of Brasil. "Bom dia", SFX, and rel. tlk by soft-spoken M over somber instru. mx to 0955, then lively canned anmnts.
			// to their webstream which seemed to be about 15 sec. behind. Oddly, it wasn't // after
			1000 Dave Valko, Dunlo, PA
4970,02	Dec31	1129	AIR Shillong 1129 tlk by W anner, 1130 some sort of tick mixed w/subcont. mx, then M
			anner w/nx to 1135. 1135 W anner returned to 1140 apparently regional nx. 1140 sev.
			canned anmnts. Mx after 1143 but not modulated as much. Studio W anner came back
			briefly at 1149 but it faded some by then. Dave Valko, Dunlo, PA
4985,5	Dec25	1100	R. Voz Christiana 1100 already on at t/in w/usual many canned anmnts including a poss.
			ID at 1101. Into mx at 1103, prob. pgm intro. then usual M preaching. Fading. Dave
4985,5	Dec30	1102	Valko, Dunlo, PA  P. Voz Christiana Fortunataly the double PTTV that was here want off at 1051. This
44877	Dec30	1103	R. Voz Christiana Fortunately the double RTTY that was here went off at 1051. This

			suddenly came on at 1059:25 w/canned anmnt by W already in progress. Then another
			canned anmnt by M including an ID. A couple more canned anmnts. Poss. rel. song at
			1103 to open the next pgm w/M preaching. Still barely able to hear mx at 1124. Fading
4990,00	Dec20	1435	right from sign on. Dave Valko, Dunlo, PA AIR Itanagar Hindi ann, local songs 25232 AP-DNK
5000	Dec 20	1433	BPM Hrd CW IDs at 1229 under WWVH which was under WWV. (25 Dec.) Dave Valko, Dunlo, PA
5005	Dec31	2159	R Bata a rare guest in Austria nowadays. A nice and clear recording can be found here: https://soundcloud.com/christophdx/bata-311213-2159-ratzer Christoph Ratzer
5010,1	Dec21	1922	R.Madagasikara, Ambohidrano, malgaxe, música pop' local; 35332. Carlos Gonçalves
5010,43v	Dec29	1537	R. Madagasikara in AM + LSB + USB with pop African music; poor (Ron Howard, Asilomar State Beach, CA, USA)
5011,2v	Dec24	0243	R. Madagascara 0243 Afro Hi-life mx. 0245 deep-voiced M anner very briefly and
			immediately back to mx. W anner at 0249-0253. Dropped down by 0300 but never did hear an IS and went over ToH w/mx. Looks like more audio on the LSB in the display.
<b>5</b> 010 00	D22	1050	Very fady and noisy. Dave Valko, Dunlo, PA
5019, 88	Dec23	1859	Solomon Island BC, Honiara, 18.59 UT SIO 242 Pünktlich um 18.59 beginnt der Trommelschlag aus Honiara, begleitet von Fernschreibstörungen +/- 1, 5 kHz 73
5024,93	Dec25	0255	Christoph Ratzer R. Quillabamba (pres.) 0255 brief anmnt but way too weak. Still going at 0302. Been
3021,33	DCC25	0233	watching this most of the evening as Rebelde has been off. Hope Rebelde stays off through tomorrow morning. Dave Valko, Dunlo, PA
5024,94	Dec30	1001	R. Quillabamba. Rebelde was on earlier but noticed it had gone off by 1001. Stayed on
,			the freq and found Quillabamba come on at 1003:30, but it was very weak. 1005 pleasant
			tinkly campo mx w/cow mooing at one point. Drifting down and getting stronger,
			apparently as the transmitter warmed up. Really picked up by 1010. 1010 long tlk w/ment of Quillabamba and nice ID over mx including Horse whinnying. Buenos dias. 1013:55
			nice TC and ID. 1014 shouting and start of "Happy Birthday", then more campo mx.
			1018:25 more really nice clear IDs and ment of Quillabamba, ment of amanecer, gloria,
			and Ayacucho at 1020 end. More campo mx, 1024 M DJ returned starting w/TC, ment of
			Quillabamba, FM, onda media, and onda corta. Horse SFX again. 1026:00 another ID and TC, then sked of something. 1029:30 nice canned ID by M, then echo intro by M for
			the daily tlk segment by 2 men hosts. Mentioned onda corta during the discussion at
			1042. Fading starting to chop up the signal by 1045, but still nearly 100% copy. The
			discussion continued all the way until Rebelde signed on at 1058:48. Nice of them to stay off during peak Quillabamba time today. Dave Valko, Dunlo, PA
5035	Dec19	2300	R. Aparecida, Aparecida SP, progr. Com a Mãe Aparecida, lista de retransmissoras;
			44432, espalhamento do sinal cubano, em 5040. Carlos Gonçalves
5040	Dec30	1356	AIR Jeypore, 1356, Dec 30. Post So. Africa/India cricket match interviews with players;
			all in English; occasionally playing "We Will Rock You" by Queen. (Ron Howard, Asilomar State Beach, CA, USA)
5040,00	Dec20	1445	AIR Jeypore Hindi debate 35233 AP-DNK
5050	Dec29	1222	AIR Aizawl, Dec 29, 30 and 31 heard unusually well; stronger than BBR (China); 31st
			with local news in English at 1222 about water supply; local IDs; 1230 national
			news/stocks/sports in English (in Kashmir, the Srinagar-Jammu highway closed due to snow, etc.); 1335 subcontinent music. Amazing to hear this one doing so well against
			BBR. Still no Ozy Radio! (Ron Howard, Asilomar State Beach, CA, USA)
5066,3	Dec21	-2001*	R. Télé Candip, Bunia, dialecto local, texto, canções, sinal musica de ID e anúncios
			informativos, em francês, pelas 2000, anúncio da freq., fecho logo após o habitual acorde
5580,2			de tambor; 35332. Carlos Gonçalves Bolivia Radio San José, San José de Chiquitos 2345-50, this not heard in a while
3300,2			(Wilkner)
5805	Jan 4	0025	Fair signal interview in tonal Asian language, not Mandarin; unusual to hear anything
			lower than 5830 WTWW outside this band. Aoki has the answer: since Dec 25, VOA
			Tibetan via Iranawila, 250 kW at 20 degrees, has been using 5805 on Saturdays only, jumping to three other frequencies depending on day of week: 5760 on Sunday, 5750 on
			M/W/F, 5770 on Tue & Thu. This will supposedly confuse or evade the ChiCom jammers,
<b>-</b> 0	_	05:-	at least until they read about it here or in Aoki; none heard so far (Glenn Hauser, OK)
5895	Dec31	0812	R. Northern Star test xmsn hrd from Perseus site in Iceland with vy nice signal at SINPO
			45434 w/ noticeable fading pattern. In ECNA locations, Brother Stair on 5890 and USN HF data link xmsns make reception vy difficult if not unusable. Tuned on 12/31 at 0812
			and again at 0837 w/ many different R. Northern Star jingles, ID and anmts by two men
			for test xmsn, address for reports (P.O. Box 100, N5331 Rong, Norway), location in
			Lat/Long (60deg50min N, 05deg12min W), and some short music segments, mostly in EE

