

# SHORTWAVE BULLETIN

Issue no. 1750, July 22, 2012.

Deadline e-mail next issue: 0900 SNT, Aug 5, 2012.

Ett riktigt stort nummer med massor av tips och annan information håller ni nu i er hand.

Vi gläds inte bara åt att få några nya medlemmar till vår åldrande skara utan också åt att de sista veckorna av semestern kanske bjuder på lite bättre väder. Här i skåne har det regnat mest varje dag.

Igår var vi iväg på den årliga Skånerundan – nu utökad till Själland!

Själlands kust mot Kattegatt är fantastisk. Hornbaek, Gilleleje, Tisvildeleje, Liseleje och Hundested, alla orter väl värda ett besök. Vilket hamnliv och vilka badstränder. Tillika strålade solen hela dagen utan ett moln på himlen.

Kul att se RÅ:s signatur igen i spalterna. Enligt mail så har K9AY antennen kommit upp och försetts med rejält jordplan och flera ARG stationer gått på MV på morgonkvisten.

Tack för alla bidrag!

**Keep on ....**

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## SWB-info

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

## QSL, kommentarer, mm.

### New members:

I got a pleasant mail from Chuck Rippel the other day saying that he is interested in Short Wave Bulletin membership and that he enjoy reading the publication and would like to contribute.

A few days later a tip from Mark Davies added a new member, Damien Read from UK, who has been dx-ing for the last 30 years. Further down you can read about his DX-history.

A very warm welcome to the club and we hope you will enjoy SWB and also to get some exciting logs in the future. Here are their presentations.

**Chuck Rippel:** A bit about myself, I have been listening from Virginia, USA since 1971 until present. During that time, I have been a member of NASWA and served as its Executive Director 1989-1991 changing the format of the FRENDX magazine to its present Journal format. In 1980, I accepted an invitation to join and became a contributing member of Numero-Uno and remained a member until it ceased publication. Enjoyed an ongoing membership in Fine Tuning, writing several articles for the Proceeding series including co-authoring "DX'ing Paupa New Guinea" with Dr. Harold Cones and additionally served on the Editorial Review committee for the entire series. During the period 2002-2006, I served on the staff of Passport to World Band Radio as one of 4 individual's who wrote equipment reviews for the yearly IBS publication notably writing the bulk of the Active Antenna evaluations appearing in the 2004 Edition.

Today, am still actively DX'ing using a Microtelecom Perseus, WinRadio G33DDC, Drake R8B and Collins designed, EAC R390A. I still perform restorations on that superb receiver.

Am self-employed and for the past 9 years, also serve as the RF Subject Matter Expert, United States Coast Guard, Master Communications Station, Atlantic in Chesapeake, VA (NMN) as well as its 3 subordinate commands, NMF, NMA and NMG.

Occasionally, I can DX with the antenna in the picture.

That antenna is a 4-30 mhz, Rotatable Log Periodic with an 80' boom and is located at USCG CAMSLANT in Virginia, USA.



**Damien Read:** So I guess I better introduce myself, my name is "Damien Read" and I was born in Newport, South Wales, UK so I am "Welsh" and not English. My current QTH is Stourport On Severn, Worcestershire and I have been into DXing on and off for 30 years. I am member of the BDXC for many years and sometimes contribute equipment reviews from a real world user standpoint, and I regular on the BDXC Audio Circle.

I don't always have the time for DXing, as I have two children and a regular job, so like many of your members it can be a bit of a balancing act.

On the equipment front, I am using a WinRadio G33DCC SDR, on the antenna front, I have a Wellbrook ALA100M Triangle loop 4 m x 3 m height mounted on a rotator, and a Wellbrook FGA100 Flag Antenna 10 m x 4 m pointed 260 degrees. I use the FGA100 Flag on Trops and my work up to 10Mhz, where as the ALA100M is a bit of a all rounder up to 30Mhz.

During the winter I tend to seek out USA MW BCB, I have recently purchased an aerial phaser that cover 500Khz to 2000Khz, it's called a "Quantum Phaser" and works really well, a quick demo can be seen on my You Tube channel <http://www.youtube.com/watch?v=38cn5NSU9Rg>

I have two major problems at my QTH thats can sometimes stop me from Dxing,

1, My neighbour uses an internet PLT, thankfully we have come to an arrangement that he will turn the PLT adaptors off when not in use (When he remembers!) He gone on holiday recently and forgotten to turn them off!! So no DX at the moment!

2, I live 4 miles from the famous Redditch Transmitter, famous for the 198Khz Radio 4 signal, it also transmits on 693Khz, 1089Khz and 1215Khz, to give a combined power of 1.4 megawatts ! So overload and birdies can be problem, making the ALA100M overload unless it has a small loop.

(PLT = powerline adaptor /TN)

**Johan Letterstål:** Bidrag till SWB? Började bra med slutade i: Input (bild 007) -> Output (Libreoffice) = FAIL!

Nåja, skojar lite!

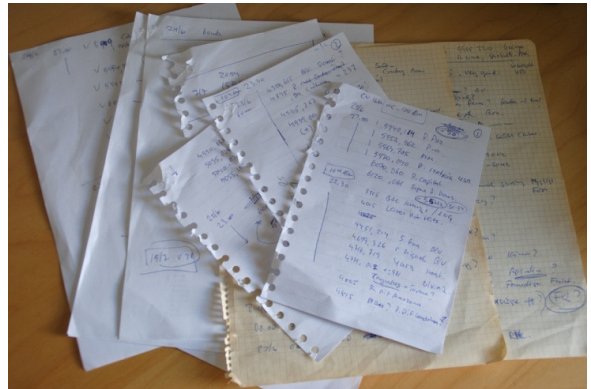
Matade in loggningar från lyssningen från 2 veckor sen tillbaka (midsommar) i "Gratis-Excel", dvs LibreOffice. På lördagen, väl i mitten av arbetet, fallerar sortering! KAOS! Nästan allt borta!

Vad göra?

- Tipsen är >2v gamla, därmed kanske inte hyperaktuella och inte aktuella för SWB!

- Ingen tid på söndag att fixa detta! Därmed: Inga tips denna gången heller!

Men jag har "bildbevis" :-)



Nästa gång blir en lyssnarvecka på Gotland v31 där jag hoppas skrapa ihop nya (härliga?) loggningar till SWB och för att pusta ut (+DX) innan flyttlasset går till Södermalm v34.

Därefter blir hemma-DX definitivt dött och avslutat. Skall

dock testa min hemmabyggda MiniWhip på kul...

Monteras i en Stadium vattenflaska! (se bilden ovan).

Återkommer även lite kring AFEDRI. Kul leksak!

Må gott så hörs vi...



**Anders Hultqvist:** Min krånglande dator var knepig att fixa. Och eftersom den var 3 år gammal, så fanns ingen garanti kvar, och prestanda inte så bra längre jfrt vad man får för en rimlig summa idag. Så jag köpte en ny. i5-2320 Dell Inspiron 660, CPU @3,00 GHz 6,0 GB RAM, DDR3 1600 Windows 7 64 bit. Detta känns väldigt snabbt och bra just nu i alla fall.

Det blir ju mycket installationsarbete innan man är tillbaka på banan igen. Men det mesta av det viktigaste är nu igång igen.

Men Perseus har jag inte lyckats installera på ett bra sätt. Programmet hänger sig direkt och jag får ingen ordning på det.

Jag får väl rensa bort allt installerat och börja från början igen. Jag vet inte vad jag ska göra annars. Tur att NetSDR fungerar bra. Och att det inte är så mycket att lyssna på fn.

Nu fick jag till slut ordning på alla radioapparater. 2xPerseus plus FM+ funkar också nu. Dessa prylar måste anslutas via USB2. Annars blir det knas.

**Lars Skoglund:** Ett kortvågssvar har kommit dvs **Radio Nord Revival/Sala 5895** med kort från v/s Ronny Forslund. Ha en fortsatt skön sommar.

**Martien Groot:** Tnx for screenshots. Tentative PNG carrier on 6039.97 (?) still heard yesterday, July 21, from 1900 tune in to 1955 when co-channel VOA appeared. Signal was very weak which made it difficult to pinpoint exact freq. Looking forward to next SWB.

**Christer Brunström: Radio Northern Star via Radio Nord Revival i Sala 5895** med epost från Svann Martinsen CEO, **Radiodifusión Argentina al Exterior 15345** epost som svar på flera rapporter. V/s Rayén Braun på tyska avdelningen.

**Arne Nilsson:** Jag passade på att bygga in mina filter i en snygg box och det gick ganska bra, men lite ska det ju jävlas: En omkopplare (nyinköpt) funkade inte (!) och en lysdiod tänds inte, får kolla om jag vänt den fel väg. Annars funkar det utmärkt, ska mäta upp dem lite bättre nu. Jag har i alla fall konstaterat att input SWR är mycket bra på samtliga filter och det är en bra början!

*Läs mer längre fram om resultatet! /TN*

**Robert Wilkner:** Greeting from wet Pompano Beach, Thunderstorms this morning forced unplugging 746 Pro and Drake R8. The 2010XA logged 3205 PNG Radio Sandaun West and the 6040 PNG from 1035 to 1045. Australia strong on 4835.

Outside the house reception improved; a few logs standing in the rain. Sony preamplifier, preselector and RIT modification by Dallas Lankford. Never set clock which shows incorrect time.



