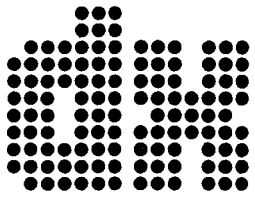


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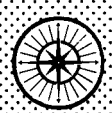
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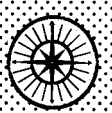
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newstime



WORLD WIDE DX CLUB



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DX MAGAZINE No. 8/9 ■ Vol. XLVII ■ August/September 2012

Hello again,

Welcome to the annual summer double issue of our DX MAGAZINE. Like in the past years you will find our normal monthly sections, some articles, and our annual "List of Members". We have also included OM Walter Eibl's latest "List of Broadcasts in English" and "List of Broadcasts in German".

And with this best wishes and good DX until October from

NEWS ABOUT BROADCASTING (+other) STATIONS

Walter Eibl · Postfach 15 45 · D-91005 Erlangen · GERMANY

AFGHANISTAN - Radio Afghanistan reportedly not heard on 7200 kHz since the last two weeks of April 2012 (BDXC-UK Afghanistan Guide <<http://homepage.ntlworld.com/bdxcuk/afghanistan.pdf>> checked Aug 14, via WOR 1630, DXLD). Also no trace on 6100, nor other QRG noted. (we)

ANGOLA - 4949.7, RNA-Canal "A", Mulenvos, 2150-..., 11/8, pops; 35321; fair modulation this time, and on the 12th. (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

Despite the usual CNR and IBB African relays after 20 UT, only one single interesting station noted at this slot: 4949.753 kHz poor string of S=4 tiny signal from R Nacional Angola from Luanda in Portuguese, just above threshold. (wb, Aug 15)

AUSTRALIA - 15340, 1514-1530'08*, HCJB, Kunurrura, 15/07, English, Christianityworks program from Sydney, final song and HCJB announcement - almost good with slight fading and local noise. (Mikhail Timofeyev, NE part of the St. Petersburg city, Russia, Drake R8A, long wire (30 m), HCDX via DXLD)

4835, ABC VL8A Alice Springs, 1140-1215, August 11. Live rugby coverage of the Sydney Swans vs Collingwood match up; 1143 ID for "783 Alice Springs" and promo for "Grandstand" coverage of the Olympics. RA at this time was covering the Olympics. Continues to be impossible to get anything from AIR Gangtok here (Ron Howard, Asilomar State Beach, CA, Etón E1, dxldyg via DXLD)

4835, VL8A, Alice Springs NT, 0805-f/out 0945, 10/8, chatter, phone-ins, songs, news at 0830, more chatter; 35332.

4835 ditto, 2147-2158, 11/8, cf. // VL8K 5025; VL8T 4910 silent; 35332.

4910 VL8T, Tennant Creek NT, 0816-0830*, 10/8, cf. // 4835 VL8A (see above); 25332.

4910 ditto, 2132-2151, 12/8, ABC news, weather at 2140, ABC Alice Springs program announcements, interviews; 25432.

5025 VL8K, Katherine NT, 2144-2155, 11/8, sports report; 35342; VL8A 4835 & VL8T 4910 both silent. (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

9580, August 7 at 1330, RA pulls away from Olympicism, for programming of significance, but not matching their own schedule! Online, both Pacific and Asian streams claim that this Tuesday at 1330 they were airing `Jazz Notes`, but instead I heard a program start about the Hazara, persecuted minority in Afghanistan, some of whom try to escape to Australia via Xmas Island. Could not catch name of show, and no hits searching RA website. Instead found `Rear Vision` on Radio National, whence it originated, with transcript, comments, audio OD: <<http://www.abc.net.au/radionational/programs/rearvision/hazara/4165942>> (gh, DXLD)

Coral Sea Service of Radio Australia on 12080 kHz --- Just a brief note to report that this morning at 1050 GMT I tuned Radio Australia's "Coral Sea Service" again on 12080. Sign-off came abruptly, as always, at 1059. This is a separate programming stream distinct from the regular RA international service. Transmission comes from Brandon, a spot (coastal, I think) in tropical Queensland (northeast Australia), with only 10 kW -- that's right -- 10 kW of power! The usual language of this special service, beamed to the Solomon Islands, Vanuatu, Bougainville and Papua New Guinea, etc. is Tok Pisin, a pidgin form of language based on English. On Saturday and Sundays, from 1000 to 1100 GMT, they broadcast in English. Try to pick it up, for it's a great DX find -- and features great Pacific-style music. Also, even the regular broadcasts in Tok Pisin are fairly easy to follow because so much English is used. And often, if an interview is being done, they will slip almost entirely into English. It's a hoot to listen to -- and a great DX find for any SWL. I try to write clearly with an eye to sharing some "magic" from the content itself, if possible. I appreciate a good declarative sentence every now and then -- and having some fun with this strange "radio thing." (Grayson Watson in Dallas, TX, Aug 7; using a Satellit 750 with an Apex Radio 700DTA antenna, NASWA yg via WOR 1629, DXLD)

R. AUSTRALIA'S SEPARATE PROGRAMMING ON 12080

I listen almost daily to Radio Australia on either 9580 or 11945 kHz. Today I tuned 9580 to check the quality of the signal, and then at 1030 GMT I began some random dial cruising. Suddenly I heard a program in English on 12080 kHz, and in due course the announcer indicated a broadcast from Radio Australia! But it was an entirely different program compared to the one I had been listening to on 9580. I even went back to 9580 twice to confirm that the program streams were entirely different -- though both were from RA!

What I discovered was that the program on 12080 was Radio Australia's "Coral Sea Service" beaming daily from Brandon, Northern Queensland, with only 10 kW of power to places like the Solomon Islands, Bougainville, Vanuatu and Papua New Guinea. The daily broadcasts are usually in the Tok Pisin language, especially popular in PNG, but on Mondays and Saturdays only, from 1000 to 1100, the programming is in English. I especially enjoyed the Pacific-type music that led us to sign-off at 1059. I will now include 12080 kHz when listening between 1000-1100 GMT, especially for the English broadcasts on Mondays and Saturdays. I am a happy SWL today! (Grayson Watson, Dallas, TX, July 30, using a Sangean 909x portable with an Apex Radio 700DTA active antenna, Cumbre DX via DXLD)

Re VL8A Alice Springs site: I visited the transmitter site in April 1986, not long after the NT service went on the air. A guy at the Alice Springs ABC station gave me directions to the site, not hard to find a few clicks down the Stuart Highway past the airport. Right next to the highway. The ABC station didn't have much to do with the programming of the station at the time; that came down the track from Darwin, also to Katherine and Tennant Creek. I've been to Katherine a couple of times since, but never had the time to track down their transmitter. The Alice Springs transmitter was automated and unmanned novel for that time), and I think the ABC engineer only went out to the site as needed. I dug out the negatives I shot during the stop-off to catch a flight out (...) and looking at them the antenna consisted of two masts, with a V-shaped antenna between them that was fed from the bottom of the V (that's the extent of my antenna expertise). I recall reading that transmitter has been replaced at least once, and no wonder the climate there is brutal. (Chuck Albertson-WA-USA, dxld July 27)

AUSTRALIAN SHORTWAVE STATION BOOSTS POWER, CLARITY OF RADIO SIGNAL AT NEW SITE (Aug. 10, 2012 - by Harold Goerzen)

Countless thousands of potential radio listeners in HCJB Global's Asia Pacific Region have access to a clearer, more powerful signal as a result of a seven-year project to move the transmissions to a new shortwave facility in Australia late last month.

"I'm very excited to let you know that on the afternoon of Tuesday, July 24, we began permanent transmissions from our new international broadcasting facility," said Dale Stagg, chief executive officer of HCJB Global-Australia. "With a stronger signal and a better antenna design, we look forward [to listeners' responses] with great anticipation. Please continue to pray with us as we seek to reach the unreached of this region with the good news of Jesus."

While broadcasts from the international broadcasting facility in Kununurra, a town of 7,000 on the northern edge of Western Australia, began in 2003, the original site was fraught with restrictions, limiting the broadcasts. Antenna height, for example, was limited to 40 meters (131 feet) because of the facility's proximity to the local airport.

A parabolic curtain antenna, formerly used by Radio Station HCJB in Pifo, Ecuador, is being installed with modifications at the new site with towers as high as 417 feet—four times the height of the tallest antenna at the original site. The new site is called “Lot 3000,” a 1,250-acre parcel of land that was granted to HCJB Global-Australia in 2005 on a long-term lease from the state government. “It lies approximately two miles west of the existing site and, crucially, outside of the airport restrictions,” explained Site Manager Peter Michalke.

Opening the new site meant overcoming numerous obstacles such as obtaining use of the government land, the granting of native title approval that allowed electricity supply to be connected to Lot 3000, getting power from the grid to the new site, building a road and causeway that allowed access to the new site, and even acquiring an antenna originally purchased by Croatia for communist propaganda but never commissioned.

While the old site will eventually be decommissioned, it will continue to house one HC100 (HCJB Global 100,000-watt shortwave transmitter) during a transitional period of several months. The original site is also home to administration offices, accommodations for volunteers and maintenance facilities.

“We will maintain a back-up facility for a few months but, to all intents and purposes, we have relocated and our new antennas are now in operation,” Stagg said. “Meanwhile, a third HC100 is being refurbished at the HCJB Global Technology Centre in Elkhart, Ind. When complete, it will be both analog and digital (DRM) capable.”

DRM will be invaluable for broadcasting to places such as India, a country of 1.2 billion people, where the digital technology has been adopted as the nation's main communication network to the rural masses.

“In spite of the giant leap forward of other technologies, shortwave broadcasting still has at least a medium term future in South and Southeast Asia,” added Derek Kickbush, program manager for HCJB Global-Australia. “There are still developing countries in the region where, in some places, there are no local media services and shortwave remains the only viable option.”

The site in Kununurra is broadcasting the gospel in 23 languages (including English) into East Asia, South and Southeast Asia “which along with Africa has been one of the most heavily serviced shortwave targets in the world of international broadcasters—and remains so,” Kickbush explained.

(HCJB Global News Update Aug 6-10 via WOR 1630, DXLD; shortened)

AUSTRIA - 7400 TWR Europe via ORS Moosbrunn relay site, "Book Moses" review t 0715 UT Aug 8, S=9+25dB powerful signal towards western Europe, // 6105 M&B Nauen relay site too. 0700-0750 UT scheduled. (wb, wwdxc BC-DX TopNews Aug 8)

7225 Neben der kastrierten ORF Sendung auf 6155 kHz ist auch noch TWR in Polnisch aus Moosbrunn in dieser fruehen Morgenstunde in der Luft. Ab 0543 UT mit dem markanten Pausensignal von Trans World Radio (Monte Carlo hiess es frueher in der Ansage), taeglich 0545-0600 UT. Starkes S=9+30dB Signal, mit 300 kW laesst sich 'gut senden'. (wb, wwdxc BC-DX TopNews Aug 10)

AZERBAIJAN - 9677 heard at 0600 UT on July 22, *Aedalaetin Saesi Radiosu*, Stepanakert, Azeri language, 35 442. (Alexander Beryozkin, St. Petersburg-RUS; RUSdx July 22)

BANGLADESH - 15505 Bangladesh Betar on new frequency. Clear and strong signal without "DRM" noise on new 15505 kHz at 1400-1430 UT in Urdu and 1515-1545 UT in Hindi, BUT NO SIGNAL on 15505 (strong QRM from 15500 EDC Sudan Radio Service Darfur Program from Rampisham-UK at 1600-1700 UT) or 15520 or 7250 kHz from 1600 UT in Arabic and 1630-1730 in Bangla.

Also no signal on other WOODEN registered freqs:
9550/11915/11995/13700/17695/17825. Much mystery puzzle!

Frequency changes of Radio Bangladesh Betar from August 12:

1230-1300 NF15105 DKA 250 kW 140 deg to SoEaAS English, ex15520, 15505
1315-1345 NF15105 DKA 250 kW 320 deg to SoAS Nepali, ex15520, 15505
1400-1430 NF15505 DKA 250 kW 290 deg to WeAS Urdu, ex15520
1515-1545 NF15505 DKA 250 kW 305 deg to SoAS Hindi, ex15520
1600-1630 NF15505 DKA 250 kW 290 deg to NE/ME Arabic, ex15520
1630-1730 NF15505 DKA 250 kW 290 deg to NE/ME Bangla, ex15520
1745-1815 NF15505 DKA 250 kW 320 deg to WeEUR En VOIslam, ex15520 #

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1815-1900 NF15505 DKA 250 kW 320 deg to WeEUR English, ex15520 #
1915-2000 NF15505 DKA 250 kW 320 deg to WeEUR Bangla, ex15520 #
(DX MIX News, via wwdxc BC-DX TopNews Aug 12)
on amateur band QRG 7105 kHz on Aug 14, 15, and 16. wb.

15505 nothing heard yet from Radio Bangladesh Betar Khabipur... but I think the station is now on 15105 kHz at 1250-1300 UT Aug 13, heard some Holy Quran comment in English, and followed by popular western music.

And typical WHITE NOISE sound audio in the background too on 15096-15114 kHz. Bangla final annmt at 1259 UT and "Good Bye". And since 1300 UT an 1125 Hertz measuring alignment procedure ?
(wb, wwdxc BC-DX TopNews Aug 13)

Khabipur 10 most modern SW curtain antennas by Made in China design, in north-eastern corner at 60/240 and 125/305 degr azimuth. <<http://goo.gl/maps/eaGnb>>

I recommend you report this too to <rrc @ dhaka.net> <betar.external @ yahoo.com>
They will QSL and this recordings & reports are very much appreciated. I hope when it goes regular you will find the 1230-1300 UT English Broadcast with good quality reception. Actually Ethiopia is trying to jam possible Eritrean transmission so white noise jamming observed on 15520 kHz frequently in Europe and Egypt too.
(Partha Sarathi Goswami-IND, dxld Aug 10)

BOLIVIA - 6154.94, R. Fides La Paz was heard again on July 14 when AIR GOS 6155 kHz was off the air for two days on July 14 and 15. In addition to AIR on this channel from nominal 0015 (altho carrier is usually on from 0000) UT, R Exterior España wipes this channel from 2300 to 0000 UT. On July 14, R. Fides was tuned from 0119 UT using Perseus site in SE England with decent S-3 signal and with moderate noise and adjacent channel QRM. Programming was instrumental music (not typical Andean) and a man announcer, and continued to 0201.5 UT when program ended. From 0158 to 0201.5 UT there was a man announcer mixed with instrumental music, presumably with closing announcements, although audio was too muffled for good audibility. Carrier typically stays on for several minutes after program ends. On July 16, AIR was again back on 6155 kHz with GOS news in English at 0000 UT and R Fides was buried. (Bruce W. Churchill, CA, DXplorer July 16 via BC-DX via DXLD)

5952.45, 0050-0100 26.07, R Pio XII, Siglo XX, Spanish interview, 35333 (Anker Petersen, here in Skovlunde, Denmark, on my AOR AR7030PLUS with 28 metres of longwire, via Dario Monferini, playdx yg via DXLD)

5952.45, Radio Pio Doce - Llallagua, Siglo XX in Spanish 0021-0110, W local news with some correspondents talks (no much clear, mentioning Bolivia); at 0100 clear chorus jingle "...Pio Doce, Pio Doce... Pio Doce..." heard better in LSB with inter filter to null het & with NIR 12; fast QSB & strong statics crashes; poor; 07/25.

5952.45, Radio Pio Doce - Llallagua, Siglo XX, in Spanish & possible unID local language 2306-2320 M / W unclear talk; better in LSB with inter filter; fast QSB & strong statics crashes; from 2312 heard with Nir 12; poor; 07/28 (Giovanni Serra, Roma, Italy, DXLD)

6134.83, 0110-0130 26.07, R Santa Cruz, Santa Cruz de la Sierra, Spanish ann, romantic songs and four ID's, 35333. (Anker Petersen, here in Skovlunde, Denmark, on my AOR AR7030PLUS with 28 metres of longwire, via Dario Monferini, playdx yg via DXLD)

BRAZIL - 3375.05, 19.7 0930, Rádio Municipal, Portuguese, varied programming, mentioned São Gabriel, also heard evenings past 0100 UT. Not sure about the ID. Perhaps new name? 35444 (Stig Hartvig Nielsen, visiting Calibishie, Dominica – two longwires (20 and 50 mts) AOR 7030+, HCDX via DXLD)

4775 R. Congonhas, Congonhas MG, 2232-2240, 10 Aug, VdoB part 2, 34342, QRM de PRU.

4775 ditto, 2131-..., 12 Aug, f/ball match rpt. Atlético vs. (?); 25432.

4805 R. Dif.a do Amazonas, Manaus AM, 2228-2242, 10 Aug, talks & rpts. On Brazil's players at the olympics, infos+news, advs.; 35332.

4815 R. Dif.a, Londrina PR, 2225-2242, 10 Aug, VdoB part 2; 35342.

4825 R. Canção Nova, Cachoeira Paulista SP, 2224-2233, 10 Aug, VdoB; 24331, Adj. QRM de CHN on 4820.

4845.2 R. Cultura Ondas Tropicais, Manaus AM, 2140-2148, 11 Aug, f/ball match rpt. Baía vs. Cruzeiro; 43332, CODAR QRM.

- 4876.7 R. Dif.a de Roraima, Boa Vista RR, 2137-2146, 11 Aug, songs; 34231, unstable carrier, CODAR QRM.
- 4885 R. Club do Pará, Belé PA, 0803-f/out 0850, 10 Aug, mssgs., talks, music; 25332.
- 4915 R. Dif.a, Macapá AP, 0801-f/out 0905, 10 Aug, music, ID+fqs ann., infos, phone-ins; 25433.
- 4915 ditto, 2148-2206, 12 Aug, f/ball match rpt. Palmeiras vs. Flamengo, advs.; 43432, QRM de R. Daqui, B.
- 4915 R. Daqui, Goiânia GO, 2149-2205, 12 Aug, hymns, rlg. propag.; 43432, QRM de R. Dif.a de Macapá, B.
- 4925.2 R. Educação Rural, Tefé AM, 2204-2213, 12 Aug, f/ball match rpt.; 25331.
- 4935.2 R. Capixaba, Vitória ES, 2132-2145, 11 Aug, music; 35231; obs'ed. on 12 Aug, 2207, w/ an SRDA relay.
- 4974.9 R. Iguatemi, Osasco SP, 2214-2223, 12 Aug, talks, songs; 15331.
- 4985 R. Brasil Central, Goiânia GO, 2123-2136, 11 Aug, talks, natl. anthem prior to some f/ball match rpt. at 2129; 35242, weak modulation; // 11815 off these days.
- 5035 R. Educação Rural, Coari AM, 2236-2247, 10 Aug, songs; 35332.
- 5035 R. Aparecida, Aparecida SP, 2115-2125, 11 Aug, mass; 45242.
- 5940 R. Voz Missionária, Camboriú SC, 2152-2214, 11 Aug, Castilian, rlg. propag. + songs until abt. 2205, then ID+fqs ann. in Portuguese and into "Musical RVM"; 45433.
- 5970 R. Itatiaia, Belo Horizonte MG, 2239-2246, 10 Aug, A Voz do Brasil part 2; 23431, adj. QRM. Better on 13 Aug, 2200.
- 6055.9 SRDA, Curitiba PR, 2119-2132, 09 Aug, shouting preacher (D. Miranda); 23431, QRM de ARG.
- 6070 R. Capital, Rio de Jan.o RJ, 2122-2132, 09 Aug, SRDA relay; 24431. A bit better on 13 Aug, 2200, during the Voz do Brazil relay.
- 6080 R. Marumby (pres), Curitiba PR, 2207-2213, 13 Aug, A Voz do Brasil part 1; 23431, QRM de CHN.
- 6090 R. Bandeirantes, São Paulo SP, 2209-2215, 13 Aug, talks, seemingly abt. football; 22431, QRM de AIA.
- 6120 SRDA, São Paulo SP, 2206-2220, 11 Aug, rlg. propag., then announced "Segunda Santa Seia"; 34432, adj. QRM.
- 6160.9 UNID (two stations listed), 2118-2132, 09 Aug, rlg. propag.; 25331. Canada also obs'ed. on this very fq on 13 Aug, 2216.
- 9515 R. Marumby, Curitiba PR, 2150-2204, 09 Aug, rlg. propag. prgr Dia a dia com Deus; A Voz do Brasil at 2200; 45433.
- 9565 SRDA, Curitiba P R., 2156-2213, 09 Aug, rlg. propag., fqs ann., A Voz do Brasil at 2200; 34432.
- 9629.9 R. Aparecida, Aparecida SP, 2114-2127, 11 Aug, mass; 44433, weak modulation, adj. QRM.
- 9665 R. Voz Missionária, Camboriú SC, 2153-2214, 11 Aug, cf. // 5940 above; 45433.
- 9675 R. Canção Nova, Cachoeira Paulista SP, 2201-2216, 09 Aug, A Voz do Brasil; 45444, but weak & a bit distorted modulation.
- 9814.9 R. 9 de Julho, São Paulo SP, 2205-2213, 09 Aug, A Voz do Brasil; 43442, adj. QRM de CHN on 9820.
- 11764.95 SRDA, Curitiba PR, 1112-f/out 1205, 11 Aug, preacher; 24432. Sole Braz. 25 m band stn audible at this time.
- 11855 R. Aparecida, Aparecida SP, 2112-2125, 11 Aug, cf. // 9629.9 above; 35433, weak modulation.

15191.5 R. Inconfidência, Belo Horizonte MG, 1401-1519, 13 Aug, ID+fq5 ann., talks on the olympics,...., newscast at 1500; 25432, QRM at 1500.

15191.5. ditto, 2152-2215, 13 Aug, "Inconfidência Notícias", ann'ed. "Desportos pelo Ar" to be aired at 2300, after A Voz do Brasil relay, at 2200; 45444.
(Carlos Goncalves-POR, dxld Aug 15)

5940, Voz Missionária, Camboriú, Santa Catarina. 0942 July 22, 2012. Creaky vocals with accordion, 0944 Braso-Portuguese male ID and frequencies, back to vocals with accordion. Brief inspirational talk by man in Spanish! (not Portuguese) till 0959. Back to Portuguese, but English male gospel song 1001 ("... I give praise to Him my offering... in His Holy presence..." lyrics). Clear, good and parallel even better 9665.03.

6059.88, Super Rádio Deus é Amor, Curitiba, Paraná. 0729 July 22, 2012. Ranchera-ish kiddie gospel choir, back to the Braso-Portuguese preacher dude. Very good. No other parallel transmitters making it in.
(Terry L Krueger, Clearwater, FL, used here: JRC NRD-535; ICOM IC-R75; Sony ICF-7600GR; Sangean PR-D5; Aqua Guide 705 RDF Marine Radio; GE Superadio Tres; 1 X roof dipole; 1 X room random wire, DXLD)

11915.09 Rádio Gaucha talk by M and W in Portuguese at 0033 UT w/ment of madrugada and Uruguay, presidente, Brasil. ID at 0039:40 UT ending segment, then fanfare and canned outro, promo, then M returned. 3+1 time ticks at 0045 UT during discussion w/another M. Ad/promo block at 0052-0056 UT, then M again w/ment of nacional, Brasil, Sao Paulo. 3+1 time ticks again over M at ToH and again at 0115. 0102 UT pgm promo "?? Nacional", then ad/promo block including one w/M mooing like a cow. 0106:20 ID/promo and pgm intro. Nice ID/promo at 0116:50. Went off suddenly at 0119:55. Good signal but slop QRM from 11920 and fading after 0100. Clear after 0100 UT. Last hrd on 11 June, and rarely on. 29 July. (Dave Valko-PA-USA, hcdx July 29)

BRAZIL / CANADA / GERMANY - To be a mess on this channel, three peaks noted on 6070v at 0415 UT July 23.

Strongest most powerful probably CFRX Toronto-CAN on 6069.955 kHz. Another the German low power hobby stn Radio 6150 Rohrbach on even 6070 kHz channel, and 3rd adjacent channel stn on 6070.033 kHz, latter most probably Brazilian Radio Capital, Rio de Janeiro, RJ, bcast Super Radio Deus e Amor program { \ 6120 } in Portuguese language. see below item too.

... and 880 Hertz heterodyne whistle tone annoying on v6160 kHz channel, 6160.861 kHz English talk heard at 0422 UT, most likely CKZN St. Johns, New Foundland ?

The other domestic Canadian CKZU Vancouver noted at 0535 UT July 23 on similar odd 6159.981 kHz.

