

SHORTWAVE BULLETIN

Issue no. 1710, Jan 9, 2011.

Deadline e-mail next issue: 0900 SNT, Jan 23, 2011.

God fortsättning!

Så är vi snart tillbaka igen i grottekyrkan efter nyårsfirande och semestrar.

Man vänjer sig fort vid att gå och skrota.

På radiofronten intet nytt. Perseus har aviserat en ny uppdatering, nu förberedd för anslutning till Internet. NetSDR kommer först i början av februari. Visst är det gott att ha något att se fram emot.

I detta nummer finns lite info om USB kort för serversidan som bl a SDR-Radio kommer att stödja inifrån sitt program.

Detta kommer att förenkla livet väldigt för de som vill skifta antenner i samband med programmeringen av inspelningarna.

På KV har några få kvarvarande Papua-stationer kunnat höras under jul & nyår, men inte är det som förr! Även Vanuatu och Solomon Islands har gått igenom då och då, men ack så svaga.

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://homepage.sverige.net/~a-0901/password.htm>
Solar cycle progression: <http://www.swpc.noaa.gov/SolarCycle/>

QSL, kommentarer, mm.

Christer Brunström: Den senaste tidens inaktivitet beror på att jag tillbringat julhelgen på Thistle Hyde Park Hotel i London. Det visade sig vara mycket bättre än vad vi hade kunnat drömma om. Fint och rymligt rum, god mat och trevlig personal. På julafton besökte vi julbönen på svenska kyrkan vid Edgware Road och på eftermiddagen serverades afternoon tea med champagne på hotellet. På juldagen var det traditionell jullunch med kalkon och liknande. Lyckligtvis undgick vi helt kaoset i tåg- och flygtrafiken - allt fungerade perfekt!

John Ekwall: Det gamla året avslutades med att få ett kort från Radio St Helena för sändningen 2009. Kortet hade nummer 267. Hoppas ni får det bra i Mardal under det kommande året.

Anders Hultqvist: Jag såg just att netSDR är ytterligare lite försenad. Men det intressanta är att specen är ändrad från att klara "bara 1,3 MHz" spectrum-inspelning till 1,6 MHz. Precis som Perseus. <http://www.rfspace.com/RFSPACE/NetSDR.html>

Angående exakt avläsning av IQ-analysfiler i SDR-Radio: Tekniken att få exakta frekvensangivelser med hjälp av SDR-Radio är följande:

1. SDR-IQ (snetSDR) ska vara uppvärmd. Själv kör jag alltid mina rx kontinuerligt. Stänger aldrig av dom eller datorn.
2. Sekunderna innan jag startar spektruminspelningen så kalibrerar jag mottagaren mot 1341 kHz där BBC och Ungern ligger stabilt på 1341,000. Kollar även mot några andra tex 810,000 BBC. Ligger dessa exakt på ,000 är rx kalibrerad korrekt.
3. Inspektionen körs helst hela natten / hela eftermiddagen. Då ser man bäst utvecklingen av kondsen och får en spännande användbar IQ-analys.
4. Så långa inspelningar gör ofta att man får en liten drift på rx beroende bla på temperaturen i mottagarrummet. Mina rx står på en uppvärmd sommarveranda på Dalarö. Över 12 timmars inspelning kunde jag notera en rx-drift på mindre än en halv Herz från start till stopp genom att jämföra med starttidens exakta uppgift om frekvensen för tex BBC 1341 kHz och stopptidens frekvens för samma station.

Då är det enkelt att avgöra alla andra signalers exakta frekvens. Och man kan därför avgöra vad som är stationernas egna eventuella drift och vad som är rx-drift.

Eftersom många stationer driver "systematiskt" fram och åter så får man hela tiden olika mätpunkter för dessa stationer. Och om man inte är medveten om driften så undrar många vem som har läst av rätt och vem som läst av fel. Det kan alltså vara på det sättet att samtliga avläsningar är korrekta "à la minute". Men om man inte kör spektruminspelning över långa tidsförlopp är man inte medveten om signalernas egenheter.

Jag önskar även uppgifter om flera "rock solid" stationer så att avstämningen över hela mellanvägen kan kollas med ännu högre noggrannhet.

Stig Adolfsson: God fortsättning på det nya året till dig, Thomas och övriga tappra KV-lyssnare!!

Efter att inte ha hört något noterbart alls under en lång tid så har jag insett att jag måste vidta någon DX-förbättrande åtgärd. Stördimman på MV sträcker sig en lång bit upp i KV-spektrum

vilket är deprimerande. Provade en kommersiell loopantenn men situationen blev inte nämnvärt bättre. KNR 3815 brukade förr höras regelbundet här men de få gånger som den nu har hörts har den legat precis i brusnivån. Trodde ett tag att jag hade fel på rx:en men ett byte förbättrade inte situationen. Antennen har varit uppe några år så det är kanske dags att se över den?? När OB, några få mil härifrån hör PNG och Honiara, 5020, hör jag inte ens bärvågor . Så här behövs krafttag.... Lyckades dock höra ett par PNG i går kväll. Alla fadade ut omkring 2035. 73 från en något desillusionerad Stig A i Vallentuna.

Björn Fransson: Inte mycket lyssnande, men desto mer skidåkande och snöskottning. Idag blir det varken det ena eller andra, sedan jag skottat av halva villataket igår. "Broken back" är ingen direkt överdrift, när läget för dagen ska beskrivas. Dessutom har det börjat regna mitt i det vackra snötäcket.

QSL: Radio Gloria, Schweiz via Kall, Tyskland-6085. E-mail, v/s Peter Galliker, som utlovade QSL-kort per post.
Radio Free Sarawak, Clandestine-15680. QSL-brev och -kort från v/s Erwin Zbinden på Bruno Manser Fonds, Socinstrasse 37, CH-4051 Basel, Schweiz. **Radio Pridnestrovie-6240.** Riktigt snyggt e-mail-QSL, v/s: Staff

Bengt Dalhammar: En överraskning efter hemkomsten från landet var att det hänt något med internetanslutningen, vad har en kunnig person inte lyckats lista ut. Så nu går jag över, i varje fall tills vidare, till bengtdalhammar at gmail.com och hoppas att detta skall fungera.

