SHORTWAVE BULLETIN

Dags igen att sätta sig framför datorn och sammanställa ett nytt ex av SWB.

Det var fantastiska konds på 90 & 60 mb den 4/2 precis innan störningen slog till vid 0000UTC. Bl a hördes en ny brasse på 3355. Vilken detta är det är ännu inte klarlagt. Tyvärr hittades inte något ID på min inspelning från den 5 trots att HK lyssnat igenom flera gånger.

En annan mycket trevlig loggning från veckan är 4755 – The Cross som gick igenom med hörbar audio den 5 feb. Här hade jag också hjälp av de nya Perseus servrarna. Jag loggade in på Mauno Ritolas server och kollade hur stationen gick på hans 500 bäver åt öst och visst fanns stationen där på exakt samma frekvens! Förvånansvärt nog så var den starkare på min Flag. Förmodligen Greyline skillnad.

Till sist **– glöm ej anmäla er till ARC/SWB konventet!**

Keep on ….
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SWB-info

QSL, kommentarer, mm.

Giampiero Bernardini: Dear Thomas, I went few days with Dario Monferini to Bocca di Magra (La Spezia province), at the seaside, for our Bocca di Magra DX nights (Boc 22). To tell the truth our premier mr. Berlusconi has better nights but we cannot do better than listening to the radio. Anyway we had fun even if TA propagation on MW was really poor. We had some new African catches on MW, like Kaduna on 594 and Sudan on 765 and 1296 kHz. On SW the high frequencies were closed. The best tip was 5030 Sarawak FM, I didn't hear it from a long time.
The last SWB was really interesting, also about RF problems and power supplies questions.

Christer Brunström: **IRRS via Slovakien 9510** QSL-kort.

Lars Skoglund: Har fått följande kortvågssvar. **Radio Ukraine Int/Lviv 7440** kort, **Radio Nikkei 6055** kort och **Radio Exterior de Espana/Costa Rica 3350** med kort från Madrid.

Börge Eriksson. Satt häromdagen och lade in mina gamla smalfilmer, dubbelåtta och superåtta i datorn för att bränna ut dem på DVD. Då passerade plötsligt några gamla bilder från DX-parlamentet i Skövde förbi (tror det var 1966, rätta mig om jag har fel). Profiler som Kjell Ekholm, Leif Blomkvist, Göte Johansson, Kjell Bengtsson, Lennart Alarik och Jan Prevéus glimtade förbi. Då kom jag plötsligt ihåg att SWB bör väl fira 50 år i år. Kanske något att ta upp vid konventet senare i vår? Eller är det någon som tar sig an uppgiften att skapa ett supplement till jubileumsskriften vi gav ut för 10 år sedan? Utvecklingen på både antenn- och mottagarsidan har ju gått rasande fort de sista 10 åren. Annars ligger all DX nere här. Då och då tittar jag på R-71-an där den ligger i en låda och lipar åt mig, men mer blir det inte, Det är ingen idé att packa upp den på grund av det svåra störningsläget här i Hedemora. Håller mig ajour med vad som händer genom polaren Lennart och sajterna på nätet. Annars är allt bra här, men jag har på senare tid fått problem med synen som mina ögonläkare inte riktigt kommer underfund med. Vi får väl hoppas att det löser sig. Tack till Dig Thomas som kämpar vidare med bulletinen.

Stig Adolfsson: Här fortsätter experimenten med en provisorisk loop med måtten 6x6 meter. Den har förbättrat mottagningen åtskilligt på den lägre delen av MV-bandet men samtidigt tar den in störningar på andra frekvenser som min KV-dipol inte tar in. Skall undersöka möjligheterna till att orientera loopen annorlunda med hänsyn till störningskällorna.
Stört på KV just nu varför jag inte har särskilt hårresande saker att bidra med.
Bästa hälsningar från södra Roslagen!

Dan Olsson: Hej allesammans. Här kommer lite tips ifrån en lyssnarnatt i Saxtorp 29-30/1. Deltagare var jag (DO), Jan Thörnblom och Hans Kronkvist. Tyvärr så var kondsen inte på sin bästa sida.
QSL: R Ukraine International 6030 kort, **R Serbia 6100** kort, dekal och schema, **R Orang Utan 6200** kort och brev, **R Transuniverse 6280** e-brev, foto och kort, **Old Time Radio 6300** e-brev o kort, **R Northpole 6310, 6320 och 6320** e-brev o kort (svarade på tre arapporter nu. = alla de rapporter jag i fjor), och **R Misteltoe 6310** e-brev och kort.

Anders Hultqvist: Endast antennen som är kopplad till min SDR-IQ är i brukbart skick just nu efter senaste tidens blåst. Jag får försöka fixa detta i veckan som kommer. Så det är mest Europa och Afrika som gäller tillsvidare, eftersom SDR-IQ lyssnar på en ALA som är riktad norr-syd ungefär. En del tid har dessutom ägnats åt att lyssna på andras apparater runt om i världen. Och så är min netSDR ännu mer försenad. Senaste budet för mitt ex är "end of March".

Loggen *(UTC)*

2485			**VL8K** Katherine NT 1025 -1030 strongest of the three NT 120 meter signals. 31 Jan [Wilkner]
3200	23.1	1816	**TWR**, Swaziland, music, talks, poor (Bernardini & Monferini)
3210			**Unid AUS**. Unfortunately still no rxs from Eastern Australia, so we could check it by ourselves. But it is probably still off. Mauno Ritola
3279.953			**La Voz del Napo**, Tena 1020 with music, excellent signal 31 January [Wilkner]
3279,97	2.2	2330	**La Voz de Napo** disturbed by a strong carrier on high side. 2 TN
3290			**Voice of Guyana** 0605 troubled signal, some audio. 0950 Protestant sermon 1005 nx, financial crisis, Haiti news, Sec of State Clinton,1010 Messages ."Georgetown Magistrate Court.... Commissioner of Police ..." into music "Someone to Lean On", strong signal, 31 January: 1015 Voice of Guyana ID on 29 January.. [Wilkner]
3310	4.2	2335	**R Mosoj Chaski** with very good signal level. TN
3329,55	4.2	2340	**Ondas del Huallaga** noted with mx. Strong. TN
3355,02	4.2	2340	**UNID Brazilian** very strong at 2330. A lot of talk about Sao Paulo. Gradually weaker and fade away at 0010. Unfortunately too weak audio at 0000 to make a decent recording. Also heard Feb 5 at 2300. A recording from this date sent to HK for examination. TN

Kommentarer från NORDX 4/2:
01:07 ingenting her, men antydning til en svak bærebølge. /TBV

En brasse borde väl inte fada ut kl 0100 sv t och för PNG är det väl för sent om där inte fanns en lokal solförmörkelse vid denna tid... /HK

Tycker också det är väldigt mystiskt med den styrka man hade vid 0030. Det är 100% säkert att den var portugistalande och är nästan säker på ändå att det var en brasse. Mycket snack om Sao Paolo bl a. Men sen började den ge sig för att vara borta helt vid 0110. Samtidigt gick 3310 och 3330 hyggligt. Mauno Ritola hörde dem också på DL0AO:s Perseus server i Tyskland där man har 200 m Bev mot sydväst. Konstigt också att 3375 inte hördes överhuvudtaget, inte ens en bärvåg. Det var annars helt fantastiska styrkor på 90 och 60 mb i går kväll. Kan inte minnas jag hört stationer på länge med sådan styrka som vid 00-01 SNT. /TN

Maybe both the enhancement and fade-out took place due to variation in geom. storm and not local sunrise. /Mauno Ritola
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Fick just per telefon info som stämmer bra med Thomas' konditionsbeskrivning och Maunos förklaring. Det var JEÖ som nu är på väg hem från en DXpedition till Lemmenjoki. Texten finns på PUDX Northern Dimensions (http://www.tapiokalmi.net/~kn1460/dx/lem/): LEM303 29 Jan 2011- 5 feb 2011, Jan-Erik Österholm (JEÖ), Saturday, Feb 5:
Minor storm characterized the early night hours 4-5.2 around 2200-0100 with heavy signals from Brazil. Around 01 the band went completely dead in all directions . A check with WWW gave the expected explanation: Geomagnetic field reaching the G1 level, radio black-outs R1, K5 and A 15. Went to have some hours of sleep and was quite surprised when I checked at 04 UTC. Strong NA signals with very heavy fading with a surprisingly clear band on the 320 aerial to 09 UTC when the band went completely dead again and I decided to start unplugging and start to pack for the short drive to Ivalo and the flight back to Helsinki and Porvoo. /HK

