

# SHORTWAVE BULLETIN

Issue no. 1864, Dec 4, 2015.

Deadline e-mail next issue: 0800 UTC, Dec 18, 2016.

Time for another issue of SWB. As usual a lot of stations in the log.

Things to point out is the special DSWCI broadcasts which started on Dec 3 and continues until Dec 17.

SDXF's special program on shortwave will be sent over Radio Channel 292 on 6070 kHz. More info later in this issue for both programs.

The long awaited Swedish DX-Book has arrived.

I agree completely with Hans Östnell's comments in DX-Listeners' Club.

*(In Norwegian to the right.)*

A big thank you to Ronny Forslund for his fantastic work producing this valuable book covering Swedish DX-ing from the start way back.

Also thank you Guy Atkins for sharing the latest SDR software info.

Hope you find something of interest in this issue.

**Keep on ....**

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**R e d a k t i o n :**

*Thomas Nilsson*

*E-mail:*

[thomas.nilsson@ektv.nu](mailto:thomas.nilsson@ektv.nu)

## **SWB-info**

**SWB on HCDX:**

<http://www.hard-core-dx.com/swb>

**SWB member information:**

<http://www.hard-core-dx.com/swb/member.htm>

**Dateline Bogotá 1993-1998:**

<http://www.hard-core-dx.com/swb/Dateline.htm>

**SWB latest issue/archive:**

<http://www.hard-core-dx.com/swb/archive.htm>

## **QSL, kommentarer, mm.**

**Lars Skoglund:** Madagascar World Voice 17640 svarade med sitt trevliga kort.

**Anker Petersen.** The coming special DSWCI programs can now be seen in Latest News at [www.dswci.org](http://www.dswci.org).

**Christer Brunström:** Radio Tirana 7465 sent a nice QSL-card showing members of the Radio Tirana Listeners' Club (Germany) visiting archeological monuments in Albania in May 2010. There are four different designs in this series which was apparently sponsored by the listeners' club.

**Giampiero Bernardini:** Ciao Thomas, here some tips for SWB. I posted some info about new SDRplay SDR receiver on PlayDX blog. Maybe you can have some interest: <https://playdxblog.blogspot.it/2016/11/sdrplay-2-levoluzione-della-specie.html>

**Dan "DO" Olsson:** Hej! Här kommer ett bidrag. QSL: **6300 R Verona** kort, **6325 R Black Lake** E-brev o kort.

### **DX-Boken**

I dag kom "DX-boken" i postkassen! För en fantastisk dokumentasjon, og for et stykke arbeid som Ronny Forslund har gjort for å lage denne boka! Har bare så vidt bladd litt i boka, men kan allerede nå si at denne boka er noe helt for seg selv i "DX-verden". Jeg sitter her og flirer for meg selv, og tenker; "Ja, akkurat sånn var det", "sånn begynte jeg også". Helt fantastisk! Hadde trudd at boken var "paperback", men neida - et flott bind med "hardcover". Dere i gruppa her som har bestilt, kan bare glede seg!

...og, hvis noen (mot formodning) skulle slite med rare svenske ord eller setninger - jeg stiller gjerne opp med oversetning eller forklaring. Helt gratis!

(Hans Östnell via DX Listeners' Club Facebook)

Kommentar från Ronny Forslund: SDXF skickar själv ut den till sina medlemmar och det tar kanske litet längre tid.

*(Instämmer helt med HR, mycket material och väldigt intressant läsning. Ett måste för alla nordiska DX-are. /Thomas)*

Japp, en otroligt trevlig bok! Den får inte saknas i någon bokhylla bland de som kallar sig DX-are. Boken har dock redan fått fin spridning tack vare Johan Berglunds donation och SDXF-styrelsens framsynhet.

Om det blir en del 2 - som vi hoppas på - kan jag i forskningssyfte erbjuda hundratals lokala klubbtidningar m.m. här i SSA:s arkiv i Karlsborg. De första s.k. radioklubbarna (det handlade då mest om att sända lokalradio - men även lyssning av europeiska sändare ingick) bildades i början och mitten av 1920-talet = snart 100 år sedan! Här finns mycket material beträffande dessa klubbar.

Själv hoppas jag vara med och skriva SSA:s 100-årsbok som ska ges ut 2025. Vem som helst är välkommen hit att botanisera bland allt källmaterial här - men ring först!

(73 Eric SM6JSM via NORDX)