Logged 198 and 171 longwave, difficult here, from 0400 to 0415. Used the noise reducing antenna created for medium wave and tropical bands with the Long Wave preamplifier created by Russell Scotka.  
Best Regards, Bob

## Log

(UTC)

2325			<b>VL8T</b> Tennant Creek NT 1005; 1015 16 July (Wilkner)
2485			<b>VL8K</b> Katherine NT 1005 to 1020, 15 July (XM-Cedar Key)
3205			<b>Radio Sandaun</b> West Sepik 1030 seem same om as 6040, could not reset preselector quickly to check for parallel. 10 July (Wilkner -2010XA)
3310			<b>Radio Mosoj Chaski</b> , Cochabamba 0947 to 1000 yl in Quechua, 16 July (Wilkner & XM-Cedar Key)
3325,00	13.7	2235*	<b>RRI Palangkaraya (p)</b> fade out. Bahasa Indonesia (p) ann, soft songs 25232 AP-DNK
3329			<b>Unid RTTY</b> 1007 to 1030 on 15 July (Wilkner)
3329,46			<b>Ondas del Huallaga</b> , Huánuco. 0045 strong carrier but no audio. - 0945 carrier with no audio 1016 om under T-storm crackle, 1024 same gent, 1030 yl heard first time, 1033 back to gent, fade 1043. No music heard at all 16 July (Wilkner)
3329,5			<b>Ondas del Huallaga</b> , Huánuco noted with om, 1020 to 1025. Transmitter drift noted earlier logs seems to have ceased 19 July (Wilkner)
3329,54			<b>Ondas del Huallaga</b> , Huánuco 0940 carrier noted to 1020 off, 1040 with om chat fading out. 17 July.(Wilkner)
3375,1			<b>Radio Municipal</b> São Gabriel da Cachoeira, 0000 to 0030; 1000 to 1015 19 July (Wilkner & XM- Cedar Key)
3403,70	13.7	2245	<b>Greek Pirate</b> Greek songs - nothing heard on half frequency 1702 kHz AP-DNK
3914,989	19.7	1855	<b>Radio Fly</b> with ID at 1859. Mostly nonstop mx. Quite weak. TN
3955	13.7	2320	<b>R 700</b> , Kall-Krekel German and English pop songs, 2250 and 2257 ID's: "Radio Sieben Hundert" 55544 New frequency! AP-DNK



3955	20.7	2310	<b>R 700</b> , Kall-Krekel non-stop German songs on this new frequency 45444 AP-DNK
3995	13.7	2245	<b>HCJB</b> , via Weenermoor American program with English ann 2259: "This is 93.1 Life FM", "Word of God", 2305 talk show recorded Fr morning, hymn 55544 AP-DNK
4045u			<b>Cuba, Cabo San Antonio</b> 1055 with weather check. <a href="http://itouchmap.com/?c=cu&amp;UF=-1641352&amp;UN=-2311522&amp;DG=CAPE">http://itouchmap.com/?c=cu&amp;UF=-1641352&amp;UN=-2311522&amp;DG=CAPE</a> 17 July (Wilkner)
4319u			<b>Diego Garcia</b> , 2350 to 0000 decent signal quality 14 July(Wilkner)
4451,20	16.7	2300	<b>R Santa Ana</b> , Santa Ana del Yacuma Spanish talk 15221 AP-DNK
4699,40			<b>Radio San Miguel</b> , Riberalta strong at 0920 on 18 July (Wilkner)
4716,622			<b>R Yatun Ayllu Yura</b> , Yura 0920 noted on 18 July (Wilkner)
4716,70	16.7	2305	<b>R Yatun Ayllu Yura</b> , Yura Spanish talk and Andean songs 25232 AP-DNK
4747,10	16.7	2310	<b>R Huanta 2000</b> , Huanta Spanish talk 25222 AP-DNK
4755,4			<b>The Cross Radio</b> 1045 with good synchro lock 10 July (Wilkner -2010XA)
4765			<b>Unid - Brasil Radio Rural, Santarém, PA reactivated ?</b> 0930 to 1010 om portugués rapidly spoken, no ID, long chat my same om. 18 July (Wilkner)
4765			<b>UNID</b> 2345 to 0030 not certain Brasil or Tajikistan 18/19 July (Wilkner & MAR-Vero Beach). 0940 to 1010 portugués om, 19 July (Wilkner & XM- Cedar Key)
4765,044	19.7	*2252	<b>R Tajikistan</b> switches on the transmitter at this time. Audio begins at 2300. Full ID at 2359. Strong. Another weak carrier also noted on 4765,002 but not enough signal to get any audio, maybe R Rural?? TN
4774,9			<b>Radio Tarma</b> , Tarma 1045 -1055 om music good signal 10 July (Wilkner -2010XA)
4774,947	17.7	0001	<b>R Tarma</b> with a magnificent ID-block, several nights one of the strongest Peruvians in the 60 m band. TN
4774,95	16.7	2315	<b>R Tarma</b> , Tarma Spanish talk by two men. QRM from weak carrier on 4775.00 (R Congonhas ?) AP-DNK ( <i>Most likely R Congonhas, heard on 4775,0 a few months ago. TN</i> )
4780,00	13.7	2040	<b>Rdif. TV de Djibouti</b> , Arta Somali ann, Afropop 45444 AP-DNK
4781,5			<b>Radio Oriental</b> , Napo, strong at 2340 on 14 July. Sign on at 1100 to 1103 on 12,13,14,15, July (Wilkner & XM-Cedar Key)
4781,5			<b>Radio Oriental</b> , Napo *1100 sign on 19 July (Wilkner & XM- Cedar Key)
4781,573	11.7	2256	<b>R Oriental</b> , Tena, Napo, with sign on and ID at 2356. Also noted 12.7 TN
4781,58	13.7	2320	<b>R Oriental</b> , Tena (p) Spanish talk 15121 AP-DNK
4781,652	13.7	2359	<b>R Oriental</b> , Tena, Napo strong. I managed to record a nice ID. Switched off the transmitter abruptly at 0001z. Radio Oriental started their shortwave broadcast in September, 1993. They are currently operating on MW 1100 kHz and shortwave 4780 kHz with 5 kW. You can find more information about this rare station at : <a href="http://www.qsl.net/yb0rmi/ecuador/oriental.htm">http://www.qsl.net/yb0rmi/ecuador/oriental.htm</a> . For those interested to check the difference between Excalibur Pro and Perseus when receiving this station you will find a high quality video here: <a href="http://www.youtube.com/watch?v=urdpAMKRexE">http://www.youtube.com/watch?v=urdpAMKRexE</a> The recording is probably uploaded by a DX-er living in Japan. TN
4805,02	16.7	2325	<b>R Difusora do Amazonas</b> , Manaus, AM Portuguese discussion 35232 No QRM now from Voice of China on 4800 fading out AP-DNK
4815,00	16.7	2330	<b>R Difusora</b> , Londrina, PR Portuguese ann, Brazilian songs 35232 AP-DNK
4824,475	20.7	0005	<b>tent. La Voz de la Selva</b> . Very weak audio despite a relatively strong carrier. Impossible to hear any ID, only weak mx. Noted with sign on 2259 July 17, 2332 July 17 and 0001 July 20. TN
4824,96	16.7	2335	<b>R Cancão Nova</b> , Cachoeira Paulista, SP Portuguese ann, Brazilian songs 25222 AP-DNK
4826,565	11.7	2359	<b>R Sicuani</b> drifting from 4826,575 to 4826,551 at 0057. No audio for quite a while after 0001. Audio back again at 0058 when my next Perseus recording started. TN
4826,57	16.7	2340	<b>R Sicuani</b> , Sicuani Spanish talk 25232 AP-DNK
4826,6			<b>Radio Sicuani</b> , Sicuani, Cusco 1050 to 1110 fading out 10 July (Wilkner -2010XA)
4831,00	13.7	2050	<b>Voice of Russia</b> , Tbilisskaya Russian conversation - mixing product (5920 - 1089 = 4831) 35232 heard // 1089 MW disturbed by UK (32332) AP-DNK
4835			<b>Alice Springs</b> , NT 1040 with good signal 10 July (Wilkner -2010XA)
4835		2045	<b>VL8A</b> Alice Springs, NT English conversation 35232 AP-DNK
4877,56			<b>Rdif Roraima</b> , Boa Vista RR 0934 Brazilian tenor vocal, still distorted but strong signal 18 July (Wilkner & XM- Cedar Key)
4894,88			<b>Radio Novo Tempo</b> , Campo Grande PR 1000 to 1030 on 16 July; (Wilkner & XM-Cedar Key)
4894,927	16.7	0101	<b>R Novo Tempo</b> with a magnificent ID block. Strong. Another carrier noted on 4894.95. Acc. to log from Dave Valko, he has noted that signal to go off at 0358 . TN
4894,94	16.7	2345	<b>R Novo Tempo</b> , Campo Grande, MS Portuguese talk 25232 AP-DNK
4915			<b>Radio Difusora</b> , Macapá, AP 0913 om with shouted Macapá ID at tune in, 18 July (Wilkner)
4939,969	12.7	0000	<b>R San Antonio</b> , Villa Atalaya, Ucayali, with an ID at 2358. TN