Visst låter det som en brasse. Två gånger har jag lyssnat och bägge gånger tycker jag mig höra "governo ...São Luis" just före slutet.
Intressant upptäckt. Har redan kollat på brasse-listor men ingenting har synts till. Jag ska leta vidare. /HK

I SWB 1528 (2004!) rapporterade GN att Rádio Educadora 6 de Agosto "märkligt nog" annonserade 3355 fast den hördes på 3255z. Den hade tidigare legat på 3401z.
Dateline Bogotá 1995: 3255 BRAZIL. New frequency for R dif 6 de Agosto, Xapuri, Acre, listed in the WRTH on 3401 kHz. Having noticed the signal a few days earlier, I was able to identify the stn only on April 3, at 1030. Transmissions are said to be "em carácter experimental". Heard both local am and pm. Kanske stationen till slut hamnat rätt?? /HK

Nya inspelning till HK: Jag hör att det delvis är samma snutt som förut, men med litet bättre bandbredd och lite längre.

Den blev ju bättre vartefter. 2:45 pratas om "donativos para nosso projeto (?)" donationer till vårt projekt. Tyvärr ger det inte så mycket mer. Nästa gång kan du kolla om det finns spår av Xapuri strax nedanför 3255. Jag ska kolla om den här hörts på sista tiden. Har hittat en blogg som drivs av direktören för Xapuri, men där står ingenting om någon ny frekvens.

Den här stationen kommer du snart att kunna knäcka. Du har ju bra mottagarutrustning. Rätt vad det är kommer den här stationen in med OK styrka. /HK

Ett stort tack till HK för hjälp med bandlyssning och forskande om vad det kan vara. /TN

3375.34			**Radio Municipal** São Gabriel da Cachoeira 0930 very strong signal with music de Brasil 29 January [Wilkner]
3814,98	3.2	2150	**KNR Tasiilaq** med danska nyheter kl 22. Skall stänga snart för gott, tyvärr. Som vanligt störd av det ryska nätet "kratchuk", kråka eller kraxa?? Svag och USB som alltid. SA
3925	3.2	2250	**R Nikkei** with mx. Audible only on my Flag pointing in 30°. TN
4010	2.2	0210	**Laser Hot Hits**, England, Pirate, nice songs, fair (Bernardini)
4052.46	2.2	0120	**Radio Verdad (tent.),** Chiquimula, Guatemala, music, poor, fading (Bernardini)
4699,96	4.2	2326	**R San Miguel** very strong. TN
4716,965	5.2	2335	**R Yura** with mx, Sometimes down in the background noise. Feb 4 very strong. TN
4746,96	4.2	2325	**R Huanta 2000** with ann. and ads. Strong. TN
4755,447	5.2	1440	**Tent PMA-The Cross** in EE, mostly music. Rather weak and weaker at 1400. I connected to Mauno Ritola's Perseus via the server to compare my reception when using his 500 m Beverage pointing eastwards. And there The Cross was on exactly the same Hz! A very exciting logging down here that early in the afternoon. (Why not listen to Ron Howard's excellent recording here) TN ***Mauno, thanks a lot for changing feed on your Beverage so I could compare signals via Perseus Server. /TN***
4760	24.1	1643	**TWR**, Swaziland, talks, ids, fair (Bernardini & Monferini)
4774,95	4.2	2325	**R Tarma** noted very strong signal. TN
4780	22.1	1846	**RTV Djibouti**, phone interview, good (Bernardini & Monferini)
4796,05	4.2	2320	**R Lipe**z strongest ever this night. TN
4810	24.1	1646	**AIR Bophal**, India, Indian music, talks, good (Bernardini & Monferini)
4810	26.1	1530	**Armenian National Radio**, id, talk, song, good (Bernardini & Monferini)
4830,000		1445	**Altay, Mongoliet** ofta med vemodig skön musik. 2-3 som bäst. Stänger 15. SA
4840	24.1	1649	**AIR Mumbai**, India, Indian songs, good (Bernardini & Monferini)
4880	22.1	1840	**SW Radio Afric**a, cla, talks, fair/good (Bernardini & Monferini)
4885	22.1	2310	**Radio Club de Parà**, Brasil, sport live, fair (Bernardini & Monferini)
4895	23.1	1810	**Zimbabwe Community Radio**, via South Africa, talks, id at 1815. Fair (Bernardini & Monferini)
4899.979	3.2	2240	**Familia Radio** also noted 4.2 lots of mx. A little fading. TN
4899,98v	6.2	00.03	**Radio Familia** med c/d. Svänger fram och åter ca 4899,978(?)-4899,985. Fick inte med yttersta vänstersvängen innan close down. Började lyssa 23.15 och signalen var fri från störningar mest hela tiden. Avslutade med ett lokalt(?) musikstycke och stängde sedan tvärt. AHK
4905	21.1	2138	**PBS Xizang**, China, in English, news, at 2241 music. Fair (Bernardini & Monferini)
4910	22.1	2152	**VL8T** Tennant Creek, Australia, reports, weak //5025 but on 4835 no signal (Bernardini & Monferini)
4910	24.1	1651	**AIR Jaipur**, India, talks, fair (Bernardini & Monferini)
4920	24.1	1652	**AIR Chennai**, India, songs, very good over China (Bernardini & Monferini)
4925,229	3.2	2255	**R Educacao Rural** med fina brasserytmer. TN
4930	21.1	2100	**VOA**, Botswana, "this is the VOA signin off" good (Bernardini & Monferini)
4949,756	3.2	2100	**R Angola** med time pips, bäst på antennen i 120 gr och något sämre i riktning 210. TN
4954,996	3.2	2335	**R Cultura Amauta** almost every night but tremendous strengt Feb 4. TN
4965	21.1	2246	**CVC**, Zambia, songs, good, no utility! (Bernardini & Monferini)
4965,01	26.1	2235	**Number One**, Africa, Noted a male in English language, rel. comments. Clear ID. TN
4976	21.1	2058	**Uganda BC**, Kampala, songs, very nice signal (Bernardini & Monferini)
4986,382	4.2	2310	**R Manantial** strongest ever and got a clear ID. TN
4986.833	31.1		**Radio Manantial**, Huancayo 1120 with musica. [Wilkner]
5005	21.1	2055	**Radio Bata**, Guinea E., Afro music, fair (Bernardini & Monferini)
5010	24.1	1654	**AIR Thiruvan...** India, Indian songs, good (Bernardini & Monferini)
5010	26.1	1809	**R Madagascar,** music, good, modulated only on upper side (Bernardini & Monferini)
5025	22.1	2150	**VL8K** Katherine, Australia, reports, fair (Bernardini & Monferini)
5030	26.1	- 1543*	**RTM Sarawak FM**, Malaysia, slow music, talks, off 1443 (// with the web stream), weak but clear (Bernardini & Monferini)
5030,02	3.2	2258	**tent RTM Sarawak** med speciell mx //webstream. Mkt svag. TN
5035	29.1	0105	**R Aparecida** med reklam för Frisco och en supermarket. DO
5035,01	3.2	2300	**UNID tent R Educacao Rural** i kamp med R Aparecida. Svagast av de två. TN
5035,05	3.2	2305	**tent R Aparecida** lite starkare än den på LSB sidan. TN