3345.00	Nov21	*0300-	Channel Africa, Meyerton English news, but heavily disturbed by utility talk. (AP-DNK)
3931	Dec3	2200	R Lesbos with Greece music. DO
3925	Dec3	2230	Radio Nikkei, NSB; Chiba, Japan, 2230 UT Dec3 Japanische Schlager und kurze Ansagen. Und auf 9595 kHz mit noch besseren Signal! 6055 kHz leider stark gestört. Christoph Ratzer via A-DX)
3944.2			[Non] After 1401, not hearing Radio Vanuatu at all; not even a trace of a carrier, which has been the case for a while now. "RN2, Radio Nikkei" (Japan) signs off on 3945.0 at 1401* (during weekdays). BTW - Guess I have not been paying enough attention to RN2 IDs, as for a long time in the past they just gave "RN2," but now am hearing mostly "RN2, Radio Nikkei" IDs, which are new to me (Ron Howard, Calif., USA)
3950.00	Nov21	-0257*	Xinjiang PBS, Urumqi Uighur conversation on prolonged schedule, 0251 ID: "Xinjiang renmin kwangpo dientai". (AP-DNK)
3995.00	Nov26	0425	HCJB, Weenermoor Russian religious talk as in the former schedule. (AP-DNK)
4010.2	Nov26	1520	Birinchi R Bishkek, local language programme (Mauro Giroletti)
4010.22	Nov22	1155	R. Birinchi Found here way off freq w/tlk by M at 1155 sounding // an Aussie web rx on SDR.hu. Then definitely // to that on the Aussie rx at 1207 w/tlk by M and into instru. mx at 1208. Surprised to find this so far off, especially above 4010. (Valko)
4010.23	Nov21	0310	Birinchi R, Krasnaya Rechka Kyrgyz talk. (AP-DNK)
4055	Nov27	0545	Radio Verdad, Chiquimula, religious songs, English. Very weak. (Méndez)
4055	Nov30	0510	R Verdad San Esteban Chiquimula, local program music rel better LSB noise from UTE (Mauro Giroletti)
4759.998	Nov30	1415	AIR Leh, (not Port Blair, which is OFF actually, thanks to tip of Uwe), poor tiny S=4 signal in eastern Thailand at 1415 UT, low modulation. (wb df5sx, wwdxc BC-DX TopNews Nov 30) <i>Acc to updated information in <a href="http://www.qsl.net/vu2jos/">http://www.qsl.net/vu2jos/</a> AIR Port Blair is off air and only AIR Leh from India active on this frequency. (TN)</i>
4760	Dec3	1628	<b>TWR</b> , Swaziland "This is Trans World Radio, Swaziland". Very strong signal. TN
4765.00	Nov25	*2258-	Tajik R 1, Yangiyul Man opening in Tajik with a short talk and singing a folksong, 2302 a woman and another man talking enthusiastically, 2309 song. (AP-DNK)
4765	Nov28	1835	Tajikistan Radio 1, Dushambe, folk songs, talks, fair (Bernardini)
4765	Nov29	1755	Tajik R 1 Yangiyul Dushanbe, px music local (Mauro Giroletti)
4810	Nov29	0027	AIR Bhopal, India, slow Indian music, fair (Bernardini)
4835	Nov24	1103	ABC Alice Springs NT. "Grandstand," with coverage of the cricket match between Australia vs South Africa, played in Adelaide; interview with captain of the RSA team; fair. Not carried by RA (9580, 12065 & 12085) (Ron Howard, Calif., USA)
4840.00	Nov21	0320	WWCR, Nashville, TN English religious talk. (AP-DNK)
4869.9	Nov24	1232	Pro 1 RRI Wamena. Kang Guru Indonesia ("KGI") mostly in English, but a few short segments in Bahasa Indonesia; intro by "Ana" & "Greg"; "Kang Guru is here, helping you with English"; this was a repeat of the Aug 25 program that I heard here, in which the segment "Good neighbors make good friends" talked about differences between walking or riding in Australia and Indonesia; semi-readable; certainly one of their better Thursday receptions (Ron Howard, Calif., USA)
4885.05	Nov25	2250	R Clube do Pará, Belém, PA. Talk. (AP-DNK)
4896.0	Nov29	1308	AIR Kurseong, occasionally this off frequency anomaly happens, as it did today, as noted at 1308; normally, on most days, heard on 4895.0. (Ron Howard, Calif., USA)
4910	Nov22	0822	Oz talk vs CODAR. It's VL8T, Tennant Creek NT, just before the 0830 QSY to 2485. Unfortunately I am awake at this hour for a frequency I don't hear elsewhere. Weaker than VL8A on 4835, which stays there 24 hours and is easy around sunrise (Glenn Hauser, OK)
4910	Nov29	0023	AIR Jaipur, India, starting bc, music, fair (Bernardini)
4930.00	Nov26	0355	VOA, Moepeng Hill English talk, music, VOA ID and news. (AP-DNK)
4940.00	Nov20	*2028-	VOA, Pinheira English ID's: "This is the Voice of America, Washington DC signing on" and opening melody, 2030 English with African songs. (AP-DNK)
4949.7	Nov29	1805	R Nacional de Angola Mulenvos Luanda, px local better modulation (Mauro Giroletti)
4949.73	Nov29	0012	R. Nacional Angola, Portuguese, reports, fair, much better than usual, good modulation! (Bernardini)
4949.73	Nov27	0502	R. Nacional de Angola. Nicely above threshold level audio; clear ID ("Radio Nacional de Angola"); 0504-0516 certainly a religious program, as it's Sunday; program started with singing of the song "Hallelujah," and also religious songs at 0512 & 0516. Nice to have them

4949.73	Dec3	0103	back on the air after being silent for several days (Ron Howard, Calif., USA) RNA is S8 and with much improved modulation, which they must have fixed during recent outage: Portuguese talk; Also at 0510 check in S6 music, but gone by 0611 recheck (Glenn Hauser, OK)
4949.75	Nov25	2310	R Nacional de Angola, Mulenvos. Songs. (AP-DNK)
4960.00	Nov26	*0400-	VOA, Pinheira. VOA ID, English news about President Elect Donald Trump. // 4930 (AP-DNK)
4970	Nov29	1056	AIR Shillong, with unique AIR IS (Ron Howard, Calif., USA)
4970	Nov29	0025	AIR Shillong, India, start bc, music talks, weak/fair (Bernardini)
4980.00	Nov25	2315	Xinjiang PBS, Urumqi Uighur ann, songs and music. (AP-DNK)
4985.03	Nov28	0350	R Brasil Central, Goiânia, GO talk, very weak. (AP-DNK)
5005	Nov27	0421	RNGE, R. Bata (presumed), at brief checks, heard definite open carrier, but no audio; a very early sign on for them (Ron Howard, Calif., USA)
5005	Nov30	0525	R Difusion de Guinea Ecuatorial Batá, afro music (Mauro Giroletti)
5011.7	Nov26	1610	R Nasionaly Malagasy Sobotsy Namehana Antananarivo, tentative low mod ??? (Mauro Giroletti)
5011.77	Nov23	1519	R. Madagasikara (presumed). Has been many years since I last heard them here; variety of music; language sounded right to be them, but too weak to catch an ID. My local sunrise at 1455 UT, their sunset at 1510 UT, so nice grayline reception (Ron Howard, Calif., USA) ----- <i>It seems to be still the same transmitter with typical pattern: Quickly varying by som 20 or 30 hz up and down and slowly drifting around between 5009 and 5013 - but in a long-term perspective the signal has significantly improved in the last few weeks. I don't think it's just for seasonal or propagational reasons, but increased power, better modulation or maybe another antenna. 873, thorsten hallmann via DXLD</i>  Thanks, Thorsten, for your comments! Nov 25, heard 5011.9v at 1514 and still on at last check at 1548; noted frequency drifting; mostly just announcers; still unable to dig out a clear ID. Seems this could possible become a regularly heard station again? (Ron Howard, Calif., USA)
5012	Nov28	1850	Radio Madagascar, songs, news at 1900, African lang., very weak (Bernardini)
5020	Nov29	1310	SIBC extended broadcast, with non-stop pop songs (no IDs), so not a Wantok FM relay; at 1321 the music stopped and they just had dead air (open carrier), which was still on the air at 1333 tuned out (Ron Howard, Calif., USA)
5020	Dec2	1900	Solomon Island Broadcasting Corp., Honiara. Schönes S5 Signal von den Solomon Inseln, derzeit hört man auf 5020 kHz im Tropenband wie jeden Morgen die religiöse Sendung. (Christoph Ratzer via A-DX)
5025.00	Nov21	0330	R Rebelde, Bauta Spanish ann, nice Cuban songs - back on ordinary signal. (AP-DNK)
5040	Nov26	1455	AIR Jeypore Odisha, local music (Mauro Giroletti)
5050.00	Nov25	2320	Beibu Bay R, Nanning Chinese debate with musical interludes. (AP-DNK)
5060.00	Nov20	1535	Xinjiang PBS, Urumchi Chinese talk with music in the background, Chinese songs. // 3950. (AP-DNK)
5060	Nov26	1435	Xinjiang PBS Urumqi, local programme (Mauro Giroletti)
5910	Nov29	0332	Alcaravan Radio, Religious talks, fair (Bernardini)
5910.05	Nov28	0400	Alcaraván R, Puerto Lleras Spanish ann, Colombian pop song. (AP-DNK)
5925.00	Nov25	2330	Voice of Vietnam 2, Xuan Mai Vietnamese talk - again audible! (AP-DNK)
5950.00	Nov26	0410	Voice of the Tigray Revolution, Addis Ababa. Tigrinya news, 0412 Horn of Africa song about democracy, talk. (AP-DNK)
5975.00	Nov25	2335	Voice of Vietnam 1, Son Tay Vietnamese talk mentioning Vietnam, not //5925. // 7435 (AP-DNK)
5985	Nov23	1545	Myanmar Radio. VOA Special English show about Christian singer Be Be Winans and played some of his music; very readable; mostly fair. Full transcript and audio streaming of today's show is at <a href="http://goo.gl/givG6D">http://goo.gl/givG6D</a> (Ron Howard, Calif., USA)
5985.00	Nov25	2340	Myanma R, Yegu Bamar talk by man and woman, song. Splashes from 5990 (AP-DNK)
5985	Nov29	0032	Myanma Radio, Yegu, Myanmar, talks international reports, good (Bernardini)
6003	Nov21	2147	Echo of Hope End of pleasant song and then KR tlk by lady anncr at 2142. Rock-like song at 2147. Didn't appear to be jammed, but 6015 was. (Valko.)
6015	Nov29	0338	Zanzibar BC, talks, Religious, fair QRM China (Bernardini)
6030.00	Nov25	2350	Thazin R, Pyin U Lwin Bamar talk. (AP-DNK)
6030.00	Nov26	0420	R Oromiya, Adama, via Geja Jewe. Oromo talk, song interlude and radio theatre. (AP-DNK)
6035.0	Dec4	0225	BBS Bhutan. Heard in New Delhi, India remote Perseus post at 0225 UT Dec 4, listen to enclosed short recording piece. String instrument played around 0215 - 0220 UT. S=7-8 or -74dBm signal in Delhi. Lady and male presenter, talked to lady on phone-in line. (73 wb df5sx)
6049.993	Nov23	1315	RTM Kajang. and at 1315 UT heard also RTM K-L Kajang FM radio relay on odd

