

SHORTWAVE BULLETIN

Issue no. 1791, Feb 16, 2014.

Deadline e-mail next issue: 0900 UTC, March 2, 2014.

Inspirerad av gårdagens stafett triumf för det svenska damlaget i OS i Sotji, var det ingen tvekan om att dagens herrstafett måste ses. Tack vare DR1 så kunde denna defilering av det svenska herrlaget beskådas. Vilken utklassning!

Idag kunde man i publiken både se Putin samt det svenska kungaparet. Måste kännas skönt för ryssarna att plocka hem en silvermedalj.

Som ni ser här bredvid så har vår gamle superDX-are Olz på gamla dagar drabbats av DX-bacillen. Hur kul som helst. Stort tack till GN, BOS och LAB som hjälpt honom både med antenndragning och att sätta utrustningen i ordning.

Som ni ser så sitter de gamla takterna fortfarande i.

På KV hart det varit ganska dåliga förhållanden några veckor. Ingen riktig fart på signalerna. Som tur var kom det en fin öppning på MV mot speciellt Colombia den 7 februari. Så det får bli fler tips till ARC än till SWB denna gång.

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

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.

Det är mycket trevligt att en riktig gammal kämpe nu åter hittar tillbaka till DX-ingen trots alla svårigheter efter att ha drabbats av en hjärnblödning. Tyvärr har det blivit så att KV håller på att dö ut helt vad gäller LA-stationer. Men för alla så finns det en startsträcka innan allt är på plats. Om jag minns rätt, så var det framförallt MV och LA som gällde för Olz på den tiden det begav sig. Vi hälsar denne otroligt duktige DX-are mycket välkommen i gänget och hoppas något trots allt kan kittla vad gäller KV. Läs hans presentation nedan och kolla in hans läge invid Umeälv kloss inpå storstaden.

Dan Olsson: Hej! Jag skickar lite tips ifrån vår lyssnarnatt som vi hade 8-9". Vi hade ute en ALA-loop i norr-söder och en longwire på 400 meter i väster. Dessutom provade jag att dra ut 1 meter på en 250 metersrulle och la den på en stol sidan om radion. Det visade sig att jag hade lika bra signal på den som på den långa antennen.

Tyvärr så går jag just nu en hård match mot landstinget här i Skåne då de inte vill operera min njursten som enligt dem är 1 mm för liten. Detta innebär att jag varannan vecka sitter på akuten för att försöka tjata ut dem. Jag har ont varenda dag och måste ta smärtstillande med resultat att man jämt är trött. För att pigga upp lite har det också kommit lite QSL: **6190 China Buisness Radio** kort, **6220 R Rode Adelaar** e-brev o kort, **6240 R Monique** e-brev o kort samt **6280 R Silverback** e-brev o kort.

Björn Olsson: roligt och oväntat att höra av dig. Jag svarade dig dan efter jag fick ditt erbjudande om gratis SWB, klart jag vill det! Tittade just i korgen Utkast och hittade mitt brev där så tydligen nådde det dig inte. Så jag säger som brassarna brukar då de stänger: " A manha voltaremos de novo com muito entusiasmo e boa vontade.." (Vi återkommer med förnyad entusiasm och välvilja...)

Även om jag lyssnar på KV och då LA som BOS har läckt, så har det varit i brist på MV-antennerna. Som du kanske vet så drabbades jag 2006 av en hjärnblödning och sitter sen dess i rullstol, men goda vänner som GN, BOS och LAB har satt upp en antenn på 900m mot ÖKNA+VI + HJ+YV och 500 m mot La Plata under natt-Dx men visade sig fyra förnätter 16-19 jan gå även gå super mot Anderna. Jag noterade då 23-0200 SNT ca 20 peruaner och ett par troliga bolivianer mellan 1600 och 1280 kHz.

Jag hade just kommit igång då och lyssnade bara. Ingen inspelningsutrustning hade jag då ännu hunnit skaffat mig, så dessa fyra andinska förnätter är bland de mest otroliga DXnätter jag upplevt sen DX-starten 1967. En enda peruan fick jag så många ID på att jag är helt säker, Radio Nuevo Tiempo, Huancayo 1600. Dessa fyra andinska nätter, de ÅR DE MEST HÄFTIGA DX-stunder jag haft sen jag började DX:a.

Nåväl det gav mig ett rejält återfall i DX-drogen, så sen dess har jag lyssnat varje natt och nu med inspelningsutrustning! Konds har varit mkt bra mot NA om än litet enahanda, östkust-NA, som vägrat att gå innanför NY, NJ, ME, MA. Enda undantaget var 21 jan då FL gick på 1140 och VA gick på 1140 och 1350. Den 8 februari kom störningen som jag hoppats eftersom jag ville ha brassar. Den 13 feb kom de sent på efternatten på höga fq där det ekade av sertaneja på varje fq.

Det var en rapport om mitt liv som pensionär på Gran. Bifogar ett flygfoto av mitt hemman Gran, 16 hektar åkermark 3 km från Umeå centrum och där jag nästa säsong hoppas på hjälp med nya antenner. KV- DX blir det nog då och då särskilt under våra ljusa sommarnätter. Ser fram emot nästa SWB, Sin otro más, /Björn, Gran



Flygbild över Björn Olssons hemman, Gran 16, endast 3 km från Umeå centrum. Vilket DX-läge!

Log

(UTC)

2485	Feb14	1200	Australia, VL8K Katherine NT 1200 to 1220 fading in with om chat, nothing on OZ 2325. (Wilkner)
2850	Feb5	1125	North Korea , Korean Central Broadcasting Station 1125 to 1136 yl talk fair signal. (Wilkner)
3310	Feb14	0030	Bolivia, Radio Mosoj Chaski, Cochabamba 0030 to 0036 noted with weak signal on 14 February, same time previous days (Wilkner)
3325	Feb15	2250	RRI Palangkaraya with nice mx not that strong but very clear. TN
3325	Feb6	1210	Papua New Guinea, Radio Buka, Kuba 1210, yl talk fairly certain this was the Papua New Guinea and not the Indonesia (XM)
3326U-	Feb4	1219	via Honolulu(?). Tuning in for RRI Palangkaraya (3325) and heard instead this with weather forecast and sea conditions; "Tropical storm warning" for cyclone Edna; short breaks between items which ended with "Honolulu, Hawaii." Perhaps someone who is more knowledgeable about this type of broadcast can tell us more. Two minute audio at https://app.box.com/s/vgkr4r2utt4sumb7c9ej (Ron Howard, San Francisco at Ocean Beach, CA, Etón E1, dxldyg via DXLD)
3364,85	Feb14	0110	Radio Cultura, Araraquara, SP 0110 noted till 0200 in Portuguese ... (Wilkner)
3365	Feb6		Tent. Radio Milne Bay.....threshold 6 February (XM)
4045u	Feb5	1220	Cuba, Veradero 1220 to 1223 motor-sailing vessel regarding weather information for voyage (Wilkner)
4604,95	Feb10		heard a very weak station here; unable to ID language. I have checked this frequency for a very long time, but have heard nothing until today. Checking for possible reactivation of RRI Serui. Could it be? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4660	Feb14	-1631*	AIR Leh rather weak. Sign off 1631. TN
4699,9	Feb6	2335	Radio San Miguel, Riberalta 2335 to 2345 on 6 February with weak om español signal, seems off 2300 to 0030 on some scans (Wilkner)