			w/ some Norwegian anmts by both man and woman. Some jingles hrd today were "This is your "radio heartland of music", "Radio Northern Star, where we play the great music of our time", "this is your star station, the rhythm of the North Atlantic", "This is Radio Northern Star from Western Norway" This should be a fun station to listen to when they
			get a full broadcasting license The musical jingles were also hrd at threshold lvls from Perseus site in Rochester NY at 0855 tune; however, only some anmts were weakly audible - this with a 2.4 KHz USB bandwidth to notch out the Brother Stair QRM. (Bruce
			Churchill via DXPlorer)
5895	Dec26	2200	There was just a short 2 min. clear window from 2200 when 5890 WWCR went off and before 5895 DRM started at 2202, but nothing was heard or seen of the sked LLE-3 xmsn from Norway. Dave Valko, Dunlo, PA
5910	Dec27	1410	very weak station talking, unseems English, with some music mixed. Shiokaze is back
			here, as not even a carrier audible on 6140, which is also ACI'd by 6145 Firedrake. Nothing else scheduled on 5910 at this time, and Aoki's Dec 27 edition is right up to date, showing Sea-breeze on 5910 since December 26, and furthermore, no English but instead: 1330-1430 Mon, Thu & Fri all in Korean; Tue all Japanese; other days split half & half:
			Sun Japanese & Korean; Wed Chinese & Korean; Sat Korean & Japanese. Ron Howard also noted English missing last Friday when it was still on 6140. Altho 6145 Firedrake is in well again today, reception at this hour from Japan on 49m very poor, e.g. 6055 Nikkei
5910	Dec29	1336	(Glenn Hauser, OK) Shiokaze/Sea Breeze via Yamata. A tearful story was jammed. Did they quickly move
3710	Dec2)	1330	back here from 6140 when they found Vatican Radio was there from 1330 to 1400? Am hearing VR, via Irkutsk, on 6140 in Russian with a good signal (now that Shiokaze moved
5915	Jan2	2045	away!) (Ron Howard, Asilomar State Beach, CA, USA)  ZNBC, Lusaka Vernacular discussion 25232 AP-DNK
5915	Dec29	0951	Myanmar Radio in the clear till covered by turn on of CRI tx at 0955. (Ron Howard, San
5015	Dec24	0202	Francisco at Ocean Beach, CA, USA)  P. One/TNPC 0202 rice African characteristics. Post had in a while but already feding by
5915	Dec24	0303	R. One/ZNBC 0303 nice African choral songs. Best hrd in a while but already fading by 0312 t/out. Dave Valko, Dunlo, PA
5922,30	Dec27	0856	Radio Rossii via Yelizovo transmitter site on the Kamchatka peninsula. Found a very prominent, very distorted spur here of 5930. How long has this been happening? Due to distorted audio rather hard to measure accurately; needs a SDR unit readout (Ron
5939,81		0138	Howard, San Francisco at Ocean Beach, CA, USA) Voz Missionaria 0138 tlk by M in PT w/ment of Missionaria and Sao Paulo. Another ID at 0141. Fair strength but severe QRM from 5940. Was // to clearer 9665.45. Dave
5950	Dec21	1742	Valko, Dunlo, PA Voz da Revolução do Tigrê, Geja Dera (ou Geja Jawe?), tigrínia (segundo listas), canções
			do Corno de África, texto, às 1800 (noticiário?); 44433, QRM adjacente. // 1359 Mekelle. Carlos Gonçalves
5952,42	Dec30	0839	R. Pio Doce 0839-0841 rel. tlk by M, then campo mx. 0846 canned exchange between lady and child, and more pleasant campo mx. 0849 child bracketed by M anner. More mx, nice flutes, then 0854 alternating M and W. Finally an ID at 0901. Poor at this time
			but was much much better, and actually nice, at 0945. Had drifted up to 5952.46 as well.
5980	Dec28	2325	Dave Valko, Dunlo, PA R Chaski with religious progamme in Spanish. Heard well in 15 minutes. DO
5985,80	Dec27	*1129-	Myanmar Radio,. Noted open carrier at 1127; on with indigenous theme music; in
			vernacular. Frequently changing tx here! On 25th heard on 5985.00. (Ron Howard, San
5985,8v	Jan1	1537	Francisco at Ocean Beach, CA, USA) Myanmar Radio (Wednesday only). "VOA Learning English - This is America";
			informative program about the Potomac River with "virtual tour" of the river; played Pete
			Seeger with "John Brown's Body"; fair-poor.  http://learningenglish.voanews.com/content/potomac-river-washington-dc-harpers-
			ferry/1671690.html . My local sunrise was at 1522 UT (Ron Howard, Asilomar State Beach, CA, USA)
5995,00	Dec22	-1430*	PCJ R, via Nauen English programme by Keith Perron on Christmas. Next live
5995,00	Dec29	*1330-	programme on 29.12. Very strong 55555, but // 9335 or 11880 not audible AP-DNK PCJ Radio International, via Nauen *1330-1429* English live show with Keith Perron
			calling several persons on phone, including Bob Zanotti, Andy Sennitt and Tom Meijer, but also our member in China Jonathan Short! 55555 AP-DNK
6005,00	Dec20	1320	R 700, Kall-Krekel German ann, Christmas Carols e.g. "Let it snow" 35333 AP-DNK
6010,04	Dec30	0830	R. Inconfidencia 0830 morning M DJ hosting pleasant ZY Pop mx pgm. Many many "bom dia"s. 0841 nice short ID and TC by M after song. Weaker than Conciencia up on
6015	Dec30	0359	the usual 6010.21 creating a het. Dave Valko, Dunlo, PA ZBC Radio. Probably my best ever reception! Usual drums till time pips; ID; news in
0013	DUCOU	0337	220 Radio. 1 100doty my oost ever reception: Osdar drums un unic pips, 1D, news m

			Swahili (major item about Australia and Harare, about Zimbabwe's ambassador to Australia seeking asylum On Jan 1 heard an interesting song at 0355 UT with many mentions of Zanzibar on 6015; poor, but still enjoyable. Audio clip at
6035	Jan1	-1507*	https://app.box.com/s/bpgqnbnl3obltmitk98g . (Ron Howard, Asilomar State Beach, PBS Yunnan, 1457 till off about 1505, Jan 1. Classical music; sign off announcement at 1459 in Vietnamese followed by more classical music till off; their usual ending format. Checking here today, as on Jan 1, 2013, BBS/Bhutan was broadcasting and I clearly heard them (they QSLed my reception: 1504-1605). Had hoped they would do the same again
			this year, but certainly they were off the air, so a major disappointment (Ron Howard,
6055	Dec22	2201	Asilomar State Beach, CA, USA) R. Nikkei, Nagara, cf. // 3925 supra; 33432, QRM adjacente. Carlos Gonçalves
6055	Jan2	-2100*	R Rwanda, Kigali Vernacular report from an event, mentioned Rwanda four times,
6055	Dec30	0434	drums, closing ann 43433 Splashes from muslim chanting on 6060 AP-DNK Radio Rwanda. Good reception of a series of ads (one for smart phones, etc.) in assume
6055	Dec30	2102	Kinyarwanda. Excellent night for Africa! (Ron Howard, Asilomar State Beach, CA, USA)  R. Rwanda Apparently staying on late for Christmas Eve. 2102 M and W anners
0033	DCC24	2102	hosting. Some laughing. 2104:40 "Jingle Bells" on organ and vcl by M and chorus
			persumably in Kinyarwanda!! 2108 M and W returned. Still going at 2142 w/incredibly strong signal. W anner singing and giggling/laughing. 2153 several IDs and ment of
			"Internet". 2200 shouting, heavy breathing, shouted Rwanda many times. Baby crying.
			Then everyone in the studio singing "Happy Birthday". Sounded like they had too much egg nog. Finally they calmed down a little by at 2202 and they took sev. phone callers.
60 <b></b>	D 44	2101	Dave Valko, Dunlo, PA
6055	Dec31	2101	R. Rwanda 2101:30 everyone in the studio singing Happy Birthday to a phone caller. Stayed on late of course. 2158 ment of celebration, "December time", and then some
			shouting by all in the studio and immediately into live speech. Someone came on the freq
6070	Dec25	1205	with a huge signal for about 45 seconds. Dave Valko, Dunlo, PA R Marabu, via Channel 292, Rohrbach German ann, ID's, Christmas songs like "I'm
			dreaming of a White Christmas" 44343 splashes from 6060 AP-DNK
6079,89	Dec31	0840	R. Marumby 0840 soft mx which sounded //9545 at first but of course not. 0859 canned anmnt by M ending w/M definitely //9514.97. This freq fair and 9514.97 good. No sign
6080	Dec27	0736	of 6080 SIBC. (31 Dec.) Dave Valko, Dunlo, PA, USA SIBC, randomly from 0736 to 0900; usual format; "This is the National Service of the
			Solomon Islands Broadcasting Corporation, Radio Hapi Isles, transmitting to you from our studios in Honiara. We proudly bring you the news on the hour in Pijin and English";
			0802-0814 news in Pijin; 0814-0829 news in English; at times almost fair (Ron Howard,
6080	Dec30	0843	San Francisco at Ocean Beach, CA, USA) SIBC/R. Happy Isles 0843 C&W mx. 0845 ad (2) block right after song, and
0000	Deeso	0043	immediately back to Reggae mx at 0847. W then M anner, and R. Australia came on at
6095	Dec25	*0900-	0900. Dave Valko, Dunlo, PA Transport R. *0900 in the middle of "Sleigh Ride", old R. Netherlands bell IS, M
0093	Dec 23	10900-	countdown, then SFX and ID by M in GM "Hier ist Transport R". Good in USB to
6110	Dag21	1907	avoid 6090 slopover QRM. Dave Valko, Dunlo, PA
6110	Dec21	1807	R. Fana, Geja Dera (ou Geja Jawe?), oromo (de acordo c/ listas), canções da região, texto; 35433. Carlos Gonçalves
6115	Dec21	1808	R. Congo, Brazza', francês, notícias,, retransmissão de sessão parlamentar; 44433. Às
6120	Dec19	2341	1900, o sinal já fora fechado. Carlos Gonçalves SRDA, São Paulo SP, D.Miranda "vociferando" propag. relig. e escutando testemunhos de
6125	Dec24	1941	curas, c/ as frases principais traduzidas p/ castelhano; 33421. Carlos Gonçalves NDR (Nauen) Annual special Christmas Eve broadcast. This year they have 3 different
			xmtrs relaying them. 1941 tlk by M and W hosts in GM w/W giving "Merry Christmas
			and Happy New Year". Mentioned Hamburg sev. times. Played a traditional GM oldie, and also a GM Blues song, and "Feliz Navidad" at 2000. ID by M at 2002. 2017 "Silent
			Night". This freq fairly good and abt equal to 11955 (Issoudun, France). 9885
			(Moosbrunn Austria) was also in but weaker. 9925 (Issoudun) there but QRM from adjacent 9930, and 9460 (Nauen) barely audible but there. Dave Valko, Dunlo, PA
6130,0	Dec29	1157	UNID Suspect CNR here at 1157-1209 solid talks until 1200. Probable ID at T.O.H. by OM into talks. Looking for Laos, heard only once this year. This, definately not Laos.
61240	Daa10	2242	RIPPEL, VA
6134,9	Dec19	2343	R. Aparecida, Aparecida SP, entrevista acerca de um restauro de igreja; 44433, QRM da BOL. Carlos Gonçalves
6159,983	Dec25	1051	CKZN 1051 playing a remake of "Mele Kalikimaka" by "The Good Lovlies". Dave Valko, Dunlo, PA
6195	Dec26	1705	BBC (Oman relay) 1705 EG nx by M w/actualities. This and 6155 AIR Bengaluru the