En annan överraskning, åtminstone för mig, var boken Hur funkade det, utgiven av Kjell & Co, som behandlar datorer, nätverk, el/elektronik, hembio och TV-teknik, sammanlagt 576 sidor för det minst sagt facila priset Kr 39. Säkert finns en del att hämta även för den normalkunnige. För den som inte kan kan så mycket finns nog ännu mer att hämta.

Går allt enligt planerna åker blir det en resa i slutet av januari till Nya Zeeland med 14 dagars rundresa med följande avslutning på Rarotonga. Det senare skulle bli besök i mitt fjärde överifierade land, tidigare är Liechtenstein, Svalbard och Gibraltar. Radio avses att medföras men resor av det här slaget brukar inte innebära särskilt bra eller många tillfällen till ostörd lyssning så det är mer för att höra vad som eventuellt händer i omvärlden. Radio Sweden är nu ett sorgligt minne blott och därför inget att försöka höra.

Ullmar Qvick: Hej Thomas och god fortsättning!

Nyårsafton sökte jag förgäves Radio Bilá Hora på 3333 kHz och allt tyder på att denna "nattens drottning" (blomman som slår ut bara en natt) faktiskt uteblev.

Min stora rx NRD-535D har nu återkommit till fadershuset efter omsorgsfull service av Dag, SM4AIQ, gammal kompis från Kristinehamn, som också dx-ar på rundradiobanden.

Loggningarna denna gång - utom Eritrea - är dock utförda i behagligt sängläge med Sangean ATS 909 och inomhusantenn, vertikal med 60 m helixlindad tråd. Mer än så blir det inte denna gång!

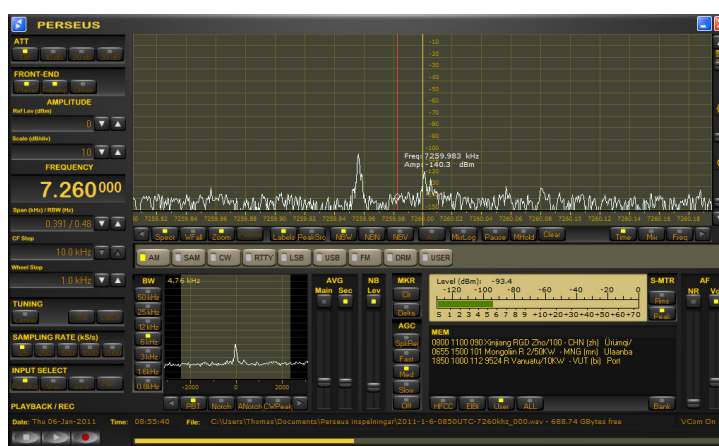
Loggen

(UTC)

2310			Australia VL8A Alice Springs NT 0947 weak signal [Wilkner]
2340	3.1	2030	Unid weak with mx. TN
2360	3.1	1930	Unid very weak with mx on Asian antenna direction. TN
3274.992	8.1	2040	R Southern Highlands , audible mx. Also noted Jan 3 but then very weak. TN
3274.994	6.1	2025	Radio Southern Highlands , Mendi, prat 1-2 SA
3290			Voice of Guyana 0800 subcontinental music, om dj, 0923 new music, into 'the possibility of faith ...' IS as "You are listening to the Voice of Guyana" followed by time check, 0855 pop rock music, "welcome to this Monday Morning", 0932 discussion of three lucky winners - Guyana lottery ? , second Voice of Guyana ID, 0943 religious message, chorus at end of the sermon, Baptist Bible announcement, 1010 "Voice of Guyana" ID "Good Morning and Happy New Year" Pres. message ?. 3 January [Wilkner]
3304.969	8.1	2040	tent R Western with weak mx. TN
3304.991	6.1	2020	Radio Western , Daru med prat på Tok Pisin. 1-2 SA
3309.98			Radio Mosoj Chaski , Cochabamba 0907 musica boliviana [Wilkner]
3325	3.1	1450	RRI Palangkaraya one a very few audible Indonesians left on SW. TN
3330	6.1	0715	CHU Ottawa tidsignalstation, röstmeddelande 10 sek före ny minut, annars sekund-impulser. UQ
3344.962	3.1	2027	tent RRI Ternate with mx TN
3364.977	26.12	2000	R Milne Bay This day audible with mx. Audible again on Jan 3 but extremely weak audio. TN
3814.98	3.1	2145	KNR , Tasiilaq, svag med prat. USB. 1-2 SA
3904.928	6.1	2030	Radio New Ireland , också med prat på Tok Pisin. 1-2 SA
3904.931	8.1	2045	R New Ireland with mx, weak audio TN
4700			Radio San Miguel , Riberalta 0850 -0910 noted with om en espanol, no music [Wilkner]