4716,65	Feb15	0000	Radio Yatun Ayllu Yura, Yura 0000 to 0025 fair signal, with music (Wilkner)
4717-	Feb14	0058	R. Yura no doubt on characteristic off-frequency, very poor to poor but enough for some music to be heard. A month ago, Bob Wilkner measured it on 4716.65. Stig Hartvig Nielsen visiting Bolivia doesn't split kHz, but said it's just R. Yura, forget the Yatun etc., stuff as in listings (Glenn Hauser, OK)
4749,95	Feb11	1240	RRI Makassar. For about ten months now they have not carried the Kang Guru Indonesia (KGI) programs in English, until today (Feb 11). Heard at 1240 with bits and pieces of English, sounded like the KGI program, but that still needs to be confirmed. Mostly in English with some Bahasa Indonesia; played a pop song (as usual); signal slowly improving against the QRM of China and Bangladesh; program ended 1255, so probably still close to a 1230 to 1300 schedule. Certainly believe in the coming Tuesday's that Atsunori Ishida and I will be able to confirm KGI as a regular program. KGI website - http://www.kangguru.org/ (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4750	Feb6	1207	Bangladesh, Betar Home Svc, 1207.... yl talk, music....fair (XM)
4750	Feb5	1150	Bangladesh, Bangladesh Betar 1150 to 1245 fade out, subcontinental music, om and yl at 1210 (Wilkner)
4755,53v	Feb10	-1157*	PMA-The Cross Radio. immediately off after DTMF tones at 1157:01*. Last measured 1157:14*, Jan 15 (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4759,993	Feb14	1630	TWR Manzini with ID at 1645. Only S7-S8. On 4760,01 a carrier which ought to be AIR Port Blair. TN
4819,5U-	Feb14	0103	as I am bandscanning for South Americans, encounter a paramilitary net, with the impressive name repeated by NCS with every call, ``Eighth Western Rivers Contingency Communications Net``. His call is in a format I haven't heard before, given fonetikaly, NF85AR. He's calling state by state, Kansas at the moment, and gets a reply from NM85AO, both `loud & clear` and later mentioned as running 10 watts. 0106 calling Minnesota; 0107 Arkansas, gets reply from NF85JD in Little Rock, who starts to give his W5 ham call by mistake; then Michigan, NF95GD. NCS et al. complain of CODAR QRM (so do I) but are pleased with how well this apparently new frequency for them is working propagationally, and should hold up until sunset becomes too early in spring. After inviting check-ins from anyone else, no takers, full ID by NCS as ``This is Coast Guard Auxiliary Radio NF85AR``, and securing the net at 1914 CST = 0114Z. Thruout, there was a het from carrier on 4820, probably Lhasa, possibly Kolkata, as there is no Latin American. Later, Googling on the full name of the net, I reach nothing but this 26 page PDF all about it: http://www.trlmo.com/cgaux8wr/WR/wr_2013_4.pdf That's their fourth quarter 2013 newsletter. From that, it appears there are lots of YLs (or XYLs) involved in this aux, but no feminine voices did I hear on the net. Further searching finds this map of USCG Districts: http://www.uscg.mil/top/units/ No. 8 is the great center of America, from ND to TX, from NM to the FL panhandle, WV, the SW corner of PA, and parts of the Great Lake states not adjacent to the Lakes. Here's the Eighth District, HQ New Orleans: http://www.uscg.mil/d8/ But what about the Western Rivers?? ``"Western Rivers" means the Mississippi River, its tributaries, South Pass, and Southwest Pass, to the navigational demarcation lines dividing the high seas from harbors, rivers and other inland waters of the United States, and the Port Allen-Morgan City Alternate Route, and that part of the Atchafalaya River above its junction with the Port Allen-Morgan City Alternate Route including the Old River and the Red River``. That seems rather too restrictive, until you consider that the Mississippi River and its tributaries includes the Ohio, Missouri and Yellowstone all the way up to Montana. It would not include the Rio Grande/Bravo, but New Mexico is part of this anyway. I don't expect to find net schedules, as such info is generally restricted, so I start searching on the callsigns. NF85AR brings right up a roster of some 300 stations which is supposedly restricted, for official use only, so I am patriotically not giving the link, but: NF85AR is Douglas Eubanks, Bellevue NE, NM85AO is Homer Sykes in Topeka KS, NF85JD is John Donar in North Little Rock AR, NF95GD is Gary Dawkins in Hesperia MI (Glenn Hauser, OK)
4834,57	Feb2	2350	Unid 2350 to 2355 español during band scan (Wilkner)
4835	Feb14	0023	Ondas del Suroriente, Quillabamba , 0023 om en español signal noted to 0050 on 14 February; 0000 to 0010 noted in español during band scan on 15 February and previous band scans same time (Wilkner & XM)
4875	Feb15	0012	Rdif Roraima, Boa Vista RR 0012 to 0015 with lively music in Portuguese, very strong signal (Wilkner)
4985	Feb15	0010	Radio Brasil Central, Goainia 0010 music, no rtty for once, om vocal into yl vocalist, 0025 musica romantica possible cover for English song, 0100 chorale music, no ID heard 15 Feb (Wilkner & XM)
4985	Feb16	0101	Finds few signals from S America, and the only readable Portuguese here, i.e. R. Brasil Central, with the usual heavy RTTY taking Saturday night off. Nothing audible on 11815,

RBC //, not propagating or off? Lots of flutter on all Brazilian signals including RNA on 6180 (Glenn Hauser, OK)

5005 Feb15 2245 R Bata better than usual this evening with S6 signal. TN

5010,94 Feb14 1640 R Madagasikara with weak signal. TN

5025 Feb9 0820 R Rebelde överraskade med att spela carless whisper med George Michel. DO

5040 Feb8 2230 R Habana Cuba pratade om en musikfestival i Paraguay och Hugo Chavez. DO

5459,9 Feb14 0030 Checked this frequency when I saw Robert Wilkner's log of R Bolivar. Noted only a rather weak carrier here and only a few hints of music. TN