4939,98	17.7	2335	<b>R San Antonio</b> , Villa Atalaya Spanish ann, hymns 25232 AP-DNK
4940,00	14.7	2305*	<b>R San Antonio</b> , Villa Atalaya Spanish talk, flute music, 2300 exact time pips, 2305 disappeared from frequency! 45444 Heard again 0000-0010 17.07 with much weaker signal Spanish ann and songs 25232 AP-DNK
4940			<b>Radio San Antonio</b> de Atalaya 1030 en espanol 10 July (Wilkner -2010XA)
4949,77	11.7	2235	<b>R Nacional de Angola</b> , Mulenvos two men talking in Portuguese, stronger than previous weeks! 35232 AP-DNK
4949,78		0305	<b>RN Angola (Presumed)</b> @ 0305Z with news given by OM with deep, bassy voice. Into Afro-pops @0308 then man-woman talks at 0326. Into western pops at 0337. Reception plagued by thunderstorm QRN tonight, 07/11Z. R390A/SE-3 combo pulling off the most useful audio. Grayline in Huambo begins @ 0553Z and ends at 0618Z. 45 second audio clip available at: <a href="https://www.box.com/s/960de1f8d0a8447ce5e0">https://www.box.com/s/960de1f8d0a8447ce5e0</a> (Rippel, VA)
4950,00	21.7	*2143	<b>R Kashmir</b> , Srinagar AIR IS, 2145 Kashmiri ann Ramadan early programme with string music i background, 2146 man and woman discussing and shouting 35333 AP-DNK
4986,345			Able to stick with <b>Radio Manantial</b> , Huancayo from 2330 tune in to 0105, June 9. Frustrating with often deep fades. Music seemed religious at times, heard "emisoras". Alas No ID on either hour. (Wilkner)
4986,346			<b>Radio Manantial</b> , Huancayo 2340 to 2350 15 July. Noted 14, 13, 12 July same time (Wilkner & XM-Cedar Key)
4986,4	11.7	0100*	<b>tent. R Voz Cristiana</b> switched off the transmitter at this time. Weak. Not possible to get an ID due to heavy splash from 4985 R Brasil Central. TN
4986,4	16.7	2355	<b>R Voz Cristiana</b> (ex. R Manantial). Voz Cristiana mentioned twice in a presentation. Religious talk and mx. Cd noted 0100* on July 12, but this night continued past 0100. Unfortunately still unable to get the <u>full</u> TOTH ID. Acc to information coming from Henrik Klemetz, Pedro Arrunátegui says there is very long time between the real full ID's. Thanks to Pedro and Henrik Klemetz for the info about this one and also for letting me take part of the recording with the full TOTH ID. TN
4986,4	17.7	2345	<b>R Voz Cristiana</b> , Huancán (ex R Manantial) Spanish talk, no ID heard, best in USB to avoid heterodyne from R Brasil Central 4985. AP-DNK (Thanks Thomas Nilsson for information!) <i>See above where the info comes from!</i> /TN
4989,975	16.7	0057	<b>Tent. R Apintie</b> with enough signal strength to be able to produce weak audio but that's not the case. Very weak audio and not possible to get any ID.. TN
5010,00	16.7	1910	<b>R Nasionaly Malagasy</b> , Ambohitrano Malagasy ann with some French words, DJ playing Malagasy and French pop songs and music, 1858 adv, 1901 talk by two men, one in Malagasy and one in heavily accented French 35333 Now audible again in AM, LSB and USB! AP-DNK
5019			<b>Solomon Islands</b> , 1030 strong threshold, Cuba powered down 15 July (XM-Cedar Key)
5019,886	16.7	1903	<b>Tent. Solomon Islands</b> with px audible just above noise level. This evening also a few other Pacific frequencies visible in Perseus waterfall, like 3325.001, 3365.985, 3945.002 and 6039.969. So its time to begin checking those Pacific stations now when its slowly getting darker. TN
5019,9			<b>UNID</b> - Strong carrier at 2340 to 2350 with Havana down in power. 18 July (Wilkner)
5024,905	15.7	2328	<b>R Quillabamba</b> for the first time in a long time with an ID and enough signal level to overcome R Rebelde. TN
5035,00	16.7	2350	<b>R Aparecida</b> , Aparecida Portuguese talk 35232 // 9629.97 (15111) AP-DNK
5035,005	13.7	0000	<b>R Aparecida</b> with ID. Another much weaker carrier is on 5035,033, maybe from Educacao Rural? TN
5460,040	13.7	0057	<b>tent R Bolivar</b> , Bolivar, La Libertad, with sign on at 0156, also drifting from 5460,065 to 5460,020 half an hour later. TN
5459,18			<b>Radio Republican</b> jammed 0130 14 July (Wilkner)
5580,35	17.7	2320	<b>R San José</b> , San José de Chiquitos Spanish fast talk and shouting, instrumental rhythmic music 25232 AP-DNK
5895	7.7	2200*	<b>R Nord Revival</b> , Sala 1840-2200* English/Swedish test programme e.g. by "a Handyman from Georgia", pop songs. Last programme within license in AM and LSB, but not in USB ! 55555 AP-DNK
5914,985	10.7	1905	<b>Zambia, ZNBC Radio 1</b> with mx. TN
5915	18.7	0339	<b>Zambia NBC Radio 1</b> , with a local language tlk 3 Galassi
5964,72	13.7	2324	<b>RTM, Radio Klasik Nasional</b> , local nostalgia mx program and news, a recording here <a href="https://www.box.com/s/460c488d561800d31729">https://www.box.com/s/460c488d561800d31729</a> 2-3 Galassi
6024,971	9.7	2352	<b>R Patria Nueva</b> , La Paz, pretty good but disturbed by China on 6025,004. TN
6034,988	10.7	1920	<b>BBS, Bhutan</b> with very soft and easy listening music. Strong. Not spot on this day. TN
6035,00	13.7	2215	<b>Bhutan Broadcasting Service</b> , Sangaygang, Thimphu Dzongkha (p) talks, native songs 44444 Hum on frequency AP-DNK
6035,00	11.7	2145	<b>Bhutan Broadcasting Service</b> , Sangaygang, Thimphu Dzongkha (p) man interviewing a

			woman, who sung several verses of a native song without music, some laughing; later a choir sung without and with musical accompaniment, 2156 tentative ID: "Bhutan....", ann and talk, 2215 native singing with music; the web site was updated with today's schedule, but without live audio! 44333 AP-DNK
6039,966	19.7	1905	<b>tent Papua New Guinea.</b> Very weak but this time a little bit of audio coming through, not enough for an ID. TN
6040			<b>Papua New Guinea</b> 1030 rough copy of om with news items 10 July (Wilkner - 2010XA)
6040	10.7	1827	<b>Unid</b> silent carrier, chinese like classical mx from 18.27 till 18.30 and then the same carrier again. A digital audio recording is here: <a href="https://www.box.com/s/d98156dbd0dfec8c154">https://www.box.com/s/d98156dbd0dfec8c154</a> 3 Galassi
6045	10.7	1930*	<b>AIR Dehli</b> with GOS, strong and distorted signal. ID at 1930 then signing off. TN
6045	10.7	1931	<b>UNID most likely African.</b> A weak station here with very low modulation coming up when AIR signed off. Direction Africa indicates a possible Zimbabwe. TN
6050	10.7	*2000	<b>Xizang PBS</b> , Lhasa Opening tune Chinese ann, non-stop songs e.g. "Don't cry for me, Argentina", QRM R Rwanda 6055 44434 // 4820 (45434), 5935 (25332) and 7240 (43433 adjacent QRM) AP-DNK
6055	9.7	2005	<b>Radio Rwanda</b> med trevlig musik presenterad på franska. 3 CB
6059,909	10.7	2130	<b>Super Radio Deus e Amor</b> with ann. at 2130 TN
6070,00	10.7	2025	<b>R Northsea International</b> , via R 6150, Rohrbach English/Dutch ann, playing old recordings from RNI with nice oldies in English and French, 2049 time pips and ann: "It's now 7 o'clock. The news. There are new riots in Northern Ireland", then a report about Egyptian President Sadat meeting Jordanian King Hussein ! ID's: "This is Radio Northsea International broadcasting on 6285 and (9930 ?) kHz. No ID heard of R 6150! 45333. Also tentatively heard at noon at 0950-1105, 11.07, but so weak, so I was unable to ID the language 25121 AP-DNK
6070,007	10.7	0003	<b>R Capital</b> , Rio de Janeiro with an ID but disturbed by other station. TN
6080,041	9.7	2200	<b>R Marumby</b> , Curitiba, with a singing ID "Seis horas". Also heard July 11 at 2255 and disturbed by China on 6080,0 until their cd at 2300. TN
6104,974	11.7	2301	<b>R Cultura Filadelfia</b> , Foz de Iguacu, with a clear ID before cd at 2302. A Chinese speaking station // 6150, (maybe Taiwan?) is coming up on 6105,0 after 2302, normally quite weak on this frequency. TN
6105			<b>UNID UTE.</b> The UTE station occupying this frequency has been blocking this frequency for several weeks. Fortunately the last two weeks it is gone. I first asked Mauno Ritola what it could be. He recognized the type of transmission but advised me to contact Ary Boender who is an UTE specialist and he says: <i>The signal that you copied is 50 Bd/200 Hz FSK sending plain reversals (0101010101010101 etc.). Looking at the shift it is possibly a Russian navy transmitter idling. /Ary</i> You must pay a visit to his interesting website where you will find lots of information about UTE signals, see <a href="http://www.udxf.nl">www.udxf.nl</a> TN
6119,99	9.7	2200	<b>R Habana Cuba</b> strong together with a weaker tent. Super Radio Deus e Amor on 6120.0. TN
6130	10.7	2203	<b>China</b> // with 4920. Also a weaker Asian station on 6129,959 maybe Laos. China also here very strong on July 17 at 2250 // 6200. A carrier from the tent. Laos transmitter also there on 6129,965 but no audio from them at this time. TN
6134,83	16.7	2355	<b>R Santa Cruz</b> , Santa Cruz de la Sierra Man shouting in Spanish, woman ann: "Santa Cruz", lively Bolivian pop songs 45333 AP-DNK
6160,871	13.7	0000	<b>CBC</b> med "CBC News, Ottawa". Strong signal and really off nominal freq.. TN
6165	10.7	1920	<b>Zambia, ZNBC Radio 2</b> with news 1900-1910. Tchad has been off for quite a time. Also noted 11.7 with cd at 2203 and NA. TN
6165	10.7	2116	<b>ZNBC Radio Two</b> , helt fri och med rekar på kvällskvisten. Inte hörd på över 20 år... QRK 3 RÅ
6166,022	11.7	2205	<b>China</b> drifting at this time. Still hum in the signal. TN
6170	7.7	1850	<b>Scandinavian Weekend R</b> , Virrat. Finnish ann and Finnish pop songs, QRM 6175 33322 AP-DNK
6173,91	17.7	0025	<b>R Tawuantisuyo</b> , Cusco Spanish talk 13211 QRM from 6180 Brazil AP-DNK
6180,00	17.7	0035	<b>R Nacional Amazônia</b> , Brasília, DF DJ ann in Portuguese, nice Brazilian songs "para todo Brasil", phone-in's 55444 AP-DNK
6604u			<b>Gander Radio</b> ID by om 0124 15 July (Wilkner)
7265	21.7	0515	<b>Hamburger Lokalradio</b> via Göhren med LA-musik presenterad på spanska. 2-3 CB
8113u			<b>VMW Australia</b> Weather 1040 om with weather and ID 17 July (Wilkner)
8989u			<b>Nicaragua-?- "Pescador Preacher"</b> 2345 impassion sermon en espanol 14 July (Wilkner)
11720	7.7	1900	<b>R Pilipinas Overseas</b> , Tinang Filipino ann with many English words, Tagalog song with English refrain: "Remember me", talk about hypertension 45434 AP-DNK
11735			<b>Zanzibar</b> 2005-2033 with Spice FM relay, Afro pops with om ments around 2020.....