5040	29.1	2215	**R Habana** pratade om Kubas politik. DO
5066,3	1.2	1840	**UNID.** Noted an unid station on about 5066.33. Signed off at 1900. Decent carrier but weak audio. Music and talks, maybe French, maybe not. Real late for Radio Tele Candip, which at least earlier used to sign off around 1630. And I haven't seen any loggings of Candip for a long time. Could have been a harmonic of a pirate around 1689 but I heard no fundamental there. Or then a spur from somewhere. /Jari Savolainen
5066,33	4.2	1750	**UNID.** Def. FF, low modulation but clearly there. Candip reactivated? TN
5066,337	1	1650	**OID** på franska men kan väl inte vara annat än Candip? Hörd flera dagar, svagt och med låg modulation. Har vanligen stängt omkring 17 men en lördag hördes de till efter 19. Utökad sändningstid ?? SA
5120,6	4.2	2335	**Ondas del Suroriente** very strong with mx. TN
5755	2.2	0230	**WTWW**, Lebanon, USA, slow religious talks, bad modulation, fair (Bernardini)
5910	1.2	0355	**Radio Alcaravàn**, nice Colombian songs, at 0402 ids, fair, QRM from close channels (Bernardini)
5921.184			**Radio Bethel** noted at 1020, 31 January. [Wilkner]
5950	26.1	1500	**Radio New Zealand**, news, ids, reports, fair (Bernardini & Monferini)
5954.23	1.2	0344	**Radio Republica**, via Costa Rica to Cuba, politics, fair (Bernardini)
5954.253			**Radio Republica** yl ID at 0952, good signal 29 January
5985,87	26.1	1505	**Radio Myanmar**, songs, fair (better in upper AMS) (Bernardini & Monferini)
5995	26.1	1509	**Radio Australia**, reports in English, fair (Bernardini & Monferini)
6047.052			**Radio Santa Rosa**, Lima 1100 to 1115, musica, fair signal 31 January Similar time on 1 Feb [XM- Cedar Key] [Wilkner]
6055	24.1	1750	**Radio Rwanda**, reports in Vernacular, fair (Bernardini & Monferini)
6080	2.2	1817	**ABC** Sitter just och följer rapportering fråm cyclone Yasi. ABC reläar det lokala programmet via 6080 kHz med telefon-in program hur det är runt om i området. Man kör kortvågen för dem som bor långt ut i bushen och inte ha lokal radio. Hemska vindar och regn. Du kan även lyssna till detta på ABC Far North Queensland webpage. Intressant och hemskt. Kl 22 SNT byter de till 9710 kHz. 6080 går riktigt bra. En störande sändare med px på arabiskt-besläktat språk har startat 1800 SNT.. Hälsningar/ Bengt Ericson
6110	1.2	0348	**Radio Fana**, Ethiopia, nice regional songs, good (Bernardini)
6145	2.2	0235	**Radio Japan**, via Chile, reports in Portuguese, good (Bernardini)
6160	1.2	0354	**CKZN** St.John's, Canada, CBC Canadian reports, English, fair, better un low AMS. (Bernardini)
6165 2	1.1	2115	**RDN Tchadienne**, nice songs, FF talks, good (Bernardini & Monferini)
6185	2.2	0255	**Radio Educacion**, Mexico, popular songs no stop, id at 0302, at 0308 stopped by Radio Vaticana. Weak-fair (Bernardini)
6240	21.1	2118	**Radio PMR Pridnestrovie**, Moldovia (separate), popular songs, id in German at 2130, good (Bernardini & Monferini)
6308	5.2	1440	**R Spaceshuttle** med ID och popmusik. DO
6310	29.1	1535	**R Pluto** med Dire Strais ich Stray Cats i programmet. DO
6450	29.1	1610	**Free R Victoria** med ID och holländsk musik. DO
6875	1.2	0339	**Radio Taiwan Int.**, via USA, mails from listeners. English. Good (Bernardini)
6973	23.1	1737	**Galei Zahal**, Israel, talks, weak (Bernardini & Monferini)
7100	2.2	0039	**Radio Pakistan**, talks in Urdu (presumed) and Holy Kuran, fair (Bernardini)
7100	24.1	1729	**Azad Kashmir**, Pakistan, songs, good (Bernardini & Monferini)
7105	22.1	2200	**Voice of Hope**, Taiwan, start tx with many ids, then talks in C. Very good (Bernardini & Monferini)
7120	24.1	1735	**Voice of Broad Masses**, Eritrea, talks, some music, //7175 & 7165 weak to fair (Bernardini & Monferini)
7165	24.1	1743	**Voice of Broad Masses**, Eritra, talks //7120 7175 weak (Bernardini & Monferini)
7175 2	4.1	1740	**Voice of Broad Masses**, Eritrea, talks and music, //7120 & 7165 good (Bernardini & Monferini)
7200	2.2	0314	**Sudan RTVC**, Arabic, slow songs, weak (Bernardini)
7245	2.2	0048	**Radio Mauretanie**, talks in Arabic, low modulation, fair signal (Bernardini)
7295	24.1	1659	**Traxx FM**, Malaysia, songs, nx, EE fair (Bernardini & Monferini)
9265	2.2	0035	**Family Radio** via WINB, USA, religious songs and Bible, fair (Bernardini)
9475	26.1	1513	**Radio Australia**, Asia & Pacific reports in English, fair (Bernardini & Monferini)
9479	25.1	2015	**WTWW** Lebanon, TN, USA, talks, in English, fair (Bernardini & Monferini)
9500	25.1	2010	**Radio Australia**, reports, English, good (Bernardini & Monferini)
9505	23.1	2020	**CVC One Africa**, Zambia, religious talks in English, fair (Bernardini & Monferini)
9524.96	24.1	1715	**Voice of Indonesia**, Spanish program, fair. Again on the right frequency. (Bernardini & Monferini)
9525	25.1	- 1950*	**TWR**, Swaziland, music, QRM from V. of Indonesia, off at 1950, poor/fair (Bernardini & Monferini)

9565	23.1	2020	**Radio Martì**, Clandestine, reports, weak (Bernardini & Monferini)
9593.97	1.2	0302	**Super Radio Deus è Amor**, Brazil, usual religious talks, fair (Bernardini)
9645.33	1.2	0306	**Radio Bandeirantes**, Brazil, talks //11924.99 weak (Bernardini)
9665.11	1.2	0310	**Voz Missionaria**, Brazil, songs, talks //11749.86 Good (Bernardini)
9675	2.2	0031	**Cancao Nova**, Brazil, songs, talks, fair (Bernardini)
9704.99	30.1	2003	**La Voix du Sahel**, Niger, reports in Vernacular, Afro songs, fair (Bernardini)
9870	31.1	1121	**Radio New Zealand Int.** DRM, weak signal so only visual info were decoded. No audio. (Bernardini)
9890	24.1	1800	**R New Zealand International**, DRM, news in English, perfect for 5 minutes (Bernardini & Monferini)
9950	21.1	2150	**AIR India**, DRM, "HPT AIR KHAMPUR", songs, news in EE at 22 good (Bernardini & Monferini)
9955	2.2	0240	**Radio Sweden**, on air via WRMI, USA: tentative, heavy jamming, Glenn Hauser asked to try but only few words were received here in Milan. (Bernardini)
11530	31.1	1044	**Denge Mezopotamia**, Clandestine in Kurdish via Ukraine, long talks with some music. Fair/good (Bernardini)
11660	26.1	1520	**Radio Australia**, reports in English, web URL, fair (Bernardini & Monferini)
11710.84	2.2	0006	**RAE,** Argentina, report about Egypt and Brazil, in Portuguese, good - at 0330 In French with fair reception. (Bernardini)
11725	25.1	2000	**R. New Zealand International**, English reports, DW from Rwanda closes at 1959 and at 2000 the channel is free. Also talking about mr. Berlusconi adventures. Good (Bernardini & Monferini)
11749.86	1.2	0246	**Voz Missionaria**, Brazil, religious, weak (Bernardini)
11760	1.2	0249	**Radio Habana**, Cuba, economics talks, Spanish, good (Bernardini)
11780	2.2	0011	**Radio Nacional da Amazonia**, Brazil, nice popular Brazilian songs, fair, not heard in the days before here in Milan (Bernardini)
11815	2.2	0015	**Radio Brasil Central**, long talks, fair signal, very good audio (Bernardini)
11854.94	2.2	0019	**Radio Aparecida**, Brazil, religious talks, weak (Bernardini)
11920	2.2	0025	**HCJB**, Chile, religious talks, web URL, id, in Portuguese (Bernardini)
11924.99	1.2	0255	**Radio Bandeirantes**, Brazil, interview about Brazilian politics & economics, sport, great id. Good (Bernardini)
12005	29.1	1640	**R Tunis** med prat i telefoner med ett flertal personer. DO
13580	31.1	1026	**Radio Mashaal**, via Thailand to Pakistan, reports, web address, fair (Bernardini)
13660	31.1	1140	**Radio New Zealand Int**., interview, English. good (Bernardini)
15100	31.1	0950	**Radio Pakistan**, Pakistani slow songs, //17700 fair/good (Bernardini)
15190.02	1.2	0315	**Radio Inconfidencia**, Brazil, songs, jingle, ids, fair with fading (Bernardini)
15225	30.1	1215	**Radio Veritas**, Philippinas, Asian language, slow music, talks, long id at 1229 and start new program. Fair (Bernardini)
15450	31.1	0959	**FEBA**, Manila, Philippines, start program in unid language, songs, fair (Bernardini)
17530	31.1	1008	**Radio Free Afghanistan**, reports mentioning Afghanistan, language reported as Dari, tx located in Kuwait. Weak/fair (Bernardini)
19010	31.1	1020	**Radio Free Afghanistan**, via Kuwait, reports, //17530 weak (Bernardini)
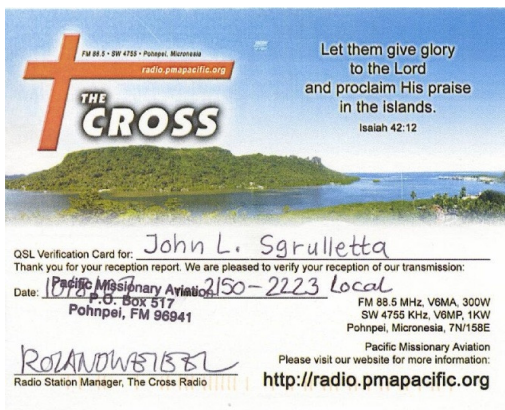
QSL from The Cross via Jerry Berg, DXPlorer.