5460 Feb14 0056 JBA carrier. I had just finished a monitoring session and turned the computer back on only to find this: ``5460 tentative Perú, Radio Bolívar, Cd. Bolívar, 0020 to 0039 possible reactivation, first time noted this season. Fair signal in South Florida. 73s (Bob Wilkner, Pompano Beach, South Florida, UT Feb 14, DXLD)`` ----- So turned computer back off and tried for 5460; typical signal comparison here to what Bob gets. But this led to several other good logs, back on the porch with DX-398 as it's warmed up enough to be tolerable, and most of the past sesquiweek's snowpack has finally melted (Glenn Hauser, OK)

5460 Feb14 0020 Radio Bolivar Cd. Bolivar 0020 to 0039 possible reactivation....first time noted this season music in deep fades. Confirmed as Radio Bolivar by *Pedro F. Arrunátegui, Lima Peru*, [Thanks](#) 14 February (Wilkner & XM)

5780 Feb15 2240 Horizon FM, Tenerife pirate station strong with good music. See more info below, several DX-ers on the A-DX list also heard this station.TN

5820 Feb10 -0256* New frequency 5820 for "radio station YHWH" (religious pirate). He continues to like to really jump around in frequency; normal Monday (UT) broadcast ending with the usual weird vocal/music followed by abbreviated sign off - "Thank you for tuning into radio station Y-H-W-H." Brief attached audio (Ron Howard, San Francisco at Ocean Beach, CA, Etón E1, dxldyg via DX LISTENING DIGEST)

5830 Feb8 2130 OID pirat reläade R Horizon som är en FM-station på Teneriffa. DO

5965,00 Feb12 0900 Radio Klasik? Recently when I tuned in here about 1145, all I could hear was CRI with a very strong signal; no hope of hearing anything from off frequency (5964.7v) Radio Klasik from 0900 to 1557. Feb 12 found unusual situation; CRI was heard as normal on 5965.00, but underneath that I clearly was hearing a station, also on 5965.00, that sounded like Radio Klasik. Suspect another instance of the older, lower powered, off frequency tx being down and their running the newer, more powerful transmitter on the exact frequency. *Perhaps others can check this after 1557 today, when CRI is off, to confirm my suspicion it is Radio Klasik with the stronger tx?* BTW - regarding the station name - For years they IDed (along with their neat singing KN jingles) as "Klasik Nasional." Then it seems their marketing guys wanted a new image, so they switched all IDs over to "Radio Klasik," (in 2012), but seems that did not take very well, so in early 2013 they went back to the traditional KN IDs. In 2014 they are again back to "Radio Klasik," per attached recent recording of ID. What has happened at the station to bring about this cycle of different IDs? Who really knows? (Ron Howard, San Francisco at Ocean Beach, CA, USA) ----- Just checked 5965 at 1530z Feb 12. CRI is on 5965,00 and Klasik Nasional FM on 5965,015. Checked the audio with their webstream and it seems to be the same px. Didn't wait for an ID so can't tell what ID they use. Nothing noted on their old frequency 5964,7. 73, Thomas ----- Thank you so very much for the confirmation. Great news, as the 100 kW tx does a much better job than the older 50 kW tx!!! Thanks again – Ron Howard

6070 Feb12 0642 I was hearing CFRX at 0642 Feb 12 with heavy ACI from Vatican; talk show, YL hosts seems, no more comedy overnight. Next check at 1437, could not detect a carrier, which should have been possible even in daytime. Would those closer to Toronto confirm whether it's still on the air in daytime? Glenn Hauser, OK)

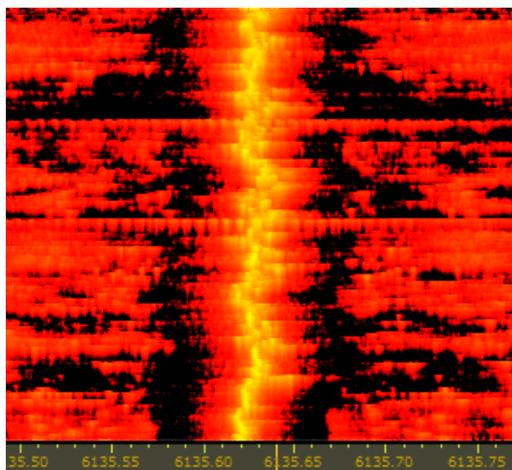
6070 Feb13 0631 check, CFRX is JBA vs Vatican 6075; at 1304, local news is poorly audible in noise level. I suppose the best window for CFRX will be 0500v-0627v, i.e. after Cuba goes off and before Vatican comes on, but I've yet to try it. Also presumably after Vatican from 0700, and before Cuba until 2400. So far, it seems to me that CFRX is much weaker than it had been before it vanished on Sept 5, per DXLD 13-37. So is it running less than one kW now and/or with inferior antenna?
Ken Zichi in Williamston MI, replied earlier: ``Hi Glenn -- I'm in their daytime groundwave 'footprint' here in Michigan, and indeed they have been audible (better than at night) during the day -- it appears they are on 24/7 -- at least they are there whenever I've checked yesterday and today. Apparently whatever was broken in their SW transmitter is now fixed. At night they suffer from EXTREME QRM from Cuba and sometimes 'skip over my head' so reception is actually better during the day than at night here. 73 //Ken Zichi`` (Glenn Hauser, OK)