On the contrary CBC Radio Nord Quebec program in excellent (non accented) U.K. English heard on very even 9625.000 kHz S=9+10dB level at 0455 UT. Same signal level from same Sackville-CAN relay bcast Voice of Vietnam program in Vietnamese on 9555.000 kHz, scheduled daily at 0430-0528 UT.
(wb, wwdxc BC-DX TopNews July 23)

6070.033 With very deep QSB, Radio Deus e Amor now on 6070 kHz carrying the same program on 6120 kHz at 0340 UT. I think this is via Radio Capital of Rio de Janeiro. Not heard in recent times.
(Rodolfo Tizzi-URG, dxld July 26)

BRAZIL / EQUAT. GUINEA - 15190 / 15190.204 Both het each other on very adjacent channel, Radio Africa-GNE English sermon on 15190 kHz even, and Rádio Inconfidencia, Belo Horizonte, MG from Brazil on very odd 15190.204 kHz. (wb, wwdxc BC-DX TopNews July 31)

CANADA - CBCNQ 9625 will close Nov. 1 --- CBC has resubmitted 5 applications for Northern Quebec, adding that "CKCX-SW" [9625] will close November 1st:
<<https://services.crtc.gc.ca/pub/instances-proceedings/Default-Default.aspx?S=O&PA=B&PT=A&PST=A&Lang=eng>>
(Andy Reid, Ont., July 31, dxldyg via WOR 1628, DXLD)

As of UT August 1 we are still hearing VOV, NHK WR and KBS WR relays via Sackville, but not VATICAN [q.v.] so those three plus CBCNQ are the only ones left (gh, DXLD)

9625, August 4 at 0507, CBC NQ tone test with flutter just after sign-off. Andy Reid in Ontario found a CRTC notice that CBC has resubmitted 5 applications for low-power FM relays in Northern Quebec, adding that "CKCX-SW" [9625] will close November 1 (gh, DXLD)

CBC North Quebec service, 9625 has following English slots:

0000-0100 Su
 0100-0200 Tue-Su
 0200-0215 & 0230-0300 Mo
 0300-0400 Su & Mo
 0400-0506* daily
 1100-1200 daily
 1200-1400 Sa & Su
 1400-1600 Su
 1600-1700 Sa
 1700-2100 Su
 2100-2130 Su-Fr
 2130-2145 Su
 2145-2230 Su-Fr
 2230-2400 Su

Based on monitoring observations and listener tips (Rumen Pankov, Bulgaria, DX News, August BDXC-UK Communication, retyped by gh for DXLD)

6160, CKZU Vancouver, 0411 Aug 3, "Ideas", host Paul Kennedy speaking to a book author. Het from station on 6160.9, which was likely CKZN St. John's, but programming was not discernible. Poor, but fair and free of het listening to LSB (Harold Sellers, Vernon, British Columbia, Listening lakeside from my car with the Eton E1 and Sony AN1 active antenna, dxldyg via DXLD)

CHAD - I went to check the sound now at 2015 UT and it sounds like Chad is back on 6164.96 kHz. Mauno

Yes, thanks Mauno for the tip, measured 6164.960 kHz exact, heard RNT N'djamena in French commentary on Bangladesh at 2045 UT Aug 14/Aug 18.

S=9+10dB signal on remote unit in Australia, fully ahead of tiny ZNBKR2 Lusaka Zambia co-channel which is 40 Hertz upper on even 6165 kHz. (wb, wwdxc BC-DX TopNews Aug 14)

CHILE - Calera de Tango Chile transmitter site came to an end on Friday Aug 17 at 2200 UTC. The final broadcast was 1300-2200 on 9635 and 17680 kHz, heard in southern Germany with a weak signal. A special "good-bye" QSL was granted. CVC personal still don't know which will be the final destination for the trasmitters, also the site will be dismantled soon. (CVC + a-dx + diff sources)

Fleeing CVC CHILE site: New relay of Radio Japan NHK World from Aug 18:

Portuguese

0900-0930 6130 GUF 250 kW 185 deg to BRA, exSGO 100 kW 60 deg
 2130-2200 11880 GUF 250 kW 185 deg to BRA, exSGO 100 kW 60 deg

Spanish

0930-1000 6195 HRI 250 kW 167 deg to SAm, exSGO 100 kW 350 deg
 (DX Mix News, Bulgaria, July 18)

CHINA - 9410, CNR-5 V. of Zhonghua, Beijing, 1008-1023 July 27, Chinese; M announcer with talk between music bits; presumed jingle ID at 1010; more talk & music bits; fair.

9420, CNR-6, V. of Shenzhou, Beijing, 1025-1051 July 27, Chinese; Nice, exotic music; M & W announcers with talk; pop-like music; fair

9820, Beibu Bay Radio, Nanning, 1025-1101 July 26, M announcer in listed Cantonese into English ballad; ID announcement & "B-B-R" at 1031; more local music & ballads with occasional talk & IDs; another ID announcement with "B-B-R" at 1100 into M announcer listed Vietnamese; booming signal at tune/in; beginning to fade under increasing noise by ToH.

(Scott R. Barbour, Jr., Intervale, NH, NRD- 545, MLB-1, 200' Beverages, 60m dipole, dxldyg via DXLD)

COLOMBIA - 6010.050 ... x.059 Spanish language transmission observed here, hopping some 10 Hertz up and down, heard on Atlanta Georgia-US remote unit, nothing of station identification heard during between 0425 til 0500 UT, S=8 signal. Most probably heard HJDH Voz de tu Conciencia, Lomalinda, Puerto Lleral in Colombia. (wb, wwdxc BC-DX TopNews Aug 12)

5910, Alcaraván Radio, Puerto Lleras, 0502-0530, 29-07, male, ID: "Esta es la hora en 1530, las 12 de la noche y 6 minutos", "Alcaraván Radio, 1530 AM y 5910 kHz, onda corta, desde Colombia, Alcaraván Radio", Latin American songs, "Alcaraván Radio, música con acordeón". 34433.

(Manuel Méndez, Lugo, Spain, Logs in Friol, Sony ICF SW 7600 G, Cable antenna, 10 meters, dxldyg via DXLD)

CONGO [Brazzaville] - 6115 R. Congo, Brazzaville, 1655-1813 UT on 13 Aug, Vernacular, talks, tribal songs; French prgr at 1800 UT, ID at 1803 UT followed by the news; 25342. (Carlos Goncalves-POR, dxld Aug 15)

CONGO DR - 5066.3, R Tele Candip, Bunia, 0316 (not heard so early before), Aug 03, female singer, big Mama Africa style, soaring voice with Afropop, guitars, very short male speaker ann in French, more songs, long tracks of 5-7 minutes, speaker taking greetings from callers in French, more great local music, fair (Graham Bell, Simonstown, South Africa, DSWCI DX Window via WOR 1629, DXLD)

CROATIA - 7409.993 Croatian Foreign Radio Zagreb Deanovec, performance of Croatian Big Band music and modern pop music at 0720 UT Aug 8, S=9+10dB signal strength here in Germany.
(wb, wwdxc BC-DX TopNews Aug 8)

CUBA - 9790 CRI Foreign service program via Cuban relay site appeared here around 0430-0440 UT, modern sweet Chinese pop mx singer, S=7-8 fluttery signal across the Atlantic ocean into Europe morning.
(wb, wwdxc BC-DX TopNews July 23)

9810, Aug 9 at 0236, RHC Spanish is just barely modulated, but an improvement over no modulation at all last night; also unusually poor signal strength.

11760, Aug 9 at 1303, RHC modulation is breaking up somewhat; 11750 not until *1303 with OC, then JIP programodulation. At 1305, 11760 dumps off the air.

11860, Aug 9 at 1308, undermodulated but not breaking up or distorted; however, bothered by bleed from the DentreCuban Jamming Command centered on 11845 against R. Martí, but with noise field extending also down to 11830.

11760, Aug 9 at 1957 check, RHC's initial English hour of the day is at first dead air; then some JBM music. The signal here is never strong on this one.

6050, August 10 at 0519, RHC English is dead air instead, altho OK on 6010 and much weaker 6060, 6125.
(gh, DXLD)

CYPRUS - All three Zyi Cyprus outlets of CYBC Limassol in Greek, excellent service with fine audio heard tonight, 2210-2245 UT on Fr/Sa/Su only. 5925* / 7220 / 9760 kHz, all 250/300 kW of power.

* NOT on 6135 kHz as AOKI JPN list suggests ... (wb, wwdxc BC-DX TopNews July 20)

DIEGO GARCIA - 4319-USB AFN, at 1322-1344 UT on Aug 8. Phenomenal reception! Perfect grayline reception!! DG sunset 1311 UT, my local sunrise 1319 UT; daily I check here and only hear strong QRM from the NATO STANAG signal (per Al Muick), but that was totally absent today (very rare!); program of C&W songs; listeners calling in talk about the Olympics; "American Forces Network" IDs; military spots (US Marines training exercise in the Hawaii; "This is one minute of American history" (San Francisco 1906 quake); promo for "Air Guard"; defines A-W-O-L; etc.); back to C&W songs. (Ron Howard-CA-USA, wwdxc BC-DX TopNews Aug 8)

DJIBOUTI - 4780, Radio Djibouti in Arabic, 2056- 2111. M talk; local chants; M talk; W brief talk mentioning Radio Djibouti; M brief announcements with some local music pauses; same M reading news (mentioning Alqaida, BBC, Iran, Ramadan) till 2108; music pauses & W brief announcement; other M talk; music pause; W talk mentioning Djibouti; heard in SSB with fast QSB & strong statics crashes; almost fair; 07/21.

(Giovanni Serra, Roma, Italy, WOR 1628, DXLD)

Extension service of the Ramadan: Djibouti on 4780 kHz on the air past 2100 UT. I can't confirm s/off for the sunrise. (S. Hasegawa, Japan, July 27, dxldyg via WOR 1628, DXLD)

EQUATORIAL GUINEA - 15190, Radio Africa, Bata, 1548-1555. Female evangelist with fundamentalist religious talk in English. Very weak signal with minimal fading. Quick check at 1931 found a more excited female evangelist. Signal had improved to good. 7/25/2012 (Jim Evans, Germantown TN, RX-340, IC-R75, Perseus, Eavesdropper Dipole, Random Wire (90'), NASWA Flashsheet via DXLD)

15190, R. Africa. Signal on at 0532:30, and program by Hope International Services already on when it was brought up about 30 seconds later. Deadair at 0454 [must mean 0554?] between programs, then startup of next program. Finally a complete station ID by M over simple percussion music at 0608:40:

"You are listening to R. Africa. Thank you for listening to R. Africa's inspirational programming. We are excited to share with you that you can contact ministries via e-mail at radioafrica@myway.com. Just address your e-mails to the particular ministry, send it to radioafrica@myway.com. The stations look forward to your e-mails to the ministries. You may also write to the ministries at the addressed announced during the program ?? post office box. Radio East Africa, P.O. Box 698, 60400 Chuka Neru South, Kenya. That's Radio East Africa, P.O. Box 698, the zip code is 90400, the city of Chuka Neru (spelled out) South, in Kenya. Our ministries are very excited to share their messages of hope and inspirational to you. At the same time it is important to let them know you are listening to their program. Thank you for listening to the Radio Africa network".

Yes, the first number in their zip code was given as both 6 and 9. Found Chuka on Google Earth but not Chuka Neru. Nothing found doing a Google search of the announced address either. Fady signal but good most of the time. Glad to get a full ID again. (29 July).

(Dave Valko, Dunlo, PA, USA, NRD-535D and Perseus SDR, T2FD antenna, HCDX via WOR 1628, DXLD)

EGYPT - Frequency changes of Radio Cairo from July 19:

1800-1900 NF 9805 ABS 200 kW 325 deg to WEu Italian, ex6270

1900-2000 NF11560 ABS 200 kW 325 deg to WEu German, ex6270

2000-2115 NF11560 ABS 200 kW 325 deg to WEu French, ex6270

2115-2245 NF11890 ABS 200 kW 325 deg to WEu English, ex6270

2300-0030 NF 9965 ABS 200 kW 325 deg to NEAm English, ex6270

0030-0430 NF 9965 ABS 200 kW 325 deg to NEAm Arabic, ex6270

(DX MIX News, via wwdxc BC-DX TopNews Aug 1)

9280-9325, Aug 9 at 0232, big buzz out to here from extremely distorted monstrous R. Cairo Arabic frequency 9305, diminished only around 9315 by the big very undermodulated R. Cairo English frequency with singing. 9265 WINB and 9330 WBCQ escape it. By 0448, samebuzz from 9305 but weaker so the sidefields are inaudible (gh, DXLD)

11560, terrible audio range on 11502-11600 kHz, of R Cairo German from Abis transmitter site at 1900-2000 UT Aug 5 (wb, wwdxc BC-DX TopNews Aug 10)

Anyone to help the Egyptians to get proper signals from their transmitters ... ? or are those broadcasts used as torture? ... (we)

ETHIOPIA (?) - 6090, V of Amhara State, Geja Jawe, 1703-1725, 13/8, Amharic (listed), news (presumed), interviews; 35433, improving.

7234.5, R. Ethiopia (presumed), Geja Jawe (or Geja Dera site?), 1611-1625, 14/8, vernacular, talks; parallel to 9705? 14431.

9705 ditto, 1615-1628, 14/8, vernacular, talks, songs; 23441, adjacent QRM.
(Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

6110, R Fana, one of the strongest stations in 49 mb, S=9+20dB at 2020 UT.
(wb, Aug 15)

FRANCE / JAPAN - 11970 Came across of NHK Radio Japan World distinctive music box interval signal even before 0458-0500 UT. Is daily English service relay at 0500-0530 UT via Issoudun France 500 kW powerhouse.
(wb, wwdxc BC-DX TopNews July 23)

FRENCH GUIANA - 21689.950 odd ! 500 kW at 75degr, 12-13 UT. RFI Paris French to Africa via Montsinery-GUF site til Sept 1st, but to be replaced via Issoudun site, 500kW 185degr, from Sept 2nd. Other 13 mb transmissions at same time: SEY 21470, KWT 21540, RFI 21580, REE 21610.008, RRW 21780, UAE 21840 kHz. At 1600 UT WHRI 21630.006 kHz. (wb, wwdxc BC-DX TopNews Aug 10)

GABON - 9580 Africa #1; 2216-2233+, 24-July; Long Afro tunes to ID at BoH into French discussion. SIO=322 in AM with strong hiss QRM; USB takes most of it out to SIO=2+33.

(Harold Frogde, Midland MI, USA, Drake R8B + 85 ft. RW and 180 ft. center-fed RW, logged by my ears, on my receiver, in real time! DXLD)

9580, Radio Reveil Paroles – Moyabi (Presumed), 2305, in French. Alternating male and female announcers with many references to Jesus. Fair. 7/28/12 (Mark Taylor, Madison WI, WinRadio g313e, Grundig G1 & G5, Satellit 800; EWE, Flexenna, NASWA Flashsheet via DXLD)

Gabon is not in HFCC at all. That was Saturday, and Aoki shows on Saturdays only, the all-day ANO broadcast has unnamed 15 minutes tacked on at 2300-2315 in French, 250 kW, 350 degrees. EiBi shows different days: 9580 2300-2315 Th,Fr SUI Radio Reveil Paroles F Af /GAB

I don't find anything about it in 2012 WRTH under Gabon or Switzerland; in any event, it's a program, not a station, full-name, Radio Réveil Paroles de Vie = Awakening, Words of Life. Website <<http://www.paroles.ch>> specializes in podcasts; don't see anything about broadcasts even under Emissions. Formerly used some other SW sites such as Jülich. Related Radio Réveil site leads to local affiliates:

<<http://radioreveil.ch/images/stories/PDF/Diffuseurs-v2.pdf>> which includes Africa No. One, but only on FM frequencies in various cities, no times and nothing about SW. (gh, DXLD)

It is listed as extended transmission under ANO in the summer schedules

<http://wrth.com/files/WRTH2012IntRadioSuppl2_A12Schedules.pdf>

on page 12. (Mauno Ritola, Finland, dxldyg via DXLD)

As Saturday & Sunday, so we have a variety of info on the real days (gh, DXLD)

GERMANY - 3955 Ab sofort gibt's den Kaller Shortwaveservice auch auf 3955 kHz everyday, around the clock, ausser wenn BBC in DRM rauscht oder die Suedkoreaner ihren Funk in die Luft setzen. Leistungen zwischen einem und 20 kW TRP. (Christian Milling-D, Radio 700 via A-DX July 25)

3955 Radio 700, Kall-Germany, except BBC Skelton in DRM 04-06 UT, and Korea KBS via Skelton-Cumbria at 2000-2130 UT. Relais of several overseas services – schedule not yet fixed. (we)

New schedule of Deutsches Radio 700 in German from August 1:

0800-1700 3955 KLL 001 kW non-dir to CeEUR, ex2200-1900 same

2300-0400 3955 KLL 001 kW non-dir to CeEUR, ex2200-1900 same

But according to shortwaveservice.com new schedule is 0600-2000 & 2130-0400 between transmissons 0400-0600 BBC DRM & 2000-2130 KBS World German/English.

(DX MIX News, via wwdxc BC-DX TopNews Aug 1)

6070.006 Radio 6150 / 6070 from Rohrbach (near Ingolstadt) in Bavaria at 0700 UT Aug 8. Muffled old disc recordings of pop music late 60ties. Tiny S=5-6 signal on remote SDR unit. Very heavy QRM by adjacent Vatican Radio program, interval signal S=9+30dB on 6075 kHz til - latter -close-down at 07.06 UT.

Mostly free 6070 kHz channel during daytime in summer season, but will suffer heavy in coming winter season, formerly 6150 kHz channel was much better solution than 6070 in winter season.

(wb, wwdxc BC-DX TopNews Aug 8)

HCJB Germany 3995 kHz in Russian.

Dear SWLs, I just want to inform you that HCJB Germany broadcasts programs in the Russian language every morning from 0300-0400 UT at 3995 kHz. The power is sadly low (1.5 kW) but it's maybe possible to get a signal even in Russia or Ukraine (at least in the winter time)?! Reception reports are welcome.

(Stephan Schaa-D, RUSdx Aug 12)

125 Jahre Physikalisch-Technische Bundesanstalt.

Mit einem Tag der Offenen Tuer beging die Physikalisch-Technischen Bundesanstalt am 14. Juli 2012 ihr 125-jaehriges Bestehen. Die Veranstaltungen im Maerz, ziemlich genau 125 Jahre nach der ersten Bewilligung eines Etats fuer die Physikalisch-Technische Reichsanstalt, waren fuer ein geschlossenes Publikum.

14. Juli 2012: "Tag der offenen Tür" der PTB in Braunschweig

17. Oktober 2012: Vorträge zur modernen Metrologie - Audimax, TU-Berlin, öffentliche Veranstaltung

17. Oktober 2012: Einweihung des Observatoriums der PTB - PTB, Institut Berlin, geschlossene Veranstaltung

Funkfreunde kennen die Physikalisch-Technischen Bundesanstalt vor allem vom 50-kW-Langwellensender Mainflingen DCF77. Ein Sender der Media Broadcast uebertraegt im Auftrag der PTB auf der Normalfrequenz 77.5 kHz ein Zeitzeichen, das von drei kommerziellen Atomuhren stammt, die wiederum von den primaeren Atomuhren der PTB in Braunschweig kontrolliert werden.

Die Informationen ueber Stunden, Minuten usw. werden in Folgen von langen und kurzen Signalen kodiert. In jeder Sekunde wird ein Bit uebertragen. In den 60 Sekundenticks einer Minute, also einer Folge von 60 Bits (auch Zeitletogramm genannt) lassen sich alle Angaben zu Minute, Stunde, Tag, Woche, Monat und Jahr unterbringen (z.B. sind fuer die sieben moeglichen Wochentage die 3 Bits der Sekundenmarken 42 bis 44 reserviert; der Montag, als erster Tag der Woche, wird etwa mit "lang-kurz-kurz" kodiert). Damit die Funkuhr "weiss", welche Sekundenmarke gerade gesendet wird, muss ein Anfang des minuetlichen Zeitletogramms definiert werden. Dazu wird in der letzten Sekundenmarke der Minute kein kurzes oder langes Signal gesendet, sondern einfach nur Stille. "Hoert" die Funkuhr dieses Pausenzeichen, so beginnt mit dem naechsten Sekundentick die folgende Minute und damit ein neues Zeitletogramm.

Damit zum Ende der Sommerzeit Ende Oktober alle Funkuhren automatisch auf mitteleuropaeische Zeit springen, wird waehrend der laufenden Minute 0259 MESZ die Zeitinformation 0200 MEZ uebertragen. Diese Unregelmassigkeit in der Zeitzahlung wird zuvor eine Stunde lang mit der Sekundenmarke 16 angekuendigt. Funkuhren, die solche Zusatzbits auswerten, koennen also exakt im richtigen Moment den Sprung um eine Stunde anzeigen. Armbanduhren, Wanduhren und Wecker registrieren ueblicherweise nur die Unregelmassigkeit im Zeitkode und zeigen die neue Zeit erst an, wenn anschliessend mehrere Minuten lang wieder logisch aufeinanderfolgende Zeitinformation empfangen wird. Diese Verspaetung im Wechsel der Anzeige wird immer bei der PTB reklamiert, liegt aber ausschliesslich an der Bauart der Uhren.

2011 wurde der Sendevertrag bis 2021 verlaengert, da der Sender weiterhin als wichtigstes Medium zur Verbreitung der gesetzlichen Zeit gilt, zu der die PTB nach dem Einheiten- und Zeitgesetz verpflichtet ist. Nach Informationen aus der Industrie erzielen sowohl Funkuhren fuer den privaten Gebrauch wie auch Systeme zur Nutzung der Zeitinformation und der Normalfrequenz weiterhin stabile Verkaufszahlen.

Die Gesamtzahl der im Jahr 2008 betriebenen Empfaenger wurde in der Presse mit ca. 100 Millionen geschaezt. Das DCF77-Signal ist - abhaengig von der Tages- und Jahreszeit - bis zu einer Entfernung von etwa 2000 km zu empfangen.

In Europa gibt es nach dem Sendeende des Schweizer Senders HBG 2001 langfristig ausser dem DCF77 nur noch den britischen Sender MSF Anthorn (Cumbria) auf 60 kHz.
(PTB, via Dr. Hansjoerg Biener-D ntt)

GERMANY [and non] - Summer A-12 of Media & Broadcast.