6199,57	Dec25	0721	strongest of only 5 or 6 signals on the band at this time. Dave Valko, Dunlo, PA R. Action Signal here from 0721 start. Definite mx at 0731-0732 but just couldn't recog. it. Rock mx coming up a little at 0742, 0744. Sound like M anner at 0753. Definite M anner at 0803. A little more mx rising up again slightly at 0835. Mostly right at threshold. Those brief peaks were only just a little above, so nothing really substantial. QRM from the annoying machine gun UTE, and then blasted out at 0900 by 6195. Could still see the signal though at 0930 during a brief break from 6195. ID per the blogs. Dave Valko, Dunlo, PA
6205 6208,91	Dec29 Dec26	0755 0126	King Shortwave played Boeb Seger & The Silver Bullet Band. DO CWR 0126 M anner then into mx on peak. Very weak and barely able to get any audio. (26 Dec.) Dave Valko, Dunlo, PA
6209,97	Dec25	0913	R. Luxembourg Seemed to come on with low power at 0913:33. Went off at 0924:04, but came back on at 0926:06. Easily the strongest Pirate on the band, but the modulation was very low. Finally positive mx at 0926 on return. Mod. still to low to recogn. The horrible 6195 Cypress Creek SC slop didn't help either. 0933:36 canned jingle. They have to be running around 500w as it was as strong as R. Mistletoe. Still there at 0955. Dave Valko, Dunlo, PA
6210	Dec22	2142	CWR-Crazy Wave R (?), Holand./ing., música pop', anúncio do end.º de correio electr.º p/ envio de relatórios de recepção; 45433, mas em perda. Carlos Gonçalves
6210	Dec29	1530	Time Radio played Boney M and Engelbert Humperdink. DO
6225	Dec25	2027	UNID. Noticed an OC here at 2027. Aired different pitch test tones after 2036 until it went off at 2046. Wonder who this was. Dave Valko, Dunlo, PA
6238	Dec25	2100	Black Bandit R. Was noted here sometime in the 2100-2200 hour but I didn't record it. There was audio there too. Dave Valko, Dunlo, PA
6240,02	Dec25	2036	Black Bandit R. Signal showing up at 2007. I couldn't get any audio then. Others were hearing him. strains of audio by 2030, mx at 2032, and anmnt at 2033, but not good enough to copy. 2036 another anmnt w/ment of "closing down.", and off at 2036:35. A bit too early. Confirmed it was BBR by others in the chat Dave Valko, Dunlo, PA
6244,94	Dec25	0842	R. Ronex Signal came on at 0842:59. Some strains of mx right at threshold at 0846-0848. Totally hammered by the machine gun UTE for a long time later. Still barely visible with the recording stopped at 0955. Dave Valko, Dunlo, PA
6260	Dec25	2210	Cupid R. 2206 playing Pink Floyd. 2210 anmnts mixed w/mx but difficult to copy. Went off at 2212:21 Dave Valko, Dunlo, PA
6260	Dec26	0117	CVC/The Voice Asia (via Tashkent) Nice signal and near 100% copy. 0117 end of subcont. mx, then M anner in Hindi. Came back later was taking many many phone calls in the second half hour. 0158 M caller started w/"Halleluiahgood morning". The anner also answered Halleluiah but didn't seem to share the enthusiasm. Hard to believe this used to be so difficult and could never get a readable copy. Dave Valko, Dunlo, PA
6280,5	Dec21	1902	R. Tango Italia, I, música e canções argentinas; 45444. Carlos Gonçalves
6285,14	Dec25		R. Focus Int. Only wisps of audio w/Pop mx at times from 0721 recording start. M anner at 0744 with a nice brief peak, then "Who's Crying Now" by Journey. 0749 song anmnt saying they were "on many radio stations". 0755 songs anmnts w/ment of "3 in a row", then tlk and ment of off-shore radio and R. Caroline. Faded after that. 0827 sounded like a phone number given. Very very fady. Dave Valko, Dunlo, PA
6285,4	Dec20	1854	R. Tango Italia, ital./cast., música e canções argentinas; 45343. Carlos Gonçalves
6290	Dec26	0042	R. Mistletoe "I Like Christmas" by Ali Lohan at 0042 start of recording, 0045 song
			anmnt and ment of R. Borderhunter, then "Santa's Got a Brand New Bag". 0100 ID and list of stns on the naughty/nice list, into "Little Saint Nick". Closing anmnt at 0110, church bells, and off. Very fady. Dave Valko, Dunlo, PA
6290	Dec30	1555	Unpredicable Radio played Patti Smith abd Survivor in the programme. DO
6290	Jan4	1545	R Joey announced the address and played music as Pink and The Cult. DOÖ
6295	Dec22	2138	Reflections Europe, IRL, inglês, progrs. de propag. relig.; 34433, QRM adj. e ocasional de emissora de ponto a ponto. Carlos Gonçalves
6295	Dec25	0935	R. Mistletoe IS, "Man of Action", and right into "Santa Claus' Party", 0935 anmnt w/"R. Mistletoe Chirstmas show", and more Christmas mx. 1015 strongest signal on the band at this time. Could hear some mx and possibly tlk at times, but just too late. "So This is Christmas" per chat at 1031, and was able to hear the chorus. 1033:40 start of final announcement. From the chat, it looks like R. Verona came on after Mistletoe closedown. Dave Valko, Dunlo, PA
6299,98	Dec25	2028	UNID. Only peaking above the noise floor abt 70% of the time from 2028. No chance for audio. This went off at 2055:32. One of the guys in the chat said he thought it was Omejan. Dave Valko, Dunlo, PA
6299,99	Dec26	0047	R. Powerliner Int. Polka at 0047 followed by "Happy Birthday" Polka at 0048. 0050 anmnt over Polka mx acknowledging rpt, "Happy holidays", and said was closing down,