6070	Feb13	2222	checking for reactivated CFRX Toronto: it's just barely audible, much weaker than e.g. 6090 Anguilla, which is much weaker than 6115 WWCR, which of course counts on 100 times the nominal power of CFRX and no doubt a much higher gain rhombic antenna. I was going to recheck before 2400 as RHC is to come on 6070 at 0000, and at 0001 UT Feb 14, it's not yet too late: no RHC on 6070, and CFRX is much better now, tho RHC is spluttering from 6060. ``Newstalk 10-10`` attributions in news, but *0003 RHC carrier on, quickly ramping up power and overcoming CFRX, tho I can still make out an item about Mayor Ford before RHC modulation cuts on less than a minute later, just as they are mentioning a joint R. Rebelde/RHC program, apparently the music-fill hour sounding like folk Andean for starters. After that we can forget about listening to CFRX for the next five hours, as the best it can do is provide a bit of QRM to Cuba, q.v., making a low audible het (LAH) as Wolfgang Büschel has measured CFRX 36 to 41 Hz low, and RHC is presumably closer to nominal. How long will frequency manager Arnie prolong his ``bully`` reputation? (Glenn Hauser, OK)
6134,8	Feb16	0123	jazz and soon Radio Santa Cruz ID, no het now, as R. Aparecida has departed since last check at 0110. I was expecting RSC to go off first (Glenn Hauser, OK)
6135-	Feb14	0005	Spanish station with big het; 0007 timecheck for 20:07 ``en Radio Santa Cruz``, and music. RSC is on the low side, but what is the hetter on the hi side? Can't make out any audio from it, nor at 0057, and woefully incomplete HFCC shows *nothing* on 6135 between 2200 and 0300. So it must be R. Aparecida, Brasil, as in Aoki, which is overcomplete. My keyboard matches the het pitch to Ab5 which per my handy bookmark to Physics of Music-Notes, http://www.phy.mtu.edu/~suits/notefreqs.html is 831 Hz (rounded from two decimal places). So I haven't made a direct measurement of RSC tonight, but it's usually around 6134.8, only 200 Hz or so low. So R. Aparecida is probably about 630 Hz high on this occasion; known to vary more than Santa Cruz. Final recheck at 0114, they are still hetting each other. If it's this bad here, how can it be circumbolivia? (Glenn Hauser, OK)
6135	Feb14	0625	UNID. I am again hearing a het, but without measuring, seems a bit lower than the Bolivia/Brasil one I presumably had a few hours earlier. Is there a major broadcaster on 6135 now? Not per Aoki, beyond Madagascar and Yemen (misspelt ``Sanna``), but does show R. Santa Cruz with strange schedule signing *on at 0500! Aparecida is supposedly off between 0300 & 0800. EiBi agrees on Madagascar and Yemen (however unlikely those may be for such a het source), but shows RSC irregularly on air at 0210-0600, and Aparecida as 24 hours (Glenn Hauser, OK)
6135	Feb6	0750	Radio Aparecida, presumed, 0750-0810 threshold but occasionally om in talk and mx could be heard 6 February (XM)
6135,64	Feb14	0200	R Aparecida drifting around, just now "Com Mae e Aparecida" and enumerating the stations carrying this px. Strong. TN
6134,825	Feb14	0026	R Santa Cruz strong with a clear ID. TN
6135,85a	Feb16	0110	big het and some Portuguese audible tuning USB, so R. Aparecida. Nothing audible on 11855, off or not propagating? The other signal being of course BOLIVIA, q.v. R. Aparecida's new (?) transmitter has been wandering a lot but is stronger now, unfortunately for R. Santa Cruz. Other reports of it recently: Bryan Clark, NZ: 6134.90 at 0824 Jan 19; 6135.77 at 0708 Feb 6; only carrier 6135.85 at 0829-0917+ Feb 5. Dave Valko, PA: 6136.68, at 2335 Feb 7 (Glenn Hauser, OK)
6185	Feb9	0146	nothing but background noise is being modulated. Might have been during an event, but no change in it for 2+ minutes, be it crowd, surf, traffic, open STL, from Radio Educación; a pity as its signal is a little better than usual vs 6180 Brasil (Glenn Hauser, OK)
6210	Feb8	1515	Carmen R spelade Patty Smith i övrigt disco. DO
6220	Feb1	1520	R Rode Adellar spelade Sweet och The Archees. DO
6240	Jan25	0920	R Monique med South Street Player och The Captain & Tenilla. För mig helt okända artister. DO
6280	Feb4	1615	R Silverback med sitt andra program. Spelade Queen och Everly Brothers. DO
6285	Feb8	1415	R Verona med känd musik som Celine Dion och UB 40. DO
6320	Feb8	1640	R Boomerang med holländsk popmusik. DO
6815	Feb8	1545	R Sunshine med Angélique Kidjo och Patric Hernandez i programmet. DO
6910	Feb9	0905	Premier R spelade Leo Sayer. DO
7175	Feb8	1211	CNR1 // 6125. Probably jamming SOH in the ham band? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7265	Feb15	1200	Specialprogrammet från Sveriges DX Förbund. Här presenterades Volvo DX Klubb, det talades om antenner och Björn Fransson intervjuades. Sedan kom Sonja Persson till tals och programmet avslutades med en brevlåda. Trevligt! 3 CB. (Nästa program kommer den 9 mars kl. 18.00 på Radio Merkurs 1485 kHz och med repris över HLR den 15 mars kl. 12.00 på 7265 kHz). CB
7310	Feb9	0905	Atlantic 2000 via Kall-Krekel spelade Pet Shop Boys. DO

- 8989u Nicaragua "El Pescador Preacher" 0007 to 0010 still on with religious messages in español often off my 0000, 15 February (Wilkner)
- 9545 Feb7 0720 SIBC - Voice of the Nation, monitoring from 0720 to 1002. Fair-good; usual format; long segment with "service messages"; many items about the new biometric voter registration system to be used for the upcoming elections; very nice local programming. Honiara sunset at 0748 UT. Brief audio attached. "Eligible voters are advised to continue to listen to radio and check all forms of media outlets for update information about the whole process and its requirements that will enable you to successfully register. "
<http://www.solomonstarnews.com/news/national/21644-new-voter-registration-date-set> . (Ron Howard, San Francisco at Ocean Beach, CA, USA)
- 9545 Feb13 0757 SIBC - Voice of the Nation, 0757-0950. I know I am in a rut with this station, but it seems a shame not to enjoy it as much as possible when I have such good reception and they have such excellent local programming. Schedule of international flights; news in Pijin; speech before parliament; "service messages"; "bible reading"; "Derek Prince Legacy Radio" religious program; "Solomon Islands National University" program. Very readable! "S-I-B-C is the voice of the voiceless, the marginalized, the powerless, the invisible and the unreachable. Information is power, so share your story with us and it will change the life of another person, community and a nation. S-I-B-C, Radio Happy Isles, Voice of the Nation." Sports promo – football/soccer Telekom S-League games this weekend at Lawson Tama Stadium, with Solomon Warriors vs Malaita Kings, etc. Clear audio at <https://app.box.com/s/vlz7y8pfzi1dx6chzy96> (Ron Howard, San Francisco at Ocean Beach, CA, USA)
- 9730,0 Feb5 1100 from 1100 to 1111 with Myanmar Radio broadcasting ABC/ Radio Australia's "Lesson Five - Making Recommendations" (last week "Lesson Four - Checking In"); repeat of this Monday's program. As Glenn has pointed out, these programs are not at "noon" as Ms. Thainlar indicated in her email to me. Will inquire if there are any other times on Monday and Wednesday that these programs are carried. Thanks to Glenn for his comments. Today noted 1133*. Brief audio at <https://app.box.com/s/dhkhaqms7qrfnd0knz47> . Feb 3 (Monday), confirming the information received from Ms. Thainlar (Myanmar Radio's English Section) that ABC Radio Australia programs are on Monday and Wednesday. Heard 9730.00 at 1045 with OM, with Australian accent - "I recommend a restaurant close to here. May I suggest you try a local beer?" and in vernacular with ending announcement. Victor Goonetilleke (Sri Lanka) also was listening today and noted the program started at 1030 (Ron Howard, San Francisco at Ocean Beach, CA, USA)
- 9780- Feb8 1607 good signal in Japanese. I bet it's a Korean clandestine and since it's slightly off frequency, the site is Taiwan --- yes! Aoki shows Furusato no Kaze, at 1600-1630, 250 kW, 45 degrees from Tainan and thus also USward (Glenn Hauser, OK, DX LISTENING DIGEST)
- 12095 Feb9 0655 BBC World Service in EG to Africa 0655-0705, interesting shift can be observed at 0700 from Meyerton, South Africa, to Ascension, while the Meyerton signal is usable, the Ascension one is much better. (XM)
- 15420 Feb10 -1230* Radio Free Sarawak, per Aoki via Palauig-Zambales (Philippines), 1214-1230*. Fair-good reception. Audio <https://app.box.com/s/784ibkwbmkh1s28cg7f9> , with nice ID. Unusual propagation here! Feb 8, tuned in at 1134 to their usual phone conversations. Mostly fair to start with, but went downhill. By 1205 was completely lost. Feb 9 checked 1130-1145 to find not even a whisper from RFS (Ron Howard, San Francisco at Ocean Beach, CA, USA)