See logging above, first time ever heard in Ängelholm!

Stationsnyheter

DJIBOUTI: 4780, Djibouti *0300-0330+ 1/31, thanks to all who suggested this (Don, Fergy, others). Heard tonight from 0250 open carrier, orchl NA at 0300 f/by repeating IS of flute and what seemed like fiddle-type instrument. Into Islamic morning Call to Prayer at 0301.28-0317 (long form!). Then OM narration or news in AA to 0332, when mx show opened.

Modern, western influenced, pop-sounding AA recording featuring organ, base, flute and mixed group of singers. S9+++ at 0335 tune out. (R Perry, Illinois via DXLD)

ECUADOR: 4814.96, **presumed Radio El Buen Pastor**, Saraguro, 1114-1150 on 2/1 . Ute QRM manageable this day. Couldn't snag clear ID but Saraguro presumed the one as everything else fits, including widely-reported "fingerprint" of precise decimal off-fqy. OM SS with relaxed speech over mild instl mx at tune-in, then over Andes mx folklorica at 1117; echo ads 1121 but hard to read. 1124 studio ancr again, clear GMT-5 time check and into huayno guitar vocals. 1130 another t/ck "...6 de la manana y 30 minutos...". Holding on but fading down by 1150 t/out. Again at 1119 check on 2/2, but under horrible ute and much more obscured. (R Perry, Illinois via HCDX)

ETHIOPIA: 9705 R Ethiopia, tent., 2000-2100* 1/27. Big thanks to Brian Alexander for the tip, an extremely enjoyable catch -- haven't heard Addis Ababa in 30 years, so a fun way to rejoin the DXing world . . . . Fqy unblocked at 2000 when Family Radio (Meyerton) signs off, revealing signal of R Ethiopia, weak at first but then fading in to good level by bottom of the hour. 2000 nx pgm in progress, vern lang by OM, into local music program around 2006.
Terrific, very listenable mx selection, chanty vocals with twangy local instruments and percussion accompaniment. Some mx with very Middle Eastern influence, other uniquely different. Also more 'modern' (western?) sounding music during back half of the hour, presume this is what Brian called 'Horn of Africa pop'. (Sounded to me like Malaysian 'nightclub music', oddly enough.) OM and YL occasoinal anmts in lang, pres Amharic. Pre-shutdown nx flash f/by electronic stinger around 2058, breathy s/off anmt by YL. Couldn't catch ID. 2059 unfamiliar anthem by funky oompah-type orchestra, then open carrier and cut after 2100.
(Ralph Perry, Wheaton, Illinois via HCDX)

INDONESIA. 4749.94, RRI-Makassar, 1449-1559*, Jan 24. Reactivated again; in Bahasa Indonesia; EZL pop songs; 1500-1515: SCI and relay of the Jakarta news; back to pop songs; Love Ambon and sign off announcement from 1556-1559* (off just before the CNR1 pips); QRM from Bangladesh Betar till their 1500*; light QRM from CNR1; fair to poor; http://www.rrimakassar.com/rri-makassar (Ron Howard, Asilomar State Beach, CA, Etón E1, dxldyg via DX LISTENING DIGEST)

MADAGASCAR - 5010.3, Radio Madagasikara / R Nationale Malgache, Antananarivo coming thru nicely. Already in progress at tune-in 0300 with fair-good power, lite fades and moderate static. Clear fqy 2/5. 100 kWs listed and sounded like it! Pleasant, melodic African choral chanting/pop accompanied by local ensemble, heavy on rhythm and bass. Segued similar songs thru to 0330, when signal severely faded. Seemed newscast by OM caught in fragments at bottom of the hour. Unable to raise a streaming broadcast to get a //, but did find their website: http://takelaka.dts.mg/radmad/ . At same time, a decent signal on 4976 which I believe was Kampala also coming thru. (R Perry, Illinois via HCDX)

MICRONESIA. 4755.44, The Cross Radio, 1356-1432, Feb 5. Non- stop contemporary Christian songs in English; IDs at 1358 and 1430; mostly fair. Received a friendly email from Melinda R. Espinosa (Pacific Missionary Aviation Headquarters, P.O. Box 3209, Hagatna, Guam 96932 < info @ pmapacific.org >). She sent a copy of my report to PMA Pohnpei pohnpei@pmapacific.org and said: "Thank you so very much for your reception report. I am sending a copy of it to our Station in Pohnpei so that they may be informed of the reception. Yes, we are on 24/7. PMA Pohnpei will respond to you shortly concerning your request for a QSL Card."
So it would seem that the Pohnpei email address would be the most direct method of requesting the Cross Radio QSL card. Wish everyone good luck with their requests!
(Ron Howard Asilomar State Beach, CA via DXLD)

NIGER: 9705, Niamey (strongly) presumed, wonderful listening experience 1/28 2140-2300*. Terrific musical mix of Afro Jazz, highlife music, traditional chants, W African pop songs hosted by YL with very muffled, undermod anmts in what sounded like FF and vern lang. Signal weak at tune-in 2140 but faded up to very decent level toward end of transmission. Flute IS heard at 2158 and time pips on the hour at 2200. Very deep fades, would disappear 20 seconds to a minute, making me think it had signed-off, but then would come back. OM ancr musical commercial 2243. Transmission shutdown came after Islamic call to prayer at 2254, then flute IS again at 2258 f/by choral NA and silence to 2259.55* carrier cut. Everything fits for Niamey, from fqy, W Afr location, Islamic country, former French colony, and so on . . . but didn't catch definite ID. Calling it 99% sure, though and thanks again to Brian Alexander for initial tip
(Ralph Perry, Wheaton, Illinois via HCDX)

SOLOMON ISLANDS. 5019.88, SIBC, randomly from 1319 to 1440*, Jan 31; extended schedule; poor to almost fair in QRN; in Tok Pisin; mostly playing pop island songs; interviews; weather;
1438 usual English sign off announcement followed by National Anthem. Best in LSB due to Cuba QRM from 5025. Per Sei-ichi Hasegawa's recent reports, Vanuatu has gone to 24 hour broadcasting and "The Cross" has been reactivated, so the Pacific is finally becoming more active on SW.
Attached audio is of sign off announcement and NA (Ron Howard, Asilomar State Beach, CA, dxldyg via DXLD)
http://groups.yahoo.com/group/dxld/attachments/folder/690427161/item/list

VANUATU: I can receive **R.Vanuatu on 3945kHz and 7260kHz** at past 1700UT on Jan. 30 and started program of Jan. 31(local time) at 1848UT. (S. Hasegawa via DXLD)