			ID. 0052 cont. anmnt w/holiday greetings and ID. Nice peak at 0055. 0107 "Little Saint Nick" by The Beach Boys. Nice ID again w/holiday greetings, "Ho Ho Ho" at 0129. More closing anmnts over mx from 0146-0151. One of the best receptions of PL ever. Fady though. (26 Dec.) Dave Valko, Dunlo, PA
6300	Dec25	2215	R. Boomerang Humongous signal at 2204 w/nonstop unrecog. Pop mx. 2215 played his old "reveille" instru., then a Polka. 2240 short closing ID anmnt, more Rock mx, and off at 2244:17. Dave Valko, Dunlo, PA
6304,945	Dec25	0143	R. Marabu 0143 tlk by M anner but couldn't copy. Mx at 0146. 0150 W velist. Lucky to get an ID at 0152, then into "Last Christmas" by George Michael. Before I caught the ID, confirmed it was Marabu by Dr. Tim. Some nice peaks during the night. "Europes alternative music" jingle at 0834, and a canned ID at 0840 between songs. Dave Valko, Dunlo, PA
6304,994	Dec28	2217	Noticed it at 2217 but no audio detected. Although strong enough, never did get any audio. Dave Valko, Dunlo, PA
6305	Dec26	0115	R. Marabu 0115 caught ment of Marabu during GM tlk by M. Very fady. Dave Valko, Dunlo, PA
6305	Dec29	0810	R Pluto played Boney M. DO
6305,7	Dec26	0128	Found a signal here creating a het with Marabu around 0128. Sounded like a Dutch Pop song, and caught short anmnts at 0130 and 0131 but just couldn't copy. Went off shortly after that, probably because he realized Marabu was very near by. Dave Valko, Dunlo, PA
6306	Dec28	1555	R Malibu with Dutch musik. Close down 16.04. DO
6325	Dec28	1525	Blueman Radio played Salt-n-Pepper and House of Pain. DO
6925,1	Dec25	1309	Channel Z 1309 "Channel Z" by The B52's, and into "Marys Boy Child". 1317 ID w/ment of "Channel Z Christmas Special". Dave Valko, Dunlo, PA
7120	Dec31	-1902*	R. Hargeisa (pres.) 1847 strength right at threshold. Poss. mx at 1856, and 1901. Went off at 1902:14. (31 Dec.) Dave Valko, Dunlo, PA
7120,0	Dec20	0334	R. Hargeisa 0334-0346 w/ Q'uran chants, into OM talks at 0340 + RIPPEL, VA
7200,1	Dec27	1008	Myanmar Radio. Quick check found them fair. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7205	Dec25	0236	Vatican R. (via Greenville) 0236 "Feliz Navidad". Good. Dave Valko, Dunlo, PA
7220,815	Dec31	1232	V.O. Vietnam 1232 tlk by W in what may have been RS. Didn't sound like Mandarin. 1235 M very briefly, then back to W. 1242 mx briefly, then same W again joined by diff.
7250,00		*1313-	W came on. //12000. Dave Valko, Dunlo, PA Bangladesh Betar, Khabirpur IS on violin and tanpura, 1315 Nepali ann and instrumental music, 1317 news mentioning Bangladesh 35333 AP-DNK
7289,92v	Dec27	0751	RRI Nabire. 0751 to off about 0808 or so. Usual program of children singing; 0756 EZL music; poor (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7470	Dec26	2005	Open R. for North Korea (via Tashkent) 2005 surprised to find this was already coming and and audible. Tlk by M in KR and occasionally by W. Definite ment of Pyongyang at 2007. 2012 instru. mx then W annor. W over instru. mx 2016-2018. Instru. mx at 2019 and into next segment by M and W w/soundbites. 2037 Pop ballad song, then W returned at 2038. Dave Valko, Dunlo, PA
7535	Dec28	1545	RTR-2 (via Bulgaria) Signal here from 1545-1548, then went off. Maybe checking the xmtr before the xmsn. Ivo said it was on earlier than I had it. Signal back on 1558, 1559 M anner, and 1600 pgm start. Barely any audio in that first hour. Audio right at or just above threshold but useless. Mx pgm hosted by M anner. Got a prolonged period of local noise that totally destroyed the band from 1709-1751. Finally a litle more audio by 1755. M anner mixed w/mx and what sounded like a ment of Hamburg. 1800 poss. canned echo ID by M. Noise returned from 1805-1822. 1882 much much stronger w/mx, and interview like "Storytellers", then "To All the Girls I've Loved Before". Noise again from 1828-1845, and 1848-1853. 1853-1857 "It Never Rains is Southern California". 1857 M anner host in GM w/ment of "Songbooks" and "SRS ??". 1858 canned tlk by M over flute mx w/ment of Deutschland. 1900 canned echo ID by M then off in the middle. Dave Valko, Dunlo, PA
9317 9380	Dec25 Dec25	*1300- *1300-	V.O. Tibet (via Tajikistan) *1300 usual s/on routine. Dave Valko, Dunlo, PA North Korea Reform R. (via Tajikistan) *1300 opening anmnt by W over mx. (record)
9390 9510	Dec25 Dec28	1243 0859	Dave Valko, Dunlo, PA R. Thailand 1243 "Make a Wish" ad by W over Christmas mx. Dave Valko, Dunlo, PA EMR (via IRRS) 0859 Italian NA, then into the pgm w/jingles, IDs, contact info, acknowledged listeners, and mx by CCR and Aerosmith to start. Poor to fair w/heavy
9525,92	Jan3	-1200*	QSB. Dave Valko, Dunlo, PA Voice of Indonesia, Cimanggis (p) very distorted talks in listed English and Mandarin,
9526,0	Dec25	2005	but not a word could be understood! 25231 AP-DNK (Presumed) Voice of Indonesia @ 2005Z w/ news program in lang by YL. RIPPEL, VA

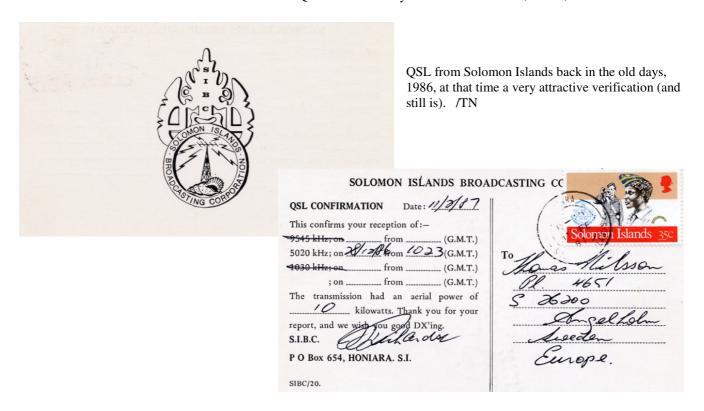
9535 9545	Dec31	2031	R. Thailand 2031 alternating M and W w/EG press stories in detail in progress. Sounded like the same anners that are on at 1230. Usual Bangkok Airways ad at 2039. ID by M "You're listening to R. Thailand". 2043 promo for Celebration 2014. Phone number for contact, then live M w/ID and closing. Off at 2044:32, but then right back on, deadair, then bells, and into Thai. Fair but a lot of local noise on 31m. Dave Valko, Dunlo, PA SIBC/R. Happy Islands Soft Pops and island mx. First noted at 0840. Went over 0900 ToH w/island mx, then one ad at 0901 by M starting with conch shell blowing and back to Pop mx. 0904 studio M anner mentioning "for the past week" but couldn't copy much more. M returned at 0909 mentioned "thank you for your company". 0911 "Feliz Navidad". 0915 studio M again very briefly. Mx intro, then rel. segment w/tlk by M mentioning God many times and "amen"s. 0927 outro w/ment of Solomon Islands and same rel. mx. Promo w/ment of R. Happy Isles and phone # at 0928, then pgm promo. Holiday greeting from a rel. store. 0930:25 nice ID and ment of national radio and upcoming "Countdown" by live studio M DJ. Getting very fady after 0920. 0952-1000 good and nearly 100% copy w/New Years Eve lottery/drawing pgm w/Joan and Paul hosts (Paul drawing and Joan announcing the winners), conch shell blowing and ID anmnt, then into nx. Still going after 1100 but 9540 China causes some slopover QRM at that time. Still on at 1327 w/tlk by M but 9550 Cuba splattering all over it. Guess they finally decided to get it over with and move off 6080 and the QRM from R. Australia. Much better on the Delta Loop than the Wellbrook. 73 and a Happy New Year to all of you!! Dave Valko, Dunlo, PA, USA
			Dave, it appears the word has really gotten out on this now, judging from all the internet groups activity. I see even Dario Monferini in PLAYDX has the info and people all over have logged SIBC and it's all thanks to your alert, as first in the world to hear this and pass along the tip. You deserve mega-big credit on this one, OM. Thanks!!!! (Ralph Perry via DXPlorer)
9545	Dec31	1535	I'll second that another Dave Valko "first." And, Happy New Year! I hope everyone has a happy, healthy 2014. /John Herkimer via DXPlorer SIBC with nice signal. As soon as Dave Valko's log appeared at 1533 in my mailbox I moved to 9545 and there was a quite strong signal with what seemd to be a New Year's Eve continuation with a phone in program and mx such as ABBA's Happy New Year, etc. At 1600 the signal has decreased and the surrounding stations were too strong to get a clean signal. I checked the frequency again at 1030 on Jan 1and SIBC was strong and clear with EE news followed by enumerating a lot of honourable persons. Also checked 6080 for a signal but only R Australia and nothing at all on 5020. Thanks Dave for a very nice log and the tip just in time for us to catch their New Year's Eve broadcast. TN
			SIBC 9545 will stay on air on Dec 31 until 6am local time or 19:UTC. Should be an easy copy in Europe! Full credit for this one goes to Dave Valko and DXLD. Thank you! Recording of SIBC Happy Hour: <a href="http://nickvk2dx.blogspot.com.au/">http://nickvk2dx.blogspot.com.au/</a> (73 Nick VK2DX via DXLD)
			Gar keine Ahnung ob es SIBC ist, aber ich höre jetzt schwach Musik und Ansagen auf 9545 khz ( 1540UTC). (Max van Arnhem Holland via A-DX)
			Und japanische DXer berichteten dass eine Spende aus Japan die Anschaffung von zwei neuen Sendern und deren kürzliche Errichtung auf 6080 und 9545 kHz ermöglicht hat. Die alten Schätzchen (5020) wurden ja vorher meist von australischen oder RNZI Technikern repariert und gewartet. Ich höre soeben 1605 UT rap Musik genau auf exakt 9545.000 kHz mit eingestreuten 'Happy New Years' Interviews per Telefon, drunten in Brisbane mit S=9+5dB und daneben 9540.0 R Liberty Russisch aus Lampertheim und 9550.0 VoVietnam, beide muss ich 'wegdrücken', beide stören auch dort 'in der Nähe' doch stark. (73 wolfgang Bueschel via A-DX)
9545	Dec31	2035	A definite signal here at 2035. Nothing else is listed. Will have to camp on this freq
9545	Jan3	0810	before 2000 to see if SIBC signs on then. Dave Valko, Dunlo, PA Just listened to SIBC on 9545 kHz and at 0810 they mentioned receiving reports from all over the world, including Europe, esp. Sweden and mentioned one listener name, but I
9545	Jan4	0935	didn't catch it. 73, Mauno Ritola Solomon Island SIBS hear well here in over one hour. Discusses the childreen studys in
9545	Jan 4	0049	school. First time I heard Solomon Island. DOÖ Chinese with an echo, plus some CCI, i.e. CNR1 jamming vs VOA Chinese via
			THAILAND at 00-01. So another time we can forget about hearing SIBC. Aoki shows