XM - Cedar Key - South Florida, NRD 525D - R8A - E5

Wilkner - Robert Wilkner Pompano Beach, South Florida 746Pro - Drake R8 Modified -Sony 2010XA - wire antennas



Radio Aparecida

As noticed on Feb 14 0200 – 0205 drifting a lot upwards. Noted by Glenn Hauser on Feb 16 as high as 6135,84. TN

Horizon FM on 5780 kHz

Einige Infos auf <http://maresmedx.blogspot.de/> Und auch die Senderhomepage hat die Info über Sendungen auf KW: <http://www.horizon.fm/>



Super Service: Die Bestätigung kam innerhalb weniger Minuten per eMail:
many thanks for your email: I can confirm your reception of Horizon FM on Saturday 15th February 2014 between 20:30 and 21:15UTC on 5780 This signal is from our transmitter site on north Tenerife with a power of 75w carrier feeding an inverted V antenna We should have some E-QSL designs in a few days.
(73 Rudolf Sonntag via A-DX)

Das ging ja wirklich schnell, auch hier nach nur 6 Minuten schon eine E-Mail mit Fotos von der Station!
Date: Sat, 15 Feb 2014 23:01:27 +0100
Date: Sat, 15 Feb 2014 22:03:13 +0000
Knapp 1:46, eine meiner schnellsten „QSL“ Antworten.
(73 Christoph Ratzler via A-DX)

Station news

BOLIVIA on short wave - observed from within Bolivia and in the region - from late December till today: Only the following stations are on the air:

3310 Radio Mosoj Chaski, Quillacolla, Cochabamba
4700 Radio San Miguel, Riberalta
4717 Radio Yura, Yura (and not "Radio Yatun" as reported elsewhere)
5580 Radio San José, San José de Chiquitos (very irregular)
5952.5 Radio Pio XII, Llallagua
6025 Red Patria Nueva, La Paz (and not "Radio Patria Nueva" as reported elsewhere)
6105 Radio Panamericana, La Paz
6135 Radio Santa Cruz, Santa Cruz

All other stations listed are off the air - some gone for a long time, others possibly temporarily off air, but at least one - Radio Juan XXIII from San Ignacio de Velasco - is planning a return to short wave with a new transmitter.

I saw somewhere that Radio Santa Ana has been logged in Miami on 4451 kHz in mid-January. I haven't heard it though.
(Best 73's, Stig Hartvig Nielsen, from a rainy Santa Cruz, Bolivia via HCDX)

Perhaps there is some hope for Radio Fides, which was last reported in October 2013:

6154.90, R. Fides, La Paz, 2/10 2335-0007, 44444+, px *El Invisible*, mxf, ads *Banco Sur, la mejor cadena de cajeros*. ID "El Grupo Fides presentó.." ID "Radio Fides, la voz amiga..." ID "Radio Fides (escuchar grabación), ads *La vuelta a Bolivia, inscríbete en las oficinas de Radio Fides*. ID "Radio Fides presenta noticias...", px *En Contacto por Fides (Pedro F. Arrunátegui, Lima, La recepción la he efectuado del 24/09 al 19/10 en compañía de mi sabueso Icom IC R72 acompañado del Mizuho KX-3, una antena de hilo largo de 12 metros y una antena loop, Chasqui DX, DXLD)*

9625, FIDES, 05/10 1222 UT. *Noticias sobre la variabilidad del precio de la quínoa en el mercado de Sucre. Señal con SINPO: 54554 con QRM de AIR en 9620 (Claudio Galaz, Rx: Tecsun PL-660, Antena: Beverage de 20 metros con balun 9:1, QTH: Centro de Ovalle, IV Región, Chile, condiglista yg via WORLD OF RADIO 1690, DXLD)*

9625, 8/10 2051, Radio Fides, Bolivia, talks, fem music, weak (Giampiero Bernardini, Milano, Italy, dxldyg via WORLD OF RADIO 1690, DXLD)
(Glenn Hauser via DXLD)

CHINA. 5860, Voice of Jinling. Thanks very much to Jonathan Short, have received very nice QSL, along with envelope that had many beautiful Chinese stamps affixed to it (Ron Howard, San Francisco at Ocean Beach, CA, USA)

INDONESIA 4869.916 RRI Wamera, noted orchestra music til 1335 UT on Febr 13. S=8 strength observed on Queensland-AUS remote SDR unit post. Followed by long lasting talk of females in Indonesian. (wb, wwdxc BC-DX TopNews Febr 13)

LAOS 6129.986 Once again I hear **Lao National Radio** from Vientiane around 1358 UT on Febr 13, on remote SDR unit in Queensland Australia. Heard this type of mx locally during touristic trip from Nong Khai in 1972 during Vietnam-

US war clash time ... long ago ... extended station ID in English at 1400 UT, given both MW and SW 6130 kHz frequency channel. Excellent studio and tx modulation noted so far ! S=9+10dB at 1405 UT. (wb, wwdxc BC-DX TopNews Febr 13)

MYANMAR 5985.836 Myanmar Radio Rangoon at 1138 UT Febr 7, S=9+10dB in QL-AUS, nice girl singer song. **7200.095 Rangoon** too S=9+10dB in QL-AUS, and two accompanied spur signals 14.240 kHz away, on 7185.855 and 7214.335 kHz, latter here S=9+5dB strength. (wb, wwdxc BC-DX TopNews Febr 7)

TAIWAN 9773.819 odd Chinese talk channel, **probably v9774 kHz Fu Hsing BC** from Kuanyin TWN, noted at 2105 UT Feb 1, S=5 in Australia. Though Aoki list 2300- UT ? (wb, wwdxc BC-DX TopNews Febr 7/8)

9734.869 Radio Taiwan International in various langs at 10-15 UT slot, incl Indonesian 14-15 UT logged at 1430 UT. S=9+10dB signal. (wb, wwdxc BC-DX TopNews Febr 13)

VIETNAM 7284.934 Very tiny modulation of Vietnamese folk singer program noted during VoVTN's Laotian sce via old Hanoi txing site. Febr 13, at 1410 UT, though carrier is little stronger on S=8 level in Queensland.