			never quite good enough to pull out real details, ..... began to deteriorate around 2025 and was gone by 2032, lots of QRN from storms also a problem. (XM-Cedar Key)
11750	17.7	1720	<b>Sri Lanka Broadcasting Corporation</b> , Trincomalee Sinhala ann, phone-in's, traditional Sinhalese songs 44434 Splashes from R Romania Int. 11740 in English AP-DNK
14950	8.7	2218	<b>Salem Estéreo</b> , Rioblanco en trevlig sak som susade in helt ok även om deras signal är görsvag. En hel del vallenatos och promo för ett "Reunión de la tarde". Ej svar ännu, kan vara för sent ute. QRK 2-3 RÅ
15345,22	20.7	1803	<b>RAE</b> började sändningen på engelska. 2 CB

Robert Wilkner: Pompano Beach, South Florida, NRD 535D -746Pro - Drake R8. Also XM - Cedar Key - South Florida, NRD 525D - R8A - E5

### CORRECTION OF INFO IN SWB 1749

6070.85 **UNID.** yl weak, above Canada at 1100 to 1125, steady signal - One report "Radio 6150 this frequency now" [Wilkner] *As logged here and previously identified in DXLD, it's North Korea's Japanese service off-frequency from 6070. (73, Glenn Hauser via DXLD)*  
 Congratulations to Spain which won the European Championship in Soccer convincingly tonight!  
 /Glenn Hauser

This item was badly mixed up in SWB 1749. The line “**Congratulations to Spain, etc**” was a line coming from Anker Petersen in his mail and had nothing at all to do with that log. For some curious reason the line was attached to the log above when I sorted the log and then created the table format I normally always use.

*Glenn says: No problem about the football comment. I was rather amused as I am sure others would be, who are aware of my repeated references to ``stupid ballgames`` of all sorts. (When I am feeling more charitable I make it ``silly ballgames``. = SBG).*

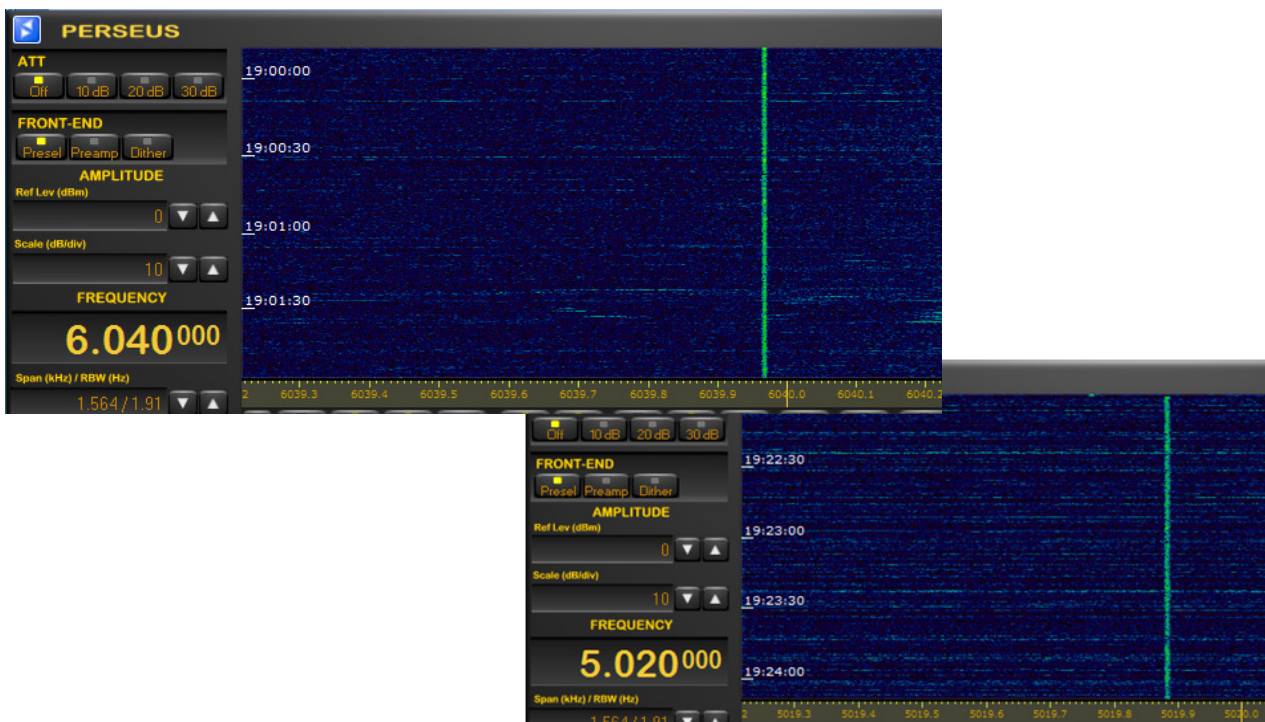
*Glenn & Anker. Very sorry to have mixed up things that bad! /Thomas*