9545,0	Dec31	1130	however only three non-SIBC transmissions on 9545: 2200-2300 Jamming plus VOA Chinese via Philippines 2300-2330 FEBC Philippines in different Hmong dialects, M-F vs Sat/Sun 0000-0100 Jamming plus VOA Chinese via Thailand Philippine if not ChiCom signals are likely to be a big QRM problem for these 2.5 hours in the Solomons. Between 22 and 01, SIBC could use 6080 without QRMelbourne, but that too would confront two Chinese domestic services; 9 am-noon local time, maybe not so bad (Glenn Hauser, OK) Reactivated frequency - 9545.0, SIBC, with special extended New Year's Eve program into their local 2014; 1130 in Pijin with call in program with countdown till 2014; at 1300 UT New Year's Greeting at their local midnight 2014; "Happy Celebrations"; "8 minutes into 2014"; 1309 Nation Anthem followed by speech in English by member of the government wishing people a Happy New Year 2014 and about government services in 2014; at 1333 again with NA. Here at my location, 9545 is not the best frequency for SIBC due to a lot of heavy adjacent splatter making for long segments of unusable reception. <a href="https://app.box.com/s/uh2re5vqr8em4rzc8ax6">https://app.box.com/s/uh2re5vqr8em4rzc8ax6</a> contains audio clip of a portion of my reception. (Ron Howard, Asilomar State Beach, CA, USA)
9545,00	Jan4	1010	SIBC, Honiara talk by two men in English (?), music 15221 AP-DNK
9629,71	Dec31	2321	R. Aparecida 2321 "Angels We Have Heard on High" by choir during church service. //5034.99, and 11954.92 both poor. This freq was good. Dave Valko, Dunlo, PA
9635	Dec21	1301	R.Mali, Kati, francês, notícias, após o que se seguiu progr. musical, em dialecto; 35443,
9635			modulação fraca. Carlos Gonçalves ORTM Bamako, Mali, 1718 UT, SIO 454 Jan 4 Sehr schönes und ungestörtes Signal aus
9635,78v	Dec23	1058	Mali. Christoph Ratzer Voz do Vietname, Son Tay, vietnamita, texto; 24432, em perda, mas ainda audível, às
0645 29	Dag21	2210	1200. Carlos Gonçalves  P. Rondsignetes 2218 and of Physics 7V Pop song and into another song //11025 18
9645,38	Dec31	2318	R. Bandeirantes 2318 end of Bluesy ZY Pop song, and into another song. //11925.18 which was very choppy and poorer Dave Valko, Dunlo, PA
9705			unid (tent. Eritrea) 9705 -1800* Jan3 Ich konnte die Station heute identifizieren: Es ist kein Exot vom schwarzen Kontinent auf 9705, sondern die Voice of America in Kurdisch von 17-18 Uhr UT, Standort unbekannt. Das Signal bietet von S5 bis S9+ alles in einer Sendung, also auch echtes DX 73 Christoph Ratzer
9730,80v	Dec27	1010	Myanmar Radio. Heard with slight drift. A check at 1103 found they had switched tx to exact frequency tx. Really in a state of flux! (Ron Howard, San Francisco at Ocean
9765	Dec21	-1058*	Beach, CA, USA) R.NZi, Rangitaiki, inglês, canções, maioritàriamente clássicas da época; 45444. Carlos Gonçalves
9935L	Dec26	1321	Baltic Sea R. Found they were on here from the chat, tuned in, and could barely hear mx at 1321. Sounded like anmnt at 1323 before I tuned away. Much much too weak, but definitely there. Dave Valko, Dunlo, PA
9965,0	Dec25	1955	R. Thailand, Int'l @ 1955 annes: "Broadcasting from the Public Relations Dept, Royal Thai Government" ID by OM anner. Into "Jingle Bels" and Xmas greetings by OM and YL in EE. Rippel, VA
11695	Dec24	2030	Radio Australia, Shepparton, Christmas function, fair Giampiero Bernardini
11725	Dec24	2034	R. New Zealand Int. Christmas prg, weak Giampiero Bernardini
11735	Dec22	1915	Zanzibar BC, Dole, suaíli, texto, canções; 45444. Carlos Gonçalves
11735	Dec26	2100	Spice FM (via ZBC) 2100 Some promos, then long Rap to 2103 w/ments of Spice and Internet, then siren and M DJ w/ment of "Tanzaniaiaia" and Spice at 2103:45. And off at 2104. Dave Valko, Dunlo, PA
11735,00	Dec31	1810	Zanzibar Broadcast. Corp., Dole Swahili news, mentioning Dar-es-Salaam, Mombasa and Zanzibar several times, 1824 muslim singing 45444 AP-DNK
11755	Dec24	2038	AWR, Meyerton, happy songs, Christmas prg, very good Giampiero Bernardini
11760	Dec24	2043	R. Habana, Cuba, DXers Unlimited DX prg. good, in English. Giampiero Bernardini
11764,8	Dec24	2048	Radio Deus è Amor, Curitiba, Brazil, religious as usual, very good! Giampiero Bernardini
11775	Dec24	2055	Radio Algerienne, Issoudun, French, Arabic & French, ids with frequencies, closing bc, fair, QRM Dr. Gene Scott, The Valley. Giampiero Bernardini
11815	Dec24	2100	Radio Brasil Central, Goiana, talks, id, songs fair/good Giampiero Bernardini
11927	Jan1	0007	CNR1 0007 prob. nx by M in CH w/soundbites. Strong off freq. //15550, 11960, 7290, 7275, 7230, and 11925, so 11927 is not 11925 off freq. Wonder what's going on here. Dave Valko, Dunlo, PA
12085	Dec23	0953	Voz da Mongólia, Khonkhor, mongol, texto, canções, ID, sinal de ID, progr. em mandarim, às 1000, sinal de ID, progr. em japonês, às 1030; 25432, em perda acelerada. Carlos Gonçalves
13960	Dec28	1630	Piratestation Boston a pirate from USA transmitting with 1.2 kW. Played in the
15190	Dec29	1545	programme: Pink Floyd Joe Walsh and Leonard Cohen. DO Radio Africa. Intermittently in the clear, when Radio Santec (IRRS via Tiganesti) went

silent trying to broadcast in Swahili, but mostly off the air. Radio Africa with missionary stories from Christian Aid Mission; 1553 longer than usual local Radio Africa ID with website and postal address given; again, these local IDs are common now (Ron Howard, Asilomar State Beach, CA, USA)