4716.4			Radio Yura , Yura open carrier very strong from 0825 [Wilkner]
4750			Tent. - Bangladesh , 1120 to 1140 subcontinental music with yl dj [Wilkner]
4754.8			Radio Imaculada Conceição , Campo Grande, MS, noted at 0840 to 0900 [Wilkner]
4770	28.12	1545	VOBM in Eritrea in parallell with 7120 & 7165. See also Jari Savolainen's comment. TN
4789.9			Radio Visión Chiclayo weaker than usual, om 0900 [Wilkner]
4796			Radio Lipez , Uyuni om at 0945 [Wilkner]
4869,925	1.1	1350	OID men troligen RRI Wamena . Den kurdistanska frihetssändaren med uppvaltande störsändare flyttade tyvärr efter 5 minuter från 4890 till denna QRG och omöjliggjorde vidare lyssning. 1-2 SA
4915			R Difusora , Macapá 0827 Portuguese vocal, good signal [Wilkner]
4935			Radio Capixaba , Vitória, ES 0835 good signal m om in Portuguese [Wilkner]
5019,874	6.1	0900	tent SIBS with carrier. Weak audio but not enough to get an ID. Way below what we were used to from last season. Also the same day at 1905 and a little stronger signal. TN
5025	6.1	0555	Radio Rebelde gick betydligt starkare än Radio Habana Cuba på 5040 kHz. UQ
5059,981	7.1	1515	tent Voice of Oromo Liberation? eller R Bana? More or less only talk. Heard under a really strong Xinjiang on 5059,979. TN
5925	6.1	0650	RFI Issoudun F på franska mot Nord- och Västafrika. Stängde abrupt 0657. UQ
5950	6.1	0645	Family Radio Okeechobee FL på spanska, svårt splatter från Holland 5955 kHz. UQ
6045	6.1	0630	KBS Korea via Sackville, Canada med spanskt pgm och trevlig musik. 0639 språkkurs i koreanska, nej tack för min del. UQ
6085	1.1	0910	Radio Gloria via Kall med katolsk mässa. Svag! S 2. BEFF
6090	6.1	0620	University Network Anguilla med pastor Melissa Scott non-stop, men budskapet mindre extremt än en hel del andras! UQ
6162,000		kväll	ZNBC , Radio Two i Lusaka hörs i stort sett varje kväll med px på EE. Stänger A2205. 1-3 SA
6185	6.1	0608	Vatikanradion perfekt mottagning med CB:s DX-pgm samt brevlåda. UQ
7175	9.1	0530	Voice of the Broad Masses , Asmara med nx och 0534 musik med trummor. Illegal frekvens på amatör- bandet. UQ
7240	8.12	1900	Family Radio (via Ryssland?) med program på SVENSKA! Vi har tydligen fått en ny svensksändare (åtminstone fram till domedagen den 21 maj 2011 - det mesta i det 60 minuter långa programmet handlade om just detta). 4 CB
7259,96	29.12	0900	Tent Vanuatu in battle with another Asian, presumably Mongolia on 7260,002. Other days I have heard at about the same time another Chinese speaking station. Later R China Intl carries Japanese and is easy to recognize. Sometimes I have heard Russian at about 1030 UTC but don't know from where. It is also a little odd that Vanuatu is at maximum on my Flag pointing at 120 degrees and weaker on the one pointing in 30 degrees, the latter always best towards Australia and Indonesia. TN A recording was sent to Mauno Ritola and he replied on Nov 29: <i>It most certainly is Vanuatu there, although I don't recognise any specific words. The upper station sounds clearly Mongolian. Seems that China is off, as it often is on Tuesdays at this time. You could confirm it as 100 % by simultaneous listening via Australia remote rx.</i>

In new mail from Nov. 30:
I can hear now at 1035 Vanuatu on top and // with Brisbane remote rx. 3945 kHz much weaker. Antennas can act strangely sometimes! /Mauno



The picture is from Jan 6 when Vanuatu was almost alone and undisturbed. Caught a weak ID at 0900 for the first time on this frequency. TN

7350	15.12	0525	Hamada Radio International startade, men försvann snabbt och kom tillbaka igen, mycket svagare. BEFF
7510	29.12	1430	Gúnaz Radio , ny clandestine, troligen för Iran men med Azerbajanskt ursprung. Förmodligen på azeri. En del vacker musik, men mest bara snack. S 4. BEFF

- 7260 **R. Vanuatu**, Port Vila. December, 30 0754-0805 Pacific Pop music, female in local language hosting listeners by phone, top of the hour announcements, back Pop music. Presumed Mongolian Radio underneath, 33433 (lob-B).
- 7245, **R. Mauritanie**, Nouakchott. December, 30 0810-0819 male in Arabic talks "Mauritania", outside talks, Arabic music back male. 34433, (lob-B).
- Lúcio Otávio Bobrowiec via Robert Wilkner & also via DXLD

Stationsnyheter

AUSTRALIA. The new station on **3210** widely heard along the eastern Australian seaboard is 1 kW, and transmitter is located at Schofields, NSW, vertical antenna. The licence was approved in February 2007, and licensee is a Craig Allen, of 5 Riviera Place, Glenmore Park, NSW 2745, who also holds a licence, approved in 2003, for an operation on 5050, 400 W, from a site at St. Mary's, NSW. Currently running 24 hrs on 3210 with continuous syndicated English programming originating from satellite in the USA. Regards from Melbourne! (Bob Padula viaDXPlorer)

Hi Everyone, Thanks to a tip from John Wright (ARDXC)-- this station has been on for several days. I believe this is the ex-Pifo transmitter, now broadcasting from the Sydney area. (I had all the details but somehow misplaced that email. I also believe they are only low power with the exciter ATM.) I'm only 900+ kilometers from the presumed site, but after 0900 it's very strong, heard with S9+50 (or better) 6 January with non-stop pop music. (I believe this is the same station I heard a few days prior with a religious sermon.) Also, I measured the freq last night and it seems to be very slightly below nominal (i.e. 3209.99). (73s, David Sharp, NSW Australia)

CHINA. Jan 2 at 1430 noted a rather strong Chinese station on 6488 (carrier plus LSB). After checking for parallels it appeared to be Xinjiang, same program on 3950 and 5060. The 6488 transmitter went off at 1500 after time pips. Some kind of temporary feeder or just ute transmitter test? (Jari Savolainen Kuusankoski Finland via DXLD)