Hamada Radio International:

0530-0600 on 9610 W 100 kW / 180 deg Mo-Fr WAF Hausa

Trans World Radio (TWR):

0545-0600 on 5910 W 100 kW / 055 deg Mo-Fr EEU Polish
 0700-0750 on 6105 W 100 kW / 300 deg Daily NEU English
 0830-0900 on 7210 W 100 kW / 105 deg Daily EEU Hungarian
 1000-1030 on 7295 W 100 kW / 105 deg Sa EEU Romanian
 1400-1430 on 7215 W 100 kW / 060 deg Mo EEU Belarussian
 1400-1430 on 7215 W 100 kW / 060 deg Tue-Fr EEU Russian
 1530-1600 on 9540 W 100 kW / 105 deg Sa EEU Romanian

Transportradio:

0800-1000 on 6095 W 100 kW / non-dir Mo-Fr WEU Dutch/English-Mx

Mighty KBC Radio:

0900-1600 on 6095 W 100 kW / non-dir Sa/Su WEU English/Dutch-Mx

Hamburger Lokalradio

0900-1000 on 6045 W 100 kW / non-dir 1st Su CEU German/Music

XVRB Radio - The Music Museum

0900-1000 on 6045 W 100 kW / non-dir 3rd Su CEU English/Music

Radio Iceman

0900-1000 on 6045 W 100 kW / non-dir 4th Su CEU English/Music

Mecklenburg-Vorpommern Baltic Radio:

0900-1000 on 6140 F 100 kW / 080 deg 1st Su CEU German/Music

1300-1400 on 6140 N 100 kW / 126 deg 2nd Su CEU German/Music

European Music Radio:

0900-1000 on 6140 F 100 kW / 050 deg 3rd Su CEu English/Music

Radio Gloria:

0900-1000 on 6140 F 100 kW / 080 deg 4th Su CEu English/Music

Evangelische Missions Gemeiden:

1030-1100 on 6055 W 125 kW / non-dir Sa/Su CEu German

1100-1130 on 13710 W 250 kW / 045 deg Sa FE Russian

1500-1530 on 11695 W 250 kW / 060 deg Sa EEU Russian

Missionswerke Arche Stimme des Trostes

1100-1115 on 5945 W 250 kW / non-dir Su CEu German

Voice of Oromiyian Liberation Front:

1600-1630 on 15170 F 500 kW / 130 deg Su EAF Oromo

OGM Radio Horiyo Ogadeniya:

1600-1630 on 15170 F 500 kW / 130 deg Tue/Sa EAF Somali

Voice of Oromo Liberation (Sagalee Bilisummaa Oromoo):

1700-1800 on 13830 F 100 kW / 126 deg Su/Wed EAF Oromo/Amharic

Christliche Wissenschaft/Christian Science

1800-1900 on 9585 W 100 kW / 090 deg Sa EEU Russian

Pan American Broadcasting (PAB)

1930-2000 on 9515 N 250 kW / 150 deg Su NAF English

1400-1415 on 15205 W 100 kW / 090 deg Su SAs English

1415-1430 on 15205 W 100 kW / 090 deg Daily SAs English

1430-1445 on 15205 F 250 kW / 083 deg Su SAs English

Radio Biafra London

2000-2100 on 11870 W 125 kW / 180 deg Thu/Sa WCAf English+Igbo

Adventist World Radio

0400-0430 on 6020 W 100 kW / 120 deg EEU Bulgarian

1600-1630 on 9830 W 100 kW / 120 deg EEU Bulgarian

0900-1000 on 9790 F 100 kW / 120 deg SEU Italian Su

0700-0800 on 15225 W 100 kW / 210 deg NAF Arabic

0800-0830 on 15140 W 100 kW / 210 deg NAF French

0800-0900 on 15225 W 100 kW / 210 deg NAF Kabyle/Tachelhit

1900-2000 on 9765 W 100 kW / 210 deg NAF Arabic/Tachelhit

2000-2030 on 9765 W 100 kW / 210 deg NAF French

1730-1800 on 15170 W 100 kW / 210 deg NAF Kabyle

1900-2000 on 15260 N 100 kW / 215 deg NAF Arabic

1900-1930 on 11945 W 250 kW / 210 deg NWAf Wolof

1900-1930 on 15205 W 100 kW / 195 deg CAF Fulfulde

1930-2000 on 15205 W 250 kW / 180 deg CAF Ibo

2000-2030 on 17610 W 100 kW / 180 deg CAF French

2030-2100 on 11755 W 100 kW / 180 deg CAF Youruba

0300-0330 on 6065 W 250 kW / 135 deg EAF Tigrigna

0300-0400 on 11610 W 250 kW / 135 deg EAF Oromo/Amharic

1730-1800 on 15155 W 250 kW / 135 deg EAF Oromo

1630-1700 on 17575 W 250 kW / 135 deg EAF Somali

0400-0600 on 15225 W 250 kW / 120 deg N/ME Arabic

1900-2100 on 11605 W 250 kW / 120 deg N/ME Arabic

1200-1300 on 17535 W 250 kW / 090 deg SAs English/Bangla

Adventist World Radio via TRM Sri Lanka from July 2, ex via N/W

1300-1330 on 15320 TRM 250 kW / 015 deg EAs Chinese Mon-Fri, ex N

1300-1330 on 15320 TRM 250 kW / 015 deg EAs Uyghur Sa/Su, ex N

1330-1500 on 15320 TRM 250 kW / 015 deg EAs Chinese, ex N

1500-1530 on 15255 TRM 250 kW / 005 deg SAs Punjabi, ex N

1530-1600 on 15255 TRM 250 kW / 005 deg SAs English Sa-Wed, ex W
 1530-1600 on 15255 TRM 250 kW / 005 deg SAs Tibetan Thu/Fri, ex W
 1500-1530 on 15595 TRM 250 kW / 005 deg SAs Nepali, ex W
 1530-1600 on 15290 TRM 250 kW / 345 deg SAs Hindi, ex N

Adventist World Radio via TRM Sri Lanka till Oct. 1, ex till June 30:

1100-1130 on 15540 TRM 125 kW / 105 deg SEAs Indonesian
 1130-1200 on 15540 TRM 125 kW / 105 deg SEAs Javanese Mon/Wed/Fri
 1130-1200 on 15540 TRM 125 kW / 105 deg SEAs Sudanese Su/Tue/Thu/Sa
 1200-1300 on 15490!TRM 125 kW / 045 deg EAs Chinese
 1300-1330 on 17635#TRM 125 kW / 075 deg SEAs Khmer
 1330-1400 on 17635#TRM 125 kW / 075 deg SEAs Khmer Su
 1330-1400 on 17635\$TRM 125 kW / 075 deg SEAs Thai Mo-Wed/Fr
 1330-1400 on 17635 TRM 125 kW / 075 deg SEAs Lao Thu/Sa
 1400-1500 on 12105 TRM 125 kW / 045 deg EAs Chinese
 1500-1530 on 15715 TRM 125 kW / 060 deg SEAs Karen
 1530-1600 on 7410%TRM 125 kW / 345 deg SAs Marathi
 1600-1630 on 11835 TRM 125 kW / 345 deg SAs Urdu
 1630-1700 on 11740 TRM 125 kW / 345 deg SAs English
 2100-2200 on 11750 TRM 125 kW / 025 deg EAs Chinese Mo-Sa
 2100-2200 on 11750 TRM 125 kW / 025 deg EAs Cantonese Su
 2200-2230 on 9455 TRM 125 kW / 105 deg SEAs Indonesian
 2200-2230 on 9545&TRM 125 kW / 105 deg SEAs Javanese Su/Tue/Thu
 2200-2230 on 9545&TRM 125 kW / 105 deg SEAs Sudanese Mo/Wed/Fri/Sa
 2230-2300 on 9730 TRM 125 kW / 105 deg SEAs English
 2300-2400 on 9730 TRM 125 kW / 075 deg SEAs Vietnamese
 0000-0030 on 11955 TRM 125 kW / 045 deg SEAs Burmese
 0030-0100 on 11955 TRM 125 kW / 060 deg SEAs Karen
 ! 9720 SDA from Oct. 2
 #11750 SDA from Oct. 2
 \$11880 SDA from Oct. 2
 %15330 SDA from Oct. 2
 &11850 SDA from Oct. 2

Radio Japan NHK World:

0200-0500 on 11680 W 250 kW / 135 deg NAF Japanese
 1700-1900 on 15445 W 250 kW / 135 deg N/ME Japanese
 2200-2300 on 9620 W 500 kW / 135 deg NAF Japanese

Radio Dardasha 7:

0330-0345 on 9460 W 125 kW / 105 deg WAs Persian
 1600-1615 on 15420 W 250 kW / 105 deg WAs Persian
 0300-0315 on 7310 W 250 kW / 120 deg N/ME Arabic
 0430-0445 on 9460 W 125 kW / 120 deg N/ME Arabic
 1700-1715 on 13670 W 125 kW / 120 deg N/ME Arabic
 2000-2015 on 5930 W 250 kW / 120 deg N/ME Arabic
 0600-0615 on 11655 W 125 kW / 180 deg CEAF Arabic
 2030-2045 on 9515 W 250 kW / 180 deg CEAF Arabic

Radio Farda:

0030-0230 on 5940 W 250 kW / 105 deg WAs Persian
 0230-0400 on 7280 W 250 kW / 105 deg WAs Persian
 1230-1330 on 15680 W 250 kW / 090 deg WAs Persian
 1600-1700 on 15555 W 250 kW / 105 deg WAs Persian

Radio Mashaal:

0400-0600 on 15560 W 250 kW / 090 deg WAs Pashto
 0600-0900 on 15360 W 250 kW / 090 deg WAs Pashto

Radio Ashna:

1430-1530 on 15380 W 250 kW / 105 deg WeAs Pashto
 1530-1630 on 15380 W 250 kW / 105 deg WeAs Dari

Radio Liberty:

1500-1700	on	6105 W	100 kW / 060 deg	EEu	Belorussian
1700-1800	on	6105 W	250 kW / 060 deg	EEu	Belorussian
1700-1900	on	5930 W	250 kW / 045 deg	EEu	Belorussian
1600-1700	on	7355 W	250 kW / 060 deg	EEu	Russian
1400-1600	on	15240 W	250 kW / 075 deg	CAs	Turkmen
1400-1500	on	13615 W	250 kW / 075 deg	CAs	Uzbek
1500-1600	on	13615 W	250 kW / 090 deg	CAs	Avari/Chechen/Circassian
1500-1600	on	15565 W	250 kW / 090 deg	CAs	Azeri
1600-1700	on	15410 W	250 kW / 075 deg	CAs	Turkmen
1900-2000	on	9805 W	250 kW / 060 deg	CAs	Tatar

Voice of America:

1600-1630	on	7295 W	250 kW / 135 deg	SEEu	Albanian
1730-1800	on	11925 W	250 kW / 150 deg	EAF	Afan Oromo Mo-Fr
1800-1900	on	11925 W	250 kW / 150 deg	EAF	Amharic
1800-1900	on	13570 W	250 kW / 150 deg	EAF	Amharic
1900-1930	on	11925 W	250 kW / 150 deg	EAF	Tigrigna Mo-Fr
1800-1900	on	13870 N	250 kW / 140 deg	EAF	Amharic
1900-1930	on	13870 N	250 kW / 140 deg	EAF	Tigrigna Mo-Fr
0300-0330	on	9815 W	250 kW / 150 deg	SDN	Arabic "Afia Darfur"
1800-1830	on	9815 W	250 kW / 165 deg	SDN	Arabic "Afia Darfur"
1900-1930	on	9600 W	250 kW / 150 deg	SDN	Arabic "Afia Darfur"
1630-1700	on	9490 W	250 kW / 150 deg	SDN	En "S Sudan in Focus" M-F
1630-1700	on	11655 W	250 kW / 150 deg	SDN	En "S Sudan in Focus" M-F
1630-1700	on	13800 W	250 kW / 150 deg	SDN	En "S Sudan in Focus" M-F
1500-1600	on	15265 W	250 kW / 180 deg	CAF	English
1630-1700	on	17530 W	250 kW / 180 deg	CAF	Portuguese Fri
2030-2100	on	9810 W	250 kW / 180 deg	CAF	Hausa Mon-Fri
1400-1500	on	11640 W	100 kW / 105 deg	WAs	Kurdish
1400-1500	on	17870 W	250 kW / 120 deg	WAs	Kurdish
1700-1800	on	15130 N	100 kW / 113 deg	WAs	Kurdish
0130-0230	on	6095 W	250 kW / 105 deg	WAs	Persian
1500-1600	on	13570 W	250 kW / 090 deg	WAs	English
1600-1700	on	13745 W	250 kW / 090 deg	CAs	Georgian
1730-1800	on	7435 W	250 kW / 090 deg	CAs	Azeri

Deewa Radio

1700-1800	on	9780 W	250 kW / 090 deg	SAs	Pashto
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Brother Stair/The Overcomer Ministries:

1400-1500	on	9655 W	100 kW / 285 deg	WEu	English
1500-1600	on	13810 W	100 kW / 120 deg	N/ME	English

Lutheran World Federation Voice of Gospel

1830-1900	on	11975 F	500 kW / 180 deg	WCAf	Fulani
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Voice of Croatia:

2200-0300	on	9925 W	100 kW / 255 deg	SAm	Croatian till Sep. 6
2300-0100	on	9925 W	100 kW / 300 deg	NEAm	Croatian till Sep. 6
0100-0300	on	9925 W	100 kW / 315 deg	NEAm	Croatian till Sep. 6
0300-0500	on	9925 W	100 kW / 325 deg	NWAm	Croatian till Sep. 6

2200-0300	on	7375 W	100 kW / 255 deg	SAm	Croatian from Sep. 7
2300-0100	on	7375 W	100 kW / 300 deg	NEAm	Croatian from Sep. 7
0100-0300	on	7375 W	100 kW / 315 deg	NEAm	Croatian from Sep. 7
0300-0500	on	7375 W	100 kW / 325 deg	NWAm	Croatian from Sep. 7

Gospel For Asia (GFA):

2330-0030	on	9520 W	250 kW / 075 deg	SEAs	Various SEAs langs
0030-0130	on	9520 W	250 kW / 090 deg	SAs	Various SoAs langs
1230-1500	on	15350 W	250 kW / 090 deg	SAs	Various SoAs langs
1330-1530	on	15390 W	250 kW / 075 deg	SEAs	Various SEAs langs
1530-1630	on	15215 F	250 kW / 086 deg	SAs	Various SoAs langs

Bible Voice Broadcasting Network (BVBN):

0700-0745	on	5945 W	100 kW / 300 deg	Sat	to WEu	English	
0700-0730	on	5945 W	100 kW / 300 deg	Sun	to WEu	English	
1800-1830	on	6130 N	100 kW / 069 deg	Tue	to EEu	Russian	
1800-1815	on	6130 N	100 kW / 069 deg	Fri	to EEu	Russian	
1800-1815	on	6130 N	100 kW / 069 deg	Thu	to EEu	Ukrainian	
1815-1845	on	6130 N	100 kW / 069 deg	Sat	to EEu	English	
1800-1900	on	6130 N	100 kW / 069 deg	Sun	to EEu	English	
0900-1000	on	17535 W	125 kW / 135 deg	Fri	to NAF	Arabic	
1630-1730	on	13720 W	100 kW / 165 deg	Daily	to CEAF	Nuer/Dinka	
1600-1630	on	17515 F	100 kW / 131 deg	Mo/Th/Fr/Su	to EAF	Oromo	
1700-1730	on	17515 F	100 kW / 131 deg	Mon/Tue/Fri	to EAF	Tigrinya	
1730-1830	on	17515 F	100 kW / 131 deg	Mon/Wed/Fri	to EAF	Amharic	
1700-1800	on	17515 F	100 kW / 131 deg	Tue/Thu	to EAF	Amharic	
1830-1930	on	17515 F	100 kW / 131 deg	Fri	to EAF	English	
1630-1745	on	17515 F	100 kW / 131 deg	Sat	to EAF	Amharic	
1745-1800	on	17515 F	100 kW / 131 deg	Sat	to EAF	English	
1630-1800	on	17515 F	100 kW / 131 deg	Sun	to EAF	Amharic	
1800-1830	on	17515 F	100 kW / 131 deg	Fri-Sun	to EAF	Somali	
1800-1900	on	9430 N	250 kW / 125 deg	Sat	to N/ME	English	
1815-1845	on	9430 N	250 kW / 125 deg	Sun	to N/ME	English	
1700-1720	on	13580 F	250 kW / 115 deg	Mo/Tu/Th/Fr	to N/ME	Arabic	
1700-1735	on	13580 F	250 kW / 115 deg	Wed	to N/ME	Arabic	
1715-1800	on	13810 W	100 kW / 120 deg	Mon/Wed/Fri	to N/ME	Arabic	
1700-1730	on	13810 W	100 kW / 120 deg	Tue/Thu	to N/ME	Arabic	
1645-1700	on	15215 W	100 kW / 120 deg	Mon/Wed	to N&ME	English	
1700-1715	on	15215 W	100 kW / 120 deg	Mon/Wed	to N&ME	Hebrew	
1715-1745	on	15215 W	100 kW / 120 deg	Mon/Wed	to N&ME	English	
1645-1800	on	15215 W	100 kW / 120 deg	Tue	to N&ME	English	
1630-1720	on	15215 W	100 kW / 120 deg	Thu	to N&ME	English	
1720-1730	on	15215 W	100 kW / 120 deg	Thu	to N&ME	Music	
1730-1745	on	15215 W	100 kW / 120 deg	Thu	to N&ME	English	
1645-1715	on	15215 W	100 kW / 120 deg	Fri	to N&ME	English	
1645-1800	on	15215 W	100 kW / 120 deg	Sat	to N&ME	English	
1645-1900	on	15215 W	100 kW / 120 deg	Sun	to N&ME	English	
0400-0430	on	9410 W	100 kW / 105 deg	Sat-Mon	to WAS	Luri	
0500-0530	on	9735 W	250 kW / 105 deg	Thu	to WAS	Arabic	
0500-0515	on	9735 W	250 kW / 105 deg	Fri	to WAS	Arabic	
1830-1900	on	11855 W	100 kW / 105 deg	Tue/Sun	to WAS	Persian	
1800-1830	on	11855 W	100 kW / 105 deg	Fri	to WAS	Persian	
1800-1900	on	11855 W	100 kW / 105 deg	Thu	to WAS	Persian	
1800-1815	on	11855 W	100 kW / 105 deg	Sat	to WAS	Persian	
1530-1730	on	15300 W	100 kW / 090 deg	Daily	to WAS	Persian	till July 31
1530-1730	on	13590 W	100 kW / 090 deg	Daily	to WAS	Persian	from Aug. 01
1530-1545	on	13630 W	250 kW / 090 deg	Sun	to WAS	Persian	
0100-0115	on	9490 W	250 kW / 090 deg	Sat	to SAs	English	
0100-0115	on	9490 W	250 kW / 090 deg	Sun	to SAs	Tibetan	
1530-1600	on	15275 F	100 kW / 090 deg	Wed/Fri	to SAs	Urdu	
1530-1600	on	15275 F	100 kW / 090 deg	Thu	to SAs	English	
1515-1530	on	15275 F	100 kW / 090 deg	Fri	to SAs	Punjabi	
1515-1530	on	15275 F	100 kW / 090 deg	Sat	to SAs	English	
1400-1430	on	17495 W	250 kW / 090 deg	1st Sun	to SAs	English	
1430-1500	on	17495 W	250 kW / 090 deg	Sat/Sun	to SAs	English	
1300-1330	on	15180 TRM	250 kW / 045 deg	Mon-Sat	to EAs	Japanese	
1300-1400	on	15180 TRM	250 kW / 045 deg	Sun	to EAs	Japanese	
1100-1130	on	15270 TRM	125 kW / 045 deg	Mon	to EAs	Chinese	
1100-1115	on	15270 TRM	125 kW / 045 deg	Tue-Thu	to EAs	Cantonese	
1100-1130	on	15270 TRM	125 kW / 045 deg	Fri-Sat	to EAs	English	
1100-1200	on	15270 TRM	125 kW / 045 deg	Sun	to EAs	English	
1500-1515	on	13740 W	250 kW / 090 deg	Sun	to SEAs	English	

WYFR (Family Radio):

1900-2000	on	11840 N	500 kW / 210 deg	to WAF	French	
2000-2100	on	9595 W	500 kW / 210 deg	to WAF	French	

2000-2200 on 6115 W 250 kW / 210 deg to WAF Arabic
 1800-1900 on 13750 W 500 kW / 180 deg to WCAf English
 2100-2200 on 9715 W 500 kW / 180 deg to WCAf French
 1700-1800 on 13840 W 100 kW / 180 deg to NEAf Arabic
 1800-1900 on 11955 W 250 kW / 150 deg to NEAf Arabic
 1900-2000 on 9590 W 250 kW / 150 deg to NEAf Arabic
 1600-1700 on 15160 N 500 kW / 140 deg to EAF Oromo
 1600-1700 on 15750 W 500 kW / 150 deg to EAF Amharic
 1600-1700 on 13645 N 250 kW / 125 deg to N/ME Arabic
 1700-1800 on 15560 F 250 kW / 110 deg to N/ME Arabic
 1600-1700 on 13615 N 500 kW / 095 deg to WAS Persian
 1700-1800 on 13740 N 500 kW / 095 deg to WAS Persian
 1400-1500 on 13735 TRM 250 kW / 335 deg to CAS Uzbek
 1300-1500 on 17580 W 500 kW / 090 deg to SAs Bengali
 1400-1500 on 15570 N 500 kW / 090 deg to SAs Oriya
 1400-1500 on 15690 F 500 kW / 090 deg to SAs Malayalam
 1400-1600 on 15670 N 500 kW / 095 deg to SAs Hindi
 1400-1600 on 17800 F 500 kW / 090 deg to SAs Sindhi/Kannada
 1500-1600 on 13790 F 500 kW / 085 deg to SAs Tamil
 1500-1600 on 15495 F 500 kW / 100 deg to SAs Gujarati
 1500-1600 on 15650 F 500 kW / 085 deg to SAs Marathi
 1200-1300 on 13630 TRM 250 kW / 075 deg to SEAs Tagalog
 2200-2400 on 11830 GUF 500 kW / 170 deg to SAm Portuguese
 2200-2400 on 15280 GUF 500 kW / 215 deg to SAm Spanish
 (DX Mix News, Bulgaria, July)

Some MBR changes in August 2012:

Radio Dardasha 7

0330-0345 NF 9440 W 125 kW 105 deg to WeAs Persian, ex 9460

OGM Radio Horiyo Ogadeniya

1600-1630 NF 17630 F 500 kW 130 deg Tue/Sat to EaAf Somali, ex 15170

Voice of Oromiyan Liberation Front:

1700-1730 15170 W 125 kW 135 deg Sun to EAF Oromo, ex 1600-1630 ISS 500

Pan American Broadcasting (PAB)

1930-2030 9515 W 250 kW 150 deg Wed/Sa to NAF English till Sep.22

1930-2030 9515 W 250 kW 150 deg Sa to NAF English from Sep.23

HCJB Global Voice

2215-2245 NF 11920 W 100 kW 240 deg to BRA German, ex 2300-2400 9835 SGO

2245-2300 11920 W 100 kW 240 deg to BRA Kulina, ex same freq via SGO

2300-0045 11920 W 100 kW 240 deg to BRA Portuguese, ex same freq via SGO

(DX MIX News, via wwdxc BC-DX TopNews Aug 10)

GERMANY / KUWAIT / PHILIPPINES / SRI LANKA - Frequency changes for Voice of America:

1000-1030 NF17840 CLN-IRA 250 kW 239 deg to SoAF, ex17850 Portuguese Sat/Sun

1400-1500 NF15215*W 100 kW 105 deg to WeAS, ex11640 Kurdish

1500-1530 NF 9540 PH 250 kW 315 deg to CeAS, ex 9580 Uzbek

*strong co-ch IRRS Brother Stair TOM in English via TIG to same target area

Additional frequency of Radio Free Asia in Tibetan from Aug 6:

2200-2300 11975 KWT 250 kW 058 deg to CeAS // 7505 9815 9880

(DX MIX News, via wwdxc BC-DX TopNews Aug 10)

GUAM - Some changes of AWR KSDA from July 24:

1100-1130 15540 SDA 100kW 255deg SEAs Indonesian, exTRM

1130-1200 15540 SDA 100kW 255deg SEAs Javanese Mo/We/Fr, exTRM

1130-1200 15540 SDA 100kW 255deg SEAs Sundanese Su/Tu/Th/Sa, exTRM

1200-1300 NF 9720 SDA 100kW 300deg EAs Chinese, ex15490 TRM

1300-1330 NF11750 SDA 100kW 270deg SEAs Khmer, ex17635 TRM

1330-1400 NF11750 SDA 100kW 270deg SEAs Khmer Sun, ex17635 TRM

1330-1400 NF11880 SDA 100kW 270deg SEAs Thai Mo-We/Fr, ex17635 TRM
 1330-1400 NF11880 SDA 100kW 270deg SEAs Lao Thu/Sat
 1400-1500 12105 SDA 100kW 315deg EAs Chinese, exTRM
 1500-1530 15715 SDA 100kW 285deg SEAs Karen, exTRM
 1530-1600 NF15330 SDA 100kW 285deg SAs Marathi, ex7410 TRM
 1600-1630 11835 SDA 100kW 300deg SAs Urdu, exTRM
 1630-1700 11740 SDA 100kW 300deg SAs English, exTRM
 2100-2200 11750 SDA 100kW 315deg EaAS Chinese Mon-Sat, exTRM
 2100-2200 11750 SDA 100kW 315deg EaAS Cantonese Sun, exTRM
 2200-2230 NF11850 SDA 100kW 255deg SEAs Javanese Su/Tu/Th, x9545TRM
 2200-2230 NF11850 SDA 100kW 255deg SEAs Sundanese Mo/We/Fr/Sa, x9545TRM
 (DX MIX News, via wwdxc BC-DX TopNews Aug 1)

GUATEMALA - 4055, TGAV, Radio Verdad (presumed); 0416-0432+, 25- July; Spanish religious program with old-style hymns and organ accompaniment and organ solos. Organ music very reminiscent of old radio programs. No BoH break. SIO=352 with mucho QRN (Harold Frodge, Midland MI, USA, Drake R8B + 85 ft. RW and 180 ft. center-fed RW, logged by my ears, on my receiver, in real time! DXLD)

4055, Radio Verdad, Chiquimula, 0515-0606*, 29-07, male with religious comments in English, religious songs, identification at 0557: "Estación Evangélica Radio Verdad, onda corta 4055 kHz banda de 75 metros, Chiquimula, Guatemala, Centro América", anthem. 15321 (Manuel Méndez, Lugo, Spain, Logs in Friol, Sony ICF SW 7600 G, Cable antenna, 10 meters, dxldyg via DXLD)

INDIA - AIR Bengaluru changes --- As one 500 kW SW transmitter at AIR Bengaluru is being replaced by a new DRM one, the following changes are noted from there.