Övriga radionyheter

Special - Ending an era: Radio Prague signs off on shortwave [2011-01-31] By Christian Falvey
PDF för Radio Prags sista kv-sändning från stationen. Kanske nåt att sprida vidare?
(Hermod Pedersen)

Artikeln skickas med som bilaga till detta nummer av SWB. /TN
PERSEUS RELEASE VERSION 4.0a:
Well the Perseus board has been buzzing since the weekend about the new release of the Perseus software. What is it all about? Well the much anticipated www button has finally came to being. And it is far more interesting and "cool" than had ever dared imagine!!!!
What is the www button?? Well initially I was under the impression that it was primarily to allow dxers who live in the city, to site their Perseus at their friends farm, or at their holiday home etc. Since I had no holiday home, and am able to run long antennas through the woods at the back of me, I had no real interest. BUT....BUT....
When the software was released, mayhem occurred on the Perseus Yahoo board. At that stage I had a go at the software and checked it did all the MW dxing stuff OK, and made sure there were no new navigation buttons to navigate through recorded files. There wasn't. Same as vs 3.01b then??? Not quite....
So after the weekend was all over, and I began reading the Perseus reporters about listening to other guys receivers, I thought I would give it a try. No easy task as it turned out, but only for the reason that the Perseus sits beside my main PC which is never on line. To lead a longer USB cable over to the web PC might have been a 5 minute job I had wrongly assumed. Ha!!! Wrong again.
ANYWAY. After that, I tried to connect to some of the remote receivers that were up and running, which I did so with surprising ease. WAH I thought. This HAS the potential of being a superb DX tool. Imagine hearing a station ID in a weak signal condition and you want to compare to the web stream. Too often you can't stream North American MW stations. The stupid copyright screen about listening outside the States comes up with many stations. So like using remote tuners to check ID's, you can now have the additional use of a worldwide network of Perseus receivers. Yes. That certainly is a benefit!!
Lucky for me, I never had to alter anything on the modem etc. Everything went pretty much to plan!!
I use ZONE ALARM as a firewall, which has a box ticked about hiding my ip when appropriate. That seemed to cause problems when other dxers tried to access my receiver. When I unticked that box, dxers seemed to be able to log into my receiver immediately.
This release is a 100% freebie. At the last minute Nico announced that this release was a free update, and not the planned pay for plug in type release. I think NICO has made a good choice for himself here. Now he has no hassle of dxers that can't get the system to work, demanding money back and being irate. Now being a freebie, it is either take it or leave it!! Clever thinking I feel from Microtelecom.
So there you go. I change from thinking "I have no real use for this www button", to thinking "wah, what a powerful dx tool!!!" All within a couple of hours!!! Well done to NICO for all the hard coding work to make this available at the click of a button. But of course I have already heard and seen the negativity from a few dxers. Surprisingly I may add, as it's not difficult to see where benefits are. A bit like the guys that think Perseus users are cheating or have an unfair advantage over them in the first place. In fact we are simply taking advantage of technology to assist in the mw dxing hobby.
(Ken Baird in his blog MW DXing in Ayrshire)

Nothing more needs to be said, Ken story tells all about it and I only have to agree. A lot of the discussions in the Perseus group were mainly regarding the router problems and opening of the necessary ports.
Now when most people are up and running we have fantastic opportunities to check stations, antenna installations, bugs, etc.
According to Nico Palermo this release shall be considered as a beta version. He works hard to correct bugs both in the receiver section and in the server section.
Of course it takes some time to get everything up running smoothly and to adapt the settings to the different connection speeds from the ISP:s.

I have connected to a few servers which seem to have excellent low noise installations and stand out more than others.

Here are a few of those:
Mauno Ritola, Finland: 500 m Beverage to the east. Very quiet
Anders Hultqvist, Sweden: ALA100 very quiet
Ken Baird, Scotland: 500 m Beverage with 200 m coaxial cable and RP1 amplifier
Peer Axel Kroeske, Germany: ALA1530 very quiet

Roelof Bakker, Netherlands: PA0RDT Mini Whip, Very qiuet with this little antenna despite he is living in an urban area. (see more below where his min whip is described)

TreDXK, Finland: 450 m Beverage in 310°, very quiet

Walt Salmaniw, Canada: Canswl, ALA100 18x6 m, no amplifier. Very quiet.

Jürgen Bartels, Germany: Beverage 300 m in 320°, very quiet.

Clubstation DL0AO: Located in South East Germany "in the middle of nowhere" in a wood (a former ammunition depot), at least 1 km away from the next village with very low noise level. At the moment the antenna is a 250 m Beverage pointing to South America. Bernd, DF9RB

TF4M, Island: TF4M - Arctic Diamonds, http://tf4m.com/about . Superquiet background from his rhombic antenna. Visit his website and read aboutthis very special project. No info on his server for antenna direction.

Of course there are many others with excellent installations not visited yet. You can't do them all at the same time. /TN

More about Noise reduction

Question : Jurgen, you say that you enabled your Beverage to tune VLF. May I ask how you did that? Thanks! .... Walt Salmaniw, Victoria, BC

Answer:
1. I use a transformer that doesn't cut off LF, like the toroid I use now, a binocular core BN 73-202.
   50 ohm side has 4 turns, 450 ohm side has 12 turns
   There's a compromise,
   4 turns: freq above 3 mHz start to drop off,
   3 turns: freq above 3 mHz do NOT drop off, but below 200 kHz drop off.
   I use 4 turns. I did not want to use a VLF-only optimized transformer as my main interest is MW.
2. replaced the 220V PC-PSU connector against one with built-in mains filter. That eliminated most LF noise that went to the antenna.
3. use chokes at the antenna feed side and right at the rx input, see example here:
   http://dx.3sdesign.de/antenna_selector.htm

   Here's a 7h plot of 18-26 kHz: http://dx.3sdesign.de/temp/Spectr-110128-2343_18-26kHz.jpg you see 24kHz-Cutler, ME and 25,2kHz-N-Dakota fade in, while 19,8-Australia is there all the time, 24,8-Oso,WA is absent
   See fx here: http://www.mwlist.org/vlf.php

 (Jurgen Bartels Suellwarden, N. Germany via Perseus_SDR)

I have spent considerable time to improve the local noise situation here as that is single main subject that prevents good results at LF. In the past I have used Wandel and Goltermann selective level meters for this purpose to good effect.

Since I received my PERSEUS, the SLM's are collecting dust, as the PERSEUS is an excellent flexible and accurate selective level meter on its own. With HF Span you get the broader picture and in CW mode and a filter bandwidth of 20 Hz or less, you can investigate the weakest signals.

I went with the antenna to a rf quiet field location to establish a standard to work with. At home the noise level is still a few dB worse, but I am getting close now!
(73, Roelof Bakker, pa0rdt via Perseus_SDR)

DHCP IP address changes
The bigger issue that I am certain we will all run into, especially those who don't understand the home networking part of all of this is when your home network DHCP IP address changes. This can happen if you have an extended power outage or maybe go away for a few weeks and shutdown your PC's. In DHCP – the D stands for "dynamic". This means that your PC could possibly get assigned a different IP address on your home network. It doesn't normally happen because DHCP has a "lease reservation time" that means that you should always get reassigned the same IP address – UNLESS the lease time expires and for some reason your PC is off and another device requests a free address (which your old address now has become).

The problem this will cause, once you determine what your new DHCP IP address has become (hint, from a DOS window use "ipconfig /all") is the port forwarding rule you set in your internet router will need to have the IP address changed to your new DHCP assigned IP address. Easy enough if you remember how you did that in the first place !

And finally in case you are savvy enough and want to head off this possible problem from ever happening, you can manually assign a fixed IP address to your PC or even reserve that IP address in DHCP (on your router) if possible.