CUBA. In relation to the announcement of the future use of 3365 mentioned in DX-Window no. 417, I asked Arnie Coro: "Most international broadcasters participate in the frequency coordination of the HFCC, so I wonder, why CUBA is not a member there? But of course that is a national decision". Arnie Coro promptly sent me this national position: "The one and only, very solid reason why Cuba is not a member of the so called High Frequency Coordinating Committee is that the United States of America is a member of that group, so as you may understand, we will NEVER negotiate with the USA delegation to HFCC meetings as regards to frequencies that are used to broadcast the Radio Martí and Voice of America ANTI-CUBAN programs. Voice of America in Spanish came ""back to life"" after many years OFF THE AIR on 20th of March of 1960 ... in order to beam program against the Cuban Revolution, as admitted by a large number of now public US government documents. "Later on, in 1985, on the 20th of May at 0528 in the morning local time, the VOA relay station in Marathon Key, Florida, was disconnected from the VOA Spanish program feed and provided to the Radio Martí "station..." , to broadcast still more aggressive ANTI-CUBAN programs... "So when Cuba sends its frequencies to be registered in Geneva, we are dealing DIRECTLY with the International Telecommunications Union, in Geneva, Switzerland, the specialized United Nations agency, that compiles the frequency registrations and sends out the databases in CD ROM discs containing all the required data, including incompatibilities, like co-channel use, and adjacent channel levels." (Arnie Coro, Dec 20, DSWCI DX Window Dec 31 via DXLD)

ERITREA. 4770.02, Voice of the Broad Masses of Eritrea, Asmara, 0405-0440 fading out, Jan 05, new frequency also heard in the morning, news in local language (not Arabic as scheduled), 0410 ann, song from Horn of Africa, 0415 interview, another song from Horn of Africa, 0430 a proclamation read, news in a local language, 0433 Horn of Africa music and advs, 35333, heard // 7175 (45444) and weaker signals on 7120 (25222) and 7165 (25222). (Best 73, Anker Petersen via DXPlorer)

MALAYSIA: A new frequency, **9835**, is now in use for the **Domestic Service of Radio TV Malaysia.** The transmitter is at Kajang, with 100 kW, intended target area 54NE, and authorized to operate from 0000 to 1600.

It provided excellent signals on Tuesday December 4, 2010, in the mid-afternoon between 0400 and 0500, carrying RTVM programming in Malay, originating from the Musik-FM Network. Propagation was via the Asian Daytime Summer Mode. My reception was at the Maroondah Reservoir Park, Healesville, 80 km east of Melbourne, using the Eton E5 and 3 m of antenna.

QSL VERIFICATION

RADIO STATION Voice of Broad Masses of Eritrea
TRANSMITTING FROM: ASMARA - ERITREA

Dear My: CHRIS MARKERELL

We confirm with pleasure your reception report which conforms to the programs we broadcast. THANK YOU.

FREQUENCY: 7380 KHZ
Date 30th Sept 1993 Time 03:30-04:00 UTC
LANGUAGE: KUNAMA

[Signature]
Signature

[Official Seal]
Official Seal

Other SW relays of RTVM's domestic services include: **5965 Malay** (Klasik Nasional FM), **7295 English** (Traxx FM) (also audible at Healesville 0445-0500). Another allocated frequency is **11665**, as an alternative to **9835**. It's possible that this transmission is only on the air during local daytime hours in Malaysia.
Regards from Melbourne! (Bob Padula via DXPlorer)

SOLOMON ISLANDS. On Monday 13 December I heard **SIBC on 9545 kHz** around 0700 UT. I haven't heard them since. I asked a friend who is in the Solomon Islands serving with RAMSI (The Regional Assistance Mission To The Solomon Islands) if he can find out what it was about and he said after visiting SIBC, he was told it was a test transmission conducted by a Radio NZ technician who was there installing new equipment and repairing some problems. Unfortunately the 9545 kHz transmitter can't be used at present because a transmitter cooling unit has failed, but it is hoped it will soon be fixed and 9545 kHz will be used during local daylight hours
(William Hague, Australia, NWDXC, wwdxc BC-DX TopNews Dec 30 via DXLD)

URUGUAY. Good reception for **Emisora Chaná**, Tacuarembó, Uruguay at 2330 UTC.- Reported last days on **5831,14v** with local advs. (73 Arnaldo Slaen via DXPlorer)

VANUATU. 7260 at 2143 UT, **Radio Vanuatu** reactivated here Nov 10 replacing 5055 kHz, audible all day on measured frequency 7259.97 kHz. Ident in Pidgin 2159 UT then time check for 9 o'clock. Carries Radio Australia's "Pacific Beat" news at 0500 UT, excellent Nov 15. (Bryan Clark-NZL, Dec NZ DXT direct and via dxld)

ZANZIBAR. 6015, RTZ (presumed), Jan 5. 0256 - prominent open carrier with test tone; mixing with UNID station, 0258 – test tone ended and start of repetitive xylophone sounding IS, 0300 – announcer, 0301 - for the first time found they did not have reciting from the Qur'an at this time; instead played Islamic music and singing, 0304 - sounded like a conversation, 0327 - the stronger unidentified station that was causing QRM signed off, 0330-0340 - seemed to be the news followed by brief Islamic singing, 0340-0359 - woman with reports from different people, 0359 - drums till ToH, Certainly a challenge to hear this, what with the QRM until 0327 and overall weak signal (Ron Howard, Asilomar State Beach, CA, dxldyg via DX LISTENING DIGEST)

Övriga radionyheter

Tips på bra antennwire

Hade som vanligt satt Perseus på inspelning 07 och 08 SNT. Vid uppspelning bara knaster och brus och inte en läsbar station. Tyckte det hela verkade lite underligt så en koll av antennen visade att rådjuren dragit av den horisontella antennwiren på 2 ställen! Ett alldeles för enkelt sätt att bli av med hörigheterna.
(Thomas Nilsson via NORDX)

Jeg har kanskje en løsning på dette problemet ... På Smøla måtte vi ha en svært sterk antenneråd siden den skulle strekkes 120 meter over åpent hav. Jeg fant en produsent i Tyskland som leverer antennewire i stål/kobber som tåler 4 tonns strekk! Så store rådyr finnes vel ikke en gang i Sverige? ;-) Det andre som er bra med denne tråden er det du får kjøpe den i full lengde. Dermed slipper du problemer med skjøter og svakheter knyttet til dette.