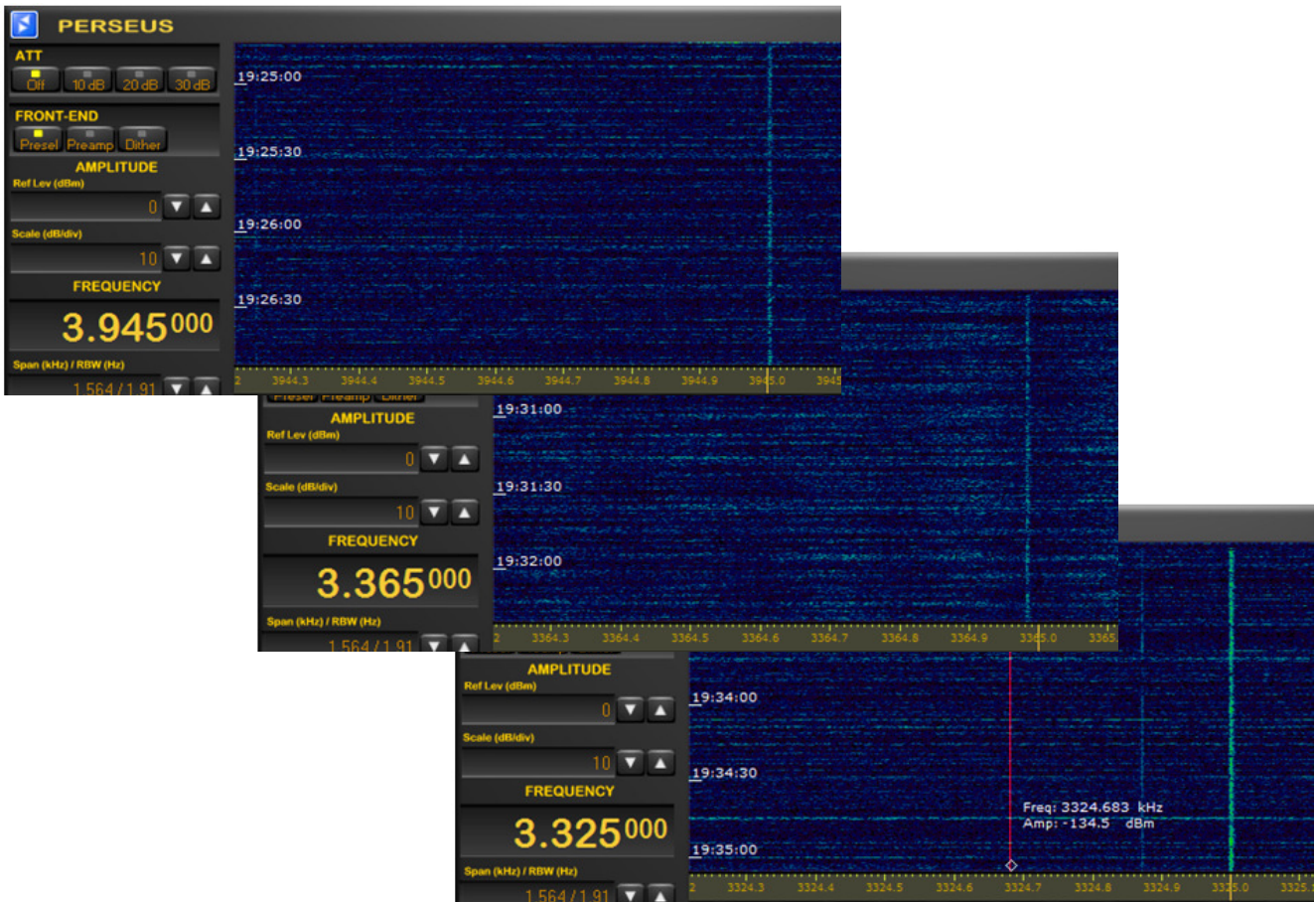
Another funny item which Glenn Hauser points out about the Swedish article in SWB 1749 regarding using material from SWB/ARC. The headline in Swedish was “**Saxning av material från SWB**”. “Saxning” is about the same as cutting (copying) but Google translated this as “Heeringbones”. Thanks Glenn for pointing this out.

So when using the Google translation tool – be careful. /TN

### Watch out for Pacific stations

Just to show you that the Pacific stations are coming through here in Sweden at early evening I took some screen shots on July 16 at 1900 – 1930z of a few interesting frequencies. Here is the results. TN





### Pictures from R Voz Cristiana (ex. R Manantial)

Pastor Leoncio Paco Conce at R Voz Cristiana erecting their new antenna.



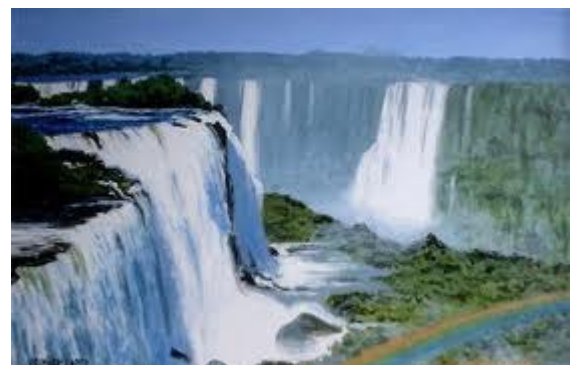
Pictures from <http://www.radiovozcristianaperu.com>

### Foz do Iguauçu

The city is one of Brazil's most-frequented tourist destinations. Most tourists are Brazilians and Argentines, but Canadians, Americans, British, Germans, Italians, French, Portuguese, Spanish, Korean, Japanese and Chinese tourists are also numerous.

Its main attractions are:

- Iguauçu Falls, which has a flow capacity equal to three times that of Niagara Falls. Part of the falls are on the Brazilian side. Others are on the Argentine side, including the "Garganta do Diabo" ("Devil's Throat" in Portuguese), the tallest of the falls, which is 97 m, 318 ft (97 m) high.





- Parque Nacional do Iguazu (Iguazu National Park), in both Brazil and Argentina, where the falls are.
- Itaipu Dam, the second-largest generator of hydro-electric power in the world, in the Parana river, between Brazil and Paraguay



Isaías, announcer at R Cultura Filadelfia  
 Pictures from Wikipedia and <http://www.radiofiladelfia.com.br/>



## Station news

**BHUTAN. 6035.0, BBS (presumed)**, randomly from 1229 to 1319, July 16. Now that they are on exact frequency, no longer producing het; slightly stronger than PBS Yunnan; the indigenous music played was very similar as I recorded back on Dec 15 when BBS was on 5030; in vernacular; most likely full power now. MP3 audio of today's music at <https://www.box.com/s/4e8f98ad9def297a7610> , with PBS Yunnan in Vietnamese underneath (Ron Howard, Asilomar State Beach, CA)

**COLOMBIA. 14950.75v, another check for Salem Stereo**, July 22 around 0220: no signal. Then I get a reply to my inquiry about why we had not heard them for a week, `No se oye más en Oklahoma``:

``Dios te bendiga, Sr. Guillermo Glenn Hauser, Me da mucha alegría saludarle y saber que nos han escuchado, le informo que en estos días hemos tenido problemas con nuestros equipos de transmisión en onda corta 14950 KHz, pero Dios mediante en unos diez días volvemos al aire para nos escue [? sic]. Le deseo muchas bendiciones del Señor y ya le estaremos informando cuando volvamos al aire. La Paz de Cristo, Atte: LUIS EMILIOTORRES GARZÓN, Pastor y Director de Salem Stereo``

Says they have problems with the SW equipment but hope to be back on the air in ten days or so (Glenn Hauser, DX LISTENING DIGEST)

**INDONESIA. 7289.96v, RRI Nabire**, randomly from 0817 to 0848 tune out (gone by 0904), July 12. In Bahasa Indonesia with pop songs; as usual the signal was improving the whole time (Ron Howard, San Francisco at Ocean Beach, CA, USA)

**LAOS, 6130, LNR**, 1159, July 16. In Laotian; indigenous music; 1200 gong/bell rung 7 times; anthem; news. Seems that 4412.64v is still off the air (Ron Howard, Asilomar State Beach, CA)

**MYANMAR. 7110, Thazin Radio**, 1430, July 19. Usual theme music; could make out most of the normal intro: "Good evening dear listeners.

You are tuned to the Thazin Radio, Pyin Oo Lwin and thank you very much. We are broadcasting the third English transmission on the air again. Radiating on 639 kilohertz and 7 point 11 megahertz." EZL music followed by: "Good evening our dear listeners. May I present for you some sweet melodies for tonight"; Everly Brothers with "Walk Right Back", etc.; nice to still hear this even in summertime; 1440 to 1450 segment that seemed to be talking about Myanmar architecture; poor (Ron Howard, Asilomar State Beach, CA, USA)

**PAPUA NEW GUINEA. 3325, NBC Bougainville**, July 19, running well past their normal sign off time of 1300; heard from 1315 to 1325 and still there at 1344; in Tok Pisin with election coverage and providing the vote count; mixing with equal strength with RRI.

**3345, NBC Northern, the Voice of Oro**. July 19 found them with decent audio most of the time today, unlike yesterday's absence of audio; mostly in Tok Pisin except for the 1204 NBC National News in English; tuned out at 1311 and Ian Baxter (Australia) noted they were gone by 1320 [July 20 I heard 1318\*]; QRN and mostly poor; a few segments where the audio was not as strong as other segments, just as Harold Sellers also noted in British Columbia, who was listening at the same time today. July 20 randomly from 1204 to suddenly off at a few seconds before 1319.

<https://www.box.com/s/7f990a21c7afc064a31e> with MP3 audio of ID: "You are listening to N-B-C Northern, the Voice of Oro" followed by what I think was a song about the election.

**3385, NBC East New Britain**, July 20 randomly from 1204 to suddenly off at 1248\*. NBC National News in English followed by NBC East New Britain Provincial News in Tok Pisin with extensive election news, vote counting and about the National Mask Festival being held in Rabaul (East New Britain Province) now. MP3 audio at <https://www.box.com/s/21ba5e86ba974f3a7abe> with "N-B-C East New Britain Provincial News" and at 01:31 "National Mask Festival".

**3905, NBC New Ireland** off the air July 19 and 20 checking subsequently from 1149.

**3915, Radio Fly**, 1349-1402, July 19. Pop hit songs ("Rhythm Of My Heart" by Rod Stewart, etc.); 1356 series of IDs with SW and FM frequencies which started and ended with Irish music; young girl: "I listen to Radio Fly on . . ."; poor.

**7324.95, Wantok Radio Light**. Surprised to still be able to hear this fairly clear during the 1400 to 1430 window; 1418 on July 19 with Christian songs; 1421 just a brief ID for "Wantok Radio Light, your inspirational station" and more songs; weaker station underneath them.

(Ron Howard, Asilomar State Beach, CA, USA)

**PAPUA NEW GUINEA. 6040, NBC Port Moresby** with NBC National Radio, the Voice of Papua New Guinea programming, randomly from 0817 to 1000, July 12. Amazing how this 10 kW station has fair reception on a daily basis. In Tok Pisin reporting on a "power blackout", "standby generator", etc. (so is not entirely in English!); usual ad for BSP (Bank of South Pacific) in English; local time checks; many IDs: "N-B-C National Radio, the Voice of Papua New Guinea"; today intermittently played some pop songs; 0901 bird call and into the NBC National news in English with election coverage. Today was not able to confirm all the // stations, but clearly Wantok Radio Light on 7324.95 was the strongest // by far, with the news till 0914 when they had their usual announcement ("Wantok Radio Light management thanks the National Broadcasting Corporation for allowing us to relay the daily bulletin. Join us at 7 AM for the next N-B-C National News"). Checked 4890 till 1000 with no results of anything.