			6049.993 kHz in remote Sri Lanka SDR unit. Co-channel underneath CNR from PBS Xi-zang Lhasa-Baiding #602 tx site in Chinese on even 6050 kHz. (wb df5sx, wwdxc BC-DX TopNews Nov 23)
6050.00	Nov28	0425	HCJB, Pichincha Spanish ann, Ecuadorian flute. From *0430 QRM AWR in French on 6045 (AP-DNK)
6070.00	Nov27	1010	Channel 292, Rohrbach German special DX-programme celebrating the foundation of RIAS, Berlin, on 6005 kHz 70 years ago. HAM news. (AP-DNK)
6110	Dec1	0520	R Fana Addis Ababa, music local (Mauro Giroletti)
6110.02	Nov28	0430	R Fana, Addis Ababa Oromiffa ann, nice songs. (AP-DNK)
6115	Nov24	0431	Pop music at S5 --- could it be R. Nikkei 2 already? Yes! It's // 9760. Only 1331 JST. Then I check 6055 for R. Nikkei 1 and Japanese talk is there too at same level // 9595. But not yet propagating on 75m. However, by 0456 UT I am getting JBA carriers on 3945 and 3925, before 1400 JST. Nagano sunset would not be until 1634 JST = 0734 UT, but it's plenty dusky along the Arctic great circle path (Glenn Hauser, OK)
6134.8	Nov21	0210	Now it's pretty clear that the roar is centered here from Radio Santa Cruz malfunctioning transmitter, rather than the JBA carrier on 6135.2 from R. Aparecida (Glenn Hauser, OK)
6135	Nov23	1556	Voice of Freedom (clandestine). Scheduled to be off between 1500-1600; choral National Anthem; time pips (3+1); into Korean programming; first time I have heard their sign on; heard through the usual white noise jamming (Ron Howard, Calif., USA)
6145	Nov27	1953	Radio Mi Amigo via Yerevan/Gavar, pop music, English, comments, identification: "Radio Mi Amigo International". 45444. (Méndez)
6159.96	Nov29	1035	CKZN. The good news with Vancouver (CKZU) currently off the air is that this station can now be heard in the clear; heard 1035-1050 & 1129-1200; local times given, saying was the "same for most of Labrador," but I note was not the time in St. John's; local weather; school closures; sports scores; "part one" about the documentary "Power of the Sweatlodge"; story of a man trying to get help for his wife, but mental health facilities in "Labrador West" are not good; reception poor-fair. Very nice to hear them at a decent level for a change here on the west coast! (Ron Howard, Calif., USA)
6165.00	Nov25	2355	Thazin R, Pyin U Lwin Chin ann, songs. QRM 6175 (AP-DNK)
6180.04	Nov28	0340	R Nacional da Amazonia, Brasilia, DF Portuguese programme "Madrugada Nacional" with nice Brazilian music and phone-in's. (AP-DNK)
6180.095	Nov29	1815	One of the four Al Dhabbaya transmitters, but always odd fq, S=9+15dB noted at 1815 UT on Nov 29, on eastern Thailand remote SDR unit. BBC Somalia service 1800-1830 UT. (wb df5sx, wwdxc BC-DX TopNews Nov 29)
6185.00	Nov21	0340	R Educación, Ciudad México Spanish talk. splashes from Brazil on 6180. (AP-DNK)
6190.00	Nov19	1035	Hamburger Lokalradio, Göhren German conversation and music. (AP-DNK).
6325	27.11	1240	R Black Lake was playing Rolling Stones and Eagles. DO
7119.999	Nov29	1515	Somali ham radio band intruder heard at S=9+35dB signal strength. BBC Somali program (wb df5sx, wwdxc BC-DX TopNews Nov 29)
7120	Nov22	1310	R. Hargeisa 1308 M annr and a couple mx bridges around 1310, then long tlk by M. Mx at later 1338 recheck. Surprised to get this much audio from them considering their latest status. No sign of 7180 or 7146.56 VOBME today. (Valko)
7120	Nov29	0342	Radio Hargeisa, many ids by different speakers, fair (Bernardini)
7120	Nov29	1820	R Hargeisa, local music and talk local (Mauro Giroletti)
7145.5	Nov25	1545	Voice of the Broad Masses of Eritrea 1 Asmara-Selea Daro, music local (Mauro Giroletti)
7146.557	Nov29	1530	Noted proper VOBME 1 Asmara Eritrea signal when tuned into 41mb around 1530 UT on Nov 29, V.O. the Broad Masses of Eritrea 1, Asmara, S=9+35dB signal on remote SDR unit at Doha Qatar ME. Covered by 27 kHz broadband WHITE NOISE JAMMING from Gedja Jawe site in Ethiopia, on 7132 to 7159 kHz signal width. And also caught the other one VOBMEritrean Asmara Dimtsi Hafash on 7174.991 kHz at S=9+30dBm signal level at 1535 UT on Nov 29, HoA music played in performance, string instruments played. When checked both VOBME Asmara outlets, noted Ethiopian noise jamming of 22 kHz bandwidth on 7164 to 7186 kHz. S=9+30dB noise signal strength heard in Doha Qatar ME remote posts this afternoon. Both Asmara Eritrea bcasts end at 1833 ... 1834 UT daily. (wb df5sx, wwdxc BC-DX TopNews Nov 29)
7175	Nov29	1815	Voice of the Broad Masses of Eritrea 2 Asmara-Selea Daro, music local (Mauro Giroletti)
7180.0	Nov24	1428	VOBME 2, brief check at 1428, found them with fair reception; with 7146.55 (VOBME 1) being off the air (Ron Howard, Calif., USA)
7235.775	Nov29	1545	... wandered up and down to x.787 kHz, Ethiopian radio at S=9+25dB signal strength heard on Doha Qatar remote unit at 1545 UT. (wb df5sx, wwdxc BC-DX TopNews Nov 29)
7259.95	Nov28	1403	R. Vanuatu. Announcers in vernacular playing pop Pacific Islands songs and C&W songs ("Colder Weather" sung by Zac Brown Band, etc.); sounded like promo for "Voice of Bong Yumi"; some ads; 1420 several clear "Radio Vanuatu" IDs; one of their better receptions; no China QRM, but slight ham QRM; my sunrise was at 1459 UT. (Ron Howard, Calif., USA)