11620 1215-1315 Burmese changed to Delhi

9690 1330-1500 English dropped

11620 1615-1715 Russian dropped

(Jose Jacob, VU2JOS, National Institute of Amateur R., Hyderabad, India, Aug 5, dxldyg via WOR 1629, DXLD)

4949.987 AIR Radio Kashmir Srinagar observed from 2200 UT July 20th with S=8-9 signal here in Germany. Extended Hindi / Kashmiri service noted on Ramadan.

4970 AIR Shillong, 1230-1315, August 12. The hum I heard here on August 7 must have been a one day event! Today heard with good audio for the news in English followed by the usual Sunday program of "traditional" C&W songs (Glen Campbell "Rhinstone Cowboy", etc.); 1311 local ID and announcement for employment opportunity with AIR Shillong; 1315 into Hindi. (Ron Howard-CA-USA, dxld Aug 13)

9470.032 Odd frequency AIR Hindi sce from probably Aligarh site, mens chorus singer in probably Hindi language. At 2322 UT on July 20. Tiny signal S=6-7 strength into Germany. (wb, wwdxc BC-DX TopNews July 20)

11774.985 AIR Delhi Tibetan/Nepali services at 1200-1430 UT, loggend on AIR Panaji Goa frequency at 1405 UT July 27. S=6 poor sidelobe signal to Europe. Nice sweet Indian female singer, - in European ears ...

11669.966 odd frequency signal of AIR Dari/Pashto programs puzzled me at 1410 UT July 27, 1315-1530 UT registered and reported as Bangalore, but have my doubts ... is rather coming from Khampur site ... 34 Hertz odd signal obviously NOT from Bangalore site, latter is rather on even frequency.

Bangalore maybe on 7410 kHz now?, - and buzzy Aligarh 9910 kHz are both on EVEN frequency ... at present. (wb, wwdxc BC-DX TopNews July 27)

15040 Close to the airwave control band AIR from Khampur site scheduled, heard around opening interval signal at 1212 UT Aug 13, scheduled from 1215-1315 UT in Burmese at 132degrees (which is backlobe of EUR azimuth 312deg). Heavy UNDERMODULATED reception, S=7 signal in Germany. (wb, wwdxc BC-DX TopNews Aug 13)

INDONESIA - 9680.051 Saxophone music and lady announcer in Bahasa Indonesia noted before fade-out into Germany, domestic program of RRI Jakarta Cimanggis shortwave signal at 2318 UT July 20, S=6 tiny signal. (wb, wwdxc BC-DX TopNews July 20)

IRELAND [non] - Life FM from Cork via HCJB 3995 kHz. HCJB Germany is now broadcasting Life-FM every night from 2230 to 0000 UT on 3995 kHz in the 75m Band. Life-FM is a Christian community radio from Cork in Ireland. More Information can be found on: <<http://www.lifefm.ie/life/Index.html>> It would be quite interesting for us to know how reception is over Europe. (Stephan Schaa, HCJB Germany, Aug 4, dxldyg via DXLD)

ISRAEL - 15850, Galei Zahal; 2153-2204+, 28-July; M&W interview-- apparently the Hebrew world for telecommunications is, "telecommunications". 2159 EZL bumper & ID into news to 2202+ into EZL music. All in Hebrew. SIO=2+52+ (Harold Frodge, Midland MI, USA, Drake R8B + 85 ft. RW & 180 ft. center-fed RW, All logged by my ears, on my receiver, in real time! DXLD)

ITALY [non] - New IRRS/EGR broadcasts to EU, Africa and Asia/Pacific Hello There from Milano, Italy, Just a short message to let you know that we just started some new daily broadcasts to Europe, Africa and Asia/Pacific. Our newest schedule has been published on line at <<http://www.nexus.org/schedules/>>

Here is some details of broadcasts started today:

To Asia, 150 kW:

daily from 1400-1500 UTC on 15215 kHz

To Africa, 150 kW:

daily from 1700-1800 UTC on 17770 kHz

To Europe, 150 kW:

daily from 1900-2000 UTC on 7290 kHz

If you live in any of these targets, we will greatly appreciate receiving emails and reception reports. We have a limited number of new QSL cards that we will be glad to send to the first 50 correct reception reports. Thank You and best 73s (Ron Norton NEXUS-Int. Broadcasting Association)

FYI, They rent broadcast time and more transmitter capacity at the Spaceline company, which has taken over transmitter brokery time in Gavar, Armenia some years ago. Have taken over brokery on both Armenia and Bulgaria, Sofia Kostinbrod transmitting facilities. So if you want to see locations marked on the QSL card and should collect from the Italian Ron, let confirmation of Gavar, Armenia, location on the numbered QSL card demand. (wb)

JAPAN [non] - 11655, Aug 3 at 1312-1325, NHK via CANADA with nice short Bach piano pieces; 1325 on to something else with jazzy theme, mentioned Olympix.

11655, August 5 at 1324, NHK via CANADA with ``We Got the Beat``, by The Go-Go`s, girl-group from the 1980s; 1326 segué to song in Japanese.

NHK has no plans to continue this 13-15 UT broadcast to North America via another site once Sackville is kaput, but does plan to move most of the others to Guiana French; English at 0500 and 1200 will have to move to higher bands than 49m (gh, WOR 1629, DXLD)

KASHMIR - Caught Radio Kashmir, 4950, Srinagar on extended schedule for Ramadan last night (3 Aug) just before went off air, from tune-in at 2252 until went off air abruptly at 2257 UT. Programme mainly adverts (including Kashmir Motors I think!). WRTH 2012 says extended schedule for Ramadan 2145-2245, though this was a little after this time.

(Alan Pennington, Caversham, UK, AOR 7030plus / longwire, Aug 4, BDXC-UK yg via DXLD)

KUWAIT - Radio Kuwait Urdu Service Daily broadcasting 1600-1800 UT on 15540 Frequency. I am listening last 3 days regularly. After this Urdu Service end, English Service broadcast 1800 UT on 15540.

(Abid Hussain Sajid, Mailsi, Pakistan, Aug 3, dxldyg via DXLD)

15540, Radio Kuwait 3 August at 2040. Usual selection of western dance/disco songs and brief news in English at 2050. Signed off with correct frequency announcements - no mention any more of the non-existent morning shortwave transmission, and announcing 15540 for the 1800 UT evening transmission. Off promptly at 2100, immediately after the National Anthem. (Alan Roe, Teddington, UK, dxldyg via WOR 1629, DXLD)

MADAGASCAR - 15115 SW Radio Africa (apparently via Madagascar) 0600:44 s/on w/instru. Afro mx and EG ID by M "You're listening to a program from SW Radio Africa, Zimbabwe's independent voice", then intro for pgm "Crisis Analysis" including an ID. Then said pgm w/M host and many remote journalist reports. The signal suddenly dropped way down at 0622 UT and basically inaudible. Corresponded almost perfectly with a spike in the X-ray flux. Never did return. (Dave Valko-PA-USA, dxld July 29)

Outstanding on Dave's reception! His reception is of their new Saturday and Sunday schedule on 15115 kHz.

Yes, is via Madagascar. For a long time they were only on 4880 kHz and unheard here in California, so it is great to find out about this new schedule:

MADAGASCAR {ZIMBABWE(non)} - New morning transmission of SW Radio Africa on Sa/Su (not Voice of People): 0600-0800 UT on 15115 kHz MDG 250 kW / 265 deg to ZWE in English/Shona/Ndebele.

This per <<http://swldxbulgaria.blogspot.com/>>

(Ron Howard-CA-USA dxld July 30)

MADAGASCAR / UAE - Some of the Sudan/Somalia morning all news outlets heard around 0500-0515 UT. Sudan Radio Service Darfur in Arabic on odd 11800.039 kHz from Al Dhabbaya-UAE 0400 til 0500 UT.

And Al Dhabbaya UAE relay on odd 15549.956 kHz, Radio Tamazuj til 0429 UT, followed by Radio Dabanga 0429-0557 UT.

Also Dabanga radio program in Arabic for Sudan via MDG relay heard at 0510 UT on 15400.009 kHz.

And UAE relay of Radio Damal, Voice of Somali People in Somali was on very even nearby 15700.000 kHz, scheduled at 04-07 UT. (wb, wwdxc BC-DX TopNews July 23)

MALI - 5995.002 Tiny signal of low-modulated ORTM Radio Mali Bamako program, fluttery signal played WeAF music, at 2235 UT July 20. (wb, wwdxc BC-DX TopNews July 20)

MEXICO [and non] - 6185, Radio Educación, México DF. 0011 July 19, 2012. Old Torch music (French?), 0016 female ID. Fair. Would be better if Brazil wasn't spewing Braso-Portuguese garbage programming on 6180. July 19, 2118: seemingly feeder news, maybe the national thing, poor on slow fade-up. (Terry L Krueger, Clearwater, FL,..., DXLD)

MONGOLIA - 12085, V of Mongolia, Khonkhor (or Hönhör?), 0923-1027, 14/8, Japanese, songs, webpage announcement; IS at 0930 for Mongolian program; IS at 1000 for Mandarin; 25432, but improving a bit. A lot stronger on 15/8. (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

MOROCCO - 9575, August 2 at 0530, Médi 1 in French with "Bonjour au Maroc, cinq-heures-trente", informations; fair signal, better than adjacent 9580 Gabon (gh, DXLD)

NIGERIA - 15120 Voice of Nigeria Ikorodu, political news in French at odd time 0728 UT Aug 8. Transmission covered/accompanied by 50 Hertz BUZZ HUM audio signal, S=9 to S=9+5dB here in Europe. Madame commentary on Syrian terrorist/partizan fights, and Kurdish separate state area in northern Syria. (wb, wwdxc BC-DX TopNews Aug 8)

6089.847 Likely the powerful signal from West Africa in our European morning hour: Radio Nigeria Kaduna in Hausa hetting Universal Radio of Caribbean Beacon, Anguilla island on even 6090 kHz at 0417 UT July 23. (wb, wwdxc BC-DX TopNews July 23)

7275, FRCN, Abuja. 0626 July 22, 2012. Presumed the one, west African highlife vocal, Hausa or similar sounding man 0633, female 0626. Modulation rather low. Maybe on for Ramadan, if not always here (Terry L Krueger, Clearwater, FL, ..., DXLD)
0626 is right when TUNISIA turns 7275 off, uncovering Abuja (gh)

PAPUA NEW GUINEA - 6040 NBC Port Moresby with NBC National Radio programming. 0901 UT on July 24. Bird call; "Good night. This is N-B-C National News" till 0909 UT (July 23 late with the news; started at 0906); ads for BSP (Bank of South Pacific), free event at Port Moresby Sports Centre, Yellow Pages and PSA by teenagers about condom use; 0911 UT ID:

"N-B-C National Radio, the Voice of Papua New Guinea"; program with recorded reports and live phone conversation about the elections; 0940 tuned out. Heavy summertime QRN. (Ron Howard-CA-USA, wwdxc BC-DX TopNews July 24)

NBC 4890 kHz Future Plan - Rare good news --- My thanks to one of our very busy members for forwarding this info today.

In 2013 the NBC of PNG in Port Moresby will be looking for a new 25 kW SW TXer to replace the aging & dilapidated 100 kW transmitter that operated NBC National Radio on 4890 & 9675 kHz.

I'm pleased to hear that news. If all goes to plan I'm guessing NBC Port Moresby could possibly return to SW in late 2013/2014?? From my recollection of events the 100 kW txer operated at 50 kW for a good number of years & the power output reduced to 25kW in the last years of regular usage. So it would appear that their management are happy with the coverage offered by a 25 kW SW txer. If any of our members think they can assist the NBC in their quest for an attractively priced 25 kW SW transmitter please drop me a line.

(Ian Baxter, July 20, shortwavesties yg via WOR 1627, DXLD)

PERU - New 4810 Peruvian is Radio Logos, testing on air. 4809.9 Radio Logos. Chazuta, Peru. 2330-0310 UT Julio 24. En emisiones de prueba la nueva estacion peruana en banda tropical desde el distrito de Chazuta, con programacion en vernacular hasta las 0200, luego musica folclorica instrumental; para luego de las 0240 UT las primeras palabras en espanol "...primera de Juan, capitulo 1..." para luego lectura en vernacular, asi tambien el capitulo 2 y 3. A las 0258 UT completa identificacion por locutora en espanol.

"...Radio Logos naciendo en el corazon de la selva amazonica OAW9A, saliendo en prueba al aire en la frecuencia 4.81 MHz desde el distrito de Chazuta, ciudad de la amistad, provincia y region de San Martin para el Peru y el mundo. Transmitiendo para usted el mensaje de la palabra de Dios, Radio Logos invita a las personas que deseen hacer sus comunicados al Jiron Arica 3ra cuadra sin numero, Iglesia Evangeliza Central de Chazuta..."

En un correo anterior habia informado como nombre tentativo que seria "El habla de mi pueblo" pero al parecer por la ayuda recibida de HCJB y Ray Rising quien ayudo tambien en la Radio Logos de Bolivia, optaron por este nombre, asi no seria raro escuchar en sus emisiones la cadena Alas.
(Rafael Rodriguez-CLM, dxld July 25)

4775 R. Tarma, Tarma, 2231-2243, 10 Aug, Castilian, Indian songs, talks; 34332, QRM de B.

4955 R. Cultural Amauta, Huanta, 2210-2219, 12 Aug, Castilian (pres), exhalted talks, songs; 15331.

9674.9 Pacifico Radio, Lima, 2241-... UT on 10 Aug, Castilian, music; 23431, adjt. QRM de B on 9675 kHz.
(Carlos Goncalves-POR, dxld Aug 15)

PHILIPPINES - 15190 R. Pilipinas. Took a short break today from listening to Bangaldesh Betar to check on this. August 9 (Thursday) at 1804 UT noted in Tagalog and English with good signal; \ 11720 kHz (fair).

Aoki still shows the simulcasts for Tue-Wed-Thurs (R. ng Bayan and R. Magasin), but my recent observations are that they have dropped these simulcasts. Very unfortunate, as they were great fun to listen to. I should learn from this and in the future when I hear a program I really enjoy via SW, I should write to the station and express my appreciation.

17700 R. Pilipinas, 0211-0222, August 13. In English with extensive coverage about the new tropical storm headed their way; reports of rescue operations, evacuations and Philippine Red Cross operations due to the recent heavy monsoon rains. (Ron Howard-CA-USA, dxld Aug 13)

RVA Frequency Change (Urdu-Filipino)

Radio Veritas Asia will be implementing a frequency change on August 19, 2012 for the following broadcast:

Delete: 1430-1457 UTC Urdu 15435 kHz
Add: 1430-1457 UTC Urdu 15330 kHz

Delete: 1500-1553 UTC Filipino 15350 kHz
Add: 1500-1553 UTC Filipino 15320 kHz

(Ashik Eqbal Tokon-?, hcdx Aug 17)

PRIDNESTROVJE - 9665, Sunday August 5 at 2211, poor signal in Russian, must be Radio PMR as scheduled. I was noticing that there haven't been any logs of this reaching my desk for many weeks and wondered if it had vanished without notice. First checked it Friday August 3 at 2201, but that was too late, as their broadcast week concludes at 2100 Fridays, resumes at 2100 UT Sundays. Best chance for us to hear English is at 2230 Sun-Fri, unchecked. Lack of reports must be due to absolutely boring programming and poor summer reception over here, intended only for Europe (gh, DXLD)

ROMANIA - New txmissions of Brother Stair TOM via IRRS from Aug 1:

1400-1500 15215 TIG 100 kW 100deg SAs Daily
1700-1800 17770 TIG 100 kW 187deg CAf Su-Fr
1700-1730 17770 TIG 100 kW 187deg CAf Sa
1730-1800 17770 TIG 100 kW 187deg CAf Sat other programs of IRRS
1900-2000 7290 TIG 100 kW 290deg WEu Daily
(DX MIX News, via wwdxc BC-DX TopNews Aug 1) (see also IRRS comments under ITALY)

RUSSIA - Updated summer A-12 for Voice of Russia:

Arabic

1600-1700 5925 7305 12060 12065 12110

1700-1800	1314	5925	7305	9345	11795	12060	12065	12110
1800-1900	1314	7305	9345	12060	12110			
1900-2000	1314	7315	9345	9900	12060	12110		
2000-2100	1314	7315	9895	12060	12110			

Chechen

0500-0600	171	657						
1200-1300	171	657						
2000-2100	171	657						

Chinese

1000-1200	648	6075						
1200-1300	648	801	1080	6075				
1300-1400	648	9560						

Dari / Pashto

1200-1400	648	1503	4975	15510				
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English WS

0000-0100	9665	9800							
0100-0200	648	972	1503	9665	9800				
0200-0300	648	972	1503	9665	15425				
0300-0400	648	972	1314	1503	9665	15425			
0400-0500	1314	1323	13775	15760					
0500-0600	1323	13775							
0600-0800	1323	11830	DRM#1	21800	21810				
0800-0900	1323	9850	DRM#1	11830	DRM#1	21800	21810		
0900-1000	9560	9850	DRM#1	11830	DRM#1	15170	21800	21810	
1000-1100	9560	11500	15170						
1100-1200	9560	11500	12030	DRM#1	12065				
1200-1300	972	9445	DRM#1	9560	9850	DRM#1	11500	12030	DRM#1
1300-1400	972	9560	9850	DRM#1	12065	12095	DRM#1		
1400-1500	648	1251	4975	9560	11500	11840	12095	DRM#1	
1500-1600	1251	1503	4975	9560	11840	15640			
1600-1700	1503	1251	4975	6070	DRM#1	7285	7370	DRM#1	11985
1700-1800	648	1251	1503	4975	7285	7370	DRM#1	11985	12040
1800-1900	648	1503	4975	7370	DRM#1	9880	DRM#1	9900	12040
1900-2100	6155	DRM#1	12040						
2100-2200	6155	DRM#1							
2200-2300	9800								
2300-2400	9665	9800							

French

1600-1700	9745	9900	11635	12000					
1700-1800	9745	9900	11610	11635	12000				
1800-1900	9880	DRM#1	11610	11635	12000	12050	15465		
1900-2000	558	1323	6155	DRM#2	11635	12000	12050	15465	
2000-2100	558	1323	6155	DRM#2	11635	12000			

German

0900-1000	630	693	1323	1431	9850	DRM#2	11830	DRM#2	15700
1000-1100	630	693	1323	1431	9850	DRM#2	15700		
1100-1200	630	693	1323	1431	9850	DRM#2			
1500-1700	630	693	1323	1431	6155	DRM#1	12010	12095	DRM#1
1700-1800	630	1323	1431	6155	DRM#2	9880	DRM#2	12010	
1800-1900	630	693	1323	1431	12010				

Hindi

1300-1400	9445	DRM#1	9670	11500					
1500-1600	972	9445	DRM#1	9670	9745				

Italian

1700-1800	558	6155	DRM#1	9880	DRM#1	12050	15465		
2130-2230	1548								

24

Japanese

1200-1400 720 7235 7340

Kurdish

0500-0600 15760

1500-1600 5925

Mongolian Mon-Sat

1300-1400 801 1080 6075

Persian

1500-1700 648 1314 1377 9345 12015

Polish

1700-1800 693 1143 9615

Portuguese

2100-2200 5920 6155 DRM#2

2200-2400 12060

Russian WS

0000-0100 657 801 1395 9430

0100-0200 657 801 1314 1395 9430

0200-0300 171 657 801 1314 1395 9430 11965

0300-0400 171 657 801 11965

0400-0500 171 621 630 657 693 801 999 1395 1548 11965

0500-0600 621 630 693 801 999 1395 1431 1548 11965

0600-0700 171 621 630 693 801 999 1431 1548 11830 DRM#2

0700-0800 171 621 630 693 801 999 1431 11830 DRM#2

0800-0900 171 621 630 657 693 801 999 1395 1431 9850 DRM#2

11830 DRM#2

0900-1000 171 621 657 801 999 1395

1000-1200 171 621 657 801 999 1395 9850 DRM#1

1200-1300 621 630 693 801 999 1323 1395 1431 5925 9745 9850 DRM#2

12085 13870

1300-1400 171 621 630 657 693 801 999 1323 1395 1431 5925 9465

9745 9850 DRM#2 11860 12015 12095 DRM#2 13870

1400-1500 171 621 630 657 693 801 999 1323 1395 1431 5925 7285

9900 11860 12015 13870

1500-1600 171 621 657 801 999 1026 1089 1143 1215 1395 7285 9615

9900 11635 12015 12040

1600-1700 171 657 801 999 1026 1089 1143 1170 1215 1395 6070 DRM#2

7310 9615 11730 15640

1700-1800 171 657 801 999 1026 1089 1170 1215 1395 1494 1548 7310

11730 12015 15640

1800-1900 171 657 801 1026 1089 1170 1143 1215 1395 1413 1494 7310

1900-2000 171 630 657 693 801 1026 1089 1170 1323 1395 1143 1413

1431 7310

2000-2100 630 693 801 999 1026 1143 1170 1215 1395 1431

2100-2200 630 657 693 801 999 1143 1170 1395 6155 DRM#2

2200-2300 657 801 1395 9465 12155

2300-2400 657 9430 12155

Serbo-Croatian

1500-1700 6155 DRM#2 11610 12095 DRM#2

2000-2130 1548 9470

Spanish

0000-0500 12060 12155

2000-2100 5920

Turkish

0100-0300 1377

0300-0500 1350

1300-1400 1350

1400-1500 1170 1350 7325 11985
 1500-1600 1170 7325 11985
 2100-2230 1314

Urdu

1400-1500 972 9445 DRM#1 9670 9745

Uzbek

1700-1800 1503

Vietnamese

1200-1300 12065

DRM#1=Channel 1

DRM#2=Channel 2

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Aug 10)

Additional frequencies for Voice of Russia:

0600-1000 21800 Nov 250 kW 145 deg to AUS in English

0900-1100 15700 Sam 250 kW 284 deg to WEu in German

(DX MIX News, via wwdxc BC-DX TopNews Aug 1)

11840 1400-1600 UT Voice of Russia in English, from Far East relay, opening procedure by giving 1000 Hertz tone from 1352 to 1359 UT. Petropavlovsk-Kamchatskiy relay. S=7-8 even towards Europe.
 (wb, wwdxc BC-DX TopNews July 27)

9560 Voice of Russia in English at 12-13 UT time slot heard at fair S=7 signal level on remote SDR unit on Vancouver BC-CAN. Registered 09-16 UT in various language to South East Asia, from Far Eastern Russia Vladivostok Razdolnye relay site.

15170 Suffering signal but fair on clear channel, Voice of Russia Chita relay in English at 1000-1100 UT, S=6 signal here on backlobe in Europe, Aug 9. (wb, wwdxc BC-DX TopNews Aug 8/9)

12055 TWR India's Haryanvi{Fris} language service from Irkutsk Russia relay site, logged ladies singer in SoAs music type, at 1330-1345 UT July 27. Not much strong S=6-7 signal traced on even sid-/backlobe into Germany.

6160 kHz Radio Rossii from Arkhangelsk, 20 kW, heard at 0339 UT on July 4, in Russian language / 55 555. (Alexander Beryozkin, St. Petersburg-RUS; RUSdx July 22)

RWANDA - Radio Rwanda in Kinyarwanda, 7 Aug 2012, 1933 UT, 6055 (42332) with radio drama and co-channel QRM by CRI French from Albania (also 42332). 73, (Eike Bierwirth, Zingst / Germany, from the Baltic Sea shore at 54 26 N, 12 41 E. Rx: Perseus SDR, DX-10 Active antenna on a 3m pole in the garden. Stronger signals than on the same setup at home downtown QTH, dxldyg via DXLD)

SINGAPORE [and non] - 11965, July 27 at 1310, station in Chinese has distorted modulation, plus variable-pitch squeal depending on the modulation. During pauses, it stays at one pitch. Carrier itself is OK per BFO check. At 1332 this has cleared up.

HFCC shows DW has two separate transmissions in Chinese at 1300-1330 & 1330-1400 altho with identical parameters, 250 kW, 13 degrees also USward from Singapore. The separate entries may well be due to different transmitters normally employed for logistical reasons, also explaining the clearup.