<https://www.box.com/s/a3e6dadde006d7ea2cb2> contains MP3 audio

(Ron Howard, San Francisco at Ocean Beach, CA, USA)

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Recorded 6040 off my Perseus SDR using Total Recorder Pro from 08:59 to past 14:00. Quite excellent reception at 08:59 with ID as, "National Radio, the Voice of Papua New Guinea". Audio was a bit muffled, but otherwise very strong. I was quite surprised with the strength, judging from what others have been hearing. Deteriorated gradually. Must be off later, as all I heard was CRI IS and CC ID at 14:00. At 13:00, rather weak, but I think it was still PNG. Nothing over the top of the hour. Same muffled tone, and the transmitter cut about 14:00:30 in mid-sentence. At 12:00, signal was about the same: poor to fair, with muffled modulation. Nothing noted over the TOH (or too weak to hear). Much better reception at 11:00, positively in PNG in English. Transmitter problems over the top of the hour at 10:00 with drop-outs very frequently with typical PNG islands music interspersed. Bottom line, listen earlier, at least from the west coast for best reception. I'll set up my timer function again tonight, a little earlier. Grayline seems to occur between 08:00 and 09:00 across PNG.  
(Walt Salmaniw, Victoria, BC via DXPLorer)

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A follow-up to David Ricquish's recent posts on 6040kHz, but mostly a confirmation of his posts(from another source).

"NBC have put the **Radio Central** 10KW NEC on **6040kHz** (ex-Alotau frequency) for the election period." It is located at the usual Port Moresby MW/SW site. The signal is usually weak here in Australia & even reported weak in Port Moresby today. My reception of the 10kW NBC Northern txer on 3345kHz is MUCH stronger. Log 6040kHz whilst you can, it won't be around for long. (Regards Ian Baxter via DXLD)

**6040, NBC Port Moresby** with NBC National Radio, the Voice of Papua New Guinea programming, as confirmed today by Dave Ricquish (not via Milne Bay, "although 6040 is nominally licenced to Alotau in Milne Bay. However, NBC Milne Bay says it is only broadcasting on 3365 and two FM frequencies", per Dave). July 11 at 0901 ID; local TC for 7:00; NBC National news with election coverage; 0914 promo for "Cash giveaway"; 0915 into a program presented by YL and OM with reports of various arrests being made (one for hijacking of ballot boxes, etc.) . Before 0901 did not hear any PNG stations // with 6040, but with the start of the news found the following //:

3204.96 NBC Sandaun  
3260 NBC Madang (doing well)  
3275 NBC Southern Highlands  
3315 NBC Manus  
3325 NBC Bougainville (best ever reception)  
3365 NBC Milne Bay (the poorest)  
3905 NBC New Ireland (doing well today)

After the news they stayed //, EXCEPT for 3325. NBC Bougainville was heard in the clear, due to the fact that RRI had not faded up yet, which started to come in about 1013, underneath NBC.

1004 again with the NBC National news; all the others were //, EXCEPT for 3260 (NBC Madang) and 3315 (NBC Manus). <https://www.box.com/s/fa4602bc231ef9a39de9> contains an edited MP3 audio file with ID and story about the arrest for the hijacking of ballot boxes (Ron Howard, San Francisco at Ocean Beach, CA, USA)

Very weak signal on 4890.33 kHz received in Japan around 1100UT. <http://ani.atz.jp/FBDX/LogBBS/img/280.jpg>  
Unfortunately not able to confirm the audio. (S.Hasegawa via DXLD)

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Today (July 15) checking at 0930, 6040 kHz had good signal in Sydney, or actually 6039.97 kHz to be precise. Identification as "You are listening to NBC National Radio, the Voice of Papua New Guinea". No mention of Karai Network. 4890 kHz silent. 3365 kHz with good signal, too. Other NBC's noticed active: 3205, 3260, 3275, 3315, 3325, 3365 and 3905 kHz. Now at 1340 very deep ionospheric blackout, absolutely no signals on 49 mb.  
(73, Mauno Ritola )

**PAPUA.** Hi Glenn, Have been corresponding with Dave Ricquish, the PNG Country Editor, Radio Heritage Foundation. He has some interesting comments to make about the present conditions in PNG.

He also reminds me he is still seeking "help from SW monitors of PNG for the WRTH 2012 issue is still out there, and this week as the election results come in is going to be the best time in years to monitor unusual SW broadcasts, such as 6040, some of the usually silent Kundu provincial stations, and announcements heard about MW, FM and SW frequencies being used. It's really vital to be monitoring PNG right now!", so please send information directly to him at [radioheritage@gmail.com](mailto:radioheritage@gmail.com) .

Dave's comments about PNG: *"The election results are pouring through in PNG and some NBC provincial [Kundu] stations are making incredibly valiant efforts to keep people informed.*

*There's a lot of turmoil, attacks on polling booths etc. It's even possible that announcements of 4890/9675 are being made from a script, even if they know they're not on the air, for propaganda purposes.*

*The country is broke, so much so that all police vehicles in Milne Bay are allocated 10 litres of gas on Mondays, Wednesdays and Fridays, and if they get a call out to trouble on a Thursday and have no gas left, they ask the caller to pay for the gas to turn up. So, you can understand the challenges getting up to date NBC station data in this environment."*

I appreciate Dave sharing his observations with us!  
(Ron Howard, San Francisco via DXLD)

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Hi Glenn, Continuing to send my reports to Dave Ricquish, PNG Country Editor, WRTH, Radio Heritage Foundation. Here are his insightful comments today:

*"No, could not hear 4890 yesterday [July 12] either. Your report mentions a power blackout etc. The land on which the power station that supplies Port Moresby is located is claimed by one of the local tribes, who have blocked access to it. This means that different parts of PM are shut down on a rolling basis throughout the day and night. As a result, it's possible that 4890 was off to avoid overloading the system and they relied on 6040 only for SW yesterday. I would imagine they've little money to pay for the fuel for the standby generators so therefore only powered up 6040. They are supposed to have a 100kW rig there so I don't know if it's being used here on 6040, maybe on reduced power. Thanks for your continued monitoring. Cheers, Dave"*

More useful comments from Dave Ricquish:

*"You commented that 3905 Radio New Ireland reception was 'doing well today' [July 11]. An NBC technical team was in the province just last week on a long overdue radio upgrade project, adding several new FM transmitters and doing maintenance to expand coverage of the shortwave transmitter. This is part of a program that has so far upgraded Kavieng [NBC New Ireland] and Rabaul. A recent internal report on NBC states that most provincial services use 'run down shortwave transmitters operating below capacity' so I'd say 3905 is currently running at the full 10kW, the antenna is properly tuned and the connections are all working for the first time in over two years. Log it whilst it remains so :) Cheers, Dave"*

Is wonderful to have such insights into what is happening with NBC.  
(Ron Howard via DXLD)

**PERU.** Pedro Arrunátegui tells me that in his upcoming Chasqui DX newsletter he is reporting that Radio Manantial, Huancayo, 4986v, is actually announcing **Radio Voz Cristiana**, "una señal que transforma tu vida". From their chat one infers that the change must have taken place quite some time ago. However, per recent loggings this is still Radio Manantial...

There is a 6-minute video on their webpage <http://www.radiovozcristianaperu.com/> where the Pastor is driving from one place to another to show visitors to his webpage where his transmitters are located. (He is constantly referring to Radio Manantial, so the video seems to be an old one). It ends on a touch of humor. At approx. 5 min. into the video, a stray dog is about to attack the cameraman but suddenly changes his mind, saying to himself "Me confundí" (I was wrong...).  
/Henrik Klemetz

**SOLOMON ISLANDS. 5019.90, SIBC.** 1032, July 15. Wonderful reception of the coverage of the closing ceremony of the Solomon Islands Festival of Pacific Arts from Honiara; speech by Festival Chairperson Doreen Kuper in English with audio hum; "All good things must end and we have come to the end of the biggest event in our nation's history"; 5 ½ minutes MP3 audio of speech at <https://www.box.com/s/88ebe355a297a4303bff> (Ron Howard, San Francisco at Ocean Beach, CA)



**VIETNAM. 7906-USB, Ho Chi Minh Radio - Vietnam Coast Radio Station (VISHIPEL)**, 0906-0909\*, July 15. Thanks to the timely tip from Dave Valko, I checked out this much earlier than normal broadcast (I usual hear Ho Chi Minh Radio at \*1305); in English: "All stations, all stations, all stations, this is Ho Chi Minh Radio, Ho Chi Minh Radio, Ho Chi Minh Radio" and had some type of info which I missed as I had just tuned in and was trying to get ready to recorded it, but I was too slow; also in Vietnamese and // 8294-USB.

This earlier time gives folks on the east coast (NAM) a much better chance of reception, as Dave has proved!

I asked Takahito about this earlier reception, as he is an expert on Vietnam Coast Radio Stations. He wrote:

*"It seems not a new schedule. Vietnamese coastal radio stations transmit temporal broadcast in case of storms and typhoons. As you see [he attached a weather map], there is a very low pressure in South China Sea, which will cause severe storm. Ho Chi Min Radio might transmit their temporal warning "as usual"! Takahito Akabayashi (Tokyo, Japan)"*.