7330	Dec1	0413	tune-in, it's the YHWH guy, at S8 but deep fades. His imperious no-nonsense voice is easily recognized, and occasional references to Yahweh (Yahway?) confirm the source. It seems that around 0400 UT on the 7 MHz expanded-broadcast band is his most active time; I previously heard on 7410, and by Ron Howard also on 7335. No reports yet of any other times or any other frequencies. Mostly unreadable but I keep tuned and check periodically, finding him still going at 0426, 0450, 0500; 0522 coming in better, saying there is no independent historical record that J. C. even existed, only in the fables of the New Testament. Still at 0550, but off by 0558. So maybe on for about two hours, rather than one. ----- Ron Howard monitored a previous broadcast closely and found that IDs as ``Station YHWH`` had been edited out of his recorded sermons. Possibly attempting to distance himself from the ``station`` already busted by the FCC a couple years ago, but it's obviously all the same, so I am going to continue to refer to this as [Station YHWH] until and unless he come up with another new name (Glenn Hauser, OK)
7345	Nov27	-0500*	Radio Sakha, via Yakutsk. Clearly // to very weak 7295; at 0452 the usual "Radio Sakha" ID, followed by the normal series of ads; EZL song till IS (Jew's harp) and time pips (3+1); QRN (static) (Ron Howard, Calif., USA)
7410	Nov27	0313	switched back to <b>7410-AM</b> , religious pirate (formerly known as "Radio Station YHWH"), ex: 7335-AM. Nov 27 (Sunday) with identical programming as I heard Nov 25 (Friday) on 7335-AM, except today was running three minutes later than my 25th reception; 0313-0342 mostly poor reception, but then a dramatic improvement at 0342 through to 0420*. There is no mistake about it, "Joshua" has deleted all references to "Radio Station YHWH," which he used in the past to ID his station. Today at 0357, the previously recorded program said "Thank you for tuning into" and the station ID was definitely deleted from the recording; my audio of this is at <a href="http://goo.gl/xLHp8b">http://goo.gl/xLHp8b</a> (Ron Howard, Calif., USA)
7454	Nov 21		R.T.I.?? TAIWAN?? Hrd pgm of nothing but tlk by M host and others in apparent CH fromn 1337. Suddenly went off at 1355:10 in mid-sentence. Odd being on this not listed off-freq. Weak and fady and not jammed. Hrd strong and clear on a SDR.hu web rx at Freemans Reach, Australia which sounded //7385 RTI under CNR1 jammer. No sign of RTI on 7454 today Nov 22. Yesterdays xmsn must have been a mistake. (Valko)
7480	Nov21	1835	R. Payem e-Doost (relay) 1835 long tlk by W in apparent Farsi w/roomy echo. 1844 instru. mx w/different W, then could hear the W but couldn't catch the ID that I heard on the SV3EXP (Greece) KiwiSDR web rx. Fanfare and off at 1845:14. Quick QSB but not bad on peaks. (Valko)
7504.88v	Nov24	0414	WRNO is S9+25 to 45, YL spelling out Fort Worth address in English, back to Chinese. Frequency keeps varying as I try to measure it, as it always has since last reactivation months ago (Glenn Hauser, OK)
7520	Nov22	1243	National Unity R. (relay) Found with readable signal at around 1243 w/rel. pgm of M w/KR interpretation of EG soundbites. Also some laughing once or twice. Went right over the ToH w/pgm. "Most of the time it didn't work" at 1251, "Everyone was very surprised about these people" and "The UN Forces did not start this group" at 1254. "They were not the founders of the White Tigers group". "To be a Christian is always being behind enemy lines". Went right over ToH with the pgm. (Valko, 22 Nov.)
9515	Nov24	2110	R Marumby Curitiba, local "30 grados" (Mauro Giroletti)
9650	Nov27	*0559-	Radio Guinea Conakry, music, French, identification, comments, (Méndez)
9665	Nov24	2055	R Voz Missionária Camboriú, program rel+music " Voz Misionaria...9665 kilohertz.." (Mauro Giroletti)
9724.9	Nov24	2100	Radio RB2 B Curitiba, local ID "do Brasil" (Mauro Giroletti)
9774.0	Nov29	-1300*	Fu Hsing BS (presumed). Extremely rare to catch them on this frequency! in Chinese with some music; at times below threshold level audio (but still open carrier); carrier went off at 1300*, conforming to their schedule. Their other 9410 blocked by CNR5, so unable to confirm // (Ron Howard, Calif., USA)
9835	Nov23	0501	RTM K-L Kajang sce, proper S=9 signal, 10 kHz wideband signal, at 0501 UT Nov 23 nice audio. (wb df5sx, wwdxc BC-DX TopNews Nov 23)
11665	Nov23	0510	RTM K-L Kajang sce, proper S=9 signal, 11.6 kHz wideband signal, at 0510 UT Nov 23 nice audio, nx in BM language. Present LUFTHANSA pilot personell strike item heard. (wb df5sx, wwdxc BC-DX TopNews Nov 23)
11764.7	Nov24	2045	Super R Deus é Amor Curitiba, program rel + music (Mauro Giroletti)
15345	Nov29	2030	RAE. Program in I "RAE Argentina al mundo presenta ..." (Mauro Giroletti)
15370	Nov29	2040	R Habana, Bauta, program in F music "comandante.." (Mauro Giroletti)

Checked some South East Asian outlets on eastern Thailand remote SDR unit on Nov 30 around 1320 to 1445 UT slot. Thanks Uwe ...