Sjekk www.hofi.de – i katalogen [http://www.hofi.de/pdf/de/Preisliste%20Fritzel%202410%20\(1-5\).pdf](http://www.hofi.de/pdf/de/Preisliste%20Fritzel%202410%20(1-5).pdf) under Antennenlitze- Jeg har kjøpt RS 0101-183, og når jeg kjøper 500-1000 meter kommer det på ca. 0,35 EUR/meter.
Lykke til!

(73 de OJS (Odd-Jörgen Sagdahl)

Tack för ett bra tips på antennwiresom är perfekt för beverage antenner. Den vanliga isolerade RKUB kabeln är alldeles för svag och töjer sig vid påfrestningar. Kjell & Co tar för sådan 1,5 mm² 199:-/100 m och för 0,75 mm² 149:-/100 m (priserna inkl moms). /Thomas

NA-Historia

För den som är intresserad av NA-stationer och vill läsa historia kring USA:s radioverksamhet rekommenderas <http://www.olderadio.com/> Du hittar bland all kuriosa en lång lista samt bilder på antennmaster som kraschat!
(Ullmar Qvick via NORDX)

Magnetiske nordpolen vandrer vestover mot Russland

En avis i Tampa <http://www2.tbo.com/content/2011/jan/05/060831/shift-of-earths-magnetic-north-pole-impacts-tampa-news-money/> skriver at den magnetiske nordpolen vandrer vestover mot Russland. Farten er bedagelig, så noen år tar det nok før den når Europa, men en tendens er det. National Geographic http://news.nationalgeographic.com/news/2005/12/1215_051215_north_pole.html omtalte saken i 2005, så når avisen i Tampa nå tar den opp er det vel fordi den lokale flyplassen må merkes om som en konsekvens av nye kompassretninger (det må vi kanskje ta hensyn til ved vurdering av antenne retninger?).

Vi får håpe at polvandringen ikke er så alvorlig som den var for 780.000 år siden, da byttet den sørlige og nordlige

magnetiske polen plass.

Jeg så Roland Emmerich filmen "2012" i romjulen, den går ut på at ekstrem stråling fra sola varmer opp jordens kjerne slik at det oppstår ragnarok og verden slik vi kjenner den går under. Det er vel litt i samme bane, bokstavelig talt - vi får håpe at utbruddene på sola holder seg i ro slik at vi får med oss noen solflekksykluser til.

Det går helt sikkert bra! Ha en strålende (...) formiddag og god helg!

(Geir Stokkeland via NORDX)

Storcirkelkartor

En sida för att kontrollera antenneriktningar

Find QTH locator: <http://no.nonsense.ee/qthmap/?qth=RE78IQ&from=JO78PN>

På den här kartan går det t.ex. att få fram att riktningen från mig till Wellington på NZ är 45,93 grader och avståndet är 17637 km.

(Hej från Lennart Deimert, via NORDX)

Bra sida! Du kan också göra en alldeles egen storcirkelkarta som ger riktningarna (men inte avståndet speciellt noga).

Kolla **Great Circle Maps**, <http://www.qsl.net/sm3gsj/>

(Gert Nilsson via NORDX)

Den här sidan är inte så dum den heller: **DX-Atlas 2.25** är busenkel att använda. <http://www.dxatlas.com/DxAtlas/>

(73 Anders Hultqvist via NORDX)

Ny redaktör i QTC

QTC nr 1/2011 innebär debut för den nye redaktören för Världsradiolyssnarspalten, Christer Brunström. Tidigare har Christer Wennström i mer än 22 år redigerat spalten.

CB:s debutmaterial är så där lagom blandat att var och en hittar något intressant. Spalten innehåller denna gång en presentation av CB själv, en presentation av Vatikanradions svenska program, VLV - Antarctic Territory - på frimärke, Voice of America förr och nu och små glimtar om Radio New Zealand, AIR Delhi, WRTH och månadens QSL: Radio Nikkei i Japan.

I samma nummer bidrar jag med radiohistoria: Amatörradio i Albanien och jag har också ett inlägg i Wennström Jr:s (SMITDE) DX-spalt.

En artikel om jazzpianisten Jan Johansson, en doldis bland radioamatörerna, finns också med.

(Ullmar Qvick via NORDX)

Portugal: Radio Mocidade

A bit of nostalgia can be found in <http://radiomocidade.blogspot.com/> The author, Joaquim A. A. Nogueira, radio amateur CT2 FVF, is a retired teacher who worked in our pearl of East Africa, Lourenço Marques, Moçambique, and his blog he revives the Rádio Mocidade days.

This tiny stn worked in the late 60s & early 70s, and was the aftermath of Nogueira's idea when he taught in Salazar Grammar School and wanted to initiate pupils in the wonders of radio.

Although the radio authority "CTT" supported (!) the idea, the radio amateur association, Liga dos Radioemissores de Moçambique opposed, so the alternative Nogueira found was to start off by founding a school station - hence the name, Radio Youth.

An old 20 watt HF tx was modified to operate on MF, and the station, equipped with its tx and studio, first took the air in February, 1967. As the blog shows, they got a 2nd tx, an old RCA 100 watter. In 1970, R. Mocidade was offered a 250 watt tx by the Rádio Club de Moçambique, and a new studio and professional equipment were inaugurated in 1970.

In 1974, they would be operating their new tx, the third since they first took the air: a 2 kW which due to the power was sited at the Matola (near Lourenço Marques) site. That was short lived as the station decided to halt its services on 27 April, 1974.

If you know some history, then you'll know a bit why: Portugal's betrayal by some of her own [leftwing] military who soon paved the way for marxism and consequently the dawn of all Portugal achieved overseas to say the least, and ultimately triggered off civil war in both Angola and Moçambique; the daunting scale of those two civil wars, particularly that in Angola, simply couldn't compare to the missions of controlling Soviet-Cuban/China/USA (to name but the leading culprits) backed terrorism in those two territories plus Guiné-Bissau held by Portugal's armed forces since 1961.