Appreciate Dave's alert and Takahito's response (Ron Howard, San Francisco at Ocean Beach, CA)

**CLANDESTINE. 5985.0, Shiokaze/Sea Breeze** via Yamata, July 17 at 1348 in stilted Chinese (scheduled 1330 to 1400); 1407 in Korean (scheduled from 1400 to 1430); fair; best in LSB due to Myanmar on 5985.83.

Friday, July 20 from 1333 to 1339 in English with "Today's News Flash" then into "Today's News on North Korean Issues"; ID: "This is Shiokaze Sea Breeze from Tokyo, Japan"; fair with light jamming (Ron Howard, Asilomar State Beach, CA, USA)

**CLANDESTINE. 17745, Sudan Radio Service** via Woofferton, 1501, July 19. In vernacular with the news about "S-P-L-A" (Sudan People's Liberation Army), "General Philip Aguer", etc.; sound bits in English; strong signal with good reception. MP3 audio at <https://www.box.com/s/29a695f956c158e742de> (Ron Howard, Asilomar State Beach, CA, USA)

**UNIDENTIFIED. 7197.46, Japanese ham (?)**, 1028 till tune out at 1040, July 11. Playing non-stop songs with no announcements. Thanks very much to Sei-ichi Hasegawa (Japan) for listening to my audio and responding with: "I think probably is mischief of Japanese HAM. The title of "Kanda-gawa", i.e. "Kanda River".

<http://www.youtube.com/watch?v=qBCxUC-QrIg> . S.Hasegawa"

(Ron Howard, San Francisco at Ocean Beach, CA, USA)

## Other radio news

### Nostradamus, the French skywave over the horizon radar

**Presentation movie of Nostradamus**, over the horizon skywave radar demonstrator, designed and built by Onera

<http://www.youtube.com/watch?v=UDnPS6U5JX4&feature=related>

This is a recording of the Nostradamus (New Transhorizon Decametric System Applying Studio Methods) Radar transmitted from France, on September 18, 2011, at 1610 UTC.

The receiver mode for this recording is USB, but naturally that is not the transmission mode of the radar itself.

<http://www.youtube.com/watch?v=OD0mlxXbA0Y&feature=related>



I have got a noise source covering almost 200 kHz in the 31 m band. The noise is very intense and moving down from a center of 10400 to now 9800 kHz. For a question in the Perseus\_SDR Yahoo group people first suggested that it was the Nostradamus. But I got information from Leif Dehio in Germany who had exactly the same type of noise in his neighborhood. He pointed out that Nostradamus is only about 30 kHz wide and he is quite certain his source is from a transformer that feeds the low voltage outdoor lighting system in his neighbours garden.

Leif, thanks for the info.

/Thomas

### UTILITY FREQUENCY LIST

**For those of you** who wonder where the UTE stations disturbing your wanted signals are coming from, check out this list. It will cover some of the signals found in the HF spectrum.

<http://www.aufscan.com.au/showthread.php?129-Shortwave-Frequency-List-Utility>

/Thomas

## WAVECHOPPER

Are you aware of Chuck Hutton's nifty little utility called "Perseus WAV Chopper"? It requires just a few moments and a few mouse clicks to chop a massive Perseus WAV down to size, for distributing to other DXers etc.

Unfortunately you cannot resample and change the IQ recording bandwidth (frequency range), but at least Perseus WAV Chopper does what no other Perseus software does: lets you edit and save the file to a shorter time length. I've used it to isolate a big five or eight minute WAV to a crucial 10-15 second ID period at the top of the hour.

You'll find it in the files section of this Yahoo Group:

[http://groups.yahoo.com/group/perseus\\_SDR/files/Perseus%20Wav%20file%20chopper/](http://groups.yahoo.com/group/perseus_SDR/files/Perseus%20Wav%20file%20chopper/)

Chuck really did Perseus owners a big favor when he wrote this little gem of a program.

(73, Guy Atkins, Puyallup, WA USA via Perseus\_SDR)

## Japan Radio Co. and Drake

The NRD-545 listserv has noted that JRC has just announced that it will not be supporting the receiver with parts or service after Dec. 15, 2017.

(Though with the way stations are leaving the air, a 545 probably will have little practical use other than as a large paperweight by that date, five years out.)

The DrakeR8 list notes some ambiguity concerning whether Drake (now owned by Blonder-Tongue) is still supporting the R8/A/B series. The consensus seems to be that officially, Drake no longer is supporting the rx, but that one or more of their service techs still do on their own, more or less as before. In this case, Drake's discontinuance is probably more significant in terms of any unusual parts availability, rather than actual servicing.

(Don Jensen via DXPlorer)

## PERSEUS MEMORY WINDOW

Get the most update EiBi and HFCC data:

<http://www.eibispace.de/dx/eibi.txt>

<http://www.hfcc.org/data/a12/a12allx2.zip> --> extract A12all00.TXT, rename to hfcc.txt

Perseus supports two further files, userlist1.txt and userlist2.txt:

Get this file: <http://www1.m2.mediakat.ne.jp/binews/userlist1.txt> ("AOKI")

And finally, get a comprehensive file (Eibi + AOKI condensed, and a team of editors) from

<http://www.fmscan.org/perseus.php> and name it userlist2.txt

(optimized for your listening location, which is important especially on MW/lower frequencies).

Let me know if you receive anything that is not on these files ...

(73, Günter Lorenz via Perseus\_SDR)

## When You Need To Get Rid Of That Noise

*"Receivers are not immune to very strong signals. And they exist - it could be your local AM station, the general signal level in your part of the world, or that your radio simply cannot handle the signal level."*

In his blog Bjarne Mjelde comments the highpass/ lowpass filter market for the Afedri and of course also for other receivers lacking filters which prevents from overloading the receiver.

Read the full story at <http://arcticdx.blogspot.se/> /Thomas

## For sale: the contents of Bush House, a landmark of BBC World Service history

The BBC World Service leaves Bush House this week, and, from studios and microphones to Paul McCartney memorabilia, everything must go in an online auction . <http://tinyurl.com/7cvgnw8> Photo's : <http://tinyurl.com/7xvrga6> (Alokesh Gupta, New Delhi via DXLD)

The BBC isn't selling the two limestone statues that stand atop the towering Bush House pillars, but it's auctioning off everything else inside that is not actually fixed to the walls.

Picture: Paul Grover <http://tinyurl.com/7xvrga6>



## AFEDRI and filters continued

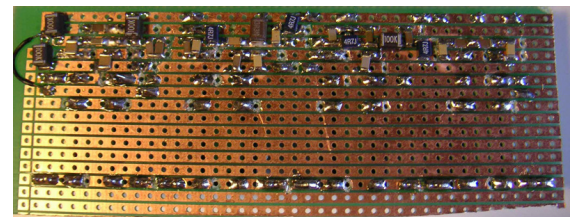
I now have four different filters installed in a nice box for my AFEDRI Rx. First of all let me explain **why** I made those filters and **what** they will be used for! When running the AFEDRI with max gain, overload or clipping is a major problem, due to the lack of built-in input filters. The origin of signals causing clipping is not always easy to determine and will also depend on the antenna in use and the time of day, i.e. conditions on different bands/frequencies as well as the location. Since I was not sure where the offending signals could be found, I made more than one filter. I knew, however, after having checked with my Perseus that signal levels below 500 kHz were very high and also that signal levels on MW can be very high during evenings and nights. The bands between 49-31m can also be high during certain times.

Depending on what one wants to listen to, it might be useful to attenuate signals on SW or on MW.

My present filters are:

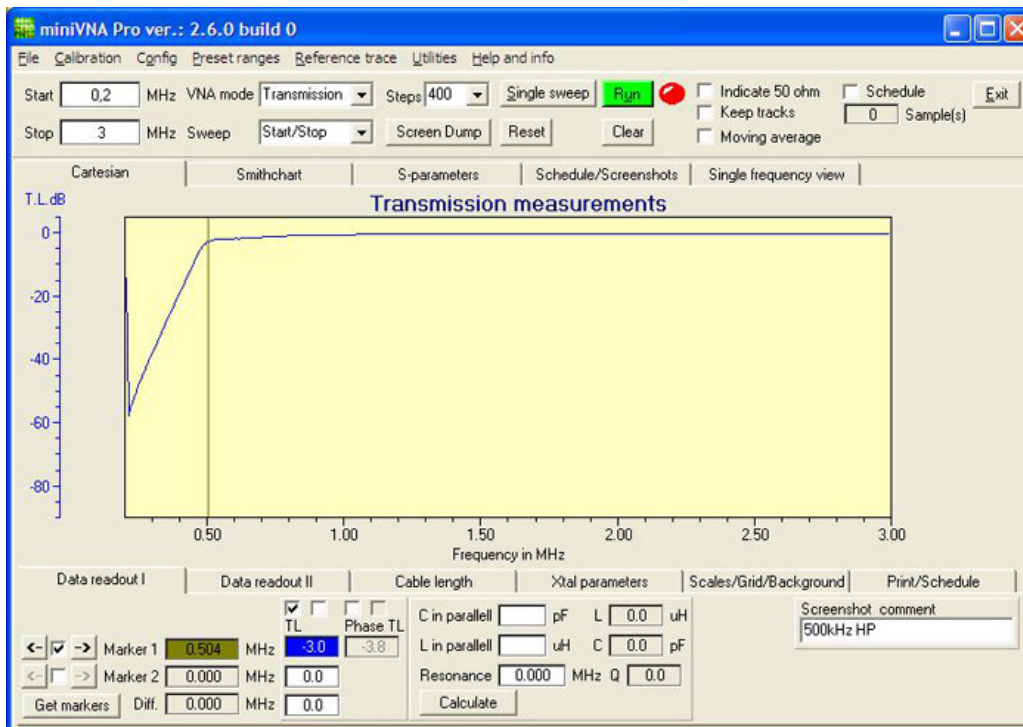
- 500 kHz high pass
- 1600 kHz high pass (to filter out MW)
- 1700 kHz low pass (to filter out SW)
- 10 MHz high pass (to filter out lower frequencies and listen to 25-19mb)

These filters are built using SMD components (inductors and capacitors) except the 10 MHz high pass filter that uses toroid inductors (T50-2). They are built on a cheap experimental board with copper stripes and the layout has *not at all* been optimized for minimum crosstalk or exceptional attenuation in the stop band! They are designed using ELSIE (7 pole filters) and the closest standard value of the inductors were chosen and the capacitor values adjusted to give a decent filter response. The filters are only used for attenuation of strong signals and clipping, so extremely sharp filters was not a goal.