BTW, Turkey in Russian is also registered this hour on 11965 from Emirler, unheard (nor any trace of 15450 English around 1235 today) (gh, DXLD)

SOMALIA [Somaliland] - New 100 kW transmitter for Radio Hargeisa.

<<http://somalilandsun.com/index.php/politics/government/1042-somaliland-100kw-radio-transmitter-under-installation>>

The awaited new SW transmitter for Radio Hargeisais hoped to be at least testing before August 10.

Various sources within and without Somaliland indicate that 15 Chinese technicians are currently installing the new 100 kW.

Radio Hargeisa SW xmtr. This is in Somaliland, once British Somaliland, but now an "unrecognized" breakaway area from nominal and mostly non-functioning Somalia. The rump Somaliland government does seem to be

functioning, and while not recognized by world governments, there are, indeed, significant trading partners, including China and Turkey.

In fact, it is difficult to find any data on Chinese SW xmtr manufacturers, though surely there have been, and probably still are, such makers. But, Chinese firms are known to have brokered and installed some high powered SW transmitters made by RIZ, the Croatian electronics mfgr (e.g., in Myanmar) so while the transmitter, indeed, may be Chinese in make, it could instead be the economical, solid state RIZ OR-100 K-03/A SW transmitter made in Croatia, which has received decent reviews as relatively cheap and reliable, particularly in low-tech Third World areas.

The transmitter, antenna, etc. entered Somaliland by air sometime in June and were stored at the guarded Ministry of Information compound in Hargeisa. Two Chinese techs arrived about the same time, with 13 more arriving very early in July.

Of course, in practice, the estimated 40 day maximum installation time could be delayed beyond the scheduled completion Aug. 10. It would be surprising if that deadline is actually met. But the time frame, in reality, should be reasonably short.

What we don't yet know is what frequency will be used for tests or eventual regular service. We should be on the alert though for a big newsignal testing soon. (Don Jensen-WI-USA, DXplorer July 22)

Probably I guess only the well known Chinese transmitter manufacturer BBEF will erect this 100 kW SW unit, as well has done in whole Africa, like Ethiopia, Sudan, Mali, Chad, Zanzibar and Eritrea ... as well as Korea D.P.R. too. (wb, wwdxc BC-DX TopNews July 22)

SOUTH AFRICA - 7395.009 NHK Radio Japan Tokyo in Swahili via Meyerton relay site, scheduled 0315-0400 UT, observed around 0350-0358 UT, poor signal S=4 level here in Germany. Compared with DWL 7300 kHz latter which is stronger here in Europe. (wb, wwdxc BC-DX TopNews Aug 12)

SRI LANKA - THE LARGE DEUTSCHE WELLE RELAY STATION AT TRINCOMALEE.

The picturesque and strategic harbor at Trincomalee is situated on the east coast of the island of Sri Lanka, at around one third of the way down the total eastern coastline. The harbor is well attested in ancient times, and it was visited by the famous Italian explorer and traveler, Marco Polo, on his return visit from China in the year 1292. The harbor was in use by the British Royal Navy as a submarine base during World War 2, acting as a guard point to the wide Bay of Bengal. There was also a British Royal Air Force base nearby.

On August 12, 1980, representatives from Deutsche Welle in Germany and the Sri Lanka Broadcasting Corporation in Colombo signed a mutual agreement, whereby a large radio broadcasting station, mediumwave & shortwave, would be constructed at the former Royal Navy Base, a dozen miles north of Trincomalee Harbor. This original agreement provided for one mediumwave transmitter at 600 kW, three shortwave transmitters at 250 kW, and one communication transmitter at 10 kW. An additional clause provided for a doubling of the station's broadcasting equipment, if needed.

The Trincomalee site is located in the community of Perkara and it was originally under consideration for use by Trans World Radio TWR, though they subsequently preferred to build their station north of Colombo, near the west coast of the island. The original concept on the part of Deutsche Welle was that the large Trincomalee-Perkara relay station would be a joint project between Deutsche Welle in Germany & Radio Tehran in Iran.

Throughout the development of the station, progress always seemed to be somewhat slow, due to the isolation of the area, and at times also to the incursions of local insurgents. Construction work on the 242 acre site at Perkara began in October 1982. Some of the old colonial buildings from the British days were modified and updated for use by the station, and several buildings were constructed new.

Local wildlife also played its part at various times in causing disruption at the station, with occasional elephant herds breaking through the perimeter fencing and tramping through the property. Then again, there were the occasional fights and adventures on the part of monkeys who enjoyed swinging through the wires in the curtain antenna systems. Crocodiles also ventured onto the station property on occasions.

Test broadcasts from the first shortwave transmitter were noted on December 1, 1984, and also from the second shortwave transmitter a few weeks later, in early January 1985. In April, test broadcasts were noted from the mediumwave transmitter; and in mid year, the third shortwave transmitter became airborne. Electric power was generated at the station itself.

The final configuration of the four broadcast transmitters was a little different from that which was originally envisaged. The 600 kW mediumwave transmitter became two at 300 kW, though the total output on 1548 kHz was dropped to 400 kW. The three shortwave transmitters at 250 kW each became two at 300 kW and one at 250 kW, though all were in use on air at 250 kW each. This electronic equipment was provided by the German electronics giant, Telefunken. The original program feed was provided via Colombo, with 5 FM transmitters perched on top of Sri Lanka's second highest mountain, at Radella. In due course, the program feed from Germany was taken off satellite at Perkara.

Deutsche Welle Perkara-Trincomalee was ready for full service in October 1988, but this usage was postponed until the middle of the following year, due to a shortage of local trained staff. The three shortwave transmitters were heard at good level throughout Asia, and well beyond also. The mediumwave transmitter was also heard quite widely.

Multitudinous QSL cards have been issued in confirmation of wide coverage areas of Deutsche Welle Sri Lanka. According to one reference, the official Sri Lankan callsign for this mighty station was 4QQ, though no callsign was ever used on air.

There were times when the station was closed, and at times the staff was evacuated to safe locations when insurgents infiltrated the area. On those occasions, DW programming to the Trincomalee coverage areas was carried by Radio Veritas in the Philippines, and also by shortwave stations located in the southern countries of the former Soviet Union.

As is happening these days to so many important shortwave stations throughout the world, downsizing is now part of the picture. Deutsche Welle decided to close two of its major shortwave relay stations, Sines in Portugal & Trincomalee in Sri Lanka. At the end of October last year Deutsche Welle programming from the Trincomalee relay station came to an end, though some client programming remained on the air until the end of the year.

However at this stage, the noted Victor Goonetilleke in Colombo reported that the SLBC carried one program via the Trincomalee station, and this was a three hour broadcast in the Sinhala language beamed to the Middle East on 11750 kHz from 1530 to 1830 UT.

Then Jose Jacob VU2JOS at Hyderabad in India noted a brief series of test broadcasts from the mediumwave transmitter on 1548 kHz, when a simple station announcement was given in several languages. That was earlier this year.

On January 1 earlier this year, the large international radio broadcasting station located at Perkara-Trincomalee was taken over by the Sri Lanka Broadcasting Corporation. That was the end of an era; alas DW Sri Lanka is no more! (Adrian Peterson-IN-USA, AWR Wavescan script April 8, also via dxld)

Sorry, I have been somewhat busy in the last 2 months getting SLBC's new QSLs organized. They are all now ready and being issued. Thanks to Christoph Ratzler for having done an excellent job of printing. If you need any help I will be happy to help. E-mail the report addressed to the Director General SLBC. If you have old reports with sound clips which are conclusive I will dig up records and get QSLs. The current schedule goes like this:

0025-0300 (Sun 0500) English All Asia 6005 / 9770 / 15745
 0015-0330 7190 / 11905 Vernacular Service, but English news at 0215,
 a repeat of the English news at 0200 UT on the Asia English Service
 0830-1215 Vernaculars 6005 / 11905
 1630-1835 11750 Sinhala with some Tamil and English via Trincomalee ex Deutsche Welle station 250 kW.

For reception reports sent to me by friends, QSLs are signed by the Deputy Director General Engineering which I collect and post to make sure it does get done. You are free to send them direct to SLBC of course. (Victor Goonetilleke-CLN 4S7VK in DXplorer Aug 7)

SWAZILAND - 4774.993 TWR Africa from Manzini Swaziland, in Vernacular, S=7-8 signal here in Germany, sermon by two male and female - announcer. 0356 UT July 23. (wb, wwdxc BC-DX TopNews July 23)

SYRIA [and non] - Radio Damascus in Syria was logged on 8 August 2012. An English language broadcast of Arabic music, Syrian perspective on the country's current unrest and cultural topics was monitored from 2115 to 2200 UT. This Broadcast was observed on 9330 kHz. Reception (SINPO) was 44544 -- good signal strength, slight transmitter hum, otherwise audible speech and music. At 2130 some transmission problem was noted; transmitter was switched off and on. At 2133 transmitter stabilized.

Reception report was emailed on the same day. Later in the evening I received this confirmation [from] Rasheed Haidar, English Program, Radio Damascus: "Thank you so much for your letter and reception report. I will have my colleagues send you the QSL Card, and please keep following up the English Program, I will have my colleague of "the Overseas Listeners Program" answer your letter next episode."

(T. L. Breyel, Malaysia at 10:57 PM via DXLD) WBCQ no problem there. (gh)

TAIWAN - 11605.108 Radio Taiwan International Japanese service, nx heard at 0803 UT Aug 14. Registered 08-09 UT from Tainan-TWN tx site. (wb, wwdxc BC-DX TopNews Aug 14)

7459.987 YFR Family Radio Vietnamese sce 12-13 UT at Aug 16, S=9 signal noted at 1235 UT on remote unit in Australia. Via Pao Chung site at Taiwan.

9939.869 YFR Family Radio in Vietnamese via Tainan-TWN relay site, 1300-1357 UT noted at 1318 UT, and co-channel disturbed like jamming by OTHR swinging carrier noise, but latter could be also an independent signal service ... (wb, wwdxc BC-DX TopNews Aug 16)

U.S.A. - 11565.009 WHRI Cypress Creek, English sce sermon "in a quiet manner". S=9+20dB strength observed on remote SDR rx unit in Australia.

US address given at 0814 UT Aug 14. Something seems wrong with the audio feed, heard some low level speech echo in background, like "over inductive radiation recording" from backside magnetic tape ?

(wb, wwdxc BC-DX TopNews Aug 14)

WTJC 9367v kHz hat z.Zt. Sendepause wegen technischer Probleme.

(wb, wwdxc BC-DX TopNews Aug 10)

Frequency change of WYFR Family Radio in English:

2230-0300 NF 6145 YFR 100 kW 355 deg to NAm, ex 6115

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Aug 10)

U.S.A. [non] [GERMANY / KUWAIT / SAO TOME / SRI LANKA / THAILAND]

Frequency changes of IBB:

Voice of America in Kinyarwanda

0330-0400 NF 9815 STP 100 kW 100 deg, ex11905 IRA

Voice of America in Somali

0330-0400 NF11905 CLN-IRA 250 kW 275 deg, ex6135 SAO

Voice of America in Tibetan from August 1:

0000-0100 7250 KWT 250 kW 080 deg, exDaily now Sat/Sun

0000-0100 NF 7485 KWT 250 kW 080 deg, ex7250 Mon/Wed/Fri

0000-0100 NF 7525 KWT 250 kW 080 deg, ex7250 Tue/Thu

0300-0400 NF15485 TH 250 kW 313 deg, ex15265 Mon

0300-0400 NF15130 TH 250 kW 313 deg, ex15265 Tue

0300-0400 NF15135 TH 250 kW 313 deg, ex15265 Wed

0300-0400 NF15220 TH 250 kW 313 deg, ex15265 Thu

0300-0400 NF15410 TH 250 kW 313 deg, ex15265 Fri

0300-0400 NF15430 TH 250 kW 313 deg, ex15265 Sat

0300-0400 NF15470 TH 250 kW 313 deg, ex15265 Sun

0400-0500 NF15295 TH 250 kW 313 deg, ex15265 Mon

0400-0500 NF15345 TH 250 kW 313 deg, ex15265 Tue

0400-0500 NF15410 TH 250 kW 313 deg, ex15265 Wed

0400-0500 NF15470 TH 250 kW 313 deg, ex15265 Thu

0400-0500 NF15510 TH 250 kW 313 deg, ex15265 Fri

0400-0500 NF15155 TH 250 kW 313 deg, ex15265 Sat

0400-0500 NF15205 TH 250 kW 313 deg, ex15265 Sun

0500-0600 NF17490 TH 250 kW 324 deg, ex17735 Mon/Wed/Fri

0500-0600 NF17620 TH 250 kW 324 deg, ex17735 Tue/Thu

0500-0600 NF17685 TH 250 kW 324 deg, ex17735 Sat

0500-0600 NF17820 TH 250 kW 324 deg, ex17735 Sun

1400-1500 NF15280 TH 250 kW 321 deg, ex11510 Daily

1400-1500 NF17490 Lam 100 kW 077 deg, ex17730 Mon/Wed/Fri

1400-1500 NF17620 Lam 100 kW 077 deg, ex17730 Tue/Thu

1400-1500 NF17685 Lam 100 kW 077 deg, ex17730 Sat
 1400-1500 NF17820 Lam 100 kW 077 deg, ex17730 Sun
 1600-1700 NF17885 Bib 100 kW 085 deg, ex17670 Mon
 1600-1700 NF17485 Bib 100 kW 085 deg, ex17670 Tue
 1600-1700 NF17605 Bib 100 kW 085 deg, ex17670 Wed
 1600-1700 NF17625 Bib 100 kW 085 deg, ex17670 Thu
 1600-1700 NF17880 Bib 100 kW 085 deg, ex17670 Fri
 1600-1700 NF17630 Bib 100 kW 085 deg, ex17670 Sat
 1600-1700 NF17870 Bib 100 kW 085 deg, ex17670 Sun

Radio Free Asia in Burmese from August 1:
 0030-0130 NF 9510 CLN-IRA 250 kW 057 deg, ex17835 SAI

Radio Farda in Farsi
 0500-0530 NF13860 Lam 100 kW 092 deg, ex17840 Bib

Radio Liberty in Russian
 1200-1400 NF12025 Lam 100 kW 055 deg, ex7330 Lam
 (DX MIX News, via wwdxc BC-DX TopNews Aug 1)

ZAMBIA - 5914.992 ZNBC 1st program from Lusaka Zambia, played modern African nice bongo music at 0405 UT July 23, S=8-9 in peaks, and much fluttery across equator signal. (wb, wwdxc BC-DX TopNews July 23)

6165 Radio 2 / ZNBC Lusaka, 0335-0438, August 13. In English; hi-life songs; 0430 UT IDs: "Radio 2, the natural choice ... only on Radio 2, the natural choice, playing all today's classic sounds ... Radio 2, the natural choice"; phone calls; Lusaka sunrise was at 0425 UT. Still no trace of Chad! (Ron Howard-CA-USA, dxld Aug 13)

13590 CVC International Lusaka the CVI section from United Kingdom, at 06-20 UT noted via Australia remote unit on southern Indian Ocean path around 0800 UTC.

CVC Lusaka Makeni ranch SW 4965 6065 9430 9505 13590 13650 kHz.

13590	0600	2000	46SE	LUS	100	315	186	Eng	ZMB	CVC	CVI	
	9505	2000	2200	46SE	LUS	100	315	186	Eng	ZMB	CVC	CVI

Despite the UK CVC Internat fraction 13590 / 9505 is widely reported, but 4965 / 6065 south-african section CVO missed lately and REPLACED BY LOCAL FM SERVICES.

Formerly and now ceased services

6065	0500	1700	52E, 53W, 57N	LUS	100	0	755	Mis	ZMB	CVO	CVI
4965	1700	0500	52E, 53W, 57N	LUS	100	0	755	Mis	ZMB	CVO	CVI

(wb, wwdxc BC-DX TopNews Aug 14)

ZANZIBAR [TANZANIA] - My recent checks of Zanzibar on 6015 find that most days they turn on the transmitter just after 0300 (formerly played there is at about 0257), with audio coming up above threshold level about the time of their 0330 news (Ron Howard, CA, Aug 14, dxldyg via DXLD)

11735, R. Tanzania, Dole, Zanzibar, 1712-..., 14/8, Swahili, songs; 33432, adjacent QRM.
 (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

Editor's info desk was closed for this edition on August 18th, 2012, at 18:00 UTC.

Please also see our website for lists of broadcasts in German and English, updated regularly.

Sources & Contributors:

A-DX - e-mail exchange - Austria.
Alokesh Gupta - New Delhi - India.

BCDX - News Bulletin by Wolfgang W. Bueschel (wb) - Stuttgart - Germany.

CONEXION - CONEXION Digital - Buenos Aires - Argentina.

DXLD - Glenn Hauser's DX LISTENING DIGEST - USA.

Dr. Hans-Jörg Biener (hjb) - Nuremberg, Germany.

DX MIX - Ivo Ivanov, Bulgaria.

Others as stated in contribution.

Any items from Glenn Hauser, DX LISTENING DIGEST, and/or World of Radio may be reproduced or broadcast only if full credit be maintained at all stages, from the original source through DXLD, and publications quoting are made available to gh in exchange.

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Abbreviations:

with name of station:

BC / bc = Broadcaster, Int. = International, R = Radio, tx = Transmitter, Vo = Voice of, QRG = frequency

Location of transmitters with frequency:

Al = Aligarh/India, ALB = Albany, ANT = Neth. Antilles, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing/China, Bib = Biblis/DL, BIH = Bosnia-Herzegovina, BLR = Byelorussia, BOT = Botswana, Br = Brandon/Aus, CAN = Sackville/Canada, CHN = China, CLN-Ira = Sri Lanka Iranawila, CLN-Trm = Sri Lanka Trincomalee, CTR = Costa Rica, CYP = Cyprus, Du = Dushanbe/TJK, Dw = Darwin/Aus, ERV = Erivan/Armenia, F = Issoudun/France, FIN = Finland, FI = Florida/USA, GAB = Gabun, GUF = French Guyana, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI = WHRI Cypress Creek/USA, IK = (IRK) Irkutsk/ Siberia, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), Kom = Koms-na-Amur, KOR = (South) Korea, Kra = Krasnodar, Ku = Kununurra/Aus, Kun = Kunming /CHN, KWT = Kuwait, Lam = Lampertheim/DL, M = Moscow (Taldom), MCO = Monaco, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, NOR = Kvitsoy /Norway, Pan = Panaji /India, Pet = Petropavlovsk/Siberia, RRW = Ruanda, RSA = Meyerton /South Africa, RUS = Russia incl. Siberia, SAI = Saipan (MRA), Sam = Samara, SEY = Seychelles, Sh = Shepparton/Aus, Sk = Skelton/GB, SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya /United Arab Emirates, Ur = Urumchi/CHN, Vla = Vladivostok, W = Wertachtal/Germany, Wof = Woofferton /GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

Af = Africa, Am = America, As = Asien, Aus = Australien; Eu = Europe, ME = Middle East, Pac = Pacific Region; C = Central, E = East, N = North, S = South, W = West

Languages:

Ar Arabic - Ch Chinese - Du Dutch - E, En English - F French - G, Ge German - Gr Greek - I Italian
- J Japanese - K Korean - P Portuguese - R Russian - Sp Spanish - Turk Turkish

Technical hint with frequency (QRG):

(*) = Digital Radio broadcast (DRM) v = variable irr = irregular
/USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

Editor:

Walter Eibl (we), P.O. Box 1545, 91005 Erlangen, Germany.

Email: <we@wwdxc.de> or <we@kwrs.de>

Used equipment:

Receiver: Communications receiver ICOM IC-R70 (no modification)

Antenna: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground

Location: Herzogenaurach / Germany; 49.567/10.917; 310 m NN

Hörfahrplan Deutsch

Stand: 18. August 2012

Alle Zeiten in UTC (Weltzeit), also MESZ (Mittleuropäische Sommerzeit) minus 2 Stunden / Time is always UTC.

Sendungen für das primäre Zielgebiet Europa sind **fett** dargestellt.
Transmissions for the (primary) target Europa are printed **bold**.

Zeit (UTC) Station, Frequenzen, Tag, Standort Programm

..... **00:00**

0000-2400 biteXpress **909*/Dillberg,
15896**/Erlangen**
0000-2400 Deutschlandfunk **153, 207, 549, 756, 1269, 1422**
0000-2400 DLR Wissen **855***
0000-2400 DLR Kultur **177, 990**
0000-2400 "R 6150" **6070/Rohrbach –
PLAN/TEST**

..... **01:00**

..... **02:00**

..... **03:00**

..... **04:00**

0400-0430 ERF Südafrika 3200/SWZ, 4775/SWZ;
Sa, So – 05.00 (SAf)

0400-0430 HCJB Global **3995/Weenermoor**
0430-0445 MW Heukelbach **3995/Weenermoor**
0445-0500 HCJB Global **3995/Weenermoor**

..... **05:00**

0500-0530 HCJB Global **3995/Weenermoor;
Mennonitenplatt**
0500-0615 ORF 1 Wien **6155**

0500-0700 CRI Beijing **15245/Ur; 17720/Ur**

..... **06:00**

0600-0628 R Rumänien Int. **7230*, 9700**
0600-0630 HCJB Global **3995/Weenermoor**
0600-0800 R Belarus **6005/Eifel; So/Mo -0740**
0600-1100 PUR R 1 **6085/Eifel**
0600-1130 R France Bleu **1278 (meist Elsässisch); Mo-
Alsace Fr**
0630-0645 MW Heukelbach **3995/Weenermoor**
0645-0700 HCJB Global **3995/Weenermoor**

..... **07:00**

0730-0830 IRIB Teheran **15500, 17610**
0730-0830 R Neumarkt (Rum.) **1197, 1323, 1593; So**

..... **08:00**

0800-0830 R Filia (ERT **666, 11645#; (außer Di)**
Athen)
0800-0900 Ichtys R **3995/Weenermoor**
0830-1000 R Pecs **873, 1188**

..... **09:00**

0900-1000 Hamburger **5980/Eifel**
Lokalradio
0900-1000 Hamburger **6045/W; 1. So**
Lokalradio
0900-1000 MV Baltic R **6140/W, 9480/MVP; 1. So**
0900-1000 St. Russlands **630/Braunschweig,
693/Berlin,
1323/Wachenbrunn,
1431/Dresden, 9850*/KAL,
11830*/M, 15700/Sam**
0900-1800 R 700 **1593/Eifel –TEST /August –
Zeiten var.**

..... **10:00**

1000-1015 R. Freundesdienst **6005/Eifel**
1000-1100 St. Russlands **558/CH, 630/Braunschweig,
693/Berlin,
1323/Wachenbrunn (-1100),
1431/Dresden, 9850*/KAL,
15700/Sam.**
1030-1100 Evang. Missions- **6055/W; Sa, So**
gemeinden

..... **11:00**

1100-1115 MW Arche **5945/W; So**
1130-1225 TRT Ankara **13760**

..... **12:00**

1200-1300 R Rumänien Int. **9675, 11875**

..... **13:00**

1300-1400 MV Baltic **6140/W (F); 1. So**
1300-1600 France Bleu Alsace **1278 (meist Elsässisch)**

..... **14:00**

..... **15:00**

1500-1530 HCJB Global **3995/Weenermoor**
1500-1600 St. Russlands **558/CH, 1323/Wachenbrunn,
6155*/Kal, 12010/Sam,
12095*/M**
1500-1600 St. Russlands **630/Braunschweig,
693/Berlin, 1431/Dresden;
Fr-Mi**
1530-1545 MW Heukelbach **3995/Weenermoor**
1545-1600 HCJB Global **3995/Weenermoor**

2033-2036 R Slowenien **918**..... **21:00**

2100-2105 Hrvatska R **1134, 3985**
 2100-2200 RAE Buenos Aires **(9690,) 15345;** Mo-Fr
 2100-2200 R Taiwan Int. **3965/F**
 2130-2230 Ichtys R **3995/Weenermoor**

..... **22:00**

2200-2300 R Studio X (Italien) **1584; Di**
2215-2245 R HCJB **11920/W** (SAm)
 2230-2300 R Pridnestrovje **9665; Mo-Fr**

..... **23:00**

Zeitangaben in UTC = Mitteleuropäische Sommerzeit (MESZ) minus 2 Stunden /
 Times are UTC = MEST minus 2 hours

Abkürzungen / Abbreviations:

bei Station:

Int. = International, R = Radio, St = Stimme, Vo = Voice of

Senderstandorte bei Frequenz / transmitter sites:

ALB = Albanien, BIH = Bosnien-Herzegowina, CH = Schweiz, Kal = Kaliningrad
 (Königsberg), Kash = Kashgar / China, LTU = Litauen, M = Moskau / Taldom, N
 = Nauen, OE = Moosbrunn / Österreich, Sam = Samara, Sk = Skelton / GB,
 SWZ = Swaziland, Ur = Urumchi / China, Wof = Woofferton / GB

Technischer Hinweis bei Frequenz:

/USB = oberes Seitenband, /LSB = unteres Seitenband,
 v = variabel,

= meist schwieriger Empfang bzw. oft Senderausfall,
 ## = derzeit inaktiv

* = digitale Sendungen (DRM),

** mit Sendeleistung < 500W

(DRM-Empfang nur mit geeigneten Empfängern möglich)

Es sind nur Sendungen zwischen 500 und 22000 kHz gelistet. Die Auflistung erhebt keinen Anspruch auf Vollständigkeit, alle Angaben erfolgen nach bestem Wissen und ohne Gewähr. Einige Sendungen sind auch außerhalb der eigentlichen Zielgebiete hörbar. Kurzfristig sind Änderungen möglich, um z.B. störenden Stationen auszuweichen. Mittelwellensendungen sind stets für die Region gedacht. Es gibt noch eine Reihe lokaler Sender außerhalb Europas mit teils geringer Leistung (z.B. in den USA, Kanada, Brasilien, Australien) die stundenweise deutschsprachige Programme ausstrahlen.