(73, Carlos Gonçalves via DXLD)

Sounds of Shortwave

The new edition of "Sounds of Shortwave" may now be downloaded. It is a 15 min audio compilation of off-air signals from Asia, as monitored here in Melbourne on January 6, 2011, in the early afternoon, 0300 to 0400 UTC.

It includes many signals propagating via the Summer Daytime Specialized Mode on 9 MHz and 11 MHz, over daytime paths of up to 11,000 km!

My narrative indicates the frequency, time, station name, country and language for each signal, as well as propagation information.

The actual monitoring site was in the Pound Bend Reserve, Warrandyte State Park, 20 km east of central Melbourne, using the little Eton E5 receiver and 5 m of random antenna in a gum tree.

The recordings were made into my Nokia mobile phone, then transferred and converted into .MP3 files. Comments and reactions would be appreciated, which can be posted at the site, which is the Australian Internet Radio Service, at <http://adxr.podbean.com/> (Regards from Melbourne! Bob Padula via CumbreDX)

Woodpecker?? New Year Surprise??

Quite alarmed this morning to hear what sounded distinctly like the old Soviet OTH radar Woodpecker all across the upper end of the HF spectrum. From 1000-1015 UTC, Dec 30:

- Weak on 12.5 MHz
- Strong 13.5-21 MHz, peaking and overwhelming 15000-15700 kHz. (e.g., making reception of RFI 15300 and Bulgaria 15700 very difficult)
- Weaker 21-23.5 MHz and beyond. A very big sweep of spectrum.

Now, I know many countries have used HF OTH systems but this is the most obnoxious case since the 1970s and 1980s. Hope nobody is planning some terrible New Year's surprise!
(Dr Derek Lynch, Ireland, Dec 30, via DXLD)

Yes Glenn I also have noticed an alarming increase in OTH and don't think it is based in Cyprus as there was not any propagation from there. This was later at 1200z onwards but neglected to log frequencies when heard. The Chinese OTH here takes up plenty of bandwidth between 5 and 7 mHz and sounds quite different.
(Robin VK7RH via HCDX)

SUNSPOT NUMBERS

Sunspot numbers rising – notice that 5.9-10 MHz reception from NE Asia in our mornings (0800-1200UT) is weaker than last winter; long-distance AM/MW loggings from US, SE Asia are also down significantly on the last two years. Derek (Dr Derek Lynch, Ireland, Dec 30, DXLD)

Perseus Status Update

The new Perseus software version with network capabilities is running fine.

After some days of field testing with some friends of mine (thank you Alberto I2PHD, Andrea IW0HDV, Beppe IK3VIG, Marco IK1ODO and Vittorio I4IRO) the server side now looks really stable and provides an astonishing performance in terms of responsivity.

Here is a screen snapshot of my home desktop that I've taken right few minutes ago:

<http://microtelecom.it/perseus/perseussvr-2.png>

Top-left: a remote desktop connection to my office in which is running one of my Perseus server.

Bottom, in the foreground: my home Perseus client software connected to my office's server and listening to NHK (quite a good propagation to Japan at 12.045 kHz now).

In the background: Firefox tuned to the Perseus Servers Directory Map web page

(<http://www.microtelecom.it/map/map.html>).

The page is still preliminary but already displays the active Perseus servers. You can click their icon to discover their owners.

Top-right there's an icon labeled with the number 2 which indicates that there are two servers spaced apart by a small distance.

If you click it the view will be zoomed until two different servers icon will appear. The page is updated every 30" and reflects the current status of the servers. The field "All" means that the server accepts unauthenticated sessions (which it will eventually drop after a configurable timeout occurs), that's to say sessions for which it is not necessary to know the server access password. The field "Busy/Free" indicates if the server is connected to a client or not.

Friends report a really good performance and some few details which could (and will) be improved.

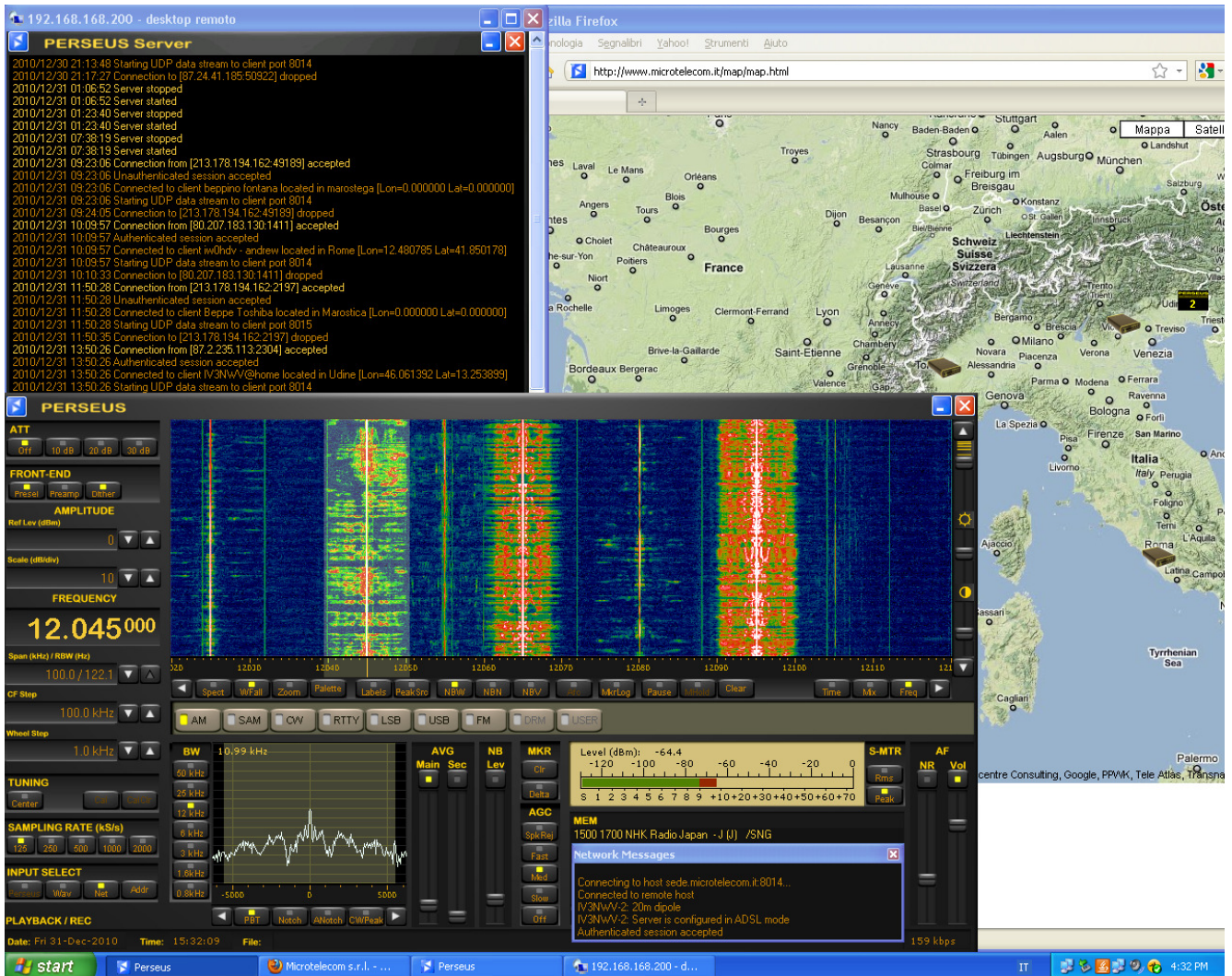
It's time to start writing the client/server manuals now.