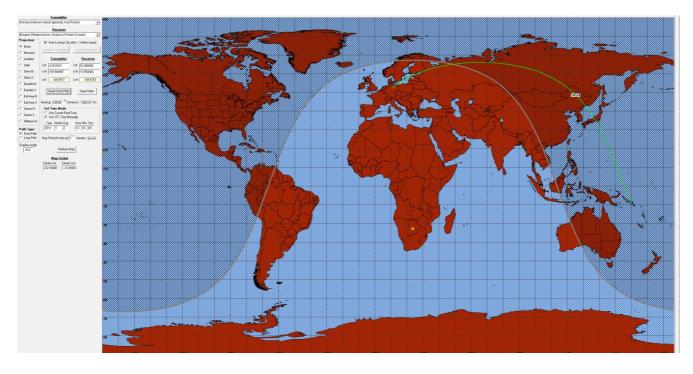
21455 Dec27 1547

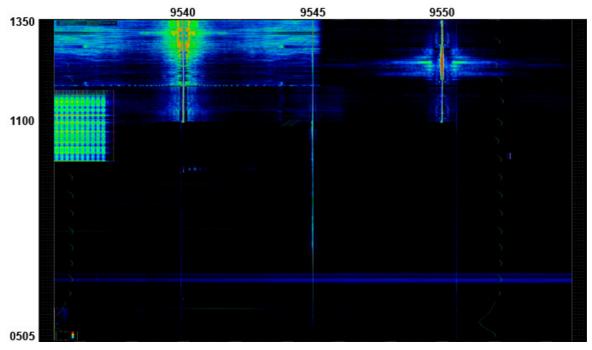
R. Borderhunter 1547 greetings. 1600 great peak when acknowledged e-mail from John Herkimer. Was getting S5 local noise which ruined reception. Mentioned upcoming low power test. Started at 1621 cutting the power down to 150w. Over the next 20 min. went all the way down to 500mw but could only copy it down to 2 watts. Switched to 13960 at 1657 and did another test, although this freq was weaker and didn't have as much success here. Went into a QSO w/Dr. Benway at 1742. Dave Valko, Dunlo, PA



**SIBC 9545**, best signal in Salzburg around 1030 UT as Nils Schiffhauer also mentioned in A-DX. Enclosed a screen from PropLab for 1030 UT from 2014-01-02.

The green line shows the reception path from transmitter to receiver. /Christoph Ratzer





This picture is a reduced sized IQ analysis of SIBC on 9545 by Nils Schiffhauer from 2014-01-02 starting at 0501 and ending at about 1350. (picture via Christoph Ratzer)

The original file is 8 MB and I used Photoshop to reduce and compress the file. /TN

## Nils Schiffhauer also says regarding a SIBC frequency measurement of 9544,989 from someone:

... precise measurement of broadcaster's frequencies on shortwave depends on many factors. Quite obvious, a reliable and stable oscillator of the receiver is prevalent. I am using an SDR-IP with a GPS-disciplinedoscillator. But even with this setup, some effects like phase noise of transmitter, doppler effects, multipath, scatter etc. do limit precision to about plus/minus 1 Hz on shortwave. On medium wave, they usually are much better.

Having said this, I today measures SIBC's frequency from 07:00 UTC (fade-in here) to 15:20 UTC. Signal started on 9.544,996 kHz and slowly went upwards to never more than +3 Hz. It never reached 9545,000 kHz. Especially during "greyline enhancement" (hence, best reception!), doppler and multipath usually make exact measurements even more difficult (plusminus 2 to 3 Hz is a nice figure). Precisely measured frequencies can figure out even two GPS-disciplined transmitters (the majority of them seems not) on one channel due to their different paths and different doppler effect/deviation from their frequency. With some training, you can also see sunrise/sunset at a glance. Also, you can follow the regulation of a transmitter's oscillator by watching a sinus or, more often, a zig-zag-like curve. One sinus can be very slow, e.g. one or two hours. So be patient. (73 Nils, DK8OK via A-DX)

#### **Proplab-Pro Version 3**

**Proplab-Pro Version 3** is a sophisticated ionospheric radio communications tool, capable of handling and diagnosing some of the most complex radio propagation problems that nature can provide.

Proplab-Pro Version 3 is easy enough for the novice to use, yet powerful enough to provide research-grade results for professional or scientific purposes.

#### Map location settings

The map option will be used frequently and let you set up several propagation circuit parameters,

**Map projections.** Thirteen different kinds of map projections are available: Mercator, spherical hemisphere and oblique Azimuth projections.

**Short/long Path**. This is the classical toggle selection between the two paths. Here one note: the 3D ray-tracing engine is limited to short-path only or 20 000 km (half-way around the globe)

**Gray angle.** Allows defining the width of the grayzone in degrees, (after sunset – ahead sunrise, use a negative value, this means the sun below the horizon). One degree equals four minutes in time.

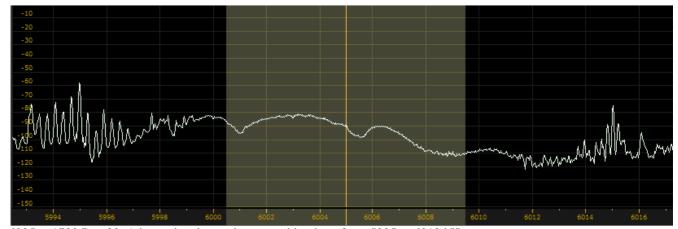
**Transmitter and Receiver Locations.** The same classical methods as with Proplab-Pro 2 are available. A truly great advantage with Version 3 is the enormous database of worldwide locations with their latitude/longitude coordinates and even their altitude (for the altitude see later). Speaking of databases, Proplab-Pro 3 is equipped with one of the largest city databases in the world, nearly 600 000 KB. You can easily and quickly look up any of the over 5 million city and place names included in the database. A minimum of 3 characters and waiting 3 seconds after typing your last character is

enough to find the location(s). Simply choose the city that matches what you are looking for and click on it. The corresponding city latitude and longitude will then be displayed into the appropriated input boxes.

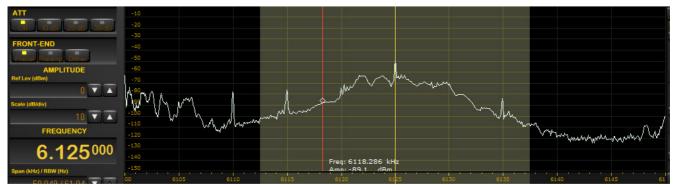
Read the full test here:  $\frac{http://www.antennex.com/preview/Mar608/proplab3-part1.pdf}{TN} \quad or here$   $\frac{http://www.spacew.com/proplab/}{TN}$ 

#### Strange signals in the 49 mb

Some very strange signals were noted on the 49 mb on Dec 30 and Jan 4 sounding like a switched power supply superimposed on maybe a CRI transmitter. Somebody who knows what this strange signals are?



6005 at 1720 Dec 30. A huge signal covering everything here from 5995 to 6012 kHz



6125 at 2350 Jan 4. A huge signal covering everything from 6105 to 6140 kHz. Gone at 0156 when China had signed off. /TN

## Station news

**ETHIOPIA** [non]. **Oromo Voice Radio** to start 1 January 2014. This Ethiopian clandestine will start shortwave operation on 17850 kHz at 1600 UT on 1 January 2014, with programming in Afaan Oromo and English. Further info with YouTube video at <a href="http://tinyurl.com/of3xqc4">http://tinyurl.com/of3xqc4</a> and on the broadcaster's own website at <a href="http://oromovoice.org">http://oromovoice.org</a> (David Kernick, Interval Signals Online, Dec 26, dxldyg via DX LISTENING DIGEST 13-52)

I've been monitoring 17850 since \*1600 Jan 1, 2014; fair-good signal but heavy flutter, and dead air! Finally talk starts at 1611 until 1612, but sounds like French?? Dead air again. Resumes at 1613-1615. Like they keep trying and failing to find the right program feed. Why do so many start-ups fail? You'd think they'd do dry-runs and have everything set up ahead of time. More on-and-off follows as reception deteriorates. Off at 1632\* Site? Probably Issoudun, FRANCE, which uses 17850 earlier and later.