Die Sendeperiode A12 dauert bis Ende Oktober 2012.

Aktuelle Hinweise auf Änderungen und Ergänzungen sind stets willkommen an:

e-mail: we@wwdxc.de oder we@kwrs.de

Redaktion: Walter Eibl, Herzogenaurach

..... **16:00**

1600-1628 R Serbien **9635;** So-Fr
 1600-1630 HCJB Global **3995/Weenermoor;**
Mennonitenplatt
 1600-1655 St. Koreas, Py. 4405/Feeder, **9325, 12015**
 1600-1700 St. Russlands **558/CH, 630/Braunschweig,**
693/Berlin, 1323/Wachen-
brunn, 6155*/Kal,
12010/Sam, 12095*/M
 1600-1700 St. Russlands **1431/Dresden; Fr-Mi**
 1600-1800 CRI Beijing **5970/ALB, 7380/ALB**
 1630-1700 R Freundesdienst **6005/Eifel**

..... **17:00**

1700-1730 HCJB Global **3995/Weenermoor**
 1700-1800 RAE Buenos Aires **15345 (9690)**
 1700-1800 St. Russlands **630/Braunschweig,**
1323/Wachenbrunn,
1431/Dresden, 6155*/KAL,
9880*/M, 12010/Sam
 1730-1745 MW Heukelbach **3995/Weenermoor**
 1730-1825 TRT Ankara **11835**
 1730-1830 IRIB Teheran **9570, 11980**
 1745-1800 HCJB Global **3995/Weenermoor**

..... **18:00**

1800-1805 Hrvatska R **1134, 3985**
 1800-1855 St. Koreas Py. 4405/Feeder, **9325, 12015**
 1800-1856 R Rumänien Int. **9495*, 11940**
 1800-1900 R Neumarkt (Rum.) 1197, 1323, 1593; Mo-Fr
 1800-1900 St. Indonesiens **9525v (alt: 11785)**
 1800-1900 St. Russlands **558/CH, 630/Braunschweig,**
693/Berlin, 1323/Wachen-
brunn, 1431/Dresden,
12010/Sam
 1800-2000 CRI Beijing **1440/LUX, 7395/Kash,**
11650/Ur, 11775/Kash
 1800-2000 R Belarus **7255, 11730; Sa/So -1940**
 1805-1905 R Damaskus **9330 # (12085##)**
 1830-1900 R Pridnestrovje **9665; Mo-Fr**

..... **19:00**

1900-1930 HCJB **3995/Weenermoor;**
Mennonitenplatt
 1900-1950 St. Koreas, Py. 4405/Feeder, **9325, 12015**
 1900-2000 R Kairo **11560 #**
 1900-2000 R Taiwan Int. **6185/Wof**
 1930-2000 St Vietnams **9430/Sk**
 1931-2000 R Tirana **7465; Mo-Sa**

..... **20:00**

2000-2015 R Thailand **9680**
 2000-2028 R Serbien **6100/BIH, So-Fr**
 2000-2030 St Vietnams **9430/Sk**
 2000-2100 KBS World **3955/Sk**
 2000-2200 R Pecs **873, 1188**
 2030-2100 R Pridnestrovje **9665; Mo-Fr**

Hörfahrplan Englisch

English Schedules

August 20, 2012 / 20. August 2012

Time is always UTC / Zeitangabe in UTC (Weltzeit), also MESZ (Mitteleuropäische Sommerzeit) minus 2 Stunden.

Transmissions for the (primary) target Europa printed **bold**/ Sendungen für das Zielgebiet Europa sind **fett** gedruckt.

Time **Station,** **Frequencies, Transmitter**
(UTC) **Program** **Site, Day of Broadcast**

..... **00:00**

0000-0030 VoA 1296/Afghanistan, 7555/KWT (ME/SAs)
0000-0045 WYFR 11650 (CAm)
0000-0055 R Romania Int. 9700, 11965 (NAm)
0000-0058 RCI 11700/Ku (SEAs)
0000-0100 BBC WS 5970/OM, 6195/SNG, 9410/TH, 9740/SNG, 12095/TH, 15335/SNG, 15755/TH, 17685/TH (As); 7395/CYP (ME)
0000-0100 CBC NQ 9625; Sa (NAm) (till 12-10-31)
0000-0100 CRI Beijing **7350/Kash**; 6075/Kash; 6180/Kash, 7415/Kash (SAs); 13750/Be (EAs), 11790/Xi, 11885/Xi, 15125/Be (SEAs)
0000-0100 R Australia 9660x/Br, 12080x/Br, 15240/Sh, 15415, 17715/Sh, 17750/Sh, 17795x/Sh, 19000/Sh, 21740/Sh (Aus/PAC)
0000-0100 REE 6055 (NAm)
0000-0100 R Thailand 13745 (NAm)
0000-0100 SLBC 9770; Mo-Sa (As)
0000-0200 CRI 6020/ALB, 9570/ALB (NAm)
0000-0200 Vo Russia 9665/MDA, 9800/Kras (NAm)
0000-0300 WBCQ 9330; Sa-Mo (NAm)
0000-0300 WYFR 6115# (NAm)
0000-0400 WBCQ 7490 (NAm); Mo-Sa
0000-0400 WINB 9265 (CAm) #
0000-0500 Christian Voice 4965 (Af)
0000-0700 R Vanuatu 7260 (alt: 3945) (Pac)
0000-0900 Vo Guyana 3290v, 5950v# (SAM)
0000-0900 WEWN 11520 (ME/Af)
0000-0700 NBC Port Moresby 9675 (SEAs) #
0000-1100 WTWW 5085 (NAm) planned
0000-1200 WWCR 3 4840 (NAm)
0000-1200 WWRB 3185 (NAm/As)
0000-1300 WTWW 5755 (+NAm/Af) planned
0000-1400 WRMI 9955 (SAM)
0000-2400 AFRTS 7507#/USB/Costa Rica, 10320 (night 6350)/USB/Hawaii, 5446.5#/Puerto Rico, 12579 (4319 night) /USB/Diego Garcia, 12133.5 (7811, 5446.5 night) /USB/FL, 13362 (5765 night) / USB/GUM
0000-2400 CFRX Toronto 6070 (relais CFRB) (NAm)

0000-2400 CFVP Calgary 6030 (relais CKMX) (NAm)
0000-2400 CKZN St. John 6160 (NAm)
0000-2400 CKZU 6160 (NAm)
Vancouver
0000-2400 R Bahrain 6010 (ME)#
0000-2400 SIBC 5020 (+Pidgin)
0000-2400 Vo Malaysia (Traxx FM) 7295 (As/Pac)
0000-2400 WTJC 9370v (NAm) #
0000-2400 WBCQ 9330 (NAm)
0030-0100 Int. R Serbia 6190; Tue-Sa (NAm)
0030-0100 R Slovakia 9955/WRMI; Mo-Sa (Am)
0030-0100 VoA 7430/KWT, 9715/TH, 9780/PH, 11725/PH, 12005/PH, 15205/MRA, 15290/MRA, 17820/PH (Special E)
17650/Palau; Su (As)

0030-0330 T8WH

..... **01:00**

0100-0200 BBC WS 7395/CYP (ME); 9410/OM, 9740/SNG, 11750/SNG, 12095/TH, 15310/SNG, 15335/SNG, 15755/TH 17685/SNG (As)
0100-0200 CBC NQ 9625; Tue-Sa (NAm) (till 12-10-31)
0100-0200 CRI **9470/Ur, 9675/Kash**; 9580/CUBA (NAm/CAm); 15125/Be, 15785/Xi (SEAs), 6180/Kash, 9535/Kash, 11870/Kash (SAs)
0100-0200 R Australia 9660x/Br, 12080x/Br, 15160/Sh, 15240/Sh, 15415/Sh, 17750x/Sh, 17795/Sh, 19000/Sh (As/Pac)
0100-0200 R Taiwan Int. 11875 (SEAs)
0100-0200 VoA 1593/KWT, 7430/KWT, 9780/CLN, 11705/TH (EAs, Pac)
0100-0200 WHRI 5920, 9860; Tue-Sa (NAm)
0100-0230 KJES 7555 (NAm) irr
0100-0300 SLBC 9770, 15745; Mo-Sa (SAs)
0100-0300 SLBC 6005; Su-Fr (SAs)
0100-0500 R Habana Cuba 6000, 6050 (NAm)
0100-0500 WWCR 4 5890; Sa (Am)
0100-0900 WWCR 1 3215 (NAm)
0130-0200 R Sweden 9955/WRMI; Wed-Fr (NAm)
0130-0200 R Tirana 7425 (NAm)
0130-0200 VoA 7465/Gr, 9820/Gr; Tue-Sa (Special E) (CAm/SAM)
9850, 11730/UZB (As)
..... **02:00**

0200-0215 R Vo Croatia **3985**, 7375/W (NAm)
0200-0230 R Thailand 15275 (NAm)
0200-0300 BBC WS 6005/SEY (Af) 15310/OM, 17790/TH (As)
6195/CYP, 12095/CYP (ME)
1320/Vancouver (ENAm); 11770/Kash, 13640/Kash (CAs/SAs)

0200-0300	R Australia	9660x/Br, 12080x/Br, 15160/Sh, 15240/Sh, 15415/Sh, 17750x/Sh, 17795/Sh, 19000/Sh (As/Pac)	0330-0428	IRIB Tehran	11920, 13650 (NAm)
				“Voice of Justice“	
0200-0300	RAE	11710 (NAm) (Tue – Sa)	0330-0600	T8WH	15680/Palau; Su (As)
0200-0300	R Taiwan Int.	5950/FL; 9680/FL (NAm)	..... 04:00		
0200-0300	Vo Indonesia	9525 (alt:11785) (SEAs)	0400-0500	DW	6180/RRW, 7240/RRW, 9470/RRW, 12045/RRW (CAf/WAf)
0200-0300	WHRI	6130 (+NAm)	0400-0500	BBC WS	1323/CYP, 3955*/Ram, 12095/CYP; 3255/RSA, 5875/ASC, 6005/ASC, 6190/RSA, 7310/RSA, 11945/SEY 12035/CYP (Af); 12095/CYP; 15365/OM (ME), 15310/OM, 17790/TH (As);
0200-0300	WYFR	5985# (CAm/SAm)	0400-0500	R Australia	9660x/Br, 12080x/Br, 15160/Sh, 15240/Sh, 15415/Sh (0430-), 15515/Sh, 21725x/Sh (As/Pac)
0200-0330	R Cairo	9720 (NAm)			
0200-0400	Vo Russia	9665/MDA (CAm/SAm), 15425/Pet (NAm)			
0215-0230	R Nepal	5005 (As)			
0230-0300	CRI	15435/Xi (ME)			
0230-0330	R Myanmar	9730v (-0300 Sa/So)(As)			
0245-0300	HCJB Australia	15400/Kun (As)			
0245-2245	R 2 Zambia	6165 (SAf)			
0255-0325	TWR Swaziland	3200; Su (SAf)			
..... 03:00					
0300-0330	Vatican R	7360/MDG (Af), 15460/PH (As)	0400-0500	VoA	1530/ST (-0430), 4930/BOT, 4960/STP, 6080/STP, 9855/BOT, 12025/BOT, 15580/CLN (Af)
0300-0400	BBC WS	9410/CYP; 3255/RSA, 5875/ASC, 6005/ASC, 6145/RSA, 6190/RSA, 9750/SEY, 12035/CYP, 11945/SEY (0330-) (Af); 6195/CYP, 12095/OM (ME), 15310/OM, 15365/OM, 17790/TH (As)	0400-0500	Vo Korea, Py.	4405, 7220, 9345, 9730 (SEAs/China) 11735, 13760, 15180 (Am)
0300-0400	Channel Africa	3345 (-0500), 5980; Mo-Fr (EAf/CAf/SAf)	0400-0500	Vo Russia	13775/, 15760/ (NAm)
0300-0400	CRI	738/M; 9690/Spain, 9790/CUBA (NAm); 11770/Kash, 15110/Kash (SAs)	0400-0500	WHRI	9825; Sa (ME)
0300-0400	R Australia	9660x/Br, 12080x/Br, 15160/Sh, 15240/Sh, 15415/Sh, 15515/Sh (Mo-Fr 0330-), 17750x/Sh, 21725x/Sh (As/Pac)	0400-0506	CBC NQ	9625 (NAm) (till 12-10-31)
0300-0400	R Cultural	3300 Tue or Wed (CAm) #	0400-0600	CRI Beijing	17730/Xi, 17855/Be (CAs) 13750/Be (EAs)
0300-0400	R Romania Int.	9645, 11795 (NAm W), 11895, 15340 (SEAs)	0400-050	Vo Korea, Py.	11735, 13760, 15180 (CAm)
0300-0400	R Sultanate of Oman	15355 (Af)	0400-0500	Vo Korea, Py.	4405, 7220, 9345, 9730 (SEAs/China)
0300-0400	R Taiwan Int.	6875/FL (NAm); 15320 (As)	0430-0500	TWR Swaziland	3200, 4775 (-0900) Mo-Fr (SAf)
0300-0400	T8WH	17650; Mo-Fr (As)	0430-0500	WHRI Music	7465; Su
0300-0400	VoA	909/BOT, 1530/ST, 4930/BOT, 6080/STP, 9855/BOT, 15580/CLN(Af)	0430-1000	R Nigeria	4770/Kaduna#, 4990/Lagos#, 6025/Enugu#, 6050/Ilorin#, 6090/Abuja (Nigeria)
0300-0400	Vo Russia	15425/Pet (NAm)	0458-0650	RNZI	11725, 11675* (Pac/NAm)
0300-0400	Vo Turkey	9515 (Am), 6165 (As)	..... 05:00		
0300-0400	WBCQ	5110; Mo (Am)	0500-0530	DW	5925/RRW, 9470/RRW, 11800/RRW; 9850/RRW (- 0557) (CAf/SAf)
0300-0400	WHRI	7385; Tue-Fr (NAm)	0500-0530	R Japan	5975/Sk, 9770/F (Af);
0300-0400	WYFR	11740# (CAm/SAm)	0500-0530	Vatican R	11625/MDG, 13765/MDG (Af)
0300-0500	CRI Beijing	13750/Be, 15120/Be, 15785/Be (Siberia)	0500-0600	BBC WS	3255/RSA, 5875/ASC, 6005/ASC, 6190/RSA, 9410/RSA, 11945/SEY 15420/SEY (Mo- Fr),15420/CYP (Sa/Su), 17640/CYP (Af)
0300-0500	SLBC	6005, 9770, 15745 (As)	0500-0600	BBS, Bhutan	6035 # (SAs)
0300-0505	CBC NQ	9625; Sa, Mo (NAm) (till 12-10-31)	0500-0600	R Australia	9660x/Br, 12080x/Br, 13630/Sh, 1 15240/Sh, 15415/Sh, 15515/Sh, 17750/Sh, 21725/Sh (As/Pac)
0300-0600	Miraya FM	11560/F (Sudan) +Ar	0500-0600	R Taiwan Int	6875/FL (WNAm)
0300-0600	Vo Malaysia	6175#, 9750#, 15295 (alt: 9665) (SEAs)			
0300-2100	R Uganda	4976, 5026# (EAf) multi			

0500-0600	VoA	909/BOT, 4930/BOT, 6080/STP, 11670/BOT, 15580/BOT (Af)	0600-0800	Vo Russia	11830*/M
0600-0600	Vo Russia	13775/ (As)	0600-1000	Vo Russia	21800/IK , 21810/Nov (Pac)
0500-0700	CRI	11710/ALB, 17505/Kash (Af/WAs)	0600-1900	CVC Int	13590/Zambia (alt: 17895)(Af)
0500-0700	R Habana Cuba	6000, 6010, 6050, 6060, 6125 (NAm/CAm)	0600-1800	R Liberia	6100 #
0500-0700	Vo Nigeria	7255# (Waf), 9690# (CAf/Saf), 15120 (+NAf)	0600-2200	R Veritas, Liberia	5470 # (Waf)
0500-0700	Channel Africa	7230 (Af)	0630-0645	Vatican R	15595; Mo-Sa (ME)
0500-0800	TWR Swaziland	3200 (Sa/Su); 9500 (SAf)	0630-0700	Vatican R	11625, 13765 (Eaf)
0500-0900	CRI	11880/Xi, 11895/Kash, 15350/Ur (-0600)/Kash(0600-), 15465/Kash, 17540/Kash, 17730/Xi, 17855/Be (CAs/SAs/WAs)	0630-1300	R Africa	15190 (Waf) #
0500-0600	Vo Korea, Py.	3560, 13650, 15100 (SEAs)	0651-0758	RNZI	11725, 9890* (Pac/NAm)
0500-0900	Vo Russia	1323/Wachenbrunn	..... 07:00		
0500-1100	Overcomer Ministry	5890/WWCR (+NAm)	0700-0730	Bible Voice	5945/W , Su; Sa -0745
0500-1100	WTWW	12100 (+NAm) planned	0700-0730	R Myanmar	9730 (SEAs)
0500-1700	Christian Voice	6065/Zambia (SAf)	0700-0750	TWR	6105/N , 7400/MCO , Mo-Fr
0515-0525	R Rwanda	6055 (Eaf)	0700-0800	BBC WS	5875/Wof , 7355*/OE ; 6190/RSA, 11770/ASC, 12095/RSA, 13830/ASC, 15400/ASC (Mo-Fr, Sa/Su - 1130), 17640/Sey Sa-Su, 17640/Cyp Mo-Fr, 17830/RSA (Af)
0530-0558	R Romania Int.	9700 , 11875* , 17760, 21500 (Pac)	0700-0800	CRI	13710/ALB , 17490/Kash ; 15125/Kash (ME/Af)
0530-0558	Voice of Strait	9505/TWN ; Su (EAs)	0700-0800	R Australia	7410/Sh, 9475/Sh, 9660x/Br, 9710/Sh, 9955/WRMI, 11945/Sh, 12080x/Br, 13630/Sh, 15240/Sh (As/Pac)
0530-0600	R Thailand	12015 (+Af)	0700-0800	TDP R	6015*/F
..... 06:00			0700-0900	BBC WS	15310/TH, 17790/OM (As)
0600-0630	DW	15275/RRW, 13780/RRW, 17820/RRW (Af)	0700-0900	Vo Russia	1251/Du (As); 21800/IK, 21810/Nov (Pac)
0600-0630	PBS Xizang Lhasa (Holy Tibet)	4905, 4920, 5240, 6110, 6130, 6200, 9490, 9580 (As)	0700-1200	Channel Africa	9625 (Af)
0600-0630	Lao National R	7145 (EAs)	0700-1300	NBC Port Moresby	4890 (SEAs)
0600-0655	Channel Africa	15255 (Waf)	0700-1300	BBC	11760/OM, 15575/CYP (ME), (3945) 7260 (Pac)
0600-0700	BBC WS	5875*/Ram , 7355*/OE ; 6005/ASC, 6190/RSA, 7365/ASC, 9410/ASC, 9860/RSA, 12015/RSA, 15105/, 17640/CYP (Af); 15420/Sey Sa-Su, 15420/CYP Mo-Fr (Af) 12095/CYP (ME); 15310/TH, 17790/TH (As)	0700-1900	R Vanuatu	3290, 5950# (SAm)
0600-0700	CRI	11870/Kash, 15140/Kash (ME); 11710/ALB (NEAf)	0700-2200	Vo Guayana	11750/Kun (SEAS/Pac)
0600-0700	DW	13780/RRW, 17820/RRW (Af)	0730-0930	HCJB	17785 (Af) irr
0600-0700	R Australia	9660x/Br, 11945/Sh, 12080x/Br, 13630/Sh, 15240x/Br, 15415/Sh (0630-), 17750x/Br, 21725/Sh (As/Pac)	0750-0800	BSKSA	17785 (Af) irr
0600-0700	R Sana'a, Yemen	9780v (ME) #	0759-1058	RNZI	6170, 7440* (Pac)
0600-0700	VoA	909/BOT, 1530/ST, 6080/STP, 12025/BOT, 15580/BOT (Af)	..... 08:00		
0600-0700	Vo Korea, Py.	3560(Feeder), 7220, 9345, 9730 (NEChina)	0800-0855	SARL	7205/RSA, 17760/RSA; Su (Af)
0600-0800	CRI	1215/ALB ; 13660/Xi, 15140/Kash, 15350/Kash, 15465/Kash, 17540/Kash, 17710/Be (As)	0800-0900	BBS, Bhutan	6035# Su (SAs)
0600-0800	TWR Swaziland	6120 (SAf)	0800-0900	CRI	13710/ALB , 17490/Kash , 15125/Kash (ME) 11620/Xi (EAs), 11895/Kash, 15350/Kash, 15465/Kash, 15625/ Kash, 17490/Kash (As)
0600-0800	Vo Malaysia	6175, 9750, 15295 (As/Pac)	0800-0900	IRRS Nexus	9510/Romania (Sa) (+Af)
			0800-0900	KBS World	9570 (SEAs)
			0800-0900	KNLS	11870 (EAs)#
			0800-0900	R Australia	5995/Sh, 7410/Sh, 9475/Sh, 9580/Sh, 9590/Sh , 9710/Sh, 11945/Sh, 12080/Br, 15240/Sh (As/Pac)
			0800-0900	TDP R	6015*/F
			0800-0900	T8HW	9930/Palau; Su (As)
			0800-0900	Vo Indonesia	9525v (alt: 11785) (As)
			0800-0900	WHRI	11565; Su-Fr (Pac)
			0800-1000	BBC WS	6190/RSA, 12095/RSA, 15400/ASC, 17640/SEY, 17830/ASC, 21470/SEY (Af)