- 3324.998 INS SUPRISINGLY South East Asia music station, most likely RRI Palangka Raya, S=7 signal strength at 1432 UT, Listen to attachment MP3 file recording.
- 3344.862 INS Peak visible only S=4 under threshold level, probably RRI Ternate, 1422 UT on Nov 30.
- 3944v nothing noted here, neither Vanuatu nor R Nikkei 2.
- 4010.220 KGZ Radio Birinchi Kyrgyz Radio, probably Uighur scheduled language as scheduled, S=8 signal at 1423 UT on Nov 30. Since many days, nothing heard anymore on \ 4819v kHz.
- 4749.991 CHN CNR 1st program from probably Hailar, Nei Menggu, \ Geermu 4800 kHz, Chinese S=7 signal at 1417 UT on Nov 30. Nothing observed from Bangladesh or Indonesia here.
- 4765.069 TJK Dushanbe Tajik Radio. Something must be technically wrong these past weeks there. On Nov 27-28 heard a much strong - technically distorted audio signal on odd fq of +68 to +69 Hertz fq oddity. Never observed before from this technically reliable bcst center. Dushanbe-TJK 7245 kHz seems even and in good audio condition these days. I guess only an older USSR era TX is in alternate use these days in 60 meterband on 4765v kHz. Only S=4-5 signal noted in eastern Thailand.
- 4799.996 IND AIR Hyderabad Telengana, at 1400 UT, and co-channel 4800even CHN CNR 1st program from Geermu #916 transmission center, equal S=9+25dB signal strength. 1405 UT.
- 4809.997 IND AIR Bhopal, Madhya Pradesh, Hindi language program, S=9+20dB at 1358 UT, nice audio modulation, seldom in India, one of the MUCH BETTER AUDIO SIGNALS in South Asia.
- 4835 IND Both equal fq of AIR Gangtok, Sikkim, and usual strong AUS ABC Alice Springs, NT program in English. S=8-9 strength. 1356 UT on Nov 30.
- 4870.363 odd IND AIR Nepali sce from Kingsway site(?), S=9+20dB, heard at 1352 UT, but LOW MODULATED. Backlobe into Thailand receiving post.
- 4894.995 IND AIR Kurseong, Hindi language sce, at 1320 UT on Nov 30, S=9+15dB in remote SDR eastern Thailand location. same signal strength, BUT VERY LOW AUDIO MODULATION though on 4970.016 IND AIR Shilong program, much fluttery signal at 1330 UT.
- 4910.002 IND AIR Jaipur, Rajasthan, S=9 program at 1350 UT on Nov 30.
- 4920 -both even frequency, AIR Chennai, Tamil Nadu-IND aligned and CHN Xizang PBS, Lhasa, Tibet \ 4905 kHz from Lhasa-Baiding #602 transmission center, both equal signal strength. Phone-in program in Tibetan from Lhasa-Tibet, but Hindi male presenter from Chennai. Bad two signals mixture.
- 4950.012 IND AIR Srinagar, at 1342 UT, S=7 only.
- 5009.997 IND AIR Thiruvananthapuram, Chennai, Muttathura, Kerala, Hindi sce at 1340 UT, S=9+5dB in eastern Thailand.
- 5040.002 IND AIR Jeypore in Hindi, subcontinental singer and SoAS string instruments. 1333 UT on Nov 30, but suffered by adjacent extreme WIDE SIGNAL of 29.2 kHz broad band on 5050even CHN Beibu Bay Radio, Nanning #954 tx site, Gungxi, S=9+40dB powerhouse and MUCH OVERMODULATED AUDIO SIGNAL, 2 x 14.6 kHz broadband, Chinese pop mx played and Vietnamese language annmts in between. 1336 UT Nov 30.

(wb df5sx, wwdxc BC-DX TopNews Nov 30))

### Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR&DXLD) Ron Howard, San Francisco at Ocean Beach, CA, USA Manuel Méndez, Lugo, Spain Mauro Giroletti, Italy	AP-DNK, Anker Petersen, Skovlunde, Denmark Thorsten Hallmann, Münster, Germany Dave Valko, Dunlo, PA, USA Giampiero Bernardini, Milan, Italy DO, Dan Olsson, Furulund, Sweden Christoph Ratzer, Salzburg, Austria via A-DX
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## Station news

**MADAGASCAR.** Noted also **Radio Madagasikara Antananarivo** with rather poor S=4 signal around 2020 UT on Nov 25, probably stn closed at 2034 UT ?

Noted on **5011.952** kHz, but wandered speedy 10 - 20 Hertz up and down, and settled at 2029 UT on 5012.010 kHz varying.

*Often featured in DXpress:*

Radio Madagasikara Antananarivo unit is a 'present' of the German Public Broadcaster SWR Baden-Baden (formerly SWF Suedwestfunk) Rohrdorf Germany, formerly 7265 kHz 20 kW.

Original 100 kW {2 x 50 kW units} TX built up by Siemens Vienna branch, Austria, delivered to SFB Berlin program on Radio Bremen relay site - back - towards GDR audience on 6190 kHz frequency. TX power necessity: decreased to 20 kW (consist two separate 20 kW units). TX unit moved to SWF Rohrdorf in southern Germany after collapse of

communist GDR in the nineties, a new Quadrant Cross Dipole antenna erected there in 1993 year ?

development assistance - foreign aid:

Approx. 2004-2005 dismantled SWR Rohrdorf 7265 kHz installation, the TX sent as 'foreign aid present' to Madagascar Madagasikara Antananarivo, nominal requested 5010 kHz channel, but always frequency varying, wanders around in 5009 to 5013 kHz range. (wb df5sx, wwdxc BC-DX TopNews Nov 25)

**MONGOLIA:** re 4830 früher MR 2nd px, Japanische NEC Transmitter, bis November 2011 immer berichtet.

Hier aus dem dswci DXW ein Bericht von Maarten van Delft aus Holland, der die Mongolei im August 2004 besuchte: During a recent visit to the Mongolian Radio Transmitting Centre at Khonkhor, 30 km east of Ulan Bator, the director, Mr. Gantumur Tumurbataar, told me that the domestic SW tx upgrading project, funded by the Govt of Japan, has been completed. New antennas and NEC txs were installed at Ulan Bator-Khonkhor 7260 (50 kW), Altay 4830 (10 kW) and Murun (or Moron) on 4895 (10 kW). Sainshand (4865) will be switched off for good in September after which the three mentioned SW stations will be the only ones to cover the country.

so sieht es dort aus: <http://www.panoramio.com/photo/13265416>

die Masten der Dipol Steilstrahlantenne südöstlich vom Senderhaus und 990 kHz MW Antenne bei

<https://goo.gl/maps/DWbWQHRqGfx>

Altay 4830 war hier meist etwas schwächer einfallend, als Murun 4895 kHz.