Results? Well, now I can use the AFEDRI with max gain during most occasions! In my case, the 500 kHz filter seems to be the most useful one. Using my Beaverage antenna during evenings/nights on SW is no problem at all, and I can even use a 10 dB gain preamp together with AFEDRI on full gain! But further testing will be necessary, MW signals (well, SW signals as well!) are low for the moment, so it will be interesting to see how things behave during large signal conditions!

Recommendations? In my case, the 500 kHz filter is indispensable! It needs to be switched in almost always, so why not leave it in all the time? Especially since I am not interested in frequencies below 500 kHz. If you want to listen to SW, a 1700-2000 kHz high pass filter sounds like a good idea, and, the other way around: If you listen to MW, a 2000 kHz low pass filter is what you want. If you want to use the AFEDRI for serious DX-ing on specific bands, a band pass filter for that band or part of the spectrum would probably even make it possible to use max gain + an external preamp, which would improve the total Noise Figure and give you a more sensitive Rx!



500kHz: Response for the 500 kHz HP filter. -3dB point is at 504 kHz.

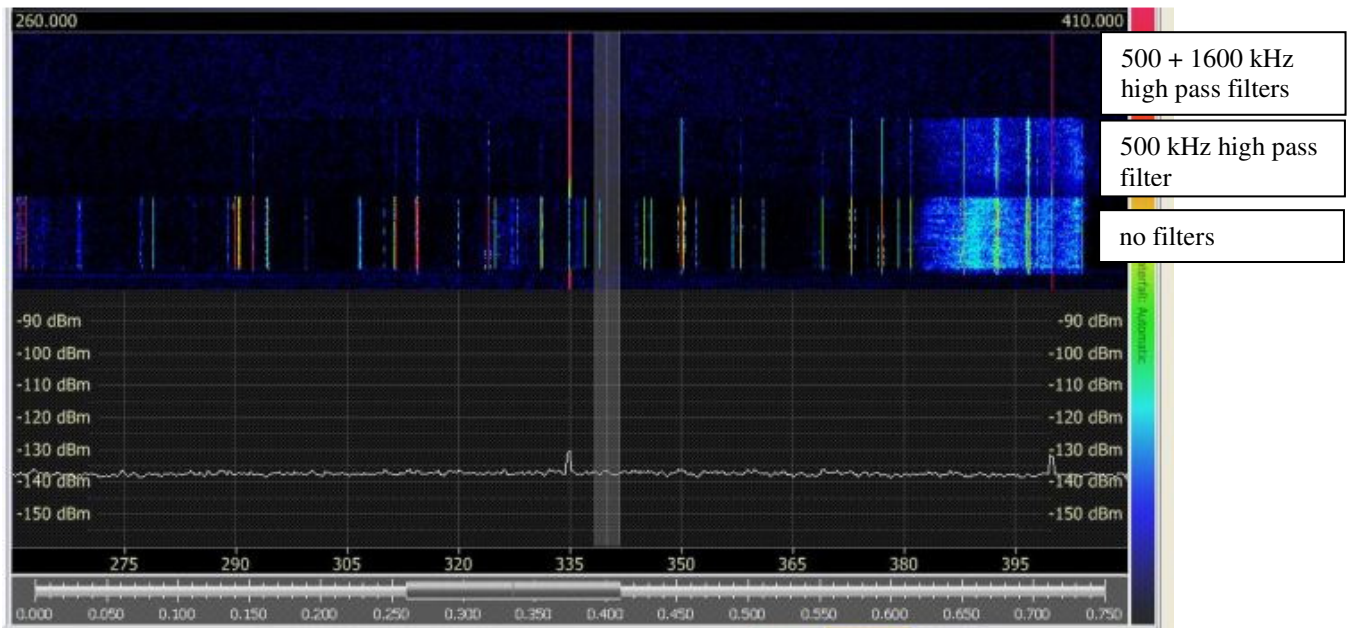




500kHz SWR: SWR at 500 kHz is < 2 and above 1,5 mHz it is well below 1,5!

SWR measurements made with the output of the filter terminated in 50 ohms.

This is the AFEDRI tuned to frequencies below 500 kHz:



The lower part of the waterfall shows signals without any filters switched in, middle part with 500 kHz high pass filter ON and upper part is 500 + 1600 high pass filters ON.

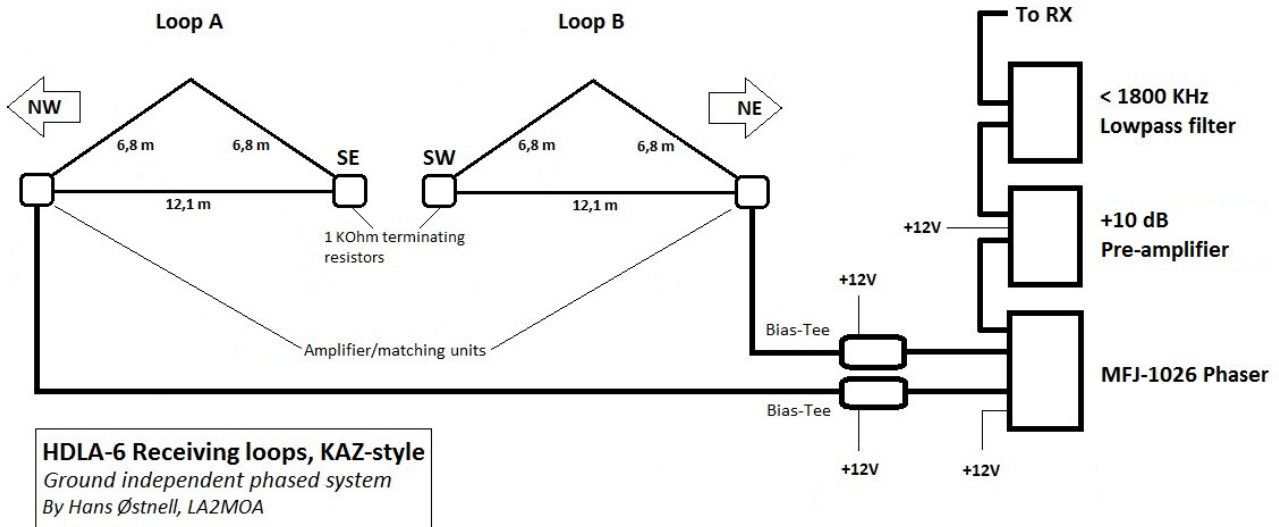
(The red line in the middle is NOT a signal, it is caused by AFEDRI itself.)  
/Arne Nilsson

## WRTH Facebook group

**WRTH has released a mid-season update** for the Summer/A season broadcasting schedules file (which includes revised and updated schedules plus new stations and frequency changes that have occurred since the beginning of the season). The PDF can be downloaded, free of charge, from [www.wrth.com](http://www.wrth.com)  
Mike Barraclough via DXLD

### Schematic of the modified HDLA phased loop array...

Ok, so here it is. Compared to the system used last season, the two loops will have a somewhat larger circumference. On each loop the HDLA-amplifier/matching unit will be connected in the lower apex facing the desired listening direction. In my case, I want to favor reception from northwest and northeast and everything in between. In the lower apex of each loop, facing undesired directions, a 1 K terminating resistor is connected. This will (hopefully) attenuate noise from nearby buildings and unwanted signals and QRM from southwest and southeast.



As you can see, the system can be defined as two phased KAZ-loops. Both loops are mounted on the same pole, in 90 degrees angle from each other. This is far from ideal, but due to lack of poles and real estate, I don't have any other choice than to do it like this right now. The loops are, however, separated in height.

I do have high hopes for its performance the upcoming MW-season. But, just like all other antenna systems – this one demands real life usage in order to prove its usability. In any case, I'll keep you posted about the assembly process. Just wish them horses to leave the spot where I'm planning to erect this "thingy". (73, Hans Östnell)

Pay a visit to his blog where you can read about the progress with antennas and also about his newly purchased Afedri. Look at <http://barentsdx.wordpress.com/>

Information about the HDLA loop amplifiers can be found at: <http://www.activeloop.de/html/english.html>  
/Thomas Nilsson