9635.747 VoVietnam in Vietnamese sce, from Son Tay site bcasting center, noted at 1424 UT Febr 13, powerful fine signal of S=9+15dB, nice modulation and penetrating reader voice. (wb, wwdxc BC-DX TopNews Febr 13)

Other radio news

Mandarmani DXpedition 2014

Here is the blog of SW DXpedition @Mandarmani:

<http://www.dxinginfo.com/dxpeditions/asian-dx-league-mandarmani-2014>

(regards, Avijit, WB, INDIA. via DXLD)

A New Homebrew Magnetic Receive Loop at VE1ZAC

On my list of new antennas to experiment with, is a magnetic loop with a broadband current amplifier in lieu of the usual resonating components. One can buy a product like this from Wellbrook <http://www.wellbrook.uk.com/>, such as their ALA1530 series loops and Pixel Technologies <http://www.pixelsatradio.com/products/antennas/> and their AM-2 loop.

I elected to build my own and utilized a very nice broadband amplifier kit and technical information from Chavdar LZ1AQ, <http://active-antenna.eu/>. There is also a wealth of technical information on active loop antennas on his pages. His amplifier kit is an excellent value and has worked out very well for me. I have followed the loop construction guidance on the site.

Read the full story at:

<http://www.ve1zac.com/A%20New%20Homebrew%20Magnetic%20Receive%20Loop%20at%20VE1ZAC.htm>

(Thomas Nilsson)

Sony Ericsson PC Companion sys driver causing trouble.

About one or two years ago I bought a Sony Ericsson Xperia ArcS mobile phone. A few months later I downloaded their software PC Companion in order to upgrade the phone easily.

PC Companion is a collection of tools and applications you can use when you connect your device to a computer. PC Companion contains Xperia™ Transfer, a tool for moving content from your old phone to your new Xperia™ device. PC Companion also offers device software updates, contacts and calendar management, and a backup and restore feature for your phone content (availability of applications depends on your phone and operator). You can also transfer and organize your media content using Media Go.

Everything looked OK but I got more problems with stuttering and hacking when playing back Perseus recordings. A few months ago I bought a new one, a Sony Xperia Z which is a very good choice. I decided to uninstall the PC Companion software and thought all was OK. But the problems remained and sometimes when Perseus own recording facility was used it sounded like hanging every one or two seconds.

And even worse was trying to play back from the external USB2 disk.

By pure luck I found that the Sony Ericsson software doesn't uninstall the seehcri USB drivers. It was also stated that these USB drivers cause a huge mess with the USB ports with lots of problems and instability to the system. Those drivers may also cause BSOD' (blue screen of death).

I have looked in the registry and there are tons of keys belonging to this device/driver lying around. I tried the advice below but ran into trouble. After deleting 5-6 USB Root Hubs having the driver, the PC froze. I restarted in safe mode and removed the remaining USB root hubs with this driver. Then I opened Windows/system32/drivers and renamed the

seechri.sys to seechri.old. Then the PC was restarted. One more USB Root Hub was found. After removing that one the system started to look for the correct USB drivers and revert back to normal.

Voilà, it worked and the computer started up faster and less problems with the Perseus recordings.

I also asked Fredrik Dourén if he has had any problems and he says:

Would think that you are running with latest Perseus.exe that has not proven to be stable on the recordings. Everyone I know has stepped back a version. Furthermore, a USB 3.0 port sometimes cause problems.

The problem with USB 3.0 is not with Micro Telecom but rather with USB 3.0 Manufacturer's drivers unless I got that wrong. Then maybe a USB hub can be a source of error as well.

However, the latest Perseus 4.1a has hanged where the only solution was to shut down Perseus.exe The "stuttering" or hacks were on file by file ... /Fredrik Dourén

/Thomas Nilsson

Re: How to completely remove "Sony Ericsson seechri Device Driver"

Q: The uninstall program removed the PC Suite but not the seechri driver. I wonder if SE can give us the way to restore to the stage before installation. Thanks.

A: I had problems with this yesterday. The Sony Ericsson software basically takes over all of your USB Root Hubs. I use Windows 7.

In order to sort it out I had to do the following:

1. Roll back the drivers on ALL of the USB hubs that showed they were using Sony Ericsson drivers (Device Manager > expand Universal Serial Bus Controllers > right click on USB Root Hub > properties)
2. Uninstall the SEEHCRI devices selecting the remove device driver software option (or words to that effect)
3. Then go into your Windows\System32 folder and delete the SEEHCRI.SYS file.
4. Reboot, Windows will detect new hardware and the 2 SEEHCRI devices will revert back to normal USB hubs after you allow Windows to search for new drivers.

If you cannot roll back the drivers in step 1 or Windows doesn't find the drivers in step 4, you'll need to reinstall them from the original mainboard driver disk for your computer or off the manufacturer's website.

I've already sent a strongly worded email to Sony Ericsson about this, allowing the uninstall to miss these drivers is just shoddy and in my case it crippled the speed of all of my USB ports.

I too faced a similar problem when I tried to copy music to my K800i phone. I uninstalled that driver via device manager but it only made situation worse. It populated the entire device manager with "unknown devices," up to 90 of them! I tried to uninstalled the pc suite and reinstalling it but to no avail. I uninstalled the PC suite one last time and went into safe mode. First I uninstalled all those unknown drivers. Then I launched regedit and deleted all entries having to do with "seechri." I skipped those that cannot be deleted. After that I restarted PC and lo and behold all seechri drivers were gone! Now I can use phone with mass storage mode. I dare not to install the PC suite for a repeat of a similar incident.

There is also a little program called **Autoruns** (from Sysinternals, distributed by Microsoft) that lists the drivers and lets you disable them or completely remove them.