The client/server configuration process is not really difficult but requires some minimum practice. The most common mistakes made by the alpha-testers group were in correctly opening the ports the software uses, which is not trivial if you have never configured an ADSL router and/or your antivirus/firewall software (from this point of view Windows 7 is much better than XP).

I hope that the most expert users will help those who have little practice with these issues. Stay tuned. In few days the package will be uploaded to the Microtelecom web site.

Well, another year has gone. The new one will begin with some real news and I wish all of you all the best.

(Happy New Year, Nico / IV3NWV via Perseus YG)



We (the beta-tester group) had a very special "server night" yesterday evening while configuring and testing the available servers, with some 60 email messages exchanged between us in a couple of hours :-). The networked Perseus really runs smoothly. Thanks Nico !
(73 - Marco IK1ODO via Perseus_SDR)

WRplus version 1.04

A new release of WRplus, 1.04 is available for download from www.wrplus.altervista.org.

OK, I know that at the moment all the excitement is for the new Perseus software and its remote control feature but I think that this new release of WRplus will make happy several Perseus users.

Here in short the new features, modifications and corrections:

Discovered and fixed a serious (and unexpected) performance "bottleneck" in the original Winrad code; the improvement in terms of less used CPU resources is dramatic: as I previously stated in the User Guide Update, with the implementation of the new DSP core I had on my reference system (an "old" Pentium 4 HT @ 3 GHz) a CPU usage of around 20 – 25% while playing a 500KS file. The maximum sample rate that my system handled was 1000KS: at 2000KS I experienced continuous "stuttering". Now with release 1.04 I have around 25% CPU usage while playing a 2000KS file at maximum SP1/WF1 zoom factor (RBW 122 Hz); at RBW = 244 Hz CPU usage is about 15%!

Further more, I'm able to play a 2000KS file in Stereo WFM mode (RDS enabled, Mode 1) with a CPU load of about 30% at RBW = 1953.

This great improvement means that users will be able, in several cases, to exploit the highest input sample rates without being forced to upgrade their PCs.

New NCO: WRplus 1.04 features a redesigned Numerically Controlled Oscillator with a very high spectral purity. Together with the already renewed anti-alias filters, this feature has eliminated every residual alias or other spurious products; you will notice a quieter background especially with large input SR.

Do yourself a test using the file that Leif Asbrink has kindly provided; it is available here:

<http://sm5bsz.com/lir/sim1/sim1.zip>

Check also the tests performed by Leif here: <http://www.sm5bsz.com/lir/sim1/sim1.htm>

Soon the above page will be updated with the test of WRplus 1.04.

Radio Data System: thanks to Michael Feilen, which kindly agreed to use the RDS decoding core of his FMstack software in WRplus, I have been able to implement RDS reception in a restricted time.

Unlike other decoders, Michael's code makes full use of the Forward Error Correction feature built in the RDS protocol: this means that data blocks containing errors are not simply discarded but errors are corrected (when possible) using CRC. Demodulation of the RDS bit-stream and clock recovery are brand new instead: WRplus uses a complex multi-PLL implementation in order to extract the RDS information even in critical conditions. WRplus is capable of extracting the RDS even from mono signals, like the stand-alone hardware demodulators/decoders.

See the user guide for details.

Fixed some issues with full-screen mode and large screen resolutions: some users reported incorrect placement of some screen objects while using 16:9 HD screen resolutions.

Some cosmetic changes

User Guide updated.

Please read the updated User Guide and the history.txt file before posting questions.

Many thanks to Michael Feilen.

As always feedbacks and comments are welcome.

Thanks to all for the feedbacks and advices.

(Sandro Sfregola via Perseus Perseus_SDR)

David says, My BIG question is: ---What am I really missing not installing WR Plus ---

- A very effective 'CW PEAK' (completely useless on Perseus... does it *really* work for someone as it works when using Winrad ?)
- Amazing notches
- Great sound in AM and SSB

(Pat, french Alps via Perseus SDR)

And last but not least a very good DX NFM demodulator, complete with all necessary filtering HPF (ctcss) LPF (demod harmonics) and unmissable deemphasis for voice modulation.

73, Paul, PD0PSB via Perseus_SDR)

Parts supported by the new server software used by SDR-Radio.