Obviously all of this is a bit beyond a group list like this, but just be aware it might happen to you someday and it's not the end of the world. Just need to understand how to deal with it.
 (Bill Nollman via Perseus_SDR)

Screenshots of 130 mediumwave channels

Hallo - recently I have screenshotted some 130 medium wave channels for 6,5 hours each, spaced 9 kHz as well as 10 kHz:

- 600 kHz - 531 kHz on the 16th of December, 2010 within a window of mostly 10 Hz. Time was from about 19:00 UTC to 05:00 UTC.
- 1602 kHz - 999 kHz on the 26/27th of January, 2011 within a window of mostly 20 Hz. Preferred time has been 01:30 UTC to 08:00 UTC, with some screenshots from the afternoon (Asian DX)

Receiver was SDR-IP with GPS-disciplined oscillator. The screenshots for each channel can be downloaded from: http://bit.ly/eyIstc   Your comments and ideas are very much welcomed.
(73, Nils Schiffhauer, DK8OK via DXLD)

CuteSDR - new software

Hallo - the new software CuteSDR provides exciting additions to RFSpace's software defined radio, SDR. In this short video, two of them are demonstrated:

- reception of a shortwave broadcaster (All India Radio "Vividh Bharati", 9870 kHz) with synchro detection in pseudo stereo. This is: the lower sideband on the left ear, the upper sideband on the right ear. This gives the striking experience of phase differences in both sidebands due to selective fading. Also a-symmetrical tuning of the bandwidth is provided to cope with interference in one sideband. It sounds like a merry-go-round. ["Shortwave on speed"]
- A very versatile AGC, which enhances intelligibility of not only SSB signals. Here Shannon VOLMET from Ireland on 5.505 kHz has been used as an example.
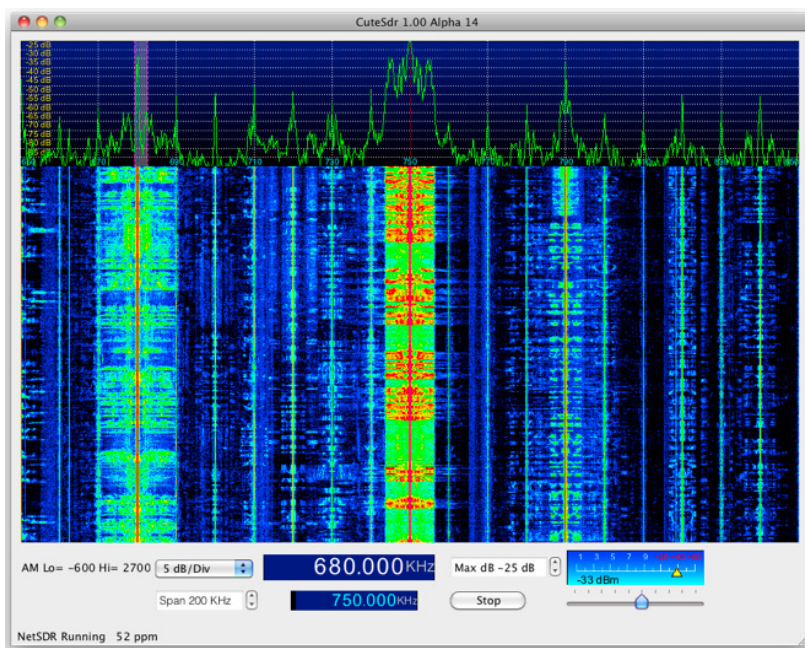
Look at YouTube:
http://www.youtube.com/watch?v=LxlSfewC8m4
Thanks to RFSpace, to having provided this software, working on a PC, as even on an MAC!
(73, Nils Schiffhauer, DK8OK via HCDX)

Another link of interest regarding CuteSDR is this: http://www.youtube.com/watch?v=GkAJ_5Tddb4   /TN

Net SDR-Power Supply

I suspect that anyone who DXes will be looking at something like this item, placed in their own case:
http://www.newark.com/sola-hevi-duty/sls-05-030-1t/power-supply-linear-5v-15w/dp/48F3005

Perhaps an aftermarket supplier will jump in. I'm certainly using a similar one now with an SDR-IP, after complaints at a DXpedition (from Perseus owners) once I'd fired up the SDR-IP's stock power supply. Ugly for weak signal MW DXing I'm afraid.
(Nick Hall-Patch, Victoria, BC via SDR-radio-com)

Connections fail at irregular base

When listening to other online receivers my connections fail at irregular base. When I look into my routers log after loosing a connection I see MANY port scan UDP lines. I have to wait (a long) period of time or totally reset the modem to make any new connections. Outgoing connections (me as server) are going well.
(73 de PE2HD, Harry)

Hello Harry, I had a similar problem with my Netgear DG834G router. The router feels to get a lot of packages coming from external users and thinks to be under attack. I solved by disabling the control of DOS (denial of service) in router.
(73 IW4ENS, Roberto)

Problems to connect to Perseus server, ("Please enter a valid host IP address")

Walter, that IP *(192.168.0.194)* is your INTERNAL IP address. Your EXTERNAL IP address, from the map, appears to be 96.54.171.198.

That said, I get "Please enter a valid host IP address" error message. That is the exact same problem that Sylvain Naud had. The problem is not with anything you did, it seems to be that your ISP is blocking something.

The workaround seems to be that in order for anyone to connect to you they will have to add your IP address to their "hosts" file on their PC. I just did this and am connected to you now. Audio sounds good too!

The hosts file is at C:\Windows\system32\drivers\etc\hosts
You can add as many lines as you wish. Mine looks like this.

```
173.182.184.97 sylvain  # IP address for Sylvains Perseus – workaround
96.54.171.198  canswl   # IP address for Walters Perseus – workaround
```

And as I said, the only thing really needed is the stuff before the pound sign. You can then connect using "sylvain" or "canswl" because your PC will read this file and match up the name with the number. This is old school networking ;-)

And finally, just remember that these numbers can change. There is no guarantee they will be the same next week, although they shouldn't change too often. So if it doesn't work tomorrow, check the map which appears to show the latest and greatest IP address as assigned by the persons ISP.
Be careful to use only notepad to edit it as other programs might add an extension to the end of the filename.
(Bill Nollman via Perseus_SDR)

My Win7 32 bit tells me that I am not authorized to save in that folder though I am administrator of my PC. What to do?
(Thomas Nilsson)

While I cannot pretend to be a Win7 expert, I found this instruction on Internet, did you already try with procedure below?
- Click Start
- search for "Notepad"
- right-click and select Run as Administrator
- open C:\windows\system32\drivers\etc\hosts
- edit and save

The file has no file extension, it is an ASCII file.
(Andrea Montefusco via Perseus_SDR)

Two client PC on the same LAN - howto?

Do this on your Perseus clients:

1. Click the blue Microtelcom logo
2. Click Network Settings
3. Select different values for "Client UDP port", for example 8014 on PC #1 and 8015 for PC #2.

Now log into your router and do this:
4. Under the NAT/port forwarding settings in your router, make two rules:
Forward port 8014 to the local IP address of PC1
Forward port 8015 to the local IP address of PC2

You can find out the local IP address on each PC by opening a command prompt window and type ipconfig <enter>.
You may have to open the ports in your firewall as well. It worked for me.
(73, Johan, SM6LKM, via Perseus_SDR)

From the client point of view the UDP traffic is *always* inbound.
From the server point of view it is always outbound but usually, unless the network on which it is operated has a annoying firewall, routers never blocks outbound traffic, whether it is UDP either TCP, that's why on the server side you just need to open the router's TCP port you specify in the Server configuration dialog and nothing else.
All the connection setup phase relies just on a connection to the server TCP port.
During this phase the client and the server exhange some information. i.e. nicknames, QTH, coordinates AND the UDP port the client would like to receive the inbound UDP traffic.

The logic looks more complicate than it actually is but it allows to both have multiple servers and multiple clients behind a router (provided it is properly configured) which was one of my design goals.
(73s, Nico / IV3NWV via Perseus_SDR)

German help page for v4.0a

Help page at http://www.ssb.de/product_info.php?info=p2873_Software-v4-0a.html now lists the v4.0a features and gives hints for installing, configuring and using the new software (in German). Perseus Third Party Software Guidev101.pdf is available, with some new URLs that cover networking questions. Look for the red URLs on page 3. Have fun!
(vy 73, Willi Passmann, http://www.radio-portal.org/sdr.html)

Precise Frequency Locking for the RFSpace SDR radios

Some very useful links:
- G4HUP Reference Locking the SDR-IQ and SDR-14 receivers http://g4hup.com/SDRlock.html
- Precise Frequency Locking for the RFSpace SDR radios   http://www.braddye.com/gps_do.html

(Lennart Deimert & Anders Hultqvist)

GPS for SDR-IQ receivers ?
Question: If I have a 10MHz GPS reference clock in my shack, then how do I connect it to my SDR-IQ?
(Thanks Peter, G3ZSS via SDR-Radio.com Yahoo!)