(wb via A-DX)

## Other radio news

### News bulletin in "DX-Window no. 569".

#### Tropical Bands Monitor

Owners of our Domestic Broadcasting Survey No. 18, please note that [www.dswci.org/tbmonitor](http://www.dswci.org/tbmonitor) was updated with the October worldwide loggings on November 01, as an extra service to their purchase. Any DX-er can download from <http://www.dswci.org/tbm> the complete view of monitoring of stations heard broadcasting on tropical bands during 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 and 2015. (Ed)

#### Special DSWCI broadcasts in 2016.

In Kalundborg DSWCI-member Robert Kipp made recordings to special DSWCI broadcasts, which are scheduled:

1. Two one hour broadcasts via SLBC, Trincomalee, managed by Victor Goonetilleke:  
Saturday, December 03 at 1930-2030 UTC on 9715 kHz at 350 degrees with 125 kW to Europe.  
Sunday, December 04 at 1000-1100 UTC on 11730 kHz to Japan, Asia and Australia.
2. Ten 30 minutes broadcasts via WRMI, Okeechobee, Florida, managed by Jeff White:

##### *PART ONE*

2300 UTC Saturday, December 03 5850 kHz to North America (especially Central and West)  
2330 UTC Saturday, December 03 11580 kHz to Eastern North America ( and Europe )  
2030 UTC Sunday, December 04 11580 kHz to Europe ( and Eastern North America )  
2300 UTC Sunday, December 04 5850 kHz to North America (especially Central and West)  
0230 UTC Monday, December 05 9955 kHz to the Caribbean, North and South America

##### *PART TWO*

2300 UTC Saturday, December 10 5850 kHz to North America (especially Central and West)  
2330 UTC Saturday, December 10 11580 kHz to Eastern North America ( and Europe )  
2030 UTC Sunday, December 11 11580 kHz to Europe ( and Eastern North America )  
2300 UTC Sunday, December 11 5850 kHz to North America (especially Central and West)  
0230 UTC Monday, December 12 9955 kHz to the Caribbean, North and South America

Note that the Monday transmissions on 9955 kHz are actually Sunday evening in the Americas.

3. One one hour broadcast via Noratus / Gavar, Armenia, managed by Harald Gabler:  
Saturday, December 17 at 2000-2100 UTC on 6145 KHz (305 degrees / 100 KW).

Rhein-Main Radio Club ( RMRC ) in Germany has agreed to reply to ALL reception reports for the special DSWCI broadcasts from WRMI and from Sri Lanka. The RMRC publish a special QSL-card for your reception report.

PLEASE send all E-mail-reception-reports to: [mail@RMRC.DE](mailto:mail@RMRC.DE)

PLEASE send all reception reports by regular POST to: RMRC, Postfach 70 08 49, D-60558 Frankfurt / Main, Germany

Good luck listening RMRC-managing board.

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The first broadcast of the special 'good-bye program' (Dec 3) is received well from Sri Lanka, although another station is in the background. 9715 kHz 1930-2030.  
(73, Erik Koie, Copenhagen via DXLD)  
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5850, Dec 3 at 2300-2329, Part I of the DSWCI farewell special, comes off without a hitch on WRMI, usual VG signal on this channel; comments by Anker Petersen et al., recorded at their final AGM in October, explaining why club is being disbanded at yearend due to leaders in their 70s ready to retire and no younger blood to take over. Another club, which continues, RMRC, handled this production, and host explains two or three times how to QSL: Report NOT to the stations carrying it but to their own addresses. Part II is to air one week later at same time (and four others on WRMI). Part I to repeat immediately at 2330 on 11580, unchecked here but heard in Argentina by Arnaldo Slaen (Glenn Hauser, OK, DX LISTENING DIGEST)

## SDR software news

Greetings again from near Seattle!

Here is some SDR software news that may be of interest as an item for the Short Wave Bulletin.

Good DX to you from your part of the globe,  
(Guy Atkins, Puyallup, WA)  
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UK based SDRPlay have released a version of the free SDRuno software (ex-Studio 1) which now offers a **2.5 MHz maximum bandwidth** specifically for non-RSP hardware. A very limited bandwidth version previously existed for EXTIO compatible receivers such as the FDM-S2, Perseus, Afedri SDR-Net, but the user could not record a wider range of frequencies (such as the entire MW range, or the 90mb-75mb-60mb combo) to hard drive. This new version with expanded coverage to 2.5 MHz removes this limitation.

However, development of SDRuno for non-SDRPlay receivers is now "fixed" at SDRuno version 1.05 and will not be developed further. That's a shame, as new version 1.1 for the RSP hardware includes some nice additions like automatic frequency calibration and automatic S-meter calibration. Here's the new release notes:

[http://www.sdrplay.com/docs/SDRplay\\_SDRuno\\_Release\\_Notes.pdf](http://www.sdrplay.com/docs/SDRplay_SDRuno_Release_Notes.pdf)

The enthusiast-written SDRuno Cookbook (<http://www.nn4f.com/SDRuno-cookbook.pdf>) contains setup information and many operational tips for using SDRuno, including the new (and final) version 1.05 for EXTIO receivers. The SDRuno Cookbook mentions that the "CSVUserlistBrowser" package works fine with SDRuno and has full setup information.

This is mostly geared toward HF, but the available frequency databases cover medium wave too. If you integrate CSVUserlistBrowser, you'll have a very quick look-up file for potential stations when you set it up to "track" your tuning from the SDRuno software.