USB INTERFACE CARD MODULE VM110

(= assembled Velleman P8055-1 kit)

I ordered two Velleman VM110 which I will support in the remote server. You have unlimited switching options etc. ... so when I add this support in the next few days I'll also add a client / server chat window so you can wake each other up and hurl insults etc. Text only, no voice.

Paul, MOEYT, is responsible for this decision.

(Simon, SDR-Radio)

The VM110 interface board has 5 digital input channels and 8 digital output channels. In addition, there are two analog inputs and two analog outputs with 8 bit resolution. The number of inputs/outputs can be further expanded by connecting more (up to a maximum of four) cards to the PC's USB connectors.

All communication routines are contained in a Dynamic Link Library (DLL) K8055D.DLL.

You may write custom Windows (98SE, 2000, Me, XP) applications in Delphi, Visual Basic, C++ Builder or any other 32-bit Windows application development tool that supports calls to a DLL. Source code for Visual Basic, Delphi and Borland C++ Builder included.

(Kan köpas [färdigbyggd](#) hos Kjell & Co, art nr 87-164, 599 SEK)



8-CHANNEL RELAY CARD VM129

(= assembled Velleman P8056-1 kit)

The purpose of this card is to convert electronic outputs or contacts to relay contacts. This results in a practical isolation between load and driving circuit.

Ideal for use with our computer interface card [VM110](#) or infrared remote control receiver [VM122](#).

The card features high grade input and output connectors.

Features

- recommended housing: [B8006](#)

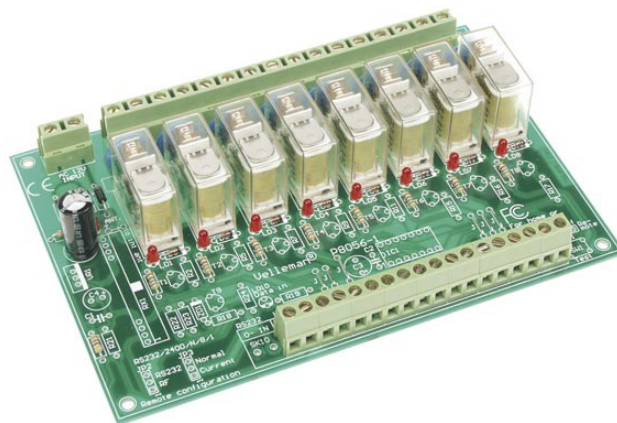
Specifications

- eight high quality relay contacts, 5A/230Vac max
- relay outputs are transient suppressed using VDRs
- LED confirmation on each relay contact
- eight drive inputs to use with open collectors or regular switches
- features 12Vdc / 200mA power output (for VM122 supply)
- power supply: 12Vac / 500mA (including 12V output)

(Kan köpas som [byggsats](#) hos Kjell & Co, art nr 87-156, 449 SEK)

Velleman B8006 Housing for above cards

dimensions: 163 x 74 /130 x 90 mm



USB 8 relay card with optoisolation & software

I have been using this 8 relay USB remote board from Poland (ebay seller ojtush), it is quite a bit cheaper and for my purpose, better.

http://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=120627254485&ssPageName=STRK:MEWAX:IT#ht_3674wt_1071

I also have the Velleman 8055, however I much prefer the Polish board as the relay states do not change until you command it to - so very stable, but the 8055 will reset the outputs when you reconnect if you reboot or loose USB connectivity for any reason.

(73 Don Moman, VE6JY via SDR-Radio.com Yahoo)

Manufactured by:

WHElectronics

Gola Świdnicka 42

58-124 Marcinowice

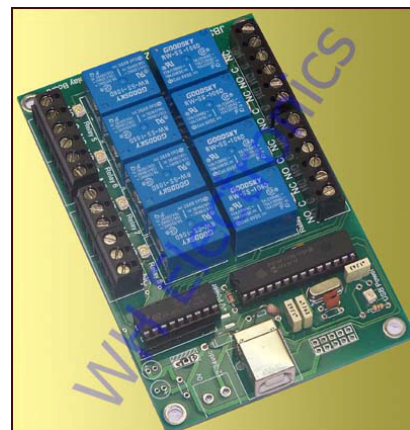
<http://www.whelectronics.pl/> Search for USB Przekaznik

Contact information:

Tel. 517 19 19 22 – before 17.30

mail: serwismaszyn@op.pl or contact ojtush@interia.pl

(Thomas Nilsson)



Preliminary reports of Christmas Eve transmission and extra transmission for North America

The Christmas Eve transmission was successful. 195 reports, so far. Seven positive reports from North America! Many stations claimed QRM.

The German stations were in mass this time, like before, 63 reports, almost a third of all. Can any country beat that? Thank you for a first report from Iceland.

There will be an extra transmission on the night between January 3rd and January 4th next year in order to give stations in North America a better chance to hear SAQ. Of course we are glad to also receive reports from other areas.

Your Lars/SM6NM sm6nm at telia.com

(Via DXLD)

Pax-loggar

Nu finns sammanställning på alla loggar gjorda i Parka (PAX1-79) klar: http://hem.passagen.se/lhu/PAX_NA.pdf

Den består av 16934 loggar. Skall också sammanställa övriga världsdelar senare. Nu är även Pacific klar till PAX82.

http://hem.passagen.se/lhu/PAX_ocean.pdf

(73, LHU, Lars Jeppesen via NORDX)

NetSDR on the way

Simon, Your NetSDR is on the way to CH. It works great with SDR-Radio, but will need some minor tweaks since not all the SDR-IP sampling rates are supported. The NetSDR uses a totally different DDC inside.

Cheers, Pieter Ibelings

What's that small board on top?
Simon HB9DRV
(from SDR-RADIO.com Yahoo!)

Simon is working like hell to get the software ready when the first units will be shipped – expected in beginning of February.

NB! Bottom part of Pieter's original picture cut away by me to reduce size and emphasize the interior of the NetSDR.

/Thomas Nilsson)