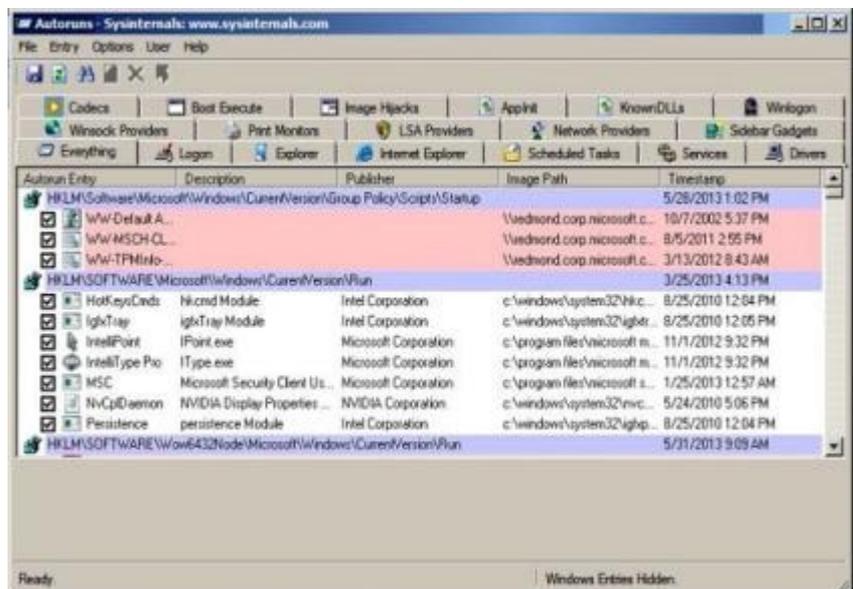
From <http://talk.sonymobile.com/t5/Software-Updates/How-to-completely-remove-quot-Sony-Ericsson-seechri-Driver/tid-p/16505>

(Thomas Nilsson)

Autoruns for Windows v11.70, By Mark Russinovich and Bryce Cogswell, Published: August 1, 2013
[Download Autoruns and Autorunc \(538 KB\)](#)

Introduction

This utility, which has the most comprehensive knowledge of auto-starting locations of any startup monitor, shows you what programs are configured to run during system bootup or login, and shows you the entries in the order Windows processes them. These programs include ones in your startup folder, Run, RunOnce, and other Registry keys. You can configure *Autoruns* to show other locations, including Explorer shell extensions,



toolbars, browser helper objects, Winlogon notifications, auto-start services, and much more. *Autoruns* goes way beyond the MSCConfig utility bundled with Windows Me and XP.

Autoruns' Hide Signed Microsoft Entries option helps you to zoom in on third-party auto-starting images that have been added to your system and it has support for looking at the auto-starting images configured for other accounts configured on a system. Also included in the download package is a command-line equivalent that can output in CSV format, *Autorunsc*. You'll probably be surprised at how many executables are launched automatically!

Usage

See the November 2004 issue of *Windows IT Pro Magazine* for Mark's [article](#) that covers advanced usage of *Autoruns*. If you have questions or problems, visit the [Sysinternals Autoruns Forum](#).

Simply run *Autoruns* and it shows you the currently configured auto-start applications as well as the full list of Registry and file system locations available for auto-start configuration. Autostart locations displayed by *Autoruns* include logon entries, Explorer add-ons, Internet Explorer add-ons including Browser Helper Objects (BHOs), Appinit DLLs, image hijacks, boot execute images, Winlogon notification DLLs, Windows Services and Winsock Layered Service Providers. Switch tabs to view autostarts from different categories.

To view the properties of an executable configured to run automatically, select it and use the **Properties** menu item or toolbar button. If [Process Explorer](#) is running and there is an active process executing the selected executable then the **Process Explorer** menu item in the **Entry** menu will open the process properties dialog box for the process executing the selected image.

Navigate to the Registry or file system location displayed or the configuration of an auto-start item by selecting the item and using the **Jump** menu item or toolbar button.

To disable an auto-start entry uncheck its check box. To delete an auto-start configuration entry use the **Delete** menu item or toolbar button.

Select entries in the **User** menu to view auto-starting images for different user accounts.

More information on display options and additional information is available in the on-line help.

See <http://technet.microsoft.com/sv-se/sysinternals/bb963902.aspx>

(Thomas Nilsson)

Windows: USB driver hell!

I thought I would start a new topic on the troubles with BladeRF on USB3. I am not sure if it how different USB boards handle BladeRF, rather the way Windows 7 and 8 handles (or miss-handles) USB devices.

Windows creates a new device driver for each port a device is plugged into. If the device driver is changed, Windows has trouble knowing which driver to use. I have had this trouble with RTL dongles and Afedri SDR in USB mode (no problems in network mode).

There are some USB device diagnostic software around:

including USBDeview http://www.nirsoft.net/utils/usb_devices_view.html and

ADVANCED USB PORT MONITOR <http://www.aggsoft.com/usb-port-monitor.htm>.

Use free trial. The utilities at least let you know wh at drivers are loaded and if there are multiple drivers for the same port/device.

There is also Windows codec hell, with multiple codecs for the same type of media file, and some programs having conflicts as to which one to use or the one it was designed to use.

For those having USB trouble, try sorting out your problems with the USB driver utilities. USB hell is when it worked ok first time but then won't work when something is changed.

I hope this helps.

(Regards, Drew, VK4ZXI via sdr-radio-com)

NetSDR-X2

For those who are interested, here's the announcement from RFSpace:

We have received the NetSDR-X2 boards and they look great. This plugin board fits inside the standard NetSDR receiver to add many features. In order to upgrade the board, the -01, -02, -04 and -DC options need to be removed. We are calling the option -02-04-X2 since it add all of these options in a single board. Here are the highlights:

1. The -04 circuitry adds the low noise VCXO option that will lock the NetSDR to a 10 MHz reference.
2. The -02 circuitry will add 1PPS trigger to allow the radio to start or trigger on a 1PPS or faster pulse. This is useful for starting multiple radios in sync. This option will allow users to process chirp radars signals using our SpectraVue software. Details of CODAR ionospheric sounding can be found here: http://www.n4ip.com/N4IP_Labs/CODAR-WERA.html

3. The -X2 options adds a coherent second receiver to the radio. This receiver is a full featured radio like the one in the NetSDR. It has a full bank of filters, second ADC and the DDC inside the FPGA is fully coherent. The radio firmware allow the user to request dual coherent I/Q streams for both receivers on the same or difference frequency. The UDP packet uses alternating samples for receivers 1 and 2 (I1,Q1,I2,Q2,I1,Q1,I2,Q2 etc).The dual IQ mode limits the total bandwidth to one-half of the single channel mode. In addition to the dual receive output, the radio has the ability to phase rotate, scale and add both channels together before sending them to the PC. This option is useful for adding the signal of antenna 1 with a certain angle of rotation to antenna 2. One example is feeding both inputs with orthogonal antennas and selecting a -90 or +90 degree phase shift. This will give you left-hand or right-hand circular polarization. Other users might want to use a pair of NetSDR-X2s to build a fully steerable 4-square array. There are huge benefits of circular polarization reception on HF since most if not all signals on ionospheric paths are circular. In the beam steering mode, the max operating bandwidth is the same as the single receiver.

All of these capabilities are currently supported in the NetSDR communications protocol. The dual channel IQ mode is also supported in the Osmocom GNU Radio block (<http://sdr.osmocom.org/trac/wiki/GrOsmoSDR>).