0800-1000	Transport R	6095/W ; Mo-Fr (+Dutch)	1000-1100	AIR	7270/Mumbai, 15260/Delhi (Sri Lanka); 15235/Ben, 17800/Ben, (SEAs) 13710/Ben, 17510/Delhi, 17895/Aligarh (Aus)
0800-1000	Vo Russia	9850*/Kal, 11830*/M			
0800-1000	CRI Beijing	11620/Xi (EAs)			
0815-0825	R Nepal	5005 (5030)(SAs)			
0820-0900	KTWR	15170/GUM; Su-Fr (As)			
0830-2130	ABC N Territories	2310 (4835irr)/VL8A Alice Springs, 2325/VL8T Tennant Creek, 2485/VL8K/Katherine (Aus)	1000-1100	BBC WS	6190/RSA, 12095/RSA, 15400/ASC (Sa/Su), 17640/SEY, 17830/ASC (Sa/Su), 21470/SEY (Af) 6195/SNG, 6195/TH, 9740/SNG, 15285/SNG, 15310/TH, 17760/TH, 17790/OM, 21660/TH (As)
0830-0910	KTWR	11840/GUM; Mo-Sa (Pac)			
..... 09:00					
0900-0930	T8WH	9930/Palau; Sa (As)			
0900-0930	T8WH	17650/Palau (As)	1000-1100	CRI Beijing	17490/Kash ; 11610/Xi, 11635/Be, 13620/Xi (EAs); 15190/Kash, 15350/Kash (SAs) 9655 (EAs)
0900-0930	R Prague	9955/WRMI; Mo-Fr (Am)	1000-1100	KNLS	9580/Sh; 5995/Br, 6020/Br, 6080/Sh, 9475/Sh, 11945/Sh, 12080/Br Sa/Su; (As/Pac)
0900-1000	BBC WS	6190/RSA, 9860/RSA, 15400/ASC, 17640/SEY, 17830/ASC, 21470/SEY (Af) 6195/TH/ SNG, 9740/SNG, 15285/SNG, 15310/TH, 17760/TH, 17790/OM, 21660/TH (As/SEAs)	1000-1100	R Australia	6015*/F; Thu 9525v , 11785alt (As) 3560 (NEAs), 6285, 9335 (CAm/SAM); 6185, 9850 (SEAs)
0900-1000	CRI	15270/Kash, 17490/Kash, 17570/Ur ; 11620/Xi, 15350/Kash, 17750/Kash (SAs);	1000-1100	TDP R	9560/Vla, 11500/Du, 15170/Chita (As) 7315; Su (CAm) 13590/Be, 13720/Xi (SEAs) 15250 (Af) 7285 # (Af)
0900-1000	EMR	6140/F . 3 rd Su	1000-1100	Vo Indonesia	6095/W; Sa/Su (planned: - 1700) 5950 (SAM) # 11775 (NAm/CAm)
0900-1000	Mighty KBC	6095/W; Sa/Su + Dutch	1000-1100	Vo Korea, Py.	
0900-1000	R Australia	9475/Sh, 9485/Sh, 9580/Sh, 11945/Sh (As/Pac)	1000-1100	Vo Russia	9560/Vla, 11500/Du, 15170/Chita (As) 7315; Su (CAm) 13590/Be, 13720/Xi (SEAs) 15250 (Af) 7285 # (Af)
0900-1000	R Gloria	6140/F; 4th Su	1000-1100	WHRI	7315; Su (CAm) 13590/Be, 13720/Xi (SEAs) 15250 (Af) 7285 # (Af)
0900-1000	R Iceman	6045/W ; 4 th Su	1000-1200	CRI	13590/Be, 13720/Xi (SEAs) 15250 (Af) 7285 # (Af)
0900-1000	TDP R	6015*/F; Sa	1000-1220	BSKSA	15250 (Af) 7285 # (Af)
0900-1000	T8WH	9930/Palau; Su (As)	1000-1600	FRCN Lagos	6095/W; Sa/Su (planned: - 1700) 5950 (SAM) # 11775 (NAm/CAm)
0900-1000	Vo Tajik	7245 (CAs/ME)	1000-1600	Mighty KBC	
0900-1000	XVRB	6045/W , 3rd Su	1000-2130	Vo Guyana	5950 (SAM) # 11775 (NAm/CAm)
0900-1100	Vo Russia	9560/Vla, 15170/Chita (SEAs)	1000-2200	Caribbean Beacon/ World Univ. Netw.	
0900-1100	CRI	15210/Ku, 17690/Jin (Aus/SPac)	1015-1100	T8WH	9930/Palau; Su, F 15725/Palau; Sa (As) 7110#, 9705v (EAf) 12085 (SAs) 21590, 21640 (SAs/Pac) 9655; 7285*(-1158) (Pac)
0900-1100	WEWN	11520 (As)	1030-1045	R Ethiopia	
0900-1100	WWCR 1	6875 (NAm)	1030-1100	Vo Mongolia	
0900-1315	Vo Kenya	7270; Mo-Fr (EAf) #	1030-1200	IRIB Tehran	
0900-1500	Vo Nigeria	7255# (Waf), 9690 (CAf/SAf),	1059-1258	RNZI	
0900-1600	Mighty KBC	6095/W; Sa/Su	..... 11:00		
0905-0910	R Pakistan	15725, 17700	1100-1105	R Pakistan	15725, 17720 (As)
0915-0930	T8WH	9930/Palau; Mo-Fr (As)	1100-1110	RN Venezuela	6060/CUBA (CAm/SAM) 1242, 7285, (9840) (SEAs)
0930-0945	T8WH	9930/Palau; Mo, Wed-Fr (As)	1100-1130	Vo Vietnam	6190/RSA, 12095/RSA, 15400/ASC (-1130), 17640/SEY, 17830/ASC, 21470/SEY (Af) 6195/SNG, 9740/SNG, 15285/SNG, 15310/TH, 17760/TH, 17790/OM (As/SEAs);
0930-0945	T8WH	17650/Palau; Tue, Thu (As)	1100-1200	BBC WS	1269/Yun; 11650/Ur, 11795/Kash (SAs) 5995/Sh, 6020/Sh, 6080/Br, 6140/SNG, 9475/Sh, 9580/Sh, 11945/Sh, 12080*/Br, (As/Pac)
0930-1000	T8WH	9930/Palau; Tue, Sa (As)	1100-1200	R Romania Int	15210, 17510 ; 15430, 17670 (Af)
0930-1000	T8WH	17650/Palau; Sa (As)	1100-1200	R Taiwan Int.	7445, 11715 (SEAs)
0930-1200	IRRS European Gospel R	9510/Romania; Su (+Af)			
0945-1000	T8WH	17650/Palau; Mo, Wed (As)			
0945-1000	T8WH	9930/Palau; Mo, Wed-Fr (As)			
..... 10:00					
1000-1015	T8WH	9930/Palau; Fr (As)	1100-1200	CRI Beijing	11795/Kash (SAs) 5995/Sh, 6020/Sh, 6080/Br, 6140/SNG, 9475/Sh, 9580/Sh, 11945/Sh, 12080*/Br, (As/Pac)
1000-1030	R Japan	9625, 9825 (Pac); 9605 (SEAs)	1100-1200	R Australia	15210, 17510 ; 15430, 17670 (Af)
1000-1030	Vo Vietnam	9840; 12020 (As)	1100-1200	R Romania Int	7445, 11715 (SEAs)

1100-1200	TDP R	6015*/F; Fr	1230-2400	Vo Malaysia	7295 (As)
1100-1200	Vo Russia	9560/Vla, 11500/Du, 12030*/Nov 12065/Chita (SEAs)		(Traxx FM)	
..... 13:00					
1100-1200	WHRI 1	7385; Su-Fr (CAm/SAm)	1300-1330	Int R Serbia	9635
1100-1300	CRI Beijing	13650/ALB; 17490/Kash; 11660/Kash, 13645/Kash (SAs)	1300-1330	R Japan	11730/UZB (As)
1100-1400	CBC NQ	9625 (NAm) (till 12-10-31)	1300-1400	BBC WS	6190/RSA, 12095/RSA, 15420/SEY, 17640/ASC, 17830/ASC, 21470/SEY (Af) 5875/TH, 6195/SNG, 9740/SNG, 15310/TH, 17790/OM (As)
1100-1400	WINB	9265; Su (CAm) #			11760/OM, 15575/CYP (ME)
1100-1600	CRI	5955/Be (EAs)	1300-1400	CRI Beijing	13610/Kash, 13790/Ur; 1120/Wash D.C., 9570/CUBA (NAm); 11980/Xi (SPac); 9870/Xi (CAs), 9730/Be, 11980/Xi, 13755/Kash (SEAs), 11660/Kash (SAs)
1100-1500	WEWN	9390 (As)			11760/Ku, 11900/Ku (Aus/SPac)
1100-2100	WWCR 1	15825 (NAm)	1300-1400	KBS World	9570 (SEAs)
1100-2400	WTWW	9990 (Af/NAm) planned	1300-1400	R Australia	5995*/Br, 6020/Sh, 9580/Sh, 9890/Sh, 11945/Sh (As/Pac)
1130-1145	Eternal Good News	15525/UAE; Fr (As)	1300-1400	TDP R	6015*/F; Su 7575/PH, 9510/PH, 9610/Tinian, 9760/MRA, 12150/PH; Sa/Su (EAs, Pac)
1130-1145	LV Rev. Burundi	6140 #	1300-1400	VoA	9525 (11785alt) (As/Pac)
1130-1155	Vatican R	15595, 17590 (As)	1300-1400	Vo Indonesia	4405 (EAs), 9570, 12015; 9335, 11710 (NAm)
1130-1200	Vo Vietnam	9840, 12020 (As)	1300-1400	Vo Korea, Py.	9850*/Kal, 12065/Chita, 12095*/M (EAs)
1130-1300	BBC WS	6190/RSA, 12095/RSA, 17640/SEY, 17830/ASC, 21470/SEY (Af)	1300-1400	Vo Russia	7245 (As)
..... 12:00					
1200-1215	R Nepal	5005 (As)	1300-1400	Vo Tajik	9540 (NAm)
1200-1230	AWR /KSDA	17535/W (SAs)	1300-1400	WHRI 1	9840; Sa/Su (NAm)
1200-1230	R Japan	9695 (As)	1300-1400	WHRI	9765/Xi (CAs)
1200-1300	BBC WS	6190/RSA, 12095/RSA, 17640/SEY, 17830/ASC, 21470/SEY (Af) 5875/TH, 6195/SNG, 9740/SNG, 11750/TH, 15310/TH, 17790/OM (As)	1300-1500	CRI	11570 (NAm)
1200-1300	CRI Beijing	13790/Ur, 17490/Kash	1300-1550	KJES	6170 (Pac)
1200-1300	CRI Beijing	1341/Huadu Guangdong, 11690/Xi (CAs); 684/Dof, 1269/Yun, 9600/Ku, 9645/Be, 9730/Ku, 11980/Ku (SEAs), 9460/Kash, 11650/Ur, 11760/Kash, 9760/Kash (SAs)	1300-2400	WTWW	9480 (+NAm) #
1200-1300	KNLS	7355 (EAs)	1315-1400	China National R 2	3985, 6065, 6090, 6155, 7140, 7150, 7315, 7335, 7375, 9515, 9620, 9730, 9755, 9775, 9820, 11740 (English lessons)(China)
1200-1300	R Australia	5995*/Br, 6020/Sh, 6080/Sh, 6140/SNG, 9475/Sh, 9580/Sh, 11945/Sh, (As/Pac)	1330-1500	AIR	9690/Ben, 11620/Delhi, 13695/Ben (SEAs)
1200-1300	TDP R	6015*/F; Sa	1330-1400	Lao National R	6130 (EAs)
1200-1300	VoA	7575/TH, 9510/TH (-1400), 12075/CLN, 12150/PH (EAs, Pac)	1330-1400	Vo Vietnam	9840, 12020 (As)
1200-1300	Vo Russia	9850*/M; 9445*/IK, 9560/Vla, 11500/Du, 12030*/Nov (As)	1330-1430	Shiokaze	5910/KOR; Fr (As)
1200-1400	T8WH	9930/Palau; Sa, Su (As)	..... 14:00		
1200-1400	CBC NQ	9625; Sa; Su (NAm) (till 12-10-31)	1400-1428	R Prague	9955/WRMI (CAm/SAm)
1200-1500	WWCR 2	7490 (Af)	1400-1430	PAB	15205/W; Su (As)
1200-1600	CBC NQ	9625; Su (NAm) (till 12-10-31)	1400-1430	R Japan	5955 (SEAs); 11695/UZB (SWAs), 21560/F (Af)
1200-1800	WWCR 3	13845; Su; Mo-Sa -2000 (NAm)	1400-1430	R Thailand	9575 (SEAs/Pac)
1200-2400	WWRB	9385 (Am)	1400-1500	BBC WS	13820/CYP (ME), 6190/RSA, 12095/RSA, 17640/CYP, 17830/ASC, 21470/CYP(Af) 5845*/TH, 5875/TH, 6195/SNG, 9740/SNG, 11890/TH, 15310/OM (As)
1215-1330	R Cairo	17870 (SAs)	1400-1500	BBS, Bhutan	6035 # (SAs)
1230-1300	Bangladesh Betar	4750, 15505 (SEAs)	1400-1500	Bible Voice	17495/F; Sa (SAs)
1230-1300	HCJB/FEBA	15400/Kun; Mo-Fr (As)			
1230-1300	R Thailand	9720 (SEAs/Pac)			
1230-1300	Vo Vietnam	9840, 12020 (SEAs)			
1230-1325	VoTurkey	15450 , 15520 (As)			

1400-1500	CRI Beijing	13710/Kash, 13790/Ur	1500-1600	CRI Beijing	558/CH, 11965/Kash.
1400-1500	CRI Beijing	11665/Xi, 11675/Ur, 11765/Ur (SAs); 1422/Kash, 9765/Xi (CAs)	1500-1600	CRI Beijing	13640/Kash; 1323/Lhasa, 7325/Be, 7395/Ur, 7410/Ur , 9800/Jin (As); 6095/Kash, 9720/Kash (ME) 9655 (EAs)
1400-1500	Overcomer Ministries	9655/W (	1500-1600	KNLS	13810/W
1400-1500	R Australia	5995/Sh, 6080/Sh, 9475/Sh, 9580/Sh, 9890/Sh, 11660/Sh, 11945/Sh (As/Pac)	1500-1600	Overcomer Ministries	5940/Sh, 5995/Sh, 6080/Sh, 7240/Sh, 9475/Sh, 11660/Sh, 11880/Sh, 11945/Sh (As/Pac)
1400-1500	R Sultanate of Oman	15140 (As)	1500-1600	RCI	11675/Ku, 15125/Ur (ME/As)
1400-1500	T8WH	9930/Palau; Sa (As)	1500-1600	Sudan R Services	17745/Wof (EAF)
1400-1500	VoA	4930/BOT, 6080/STP, 15265/STP, 15580/STP, 17530/BOT (Af)	1500-1600	VoA	4930/BOT, 6080/STP, 15265/W, 15580/BOT(1530-), 17895/CLN (Af)
1400-1500	VoA	7540/PH, 7575/TH, 12150/PH, (EAs) Mo-Fr	1500-1600	VoA	7575/KWT, 9845/PH, 12150/CLN (As/Pac)
1400-1500	Vo Russia	12095*/M; 1251/Du (ME), 1251/Du, 4975/Du, 9560/Pet, 11500/Du, 11840/Vla, (As)	1500-1600	VoA	13570/W, 15530/Biblis; 1575/TH, 6140/PH, 7465/PH, 7520/PH, 9760/PH (E Special) (As)
1400-1500	WHRI Angel 1	9840; Sa (NAm)	1500-1600	Vo Korea (Py)	7570, 12015; 3560, 4405 (As) 9335, 11710 (NAm)
1400-1500	WHRI Angel 1	21670; Su (Af)	1500-1600	Vo Nigeria	9690 (Waf), 15120 (+ Naf), 17800## (Caf/Saf)
1400-1500	WYFR	11540/TWN# (EAs)	1500-1600	Vo Russia	4975/Du, 15640/M (ME); 9560/Vla, 11840/Pet (As)
1400-1600	CRI	13685/Mali, 17630/Mali (Af) 13740/CUBA (Am), 9870/Xi (As)	1500-1600	WHRI 1	17510 Su (+NAm), 21630 Sa (Af)
1400-1600	Vo Africa	17725/LBY#, 17790/LBY# (Af)	1500-1600	WYFR	13690/UAE, 15520/UAE (SAs)
1400-1600	WRMI	9955; Sa/Su (NAm)	1500-1700	BBC	13820/CYP (ME)
1400-1700	WBCQ	15420; Sa (Am)	1500-1700	Vo Russia	9470/Sam (Af)
1400-1700	WINB	9265; Sa/Su (CAm)	1500-2000	WEWN	15610
1400-2000	Overcomer Ministries	9980 (NAm)	1500-2100	WWCR 2	12160 (Af)
1400-2200	WJHR	15550 # (NAm)	1500-2230	Reflections Europe	3910/Eire, 6295/Eire, 12225/Eire (Su)
1405-1435	Bible Voice	15270/CLN-TRM; Sa/Su (EAs)	1515-1530	Bible Voice	15275/F (As)
1415-1430	PAB	15205/N; Mo-Sa (As)	1525-1555	TWR Swaziland	4760 (6025) (SAf)
1415-1430	R Vientiane	6145 (EAs)	1530-1545	AIR	7255/Aligarh, 9820/Pan, 9910/Pan (SAs)
1415-1430	R Nepal	5005#, 6100(alt) (As)	1530-1545	Bangladesh Betar	4750 irr (As)
1415-2300	R Africa	15190 # (Af)	1530-1550	Vatican R	11850/PH, 13765/UZB, 17520/MDG (As)
1425-1455	TWR Swaziland	(4760) 6025 (Mo-Fr) (SAf)	1530-1600	AWR /KSDA	15255/CLN-TRM (CAs/SAs)
1430-1445	PAB	15205/F; Su (ME/As)	1530-1600	Bible Voice	15275/F; Thu (SAs)
1430-1500	Bible Voice	17495/W (As)	1530-1600	PBS Xizang Lhasa (Holy Tibet)	4905, 4920, 5240, 6110, 6130, 6200, 7255, 7385 (CAs)
1430-1500	China Business R CNR 2	6155/Be (As)	1530-1600	Sudan R Services	17495/Wof (EAF)
1445-1530	FEBA/ HCJB Global	15340/Kun (As)	1530-1600	Vo Mongolia	12085 (9665) (As)
.....	15:00		1530-1627	IRIB Tehran	11945, 13780 (SEAs)
1500-1515	Bible Voice	13740/N; Su (As)	1530-1630	Disco Palace	15775/F (As)
1500-1525	Vo Strait	4940/TWN (EAs)	1530-1630	SLBC	11905/CLN-TRM (As)
1500-1530	Bible Voice	15275/N; Su (As)	1530-1915	R Tanzania	11735 (Af)
1500-1528	Vo Vietnam	7285, 9840, 12020 (As/Af)	1551-1750	RNZI	6170, 7440* (Pac)
1500-1530	AWR /KSDA	15200/GUM#; Mo, Th, Fr (SAs) Tue/Wed -1535	.....	16:00	
1500-1600	BBC WS	6190/RSA, 7435/RSA, 12095/SEY, 15400/ASC, 17640/CYP, 17830/ASC, 21470/CYP (Af) 5845*/TH, 5875/TH, 6195/SNG, 9540/SNG, 9740/SNG, 15310/OM (As)	1600-1615	Vo Croatia	1134/Rasinovac, (6165) 3985 (So -1605)
1500-1600	Channel Africa	9625; Mo-Fr (Af)	1600-1628	Vo Vietnam	7220, 7280, 9550, 9730 (Af)
			1600-1630	AWR /KSDA	11825/GUM, 15360/GUM (SAs)

1600-1700	BBC WS	3255/RSA, 6190/RSA, 12095/SEY, 15400/ASC, 15420/SEY (Su), 17640/ASC, 17830/ASC, 17795/ASC, 21740/CYP(Af) 5845*/TH, 5975/OM, 9410/OM (As)	1700-1800	CRI Beijing	6145/Xi, 9695/Be, 13760/Kash; 1323/Lhasa, 6090/Xi, 6140/Kash, 7410/Kash, 7420/Kash, (As); 6165/Be, 7265/Ku (ME)
1600-1700	CBC NQ	9625; Sa (NAm) (till 12-10-31)	1700-1730	R Australia	5995/Sh, 9475/Sh, 9500/Sh, 9580/Sh, 11660/Sh, 11880/Sh (As/Pac)
1600-1700	CRI Beijing	963/FIN, 11940/Kash, 11965/Kash, 13760/Kash; 7420/Kash (NAf/ME); 1323/Lhasa, 6060/Ku (As)	1700-1800	R Romania Int.	9535*, 11740 15690/F (Af)
1600-1700	KBS World	9515; 9640 (As)	1700-1800	R Taiwan Int	7210/STP, 9725/CLN-Ira, 15580/BOT (Af)
1600-1700	R Australia	5940/Sh, 5995/Sh, 7240/Sh, 9475/Sh, 9540/SNG, 11660/Sh, 11880/Sh (As/Pac)	1700-1800	VoA	7270*/Kal, 12040/; 1251/Du (As), 1269/Xuanwei/China (EAs), 4975/Du, 7285/M 11985/Du (ME/Af)
1600-1700	R Taiwan Int.	9435, 12055/F, (SAs)	1700-1800	Vo Tajik	7245 (ME/CAs)
1600-1700	VoA	909/BOT, 4930/BOT, 6080/STP, 15580/BOT (Af)	1700-1800	WYFR	17545/ASC (Eaf)
1600-1700	VoA	1530/STP, 12080/BOT, 13570/Gr, 15470/BOT (E Special) (As)	1700-2000	TWR Swaziland	3200 (SAf)
1600-1700	Vo Ethiopia	7165#, 9560v (Af)	1700-2100	CBC NQ	9625; Su (NAm) (till 12-10-31)
1600-1700	Vo Korea, Py.	3560 (EAs), 9990, 11545 (ME/NAf)	1700-2100	Vo Nigeria	7255 (Waf), 15120 (+ NAf), 17800## (CAf/SAf)
1600-1700	Vo Russia	7370*/Kal; 1251/Du, 4975/Du, 7285/Sam, 11985/Srp (ME) 1251/Du, 6070*/Vla (As)	1700-2100	WBCQ	15420 (Am)
1600-1700	WYFR	11850/UAE (As)	1700-2100	WINB	15370 (NAm)
1600-1800	CRI	7235/Kash (As) 9570/Xi, 11900/Jin (Af)	1700-2400	Christian Voice	4965 (Af)
1600-1800	R Cairo	15345 (CAf/SAf)	1730-1800	IRRS	7290/ROM; Su
1600-1800	WHRI 1	9840, Su (NAm); 21630 (Af)	1730-1800	R Australia	5995/Sh, 6080/Sh, 9475/Sh, 9500/Sh, 9580/Sh, 11880/Sh (As/Pac)
1600-2400	WRMI	9955; Sa/Su (CAm)	1730-1830	SARL	4895; Mo (SAf)
1630-1655	PBS Xizang Lhasa (Holy Tibet)	4905, 4920, 5240, 6110, 6130, 6200, 7125, 7385 (EAs) (Mo-Sa)	1730-1800	Vatican R	11625, 13765, 15570 (Af)
1630-1700	AWR (KSDA)	11740/ GUM (SAs)	1730-1930	R Pilipinas	9395, 11720, 15190 (As)
1630-1700	VoA	9490/W, 11655/W, 13800/W; Mo-Fr (Sudan)	1745-1945	AIR	7410/Ben, 9950*/Delhi, 11670/Ben; 7410/Delhi, 9445/Ben (NWAf); 11935/Mumbai, 15075/Aligarh, 15155/Aligarh, 17670/Delhi (Eaf)
1630-1700	Sudan R Service	17745/Wof (Eaf)	1745-1800	Bible Voice	17515/F; Sa (Af)
1630-1725	Vo Turkey	15520 (As)	1745-1815	Bangladesh Betar (Voice of Islam)	7250 (15505) (+ME)
1640-1650	R Ashkabad	4930 (CAs)	1751-1836	RNZI	9615, 7440* (Pac)
1645-1700	Bible Voice	15215/W; Mo/Wed (ME) Fr - 1715	1755-1855	SW R Africa	4880/RSA (SAf)
1645-1720	Bible Voice	15215/W; Th (ME)	..... 18:00		
1645-1800	Bible Voice	15215/W; Tue, Sa (ME)	1800-1810	Zanzibar BC	11735 irr (Eaf)
1645-1900	Bible Voice	15215/W; Su (ME)	1800-1815	Bible Voice	11855/N Sa (ME)
..... 17:00			1800-1830	AWR	3215/RSA, 3345/RSA (Eaf/SAf)
1700-1710	R Pakistan	7530 (ME), 9470 (SAf)	1800-1900	Bible Voice	6130/W ; Sa/Su (RUS)
1700-1728	Vo Vietnam	9625/OE	1800-1845	Bible Voice	9430/N; Su; Sa-1845 (ME)
1700-1730	Vo Azerbaidjan	1296, 6110 # (ME)	1800-1900	BBC WS	3255/RSA, 6005/SEY (1830-), 6190/RSA, 9410/SEY (1830-), 11810/ASC, 12095/CYP, 15495/ASC, 17795/ASC (Af) 5875/CYP, 5950/OM (ME)
1700-1800	BBC WS	3255/RSA, 6190/RSA, 12095/SEY, 15400/ASC, 15420/CYP, 17640/CYP, 17795/ASC, 17830/ASC (Af); 5845*/TH, 5975/OM, 947565/TH (As)	1800-1900	CRI Beijing	6175/Be, 9600/Be, 13760/Kash; 7290/ROM; Fr-Su
1700-1800	Channel Africa	15235 (Af)	1800-1900	IRRS	7275
			1800-1900	KBS World	15385 (Pac)
			1800-1900	KJES	9690, 15345 (Mo-Fr)
			1800-1900	RAE	