Lastly, a few months ago the author of some useful plug-ins for the SDR Sharp software ported many of them to SDRuno, including a **full featured recording scheduler!** Check this out: <http://www.freqmgrsuite.com/2016/07/24-july-2016-fmsuite-for-sdruno-is-now.html> and <http://www.freqmgrsuite.com/2015/06/scheduler.html> For Studio 1 owners like me who have waited for a recording scheduler tool that never appeared, the chance to add a scheduler plug-in to SDRuno is the next best solution. **Alternatively, a DXer can use the scheduler built into HSDR software and then play the WAV files back in Studio 1, as the files are compatible.**

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(Guy, thank you very much for sharing this information with us. /TN)  
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## SVT1 program Sverige idag

I slutet av detta program häromdagen dök en fin bild upp signerad Lennart Deimert. Skickade såklart en liten hälsning till honom att jag sett denna och garatulerade till införandet.

I ett trevligt mail i retur säger Lennart:

*Ha ha, tackar och bockar. Ja, det ÅR roligt att komma med i TV. Och visst är det lite prestige i familjekretsen .... Jag har haft med bilder förut. Men det gäller också att ha lite tur. Mest är det bilder från havsbanden och fjäl- len. Sällan från inlandet då det vanligtvis är ganska ointressant väder.*



*Sjöbilden tog jag i tisdags då jag var ute och körde amatörradio i naturen. Båten på kanalen är nog ca 3 år. Den kom också med.*

Bästa hälsningar  
Lennart Deimert

Bild 6 av 127

Foto: Lennart Deimert

En bild från Göta Kanal från sjön Boren i Borensberg på sin väg till Stockholm.

## Peruanische Briefmarke zu Ehren von Radio Nacional del Peru



(Klaus Puth via A-DX Fernempfang)



Also have to show you the nice building where Radio Nacional del Peru resides. The building, which resembles an Art Deco radio, was inaugurated on January 30, 1937. (ref. John Meckley on the web)

## En kubansk radiolyssnare som höll på att bli DX-are men som i stället blev diktator

**Han hette Fidel.** När han gick i ortens jesuitskola gillade han att lyssna på utländsk radio men i stället för att skriva rapporter gick han ett steg längre. Han kunde väl tipsa presidenten Roosevelt om att det fanns mycket järnmalm att hämta där han bodde. Det behövdes väl en hel del till USA:s krigsflotta kanske. Fidel skulle gärna ställa upp som guide. Kunde han inte få en dollarsedel som tack för tipset? Brevet besvarades - dock inte av presidenten själv - och i svaret skrev en funktionär i State Department att man inte kunde skicka några pengar. Det kan ha gjort den kubanske skolgossen besviken.

Tjugo år senare skulle scenariot vara helt annorlunda. Den unge mannen var nu USA:s svurne fiende och beredd att ge igen för gammal ost.

Fidel Castros brev från 1940 finns i Library of Congress och återges idag i en argentinsk webbtidning, Infobae.com (och dessutom på min facebook-sida, med en längre kommentar på svenska). Det publicerades också för nästan 30 år sedan av den spanska nyhetstidskriften Cambio16 som förmodligen uppmärksammat det tack vare José Pardo Lladas bok "Fidel. De los Jesuítas al Moncada" utgiven av ett spanskägt förlag i Colombia 1976.

Tio år senare, då jag uppehöll mig i Cali, lyssnade jag ofta på hans dagliga pratprogram "El mirador del aire" (skvaller om sport, nöjen och politik) på dåvarande Radio Pacífico, 1030 kHz, i Cali.

(Henrik Klemetz via NORDX)

*More info on: <http://www.infobae.com/america/eeuu/2016/11/27/la-carta-que-fidel-castro-le-mando-al-presidente-roosevelt-cuando-tenia-14-anos/> /TN*

**Från Henrik Klemetz Facebooksida:** När Fidel var 14 år skrev han ett tiggarbrev till den amerikanske presidenten Roosevelt. Svar anlände från en funktionär i State Department som tackade för brevet men beklagade att man inte kunde skicka Fidel några pengar. Brevsvaret sattes upp på skolans anslagstavla under en tid berättar Luis Aguilar León, en av hans skolkamrater. Anekdoten återges av José Pardo Llada i boken Fidel. Desde los Jesuítas al Moncada" som utgavs i Colombia 1976. Pardo Llada som journalist och i radio och TV valdes 1950 till kongressledamot för ett parti som stod i opposition till Batistaregimen. Han gick samman med Fidel utsågs senare till speciellt sändebud för den nya regimen och reste tillsammans med "Che" Guevara i Europa, Afrika och Asien. I oktober 1960 deltog han i den kubanska delegationen till FN som leddes av Castro själv. Kort tid därefter bröt han med Castro och reste efter ett kortare uppehåll i Mexiko till Colombia där han under många år arbetade som journalist i press och radio i staden Cali. Han var också under kortare tid Colombias ambassadör i Norge och Dominikanska republiken. Pardo Llada dog för halvtannat år sedan. (Henrik Klemetz via Facebook)

## New in the Russian legislation.

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Moscow. 23 November. INTERFAX.RU - Russian officials will be obliged to April 1, 2017 to inform employers about their accounts in social networks, blogs and forums, said Wednesday the newspaper "Izvestia".

According to the newspaper, the reason for the mandatory report was entered into force on 1 July 2016 Art. 20.2 of the Law "On State Civil Service", which obliges officials to report, in which social networks and forums on which they are present and under what names.

According to the newspaper in the Ministry of Labor, acting civil servants who wish to obtain such a post would have to provide information about sites on which they are placed publicly available information and data, allowing them to identify, for example, a photo, name and surname.

If you forget to tell the officer about any account, it will be considered as a representation of inaccurate and incomplete information and involve dismissal. At the same time civil servants who do not use social networks and blogs, must be in writing to inform the management.

No report on the activities of the network, is believed in the Ministry of Labor, the officials will be able, if the publicly available information housed in the execution of official duties, for example, in the official account, the state agency or department spokesperson.

Interviewees "Izvestia" the staff of ministries and departments were told that they have not collected data on accounts in social networks, because it is unclear in what form should provide such information. The newspaper said that the proper form of already prepared in the Ministry of Labor, and later it will approve the government.

Ministry of Labor notes that while the report on its internet activities can be submitted in any form, and state agencies is recommended once a year to carry out security checks in respect of civil servants.