The -02-04-X2 equipped radio will still function as a standard NetSDR with full one channel capabilities when used with single channel software like SpectraVue. We do not anticipate adding dual channel support to SpectraVue at this time.

We will be offering the first batch (25 units) of -02-04-X2 option boards to new and existing customers for \$699. This offer is only available factory direct and while supplies last. The pricing will increase afterwards.

Link to X2 image: <https://www.dropbox.com/s/xv81ehpmm9r5d4w/NetSDR-X2-02-04.JPG>
(RFSPACE via sdr-radio.com)

NetSDR-01

Nu har jag beställt ett extra ex av NetSDR-01. På Pieter Ibelings inrådan, så avstår jag från den hajpade versionen, eftersom den inte i praktiken går att använda eftersom mjukvaran inte är tillgänglig. Lite trist att man inte kan samarbeta med Simon och få detta på plats.

Så här skriver Pieter: *"We just got the X2 boards and they work well. Currently they are only supported in Gnuradio, so it might not be of much use to you. I am not sure when Simon will be adding support, but we do not plan to add it to SpectraVue."*

Hursomhelst, så har jag länge tänkt skaffa en andra NetSDR, så nu blev det av.
(/Anders Hultqvist)

NetSDR-02-04-X2 Availability and Features

I will soon add the polarization options so the auto-magic signal enhancement will work.
(Simon Brown, (G4ELI/HB9DRV, <http://v2.sdr-radio.com> via sdr-radio-com)

World Radio Day 13 februari 2014

Se info på <http://www.unesco.org/new/en/world-radio-day>

Jag undrar hur SDXF, ARC, SWB och de lokala klubbarna kommer att göra fortsättningsvis för att celebrera World Radio Day? Men felet att man inte uppmärksammar detta fina initiativ ligger inte bara hos DX-arna och andra lyssnare.

UNESCO borde gå ut aktivt och kontakta klubbarna och se till att det annonseras i WRTH och i DX-publikationer!

Mauno, please, can you take note and contact UNESCO in your capacity within WRTH? Och till nästa år blir det ändring, eller hur? Då får vi läsa om World Radio Day i våra respektive publikationer!

(Ullmar Qvick via NORDX)

Sköna tider på amatörbanden

Hörde till 1024z YJ0OU Vanuatu på 24898 kHz och två minuter senare YJ0ZZ på 28010 - svag men rapporterbar.

Nytt land i dubbel uppsättning. Och i förgår två QSL från XZ1Z Myanmar för 30 och 20 m. Happy Days are here again!

(73, Ullmar, SM5-1252 via NORDX)

Shortwave Radio Meetings - 2014

Here is a list of some radio (especially shortwave and DX) related meetings of this year. I hope this is of interest. Updates and corrections are very welcome to risto.vahakainu@helsinki.fi.

Date: February 22 (1430-1700 BST)

Location: Reading International Solidarity Centre (RISC),
35-39 London Street, Reading RG1 4PS, England

Date: February 23-24

Event: DX Vännerna (DX Friends of the Swedish DX Federation), 50th anniversary cruise from Stockholm to

Organization: Reading International Radio Group Expected attendance: 20 More info: www.bdx.org.uk
Note: Reading DX meetings are held with about 2 months interval (next one on April 19th)

Date: March 8

Location: Corn Exchange, Rochester, Kent, UK
Description: Radio Caroline 50th Anniversary Party More info: www.radiocaroline50.co.uk

Date: March 22

Location: Amsterdam, Holland
Description: Radio Day 2014, sea pirate radio event More info: www.radioday.nl

Dates: May 13-19

Location : Hoherodskopf, Germany
Description: DX-Camp
Organization: RMRC
More info: mail@rmrc.de

Dates: May 16-18

Location: Dayton, Ohio, USA
Organization: Dayton Hamvention
Expected attendance: 20000
More info: www.hamvention.org

Dates: June 14

Location: Skovlunde, Copenhagen, Denmark
Description: Annual General meeting of DSWCI
Organization: Danish Short Wave Club International (DSWCI) More info: www.dswci.org

Dates: July 12-26

Location: Döbriach, Austria
Description: DX-Camp of ADXB-OE
More info: www.dxcamp.org

August Saturday (exact date to be confirmed) BDXC
Twickenham Summer Meeting More info: www.bdx.org.uk

Dates: September 19-22

Location: Tende/Nizza (Nice), France
Description: European DX Conference, the annual meeting of EDXC
Organization: European DX Council (EDXC) Expected attendance: 50 More info: www.edxc.org

Dates: September 12-16

Location: Amsterdam, Holland
Description: IBC 2013
More info: www.ibc.org

Date: October 15-19

Location: Holzerbachtal, Solingen-Wald, Germany
Description: DX Camp
Organization: Radiofreunde NRW
More info: christof.proft@gmail.com

Dates: November 8-9

Location: Hyderabad, India
Description: Ham Fest India 2014

(Risto Vähäkainu, via HCDX)

Mariehamn and back More info: www.sdx.se

Dates: March 14-15

Location: Plymouth Meeting (near Philadelphia), PA, USA
Description: Winter SWL Fest
More info: www.swlfest.com
Expected attendance: 150

Dates: March 23-25

Location: Dublin, Ireland
Description: Radiodays Europe, a conference on radio and its future More info: www.radiodayseurope.com

Dates: May 15-16

Location: Greenville NC, USA (IBB transmitting station)
Description: Annual NASB Conference
Organization: National Association of Shortwave Broadcasters+DRM Consortium, USA More info: www.shortwave.org

Dates: June 7-8

Location: Norrköping, Sweden
Description: DX-Parlamentet 2014, the annual meeting of the SDXF
Organization: The Swedish DX-Federation (SDXF) More info: www.sdx.se, dxp2014@ndl-dx.se

Dates: June 27-29

Location: Friedrichshafen, Germany
Description: Ham Radio, biggest annual hamfest in Europe
Expected attendance: 20000

Dates: August 1-3

Location: Joensuu area, Eastern Finland
Description: The Annual Summer Meeting
Organization: The Finnish DX Association Expected attendance: 70 More info: rv@sdxl.org

Dates: August 23-24

Location: Tokyo, Japan
Description: Big ham fair with a SW sector (Japan SW Club stand & lectures)
Organization: Tokyo Ham Fair
Expected attendance: 30000
More info: ohaket@live.jp

Dates: September 5-10

Location: Berlin, Germany
Name: IFA Internationale Funkausstellung
Description: Consumer Electronics Fair - Including Radios

Dates: October 13-20

Location : Hoherodskopf, Germany
Description: DX-Camp
Organization: RMRC
More info: mail@rmrc.de

Date: November 8

Location: Hannover, Germany
Description: Interradio
More info: www.interradio.info