Ivo Ivanov, Bulgaria, agrees: "At 1620 UT on 17850 is Radio France Internationale in French, instead of Oromo Voice radio"

*Tarek Zeidan*, Cairo: `Been checking 17850 from 1620 and I noticed that the conversation in French was on and off and then suddenly off the air at 1632 UT. SIO 343. Happy new year. Sent from my iPad``

*Jean-Michel Aubier*, France: "Same observations: dead air, segments in French, but it sounds like an RFI programme! Off the air at 1632"

Alan Roe, Teddington, UK: "Glenn, Noted the same here - a strong, clear signal with intermittent talk in French between a

man and a woman (seemingly talking between themselves, rather than to listeners?). Transmitter went off air at around 1630 UT (didn't note the exact time). (Glenn Hauser, OK, DX LISTENING DIGEST) Should that be OROMIA [non]?

viz. from website above:

Madda Walaabuu Media Foundation Launching Event, December 1, 2013 News

To All Oromos in Washington DC Metro Region, USA --- You are cordially invited to Madda Walaabuu Media Foundation Launching Event

Theme: Oromo Voice Radio (OVR) will commence broadcasting to Oromia

Venue: 1610 Columbia Rd. NW Washington, D.C. 20009

Date: December 14, 2013 Time: 3:00 p.m. to 8:00 p.m. [Ethiopian clock or ours?]

On January 1, 2014, the Oromo Voice Radio (OVR) will commence broadcasting to Oromia at the frequency of 17850 KHz in the 16 meter band. The new, independent broadcast will take place on Mondays, Wednesdays, and Saturdays. The broadcast service will be provided in two languages: Afaan Oromo (Oromo language) and English.

The OVR broadcast will include, not limited to, the following major segments: news, news analysis, guest interviews, documentary, and cultural shows. In its English broadcast, OVR will reach out to Oromo neighbors for the purpose of exploring and identifying areas of common interests and common strategies, which are relevant to the survival of the peoples in the Horn of Africa during the 21st Century.

The Oromo Voice media website (<a href="www.oromovoice.org">www.oromovoice.org</a>) will operate and function as the twin media outlet of this new critical and ambitious outreach to the Oromo nation and its neighbors. The Oromo Voice website, in addition to posting all the contents of the Oromo Voice Radio broadcast, will post other relevant educational materials - in that sense, the website will have more expanded educational services.

OVR and Oromo Voice website are owned and operated by the Madda Walaabuu Media Foundation (MWMF), which was established in October 2013 by a collection of concerned community leaders, human rights activists, feminists, attorneys, journalists and intellectuals.

MWMF is a non-governmental, non-partisan, and non-profit organization, incorporated and registered in Washington, D. C., USA. It is operated by the board of directors and the administrative staff under the direction of the Executive Director. The MWMF media outlets are run by experienced journalists. It is a membership based organization, which solicits the support and participation of all interested and committed Oromo and all persons of good will who have the desire to empower the Oromo and its neighbors so that that they can face the 21st Century in their own terms.

How can you support the new Oromo Voice media outlets? You can support this new, important initiative in three major ways: First, we wish to invite you to listen to the Oromo voice Radio broadcast. You can also visit our website, <a href="http://oromovoice.org">http://oromovoice.org</a> on a regular basis. Second, you can give us donations for seed money so that we can get this new media program of the ground. Third, you can become a member and support the success of this new media initiative on a sustained basis.

For further information about the Oromo voice media outlets and the MWMF, please visit our website: http://oromovoice.org

We thank you and look forward to working with you on this new and exciting educational endeavor (via DXLD)

SWAZILAND. Trans World Radio, 4760 Manzini. Dec 22, 2013 Sunday. 1625-1651. Tshwa (EiBi). Sounds like a radio play, at 1628 goats in the background. Ended at 1642, then YL talking. Suddenly off at 1644, into TWR IS then at 1645 id "Trans World Radio Swaziland". Then continued in presumed Tshwa (presumed because there are lots of Portugese-sounding religious words, sounding like e.g., JesuCristu, which would fit for Mozambique. More id's and IS at 1700\*, then off air (leaving no sign of Radio ELWA, which Aoki says should just be signing on). Both EiBi and Aoki say TWR should be a 1645\* sign off. Good, to Mozambique (EiBi). Jo'burg sunset 1700. (Bill Bingham, Johannesburg RSA, dxldyg via DX LISTENING DIGEST)

## Other radio news

## Radio ELWA building progress

13 September 2013

When the rainy season finishes in October, phase two of the building of the new radio studio will begin. Thank God with us for this progress!

The new short-wave antenna has arrived and the short-wave should be up and running by the end of November. We pray that we will soon be broadcasting the gospel further into Guinea, Cote d'Ivoire and Sierra Leone.

http://www.sim.org/index.php/content/radio-elwa-building-progress

http://www.elwaministries.org/AreasofMinistry/RadioStation/tabid/60/Default.aspx

#### **Radio ELWA Restoration**



**THE HISTORY** — Eternal Love Wining Africa, ELWA Radio, began in 1954 and over the following 35 years grew into a well-respected Christian radio, broadcasting God's Word into the unreached areas of much of West and North Africa. During the 14-year civil war in Liberia, the radio station was bombed and looted. Since the end of the war, the radio has been relocated to an old ELWA garage building. Sadly, in November 2011, this was completely burnt down and at present the station is working from a temporary building.

**THE VISION** — To restore ELWA Radio and enable all the people of Liberia, and countries further afield through internet radio, satellite and other technologies to hear the Gospel, be discipled and see their lives transformed.

**THE NEED** — We need to construct a new studio. Equipment, such as the computers, microphones and the main sound board need to be replaced.

We wish to provide a newsroom, studios and control rooms for live programs and the facility to record in a number of different languages.

Rough estimate \$300,000. We have the technical advice, a construction manager and \$132,000 already raised to start construction in November 2012. Would you be willing to come alongside our Liberian colleagues and support this opportunity to reach those who have not heard the gospel?

If you would like to give towards rebuilding the station, please contact your nearest  $\underline{SIM}$  office or give online to project **95107**. Thank you and God bless!

(From http://www.sim.org/index.php/project/95107)

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Received today a "QSL" from Moses Nyantee: Thanks a million for your reception report. Your report is correct. We are on a test broadcast on a one Kilo Watt transmitter. The test broadcast will go up to December 31. thank you. /Christoph Ratzer

#### **Woodpecker Rebirth**

Looks like Russia is going to rebirth the Woodpecker. The following article is from VOR via Space Daily Newsletter Joe Buch Florida.

#### Russia rebuilding lost radar coverage by Staff Writers Moscow (Voice of Russia) Dec 22, 2013

The commissioning of a Konteyner radar station in the Russian region of Mordovia east-southeast of Moscow has marked the completion of the latest part of Russia's programme to patch up its radar surveillance coverage, which developed huge gaps after many of the Soviet radar stations were taken over by new states and many others fell into post-Soviet disrepair.

Adding to this misery is the fact that many of the Soviet Union's former allies are now in NATO. This means the holes in Russia's air and space defense system have to be closed, and closed immediately. Hence the deployment of several Voronezh missile-detecting radars and now of the Konteyner radar.

A classical radar utilizes ultra-short radio waves or microwaves and therefore cannot see beyond the horizon.

Long-wave radars, which can, are impractical because of their huge antennas and immense power appetites.

In the 1980s, the Soviet Union developed its Duga shortwave radars, which can see beyond the horizon due to the multiple reflection of short waves from the ground and the ionosphere.

It positioned radars of this type near Komsomolsk-on-Amur in the Far East and near Chernobyl and Nikolayev in Ukraine. Unfortunately, the Chernobyl nuclear accident and the break-up of the Soviet Union put paid to the Duga programme.

In the 1990s and the 2000s, the NIIDAR institute developed its Teletz, Volna, Podsolnukh and Laguna radars, which utilize the ability of short radio waves to travel beyond the horizon due to diffraction amid surface relief elements. These radars have proved to be quite useful in controlling Russia's 200-mile coastal economic zone.

And now comes the Konteyner, capable of detecting aircraft and missiles, both ballistic and cruise, popping up at 3,000 kilometers away at altitudes of up to 100 kilometers.

Moreover, its angular coverage is close to 180 degrees, allowing Russia to make do with a mere handful of such radars. Importantly, the Konteyner features a modular set-up, making it easy to assemble and easy to service.

The Konteyner complex built in Mordovia consists of several towers supporting big receiving antennas. The transmitter is located in the neighboring region of Nizhny Novgorod.

The next Konteyner station is to be built in the Russian Far East. In total, there should be as many as six by 2020. Together with the Voronezh stations, they will forever close the radar surveillance gaps around the country's borders. (via Joe Buch, DXLD) WTFK?