No, you'll need the SDR-IP or NetSDR with optional oscillator board. From memory mine is accurate to a micro Hertz or so.
(Simon. HB9DRV via SDR-Radio.com Yahoo!)

Why use an ULTRALOW NOISE OCXO REFLOCK for NetSDR or SDR-IP
… it's easy, if you want to:

- make really long recordings, you get 100% stability
- analyze IQ files of these long recordings down to 0,003 Hz resolution
- measure the absolute (not: relative) frequency in sub-Hertz regions for fingerprinting (e.g. offsets on medium wave)
- tell: "Is it my oscillator drifting, or that of the transmitter?"

For this and other applications, I bought a SDR-IP. If you don't need one of those applications, it seems you don't need this option.

To illustrate just some of the above points, have a look on some AM channels (9 kHz raster, as well as 10 kHz) to see the different offsets, and drifts of those stations. Most screenshots had been taken over five hours or so within in a 10 Hz bandwidth, at 0,024 Hz resolution: only few stations are "rock steady": see http://bit.ly/eyIstc
 (73 Nils Schiffhauer, DK8OK via SDR-IQ@yahoogroups.com)

SDR-Radio: a highly efficient tool for DXing and monitoring!
Hallo - in the last weeks, Simon's software SDR-Radio brought up new and highly efficient tools for DXers. I do like especially the analysis of the IQ Data File, where you can see bands with either a wide angle or a microscope. Both perspectives will further enhance DXing and monitoring. In a PDF of about 25 pages, I collected some examples of how to use this tool. Mostly, they are just screenshots with their captions. If you want to download it, visit: http://bit.ly/hZJ4yp (download size ≈25 mB). Any comments, critics & suggestions are highly welcomed!
(73, Nils Schiffhauer, DK8OK via mwoffsets)

Nya WiNRADiO-mottagare på gång!
Efter succén med EXCALIBUR G31DDC jobbas det nu för fullt med "storebrödrarna" G33DDC och G39DDC.

G33DDC bygger på Excalibur men har bl.a högre frekvensstabilitet, förbättrad mottagningskänslighet och 4 MHz inspelningsbart frekvensområde.
Frekvensområdet är 9 KHz – 49,995 MHz. Mottagaren är utrustad med konfigurerbar pre-selectorfunktion och switchbar, lågbrusig förförstärkare. Mera information på http://winradio.com/home/g33ddc.htm Beräknas släppas under våren. Pris ännu ej fastställt.

G39DDC omfattar frekvensområdet 50 kHz – 3,5 GHz i 2 parallella, oberoende mottagningskanaler med 4 MHz bandbredd avsedda för signalbearbetning och inspelning.
Mottagaren har en sökhastighet på hela 1 GHz/sekund och stöds av en kraftfull mjukvara för styrning av scanningmode, signalbearbetning, spektrumanalys etc. Mera information på http://winradio.com/home/g39ddc.htm Vi återkommer med pris och leveranstid när detta fastställts.
(Via winradio.se)

Ny mjukvara för Excalibur!

Ganska många "fixes" för G31DDC i den nya mjukvaran som släpptes igår -- WiNRADiO G31DDC Series Application - Current Release 1.26

What is new in this version:
 Fixed bandwidth support in XRS
 Fixed horizontal scrollbar in waterfall displays
 Memory edit dialog remade
 Drop-down boxes scroll faster with Shift
 New functions Waterfall Palette and Gravity: parameters are saved, functions documented in Help

New API and driver (high BW DDC fixed)
FM demodulator linearity improved for wider bandwidths
Fixed frequency calibration upon start-up
Fixed Max IF Gain adjustment
Fixed DDC spectrum when large and zoomed
S-meter improved (Peak mode enabled for uV mode only)
Added image compression when saving spectra (where supported by OS)
Miscellaneous improvements of GUI and reduction of GDI resource usage
Improved support for XRS DSP (IQ DEMODSIGNAL)
DRM player updated
Added autosaving of memories
Paused playback/recording can now be resumed by Play button
Hämta ned från   http://www.winradio.com/home/download-g31ddc.htm   /TN

PA0RDT Mini Whip

"After several fruitless attempts to make an active loop work in a city environment, it was found that the electric field from local noise sources was contained within the house. The magnetic field of local noise sources was not contained inside the house, making weak signal reception at LF impossible."

Mini Whip is an active antenna comprised of one square inch of copper clad PCB followed by a buffer amplifier. The antenna is mounted 5 meter high and 6 meter from the house.
I use RG58 50 ohm coax, with the shield connected to a ground stake at the bottom of the mast and before entering the house.
I don't use rf chokes, but instead a rf isolating transformer, which in my case does not make much difference.

I have written an article about this antenna in Dutch for Electron, the magazine of the Dutch Amateur Radio Society.
It can be found here: http://www.ndb.demon.nl/DXA/

It has been my policy to make the design public, so that everybody who wants to do so, can build a mini-whip antenna.

I have had many requests from listeners, who liked to have one, but missed the skills to roll their own. As a result, I am building mini-whips to order. For Sweden the cost is Euro 48, shipping included.

The antenna was developed for my own use: chasing NDB's at LF where it really shines. With PERSEUS this is an excellent combination.

Specifications:	Power Feed Unit:
frequency range : 20 KHz - 20 MHz power : 12-15 volts at 45 mA 2nd order output intercept point : > + 60 dBm 3rd order output intercept point : > + 30 dBm connector : BNC 50 ohm dimensions : L 100 mm ; d 40 mm	reverse voltage and short circuit protected RF isolating transformer nominal current : 100 mA, drop out current : 200 mA self restoring fuse connectors : BNC 50 ohm & 2.1 mm DC connector (+ at center pin) dimensions : 65x55x35 mm

(73, Roelof, pa0rdt)

Liten jämförelse

När nyhetens behag med Perseus servers har lagt sig, så börjar det kännas helt naturligt att kolla kondsen genom att logga in på andra Perseus servers i Norden. Tyvärr finns det ännu inte så många att lyssna på. Men Maunos server i Joensuu, Finland är en utmärkt kontrollstation. Mauno har en tyst och fin antenn riktad mot Asien.
Men jag saknar servers på norska västkusten. Det skulle vara mycket spännande att ta del av vad som händer där.
Jag har även börjat använda SDR-Radio servers. Dessa kräver ingen egen rx, utan det är fritt fram att utnyttja dessa. Det är busenkelt, när man väl vet hur man ska göra... Och dessutom levererar SDR-Radio ett helt överlägset ljud jämfört med Perseus. Jag vill påstå att det är helt *makalöst*. Ladda ner SDR-Radio!

SDR-Radio ligger hästlängder före Perseus även när det gäller signalanalys (IQ Data Analysis). Det har jag berättat om många gånger redan. Att på bara några få minuter kunna rita upp 12 timmar eller ännu mer av en spectruminspelning i önskad detaljrikedom ända ner till 1 Hz är ett fantastiskt och spännande hjälpmedel. Läs Niels Schiffhauers fina skrift som handlar om just detta. Det var Lennart Deimert som tipsade mig. Mycket läsvärd!

(Anders Hultqvist via sin blog DX -Perseus)

För er som inte sett SDR-Radio tidigare, kommer här en liten lathund för det AHK beskriver.

När ni laddat hem programmet och startat upp det, ser programmet ut som på bilden nedan. Under "Input Source" väljer man vilken källa man vill använda, antingen Local (this computer) eller Remote (via network). /TN

Welcome to SDR-Radio over internet (free)

SDR-Radio has a similar service approach as Perseus. http://sdrspace.com/ and go to
http://sdrspace.com/ListenForFree/tabid/425/language/en-US/Default.aspx

To be able to listen follow the instructions given by SDR-Radio:
Use an On-Air server to try the RFspace software without buying your own radio, *a licence is not needed*!