As explained to the newspaper in the Ministry of Labor, the main purpose of innovation is to "ensure compliance with the rules of civil servants professional ethics." (<http://www.interfax.ru/russia/538162>)

(RUS-DX # 900 Anatoly Klepov)

## WSPR(Whisper)

**WSPR (whisper) er en for meg ny gren innen DX-ing, og litt artig å utforske.** WSPR står for "Weak Signal Propagation Reporter" og radioamatørene bruker svært lave effekter, typisk 1-5 watt, gjerne ned til 0,1 watt. Min KiwiSDR har innebygget dekoder for WSPR, og overvåker 160 og 80 meter kontinuerlig med 310-beveren. Mer om WSPR her:

[https://en.wikipedia.org/wiki/WSPR\\_\(amateur\\_radio\\_software\)](https://en.wikipedia.org/wiki/WSPR_(amateur_radio_software)) De siste par nettene er følgende NA-stasjoner registrert på 160-meteren:

Call	QTH	Watt	Distanse
VE7KPB	Cranbrook BC	5	6346
KD6RF	Gilmer TX	5	7754
AA3GZ	Doylestown PA	100	6299
K9AN	Urbana IL	2	6719
W1IR	Milton VT	10	5789
W8AC	Chardon OH	5	6366

(Bjarne Mjelde via DX Listeners' Club Facebook)

## Horizontal Pennant Antenna

Living in a dense suburban area, I've been very frustrated with the amount of local noise on 60 and 90 meters in particular, even with a pennant antenna. After reading about several alternatives and trying a couple, I finally put up a horizontal pennant. Results are very good: just now I'm enjoying good audio from Radio Nacional de Angola on 4949.73 (pop music to 0100, then time pips and news about the death of Fidel Castro). Haven't gotten much usable audio from them for several years! Earlier, I had decent audio from what I presume to be Beibu Bay Radio on 5050, with China-style time pips at TOH; never heard usable audio from them on 60M before.

The pennant and flag antennas were designed as verticals to be used by amateur operators on 160M. According to those who know better than I do, there is very little horizontally polarized signal on 160M, so the antenna was designed to be vertical, even though that meant it would pick up more local noise, which is mostly vertically polarized. But from about 90M on up in frequency, these same folks say there is plenty of horizontally polarized signal available.

My horizontal pennant is only about 15 feet off the ground, same height as the feed point of my vertical pennant. I use a DX Engineering pre-amp located at the antenna, and protect the coax feedline at both ends with 31-material chokes. With that set-up, the noise at the receiver reads about 1/2 S-unit, down from about 3 S-units.

Next step is to reorient my northwest-facing pennant to horizontal polarization.

So if your local noise is bad enough, and you have the necessary trees, try a horizontal pennant. Glad to answer any questions for anyone who wants to try this.

For starters, check out the website below. One of the first items is "Basic Pennant Description." I just followed that design, but turned the whole thing on its side instead of vertically. The tricky part is the impedance matching transformer: I had a couple of them lying around, and I can't tell you what core material I used. Probably if you browse around the different items on the website, one of them will tell you. I used a ratio of 28 turns on the antenna side and 7 turns on the coax side, for a 4:1 turns ratio or a 16:1 impedance ratio. Seems to work!

The DX Engineering pre-amp is the RPA-1. Note that they sell two nearly identical preamps, the RPA-1 and the RPA-1 Plus. Both come from the factory configured to be located in and powered in the shack. The RPA-1 can be easily reconfigured to be located at the antenna and powered through the coax. I don't know if the RPA-1 Plus can be reconfigured that way; I asked DX Engineering that question on Friday night, but I haven't heard back yet. To power the RPA-1 through the coax, you need a box that applies DC power through the coax, has a capacitor to keep that DC power out of your receiver's antenna connection, and has an RF choke to keep your antenna signal from going into the power supply (hope that's clear!)

In a noisy location, the coax shield can pick up a lot of trash and carry it into the shack. I use chokes on both ends of the coax made of Fair-Rite #31 material. They have two large torroids available made of 31 material. One is a solid loop; the other is a snap-on choke (very handy, but heavy). In either case, you need eight turns of RG-58 through the center to get the full benefit. I started with just a choke in the shack, but I found that if I didn't also put one close to the antenna, there were a couple of S-units of extra noise coming in on 60M. Look on the internet for a piece by Jim Brown, K9YC, called "A Ham's Guide to RFI, Ferrites, Baluns and Audio Interfacing." It has a lot of great information on using these chokes and other approaches to eliminating noise in the shack.

It may be overkill, but I also use a line isolator between the antenna and the pre-amp, just to make sure that the pre-amp and the antenna line are not part of the antenna. (The line isolator is from Radio Works. I think they're somewhere in Virginia; I see them at local hamfests and buy my line isolators there, but you can probably find them on-line.) So at the



antenna, the order of things is antenna, impedance transformer, line isolator, pre-amp, and #31 material core on the coax. I used an extendible carbon fiber mast to support the mid section of the straight portion of the antenna. Otherwise, all that stuff is just too heavy to hang in free space.

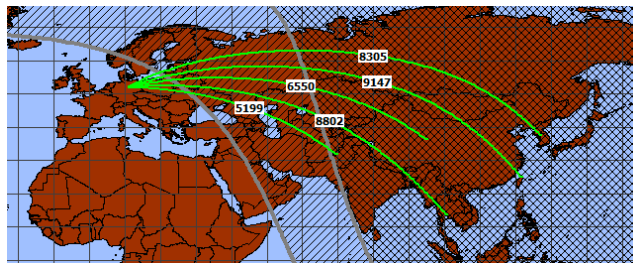
Hope this helps. Feel free to ask any questions along the way.

Regards, Art Delibert, KB3FJO

See <http://www.angelfire.com/md/k3ky/page37.html>

### [A-DX] Nils Schiffhauer: Mittelwelle aus Asien

Nils Schiffhauer hat sich mit dem Abenteuer Mittelwelle beschäftigt und schöne Asien Mitschnitte auf seiner Webseite gesammelt. <https://dk8ok.org/> 73 Christoph Ratzer via A-DX



### Special SDXF program.

**SDXF specialprogram** på kortvåg i december och januari

Nu är det dags för SDXF:s specialprogram på kortvåg igen. Vi sänder över Radio Channel 292 på 6070 kHz. Vi sänder vid följande tider:

Annandag jul 26 december – 0700-0800 UTC (0800-0900 Svensk tid)

Med repris följande dagar och tider:

Nyårsdagen 1 januari – 1700-1800 UTC (1800-1900 Svensk tid)

Trettondedag jul 6 januari – 1700-1800 UTC (1800-1900 Svensk tid)

Lyssnarrapporter sänds som vanligt via e-post till [gsl@sdxf.se](mailto:gsl@sdxf.se) eller via vanlig post till Sveriges DX-Förbund, Box 1097, 405 23 Göteborg.

(<http://www.sdxf.se/WP/>)

### Några brevhuvuden från Kennth Oloffsons samling

R America 3240 kHz from 1971 (Kenneth Olofsson), R Atlantida 4790 kHz from 1972 (Kenneth Olofsson), R Quillabamba 5025 kHz from 1973 (Kenneth Olofsson)

(JOE, John Ekwall)

Tack JOE för inskanning. /TN