#### P's & P's in WRTH

**The WRTH 2014 arrived today**, so I start leafing thru it. There's always unexpected info to be mined from the fine print in this eagerly awaited essential annual volume.

On page 313, PERU, a couple SW stations are listed  $\Gamma$  ve never heard of, nor heard, nor I think has anybody. Apparently they are licensed, and may come on the air sometime:

4780, OAW7I, Radio OAW7I, Cusco

4800, OAW7J, Radio OAW7J, Cusco, 1 kW

No further info except their street addresses. From the key numbers they apparently have no MW siblings.

Anyone know anything more about these? Keep an ear on the frequencies for something besides Djibouti or China.

Papua New Guinea, page 308: typo in Wantok Radio Light frequency, 7235 instead of correct 7325 (tho it's inactive, not specified).

CRN - Radio Maria on 4960, also not specified as inactive

(Glenn Hauser, Dec 27, DX LISTENING DIGEST)

#### La Voz de las Cañas 25 year anniversary

Vielleicht von Interesse hier mal reinzuschauen: <a href="http://moladx.blogspot.com.es/2013/12/25-aniversario-de-la-voz-de-las-canas-y.html">http://moladx.blogspot.com.es/2013/12/25-aniversario-de-la-voz-de-las-canas-y.html</a>

(73 Fritz-Walter Adam via A-DX)

### **Elad FDM-S2 new SDR**

Elad is developing a new receiver: 'FDM-S2 after the well known FDM-S1. I posted few info on these blogs: <a href="http://air-radiorama.blogspot.it/2013/12/fdm-s2-il-nuovo-ricevitore-della-elad.html">http://radiodxinfo.blogspot.it</a> (ciao, Giampiero Bernardini, Milano, Italia)

#### **Glenn Hauser interviewed on BBCWS**

The direct link to this interview can be found here. The shortwave parts comes after about 8 minutes. http://downloads.bbc.co.uk/podcasts/worldservice/wbnews/wbnews 20131230-1825a.mp3 /TN

or here:

Kudos to our very own Glenn Hauser for a brilliant, articulate, take on the relevance of shortwave radio in his interview with the BBC: <a href="http://swling.com/blog/2013/12/bbc-news-on-the-long-term-survival-of-shortwave-radio/">http://swling.com/blog/2013/12/bbc-news-on-the-long-term-survival-of-shortwave-radio/</a> (Cheers, Thomas <a href="mailto:thomas@swling.com">thomas@swling.com</a> via DXLD)

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Well done Glenn. Very enjoyable segment, authoritative and to the point.

In 1970s and early 80s, majority of Swiss mechanical watch manufacturers went out of business - the inexpensive battery operated watches form Japan wiped out the market and sent them bankrupt. Everyone wanted an cheap yet superbly accurate and low maintenance timepiece.

25 years later, consumer's taste has changed. Watch enthusiast got sick of cheap and nasty; the new generation of aficionados 'rediscovered' the real craftsmanship and were prepared to pay thousands of dollars for inaccurate, high maintenance, yet high quality timepieces. Those Swiss makers who preserved tradition, kept the machinery, engineering skills and designs now command prices in tens of thousands of dollars. What would you rather have - one Rolex or 300 Seiko's?

The analogy with watches and short wave may be inappropriate, but broadcasters who are now in hurry to leave SW and detonate antenna systems could one day regret such short sighted decision.

There is no more affordable way to promote a nation pride and it's ideas, culture, political stands than to broadcast on SW. For the cost of one tank, one can employ hundreds of staff and continue to broadcast for years! The waste of both human resources, engineering skills and equipment is irreversible damage.

But most politicians are myoptyic.

(73 Nick VK2DX via DXLD)

#### What the heck is that Chinese station - time to find out!

New Year, time to learn a new DX skill - how about a small dose of Chinese? Here's your comprehensive guide to making sense of Chinese station identifications: <a href="http://www.dxing.info/articles/identifying\_Chinese\_radio\_stations.dx">http://www.dxing.info/articles/identifying\_Chinese\_radio\_stations.dx</a> (73, Mika Makelainen, DXing.info)

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Einen ausgezeichneten Artikel in englischer Sprache zur Identifikation von chinesischen Stationen hat Mika Mäkeläinen heute auf DXing.info veröffentlicht. Eine aktuelle und wirklich hilfreiche Arbeit für uns DXer um das Wesen des Rundfunks aus dem Reich der Mitte zu verstehen, auch wenn Chinesisch sicher für fast alle von uns weiterhin ein Buch mit sieben Siegeln sein wird. Danke Mika!

(73 Christoph Ratzer via A-DX)

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... danke, sowas habe ich immer gesucht: instruktiv, bezogen auf DX, wunderbare Klangbeispiele. (73 Nils Schiffhauer via A-DX)

## DXpedition to Masset 26 Dec 2013 to 3 January, 2014

**A very interesting expedition report** has been uploaded to DXPlorer and DXLD by Walt Salmaniv. There are lots of interesting information in the ingress and also a massive log from both MW and SW.

Read the full story here:

http://groups.yahoo.com/neo/groups/DXplorer/conversations/messages/30548 or here:

http://groups.yahoo.com/neo/groups/dxld/conversations/messages/73505

/TN

### CELEBERT BESÖK I LUND

Disputation i Lund den 5 december. Närvarande bl a den brasiliansk-bolivianske DX-aren Rogildo Fontenelle de Aragão och hans fru Pilar. De hade trotsat vädrets makter den hårda stormen i Skåne, för att se och höra dottern Rosa Aragão Börner försvara sin doktorsavhandling "Exploring Anaerobic Bacteria for Industrial Biotechnology".

Rogildo är ingenjör, född i brasilianska Nordeste, närmare bestämt i Fortaleza, men bor och arbetar i i närheten av Cochabamba, i Bolivia. Han har vid många tillfällen ställt upp och hjälpt nordiska DX-are ta fram QSL från mer eller mindre omöjliga stationer. Tänk bara på Radio Ayopaya, 3345, Radio Andina, 1390, Radio Quillacollo, 1560... Vi är flera som är glada och tacksamma för allt Rogildo gjort för oss.

Diverse omständigheter gjorde det omöjligt att träffas den här gången, men enligt vad Rogildo



Rogildo Aragão med dottern Rosa

berättade innan han reste till Berlin, där mågen har sin familj, och till Madrid där hustrun har flera av sina familjemedlemmar, så är det möjligt att han kommer till Sverige på nytt redan i sommar.

Till dess, en kram och ett stort grattis till Rosa. Grattis också till hennes föräldrar som jag önskar en lyckosam resa hem till Bolivia.

#### /Henrik Klemetz

Här kommer några trevliga verifikationer som Rogildo Aragão hjälpt till att få fram åt svenska DX-are.



QSL från R Andina som Rogildo Fontenelle de Aragão fixade till Torolf Johnsson när han rapporterade denna station 2006.



## '' Fomento a la educación y recuperación DE TRADiciones Culturales"

Casa de la Cultura Ayopaya, Independencia, calle Colón N°5, Casilla 2433 Tel-Fax: 00591 4 244909, E-mail: culayo@supernet.com.bo

RADIO AYOPAYA
"La voz de los andes"
FM 96.5 Mhz, AM 3344 Khz
Independencia-Ayopaya

## **CERTIFICADO DE SINTONIA**

Radio Ayopaya certifica que :

El Señor: Jan Edh

En Fecha: 07de julio de 2001

A Horas: 23.55-00.15 hora UTC

En (pais): Suecia - Hudiksvall

Recepciono la radio: AYOPAYA

En la Frecuencia de: 3344 Khz

Con el receptor: ICOM R 7/5

Y antena: Beverege 700 metros dirigida en America del Sur

Observaciones: Recibimos su carta por correo electrónico.

HEMOS VERIFICADO Y CONSTADO QUE TODOS LOS DETALLES TÉCNICOS DE RECEPCION REALIZADOS POR EL SR: JAN EDH SON CORRECTOS Y CORRESPONDEN A RADIO AYOPAYA "La voz de los Andes".

Es cuanto certificamos en honor a la verdad para fines que convengan al Interesado.

Cochabamba, (Independencia) 18 de septiembre de 2001

Lic. Norma estrada E. COORDINADORA

Ing. Jorge Aquino A. ASESOR

Denna verifikation fixade Rogildo Fontenelle de Aragão fram åt Jan Edh på en rapport från 2001. Utöver detta QSL-brev fick Jan Edh två tättskrivna sidor med information om stationen, dess program osv.