- Download the latest kit from SDR-RADIO.com, (latest kit=beta ver 555)
- Install the kit and start the Console (just accept all defaults),
- From *Input Source* on the ribbon bar select *Remote (Via Network),*
- In the *Remote Connection* window select *Browse Web*,
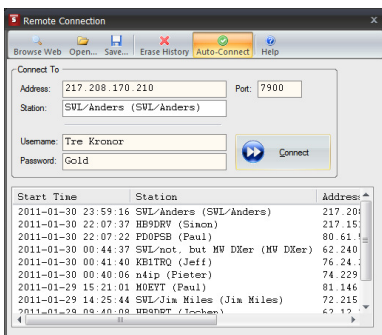- Select an entry from the list of servers, return to the Remote Connection window and press *Connect*!
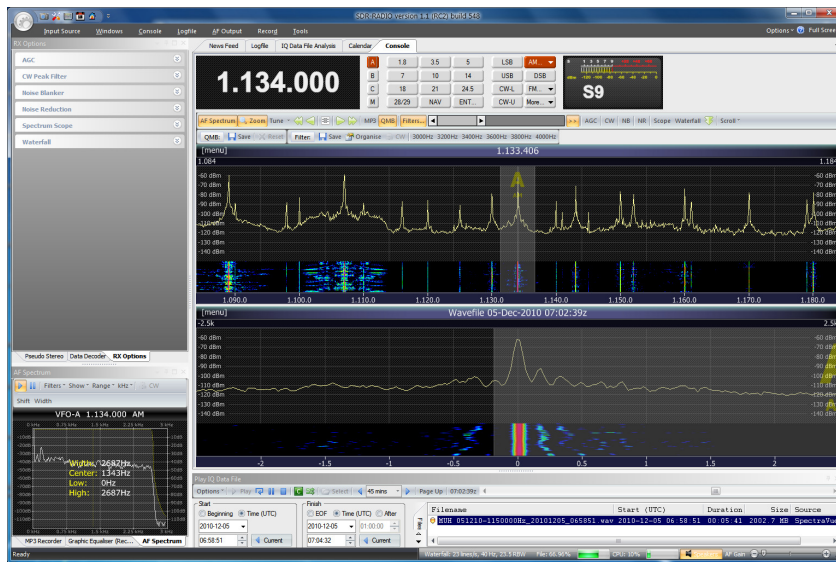
Välj" input   source" i menyn.
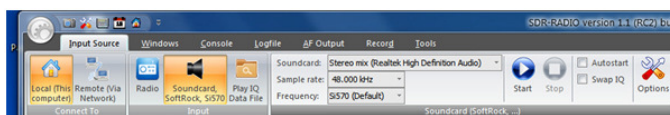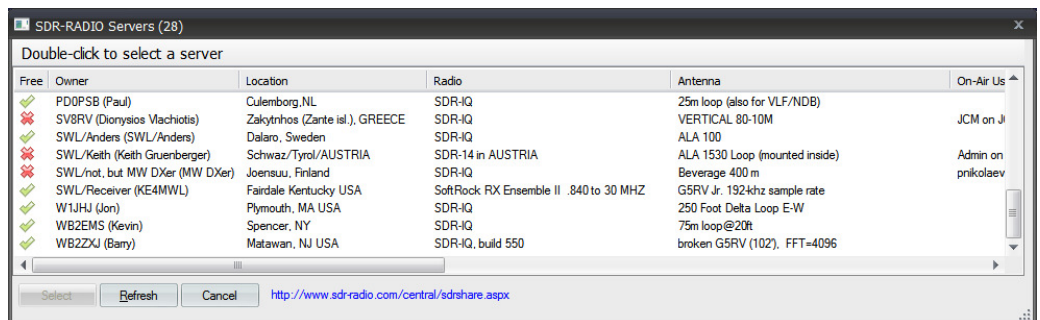
Välj därefter   "Remote (via Network)"


Denna bild kommer upp.

Välj fliken "Browse Web"

En ny bild dyker upp som visar alla de SDR som är anslutna till servern.

Markera den SDR du vill ansluta till och välj "select" (om det behövs, tryck på "Connect" i Remote Connection fönstret.).

Som ni ser bland servrarna så finns det två som ni absolut måste kolla som har mycket bra antennpark kopplade till sina rx:ar:
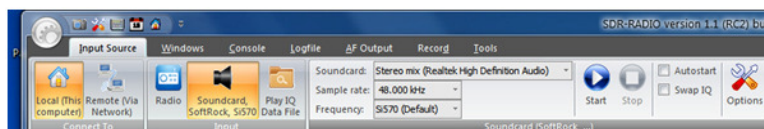**Mauno Ritola:** (SWL/not, but MW DXer).
Anders Hultqvist: (SWL/Anders). AHK säger i ett mail till mig att det varit många inloggningar sedan uppstarten den 30/1. Av dessa är väldigt många ryssar.
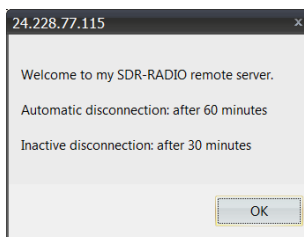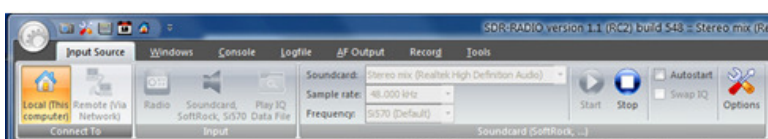
Ett välkomstfönster visas, tryck 'OK'.

För att starta upp sessionen, gå till "Input Source" igen och tryck på "Start" (pilen till höger)
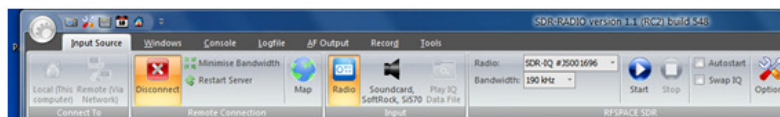

Efter en liten stund har kontakten etablerats och du kan börja lyssning precis på samma sätt som din egen rx.
När du är nöjd, klicka på "Stop".

Klicka sedan på "Disconnect" innan du kan ansluta på nytt till en ny server.

/Thomas Nilsson

Nytt sätt att fixa QSL ….
Jag vet inte...   Men ändå.   Jo.
Hur kan det komma sig att jag. på nåt vis, kommit att tycka att detta kanske är sättet att lösa QSL-frågor i denna den modernaste av digitala tider? http://www.1395.eu/index.php?dir=qsl
(Hermod Pedersen via NORDX)

"Good thinking" måste man väl utropa i det här fallet.
Annars finns det förstås många flera man kan rekvirera QSL från vare sig man lyssnat på radio eller via internet.
RFA föreslås som årets QSL-station: http://www.rfa.org/english/about/frequencies.html?searchterm=None
Jag tycker man skulle ha valt the Voice of Mongolia (UQ!) för den stationen håller ännu på de gamla goda sedvänjorna. Är rapporten dålig, blir det inget QSL. Varje måndag kan man höra exempel på detta i stationens "Mailbox". På vom.mn/en om mottagningen är dålig på 12085 kl 1030 utc! Fast på nätet lägger man ut programmen med flera dagars förskjutning...
(Henrik Klemetz via NORDX)

Henrik: Mycket bra förslag. Voice of Mongolia har en så sund QSL-policy att de förtjänar att premieras. Men jag har både dåligt minne och dålig koll: Har möjligen VOM redan varit QSL-station tidigare? Lars Wieden som håller i trådarna vet säkert. Så bäste Lars, vad säger du? Jag är beredd att ta tillbaka min röst på RFA och rösta på Mongoliet, om det visar sig att stationen inte valts tidigare.
(Ullmar Qvick via NORDX)

Radioastronomi back to basic
NASA's JPL mfl bygger ett radioteleskop för 10-88 MHz i New Mexico, en sk "Long Wavelength Array".
En av orsakerna till intresset för detta frekvensområde (där radioastronomi en gång startade) kan kanske vara "avfolkningen" av BC-stationer på banden?
Jupiter "sänder" väl på 20 MHz om jag minns rätt?

http://www.nasa.gov/topics/universe/features/lwa20110126.html

(Johan Letterstål via NORDX)