1800-1900	R Australia	6080/Sh, 9475/Sh, 9500/Sh, 9580/Sh, 9710/Sh, 11880/Sh (As/Pac)	1900-2000	VoA	1530/STP, 4930/BOT, 4940/STP, 6080/BOT, 9850/RSA (-1930), 15580/BOT, 17895/CLN (-1930) (Af)
1800-1900	RCI	9530/Kash, 11765/Sk, 17810/Sk (Naf)			7485/CLN, 9490/Lam (As) Special E
1800-1900	R Omdurman	7200#, 9505#	1900-2000	VoA	9525v (11785alt)
1800-1900	R Taiwan Int.	3965/F	1900-2000	Vo Indonesia	3560 (EAs), 7210, 11910 (SAf); 9975, 11535 (ME/NAf)
1800-1900	R YR Sana'a	9780v (ME) #	1900-2000	Vo Korea, Py	7255 (Waf), 17800# (CAf/SAf)
1800-1900	TWR Africa	9500/Swazi (Af)			9840; Mo-Sa (NAm), 18930# ; 9775/UAE (Af)
1800-1900	VoA	909/BOT, 4930/BOT, 6080/STP, 9850/RSA (-1830), 15580/BOT (Af)	1900-2000	Vo Nigeria	15290(WAf)
1800-1900	Vo Korea (Py)	4405, 7570, 12015	1900-2000	WHRI	4890 (SEAs) #
1800-1900	Vo Russia	7370*/Kras, 9880*/Kal, 12040/M ; 4975/Du, 9900/ERV (ME)	1900-2000	WYFR	
1800-1900	WHRI	21630 Fr-Su (Af)	1900-2030	R Cairo	
1800-1900	WHRI	9840; Sa/Su (NAm)	1900-2200	NBC Port Moresby	
1800-1900	WYFR	5905/RSA, 9610/UAE, 13750/W (WCaf)	1900-2100	Vo Russia	1215/Kal, 6155*/Kal, 12040/M
1800-2100	R Kuwait	15540 (+NAm)	1900-2100	WBCQ	7490 (NAm)
1800-2200	R Liberia	5100# (Af)	1900-1100	SIBC	5020v (+Pidgin)
1800-2400	World University Network	13845; Su (NAm)	1930-2000	PAB	9515/N; Wed/Sa (NAf/ME) (till 12-09-22)
1805-1815	Vo Croatia	3985 ; Mo-Fr; Sa -1810	1930-2028	IRIB Tehran	9540, 9800 , 11750, 11885 (SAf)
1815-1845	Bible Voice	6130/W; Sa	1930-2030	RTE	5820/RSA (Af)
1815-1845	Bible Voice	9430/W; Su (ME)	..... 20:00		
1815-1900	R Bangladesh Betar	15505	2000-2030	R Tirana	7465 ; (Mo-Sa)
1830-1900	AWR	11840/RSA (Af)	2000-2030	TWR Africa	3200; Sa (Af)
1830-1900	BBC WS	9410/SEY (Af)	2000-2030	Vatican R	9755, 11625/MDG (Af)
1830-1900	Int. R Serbia	6100/BIH	2000-2100	BBC WS	3255/RSA, 6005/SEY, 6190/RSA, 9410/SEY, 9855/Wof, 11810/ASC, 12095/CYP, 13710/Sk, 15400/ASC (Af)
1830-1900	R PMR	9665 ; Mo-Fr	2000-2100	CRI Beijing	7415/Kash, 9600/Kash , 7295/Ur, 9440/Ku, 11640/Mali, 13630/Mali (ME/Waf/Naf)
1830-1900	R Prague	9955/WRMI (CAm)	2000-2100	DW	6150/RRW, 9490/RRW, 11800/RRW (CAf/SAf)
1830-1925	Vo Turkey	9785	2000-2100	Disco Palace	17755*/GUF (Am)
1830-1930	BVB	17515/F Fr; (Af)	2000-2100	R Australia	6080/Sh (-2030), 9500/Sh, 9580/Sh, 11650/Sh, 11660/Sh, 11695/Sh (2030-), 12080/Br, 15515/Sh (As/Pac)
1837-1850	RNZI	9615, 7440* (Pac)	2000-2100	RHC	11760 (NAm)
1845-1900	R Congo, Brazzaville	4765##, 6115 irr; Sa, Su	2000-2100	Shiokaze	6110/YAM (EAs)
1851-2150	RNZI	11725, 13730* (Pac)	2000-2100	VoA	1530/ST, 4930/BOT, 4940/ST (Mo-Fr -2030), 6080/RSA, 15580/MDG (AF)
..... 19:00			2000-2100	VoA	7485/CLN, 9480/TH (ME)
1900-1915	R Congo, Brazzaville	4765##, 6115 irr; Mo-Thu	2000-2100	WHRI	17510 ; Su (+NAm)
1900-1928	Vo Vietnam	7280, 9730 (+As)	2000-2100	WHRI	21630; Sa (Af)
1900-2000	BBC WS	3255/RSA, 6005/SEY, 6190/RSA, 9410/SEY, 11810/ASC, 12095/CYP, 15400/SEY, 17795/Wof (Af) 5875/CYP, 5950/OM (ME)	2000-2100	WYFR	15195/ASC (Af)
1900-2000	CRI Beijing	7295/Ur, 9440/Ku (ME/NAf/WAf), 7295/Ur, 9440/Ku (WAs)	2000-2200	CRI Beijing	5960/ALB, 7285/ALB
1900-2000	DW	9735/RRW (-1930); 7365/RRW, 11800/RRW (Eaf)	2000-2200	CVC	13590/Zambia (Af)
1900-2000	R Australia	6080/Sh, 9500/Sh, 9580/Sh, 9710/Sh, 11660/Sh, 11880/Sh (As/Pac)	2000-2200	R Belarus	6155, 11730 ; Mo-Fr
1900-2000	R Biafra	11870/W ; Thu/Sa + Igbo (Waf)	2000-2200	WEWN	15610 (Af)
1900-2000	REE	9665 , 9605; Mo-Fr (Af)	2000-2400	World University Network	13845 (Am)
1900-2000	R Thailand	9680	2030-2045	R Thailand	9535
			2030-2056	R Romania Int.	9700* , 11880 ; 13800, 15220 (NAm)

2030-2100	Vo Vietnam	7220, 7280 , 9550, 9730 (Af/EAs)	2200-2300	R Australia	9660/Sh, 9855/UAE, 11695/Sh, 12080/Br, 13630/Sh, 15230/Sh, 15240/TWN, 15415/Sh, 15515/Sh, 21740/Sh (As/Pac)
2030-2100	R PMR	9665; Mo-Fr	2200-2300	REE	6125 ; Sa/Su
2030-2120	VoTurkey	7205 (As/Aus)	2200-2300	R Romania Int.	7435, 9540 ; 9790, 11940 (NAm)
2030-2400	VoA	1296/Kabul, 7555/KWT (Afghanistan)	2200-2300	Vo Indonesia	9525v (11785alt) (As)
2030-2230	AIR	7410/Ben, 9445/Ben, 9950*/Delhi, 11670/Ben, 9575/Ben, 9910/Aligarh, 11620/Ben, 11715/Panaji (Aus/Pac)	2200-2300	Vo Russia	9800/Kras (Am)
..... 21:00			2200-2300	WHRI	11775, 17510; Su (+NAm)
2100-2128	CRI	11640/Mali, 13630/Mali, 9490/Xi (EAf/SAf)	2200-2300	WHRI	13610; Fr (NAm)
2100-2130	CBC NQ	9625; Sa - Fr (NAm) (till 12-10-31)	2200-2400	VoA	5895/PH, 5915/TH, 7480/KWT, 7575/PH, 12150/MRA (EAs, Pac)
2100-2130	AWR	11955/OE (Waf)	2200-2400	Vo Guyana	3290v (SAm)
2100-2130	Int R Serbia	6100/BIH	2200-2400	WBCQ	7490; Su-Fr (NAm)
2100-2130	KBS	3955/Sk	2200-2400	WEWN	15610 (+ME)
2100-2200	CRI	963/FIN, 1440/LUX, 7415/Kash, 9600/Kash;	2200-0300	WYFR	6145 (NAm)
2100-2200	BBC WS	7205/Xi, 7325/Be (Af)	2200-1000	World University Network	6090 (Am)
2100-2200	BBC WS	3255/RSA, 6190/RSA, 9410/SEY, 9915/ASC, 12095/ASC (Af)	2215-2230	Vo Croatia	3985 ; 7375/W (NAm)
2100-2200	DW	3915/SNG, 5875/TH, 5905/OM, 6195/TH (As)	2230-2300	AWR/KSDA	9730/CLN-TRM (SEAs)
2100-2200	R Australia	11800/RRW, 11830/RRW, 11865/RRW (Af)	2230-2300	PBS Xizang Lhasa (Holy Tibet)	4905, 4920, 5240, 6110, 6130, 6200, 7255, 7385 (EAs)
2100-2200	R Damascus	9500/Sh, 9660/Br, 11650/Sh, 11695/Sh, 12080/Br, 13630/Sh, 15515/Sh, 21740/Sh (As/Pac)	2230-2300	R PMR	9665; Su-Thu (NAm)
2100-2200	RN Angola	9330, 12085 #	2230-2330	VoA	7460/PH, 9570/TH, 11840/PH, 15340/MRA (SEAs) (Special English)
2100-2200	VoA	4950#, 7217v (SAf)	2230-2400	CBC NQ	9625; Su (NAm) (till 12-10-31)
2100-2200	Vo Korea, Py.	1530/STP, 6080/STP, 15580/BOT (AF)	2230-2400	NBC Port Moresby	9675 (SEAs)
2100-2200	Vo Russia	4405 (EAs), 7570, 12015	2230-0045	AIR Delhi	7305/Ben, 9705/Panaji (SEAs), 9950/Aligarh, 11620/Ben, 11645/Aligarh, 13605/Ben (As)
2100-2200	WBCQ	6155*/Kal	..... 23:00		
2100-2200	WHRI 1	7490 (Am)	2300-2400	BBC WS	3915/SNG, 6195/SNG, 9580/KOR, 9740/SNG, 9890/TH, 11850/SNG, 12010/TH (As)
2100-2200	WYFR	17510 ; Su (Am)	2300-2400	CBC NQ	9625 (NAm) (till 12-10-31)
2100-2300	TDP R	12070/ASC (Af)	2300-2400	CRI	7350/Kash ; 5915/Kash, 7410/Kash, 9610/Ku, (SAs); 11690/Be, 11790/Xi (SEAs); 5990/CUBA (Caribbean)
2100-2400	WWCR 2	17755*/GUF (Am)	2300-2400	KBS	1440/LUX
2100-0100	WWCR 1	9350 (Af)	2300-2400	R Australia	9660/Br, 9855/UAE, 11695/Sh, 12080/Br, 13630/Sh, 15230/Sh, 15240/TWN (-2330), 15415/Sh (2330-), 17750/Sh (2330-), 17795/Sh, 19000/Sh, 21740/Sh (As/Pac)
2100-0100	WWRB	6875 (NAm)	2300-2400	VoA	7460/PH, 9570/PH, 11840/PH, 15340/MRA (As/Pac) Special English
2100-0400	WINB	3215 (NAm)	2300-2400	VoA	1593/KWT, 5895/PH, 5910/TH, 7575/PH, 12150/PH (As/Pac)
2115-2245	R Cairo	9265 (CAm)	2300-0200	Vo Russia	9665/MDA, 9800/Kras (NAm)
2130-0830	ABC Northern Terr. Shortwave S.	11890	2300-0500	WHRI 1	7385; Su-Fr; 7315 Sa (Am)
2151-0458	RNZI	4835/VL8A, 4910/VL8T, 5025/VL8K (Aus)	2300-1100	WTWW	12100 (+NAm/Af) planned
..... 22:00			2300-2400	WYFR	11580, 15255 (CAm/SAm)
2200-2250	VoTurkey	15720, 17675* (Pac)	2300-0030	R Cairo	9965 (NAm)
2200-2300	BBC WS	9830 (+NAm)			
2200-2300	BBC WS	9730/SEY, 9915/ASC, 12095/ASC (Af)			
2200-2300	CRI Beijing	3915/SNG, 5875/TH, 5905/OM, 6195/SNG, 7490/TH, 9580/KOR, 9740/OM/TH (As/SEAs)			
2200-2300	CRI Beijing	1440/Lux, 7350/M ; 9590/Be (EAs)			

2330-2400 Vo Vietnam 9840, 12020 (As)

Sendezeiten in UTC =

Mitteuropäische Sommerzeit (MESZ) – 2 Stunden
 Time of transmissions in UTC = MEST minus 2 hours

Abkürzungen/Abbreviations:

bei Station/ with name of station:

Int. = International, R = Radio, Vo = Voice of

Location of transmitters with QRG / Senderstandorte bei Frequenz:

ALB = Albania, ANT = Neth. Antilles, Be = Beijing/CHN, Ben = Bengaluru (Bangalore), BIH = Bosnia-Herzegowina, BOT = Botswana, Br = Brandon/AUS, CAN = Canada, CLN = Sri Lanka, CLN-TRM = Trincomalee/CLN, CYP = Cyprus, Du = Dushanbe/TJK, ERV = Erivan/Armenia, F = Issoudun/France, FIN = Pori/Finland, FL = Florida/USA, Gr = Greenville/USA, GUF = French Guyana, IK = Irkutsk, Jin = Jinhua/CHN, CLN-Ira = Iranawila/CLN, Kash = Kashghar/CHN, Kom = Komsomolsk /Siberia, KOR = South Korea, Kras = Krasnodar/RUSSIA, Ku = Kunming/China, Kun = Kununurra/AUS, KWT = Kuwait, Lam = Lampertheim/D, LTH = Lithuania, M = Moscow /Taldom, MCO = Monaco, MDG = Talata/ Madagascar, MDA = Moldavia/ Kichinew, MRA = Northern Marianas, NOR = Kvitsoy/Norway, Pet = Petropavlovsk/ Kamtschatka, POR = Portugal, ROM = Romania, RRW = Ruanda, RSA = Meyerton /South Africa, Sam = Samara, SEY = Seychelles, Sh = Shepparton/AUS, Sim = Simferopol, Sk=Skelton/GB, SNG = Singapur, SP = St. Petersburg/RUS, Srp = Serpukhov/RUS, STP = Sao Tomé, SWZ = Swaziland, TH = Nakhon Sawan/Thailand, TWN = Taiwan, UAE = Al Dhabbaya/ United Arab Emirates, UR = Urumchi/CHN, UZB = Usbekistan, VAT = Vatican, Vla = Vladivostok; W = Wertachtal/D, Wof = Woofferton/GB, Xi = Xian/CHN, Ya = Yamata /Japan.

Within round brackets target areas as known / In runden Klammern die Zielgebiete, soweit bekannt.

Af = Africa, Am = America, As = Asien, Aus = Australien; Pac = Pacific Region, C = Central, E = East, N = North, S = South, W = West, ME = Middle East

multi = multi language program / mehrsprachig

Technical hint with QRG / Technischer Hinweis bei Frequenz:

(*) = Digital Radio broadcast (DRM)

/USB = upper sideband /oberes Seitenband,

/LSB = lower sideband / unteres Seitenband,

(QRG) = alternative frequency / alternative Frequenz /

irr = irregular / nicht regelmäßig

v = variable/variabel,

= mostly difficult to hear, possible transmitter break-down/off / meist schwieriger Empfang, eventuell Senderausfall

= Sender derzeit inaktiv bzw. sind nicht bestätigt in A12 / broadcaster inactiv and / or not verified in A12

PRINT in BLUE = insufficient information

PRINT in Red = changes noted

Some transmissions may be heard as well outside the target areas. This listing may be not complete, all statements without any obligations. Changes may occur within short due to interference, propagation etc. / Die Auflistung erhebt keinen Anspruch auf Vollständigkeit, alle Angaben erfolgen ohne Gewähr. Kurzfristig sind Änderungen möglich, um z.B. störenden Stationen auszuweichen, schlechten Ausbreitungsbedingungen usw.

Period A12 will last until end of October, 2012 / Sendeperiode A12 dauert bis Ende Oktober 2012.

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QSL CORNER

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Country	Station	Freq	Days	Remarks	OM
ALASKA	KNLS Anchor Point	9655	102	FD Card "Radio Station KNLS - antennas", Pennant	HTI
ALBANIA	Radio Tirana	7465	52	PD Card "Sketch - A woman in native dress"	HTI
AUSTRALIA	HCJB Global	15525	7	FD Card "HCJB Control Room - Quito, Ecuador", RP	HTI
AUSTRALIA	Radio Australia	9560	165	FD Card "Shepparton Station 60 Years" v/s Ian Johnson	HTI
BULGARIA	Radio Bulgaria	5900	1	FD e-Card v/s Vyara Popova, Editor, English Service	RDA
BULGARIA	Radio Bulgaria	7400	114	FD Card "Tsarevets No.6"	HTI
CHINA	Radio Exterior de España (via Xian)	11910	24	FD Card "70 aniversario"	HTI
CHINA	China Radio International	7215	15	PD Card "Lhoba ethnic minority group"	HTI
CHINA	Radio Canada International (via Kunming)	9880	1	FD e-Card v/s Bill Westenhaver, Audience Relations/Relations	HTI
CHINA	China Radio International	1044	50	FD Card "Pumi ethnic minority group", Paper cutting	HTI
COSTA RICA	Radio Republica (via Cariari)	5954	31	FD Card "DX Test from Radio Republica" via WRMI v/s Jeff White	RDA
FRENCH GUIANA	Family Radio (via Montsinéry)	7360	16	FD Card "Family Radio 1959-2009 50 Years", Sticker	RDA
GERMANY	Trans World Radio (via Nauen)	6105	8	FD PDF e-Card Media Broadcast v/s Lothar Kuckenberg	RDA
GERMANY	Radio Öorang (via Wertachtal)	15215	3	FD e-Card from Media Broadcast v/s Lothar Kuckenberg	RDA

GERMANY	Radio Nederland Worldwide (via Nauen)	9895	79	FD Card "A Dutch morning - Card One: Summer in Weesp"	HTI
GERMANY	Radio Dardasha 7 (Bible Voice)	7310	145	FD e-Card v/s Walter Brodowsky TDF Group SW Project Leader	RDA
GERMANY	Trans World Radio (via Nauen)	6105	47	PD e-Card v/s Walter Brodowsky TDF Group SW Project Leader	RDA
GERMANY	Radio Nederland (via Wertachtal)	6065	7	FD Card "Goodbye and Thanks!" + Sticker	MBE
GUAM	Adventist World Radio (via Agat)	9880	118	FD Card (2012 version), v/s Adrian M. Peterson	HTI
GUAM	TWR - KTWR	9910	25	FD Card "Old Spanish Bridge" v/s Kathy Gregowske	HTI
INDIA	All India Radio	15235	19	FD e-Card	HTI
INDIA	All India Radio	15235	93	FD Card "Bakhtawar Singhs' Chhatri, Alwar, Rajasthan	HTI
IRAN	Islamic Republic of Iran Broadcasting	9625	67	FD Card "Pol-e Khaju (Khaju Bridge) - Esfahan", v/s Garagani	HTI
JAPAN	Radio Canada International (via Yamata)	11730	6	FD Letter, v/s Bill Westenhaver	HTI
KOREA DPR	Voice of Korea	9650	40	FD Card "Pyongyang Department Store No.1"	HTI
KOREA DPR	Voice of Korea	11865	33	FD Card "City view of Pyongyang"	HTI
KOREA REP	FEBC Korea - HLAZ	1566	14	FD Card "FEBC-Korea (Jeju)", RP 1 IRC	HTI
KOREA REP	Radio Canada International (via Kimjae)	9525	5	FD Card "RCI 60 years", v/s Bill Westenhaver	HTI
KOREA REP	KBS World Radio	7275	138	FD Card "Dream High 2"	HTI
LAOS	Lao National Radio	6130	1083	FD Letter after 3 followups and 3 years, v/s Inpanh Satchaphansy	SCY
MONGOLIA	Voice of Mongolia	12085	29	FD Card "Along the Great Khongoryn sand dunes by camel"	HTI
MONGOLIA	Voice of Mongolia	12085	18	FD Card "Greetings from Mongolia", v/s Bolorchimeg	RDA
MONGOLIA	Voice of Mongolia	12085	10	FD e-Card v/s Enkhmaa Zorigt, Mail Editor	RDA
N. MARIANA IS	Radio Free Asia (via Tinian)	5820	9	FD Card "IBB's Tinian Relay Site"	HTI
NEW ZEALAND	Radio New Zealand International	11725	56	FD Card "New Zealand - The Ultimate Experience"	HTI
PAKISTAN	Radio Pakistan - PBC	15700	4	FD e-Card "Naltar Lake Near to Gilgit"	HTI
PALAU	World Harvest Radio, T8WH	9930	183	FD Card "The Second Coming of Christ" v/s Ms. Mieko Namihira	HTI
PHILIPPINES	Radio Nederland Worldwide (via Tinang)	7360	37	FD Card "Cleaning the canals in Weesp" with site as "Tinang 1"	HTI
PHILIPPINES	Radyo Pilipinas	17700	133	FD Card v/s Ric G. Lorenzo, Sticker, RP 2 IRCs	HTI
PHILIPPINES	Vatican Radio (via Tinang)	7395	36	FD Card "Interview with Benedict XVI", Sticker	HTI
PHILIPPINES	Radio Veritas Asia	15280	267	FD Card "The Spratly Islands", v/s Arlene Arungayan-Donarber	HTI
PHILIPPINES	FEBC International	12095	9	FD e-Card v/s Owen, QSL Response	RDA
PHILIPPINES	Voice of America (via Tinang)	17820	8	FD Card "Curtain antennas"	HTI
PORTUGAL	Deutsche Welle (via Sines)	9735	19	FD Card "20 Years of German Unity" v/s DW Customer Sce.	RDA
ROMANIA	Radio Romania International	9530	54	FD Card "Tudor Vladimirescu's Watchtower", Sticker	HTI
ROMANIA	Radio Romania International	9530	64	FD Card "Vineyard homestead in Glodeni, Gorj Country, 1847"	HTI
RUSSIA	Voice of Russia	6180	94	FD Card "To First Manned Flight into Space - Paintings"	HTI
RUSSIA	GTRK Tatarstan Wave (via Samara)	15105	221	FD Card "Staff of Radio Tatarstan", RP 2 IRCs	HTI
RUSSIA	Voice of Russia (via Chita)	15170	18	FD Card "To the first manned flight into space - Vostok"	HTI
RWANDA	Deutsche Welle (via Kigali)	15275	16	FD Card "20 Years of German Unity"	HTI
SINGAPORE	Deutsche Welle (via Kranji)	11965	16	FD Card "20 Years of German Unity"	HTI
SRI LANKA	Radio Free Asia	9385	15	FD Card "25th annual SWL Festival" with site as "IBB Sri Lanka"	HTI
SRI LANKA	Adventist World Radio (via Trincomalee)	15490	35	FD Card "Special QSL: AWR relay" v/s Adrian M. Peterson	HTI
SRI LANKA	Bible Voice Broadcasting (via	15270	21	FD Card "Reaching Nations... one person at a time"	HTI
SWAZILAND	Trans World Radio	15360	34	FD Letter, v/s L. Stavropoulos, RP 2 IRCs	HTI
SYRIA	Radio Damascus	9330	282	FD Card "Syrian Broadcasting & TV Service", Sticker	HTI
TAIWAN	Radio Taiwan International	9735	82	FD Card "National Taiwan Museum"	HTI
TAJIKISTAN	Bible Voice Broadcasting (via Dushanbe)	15620	12	FD Card "Reaching Nations... one person at a time"	HTI
THAILAND	Radio Thailand	9575	14	FD Card "Tapoo Island"	HTI
TIBET	China Tibet Broadcasting	7450	115	FD Card "Potala" v/s Xu Xianqun + official stamp	HTI
TURKEY	Voice of Turkey	11805	39	FD Card "The Voice of Turkey 75th year in Broadcasting"	HTI
UAE	Deutsche Welle (via Dhabbaya)	11945	24	FD Card "Relaisstation Sines/Portugal" v/s Horst Scholz	HTI
UNITED KINGDOM	Polish Radio (via Woofferton)	11960	8	FD Card "Ogrodzieniec"	HTI
USA	Voice of America (via Greenville)	5960	42	FD Card "Edward R. Murrow Transmitting Station"	RDA
UZBEKISTAN	Vatican Radio (via Tashkent)	13685	66	FD Card "His Holiness Benedict XVI", Sticker, Sked	HTI
VIETNAM	Voice of Vietnam	12020	15	FD Card "Constellation of Literature pavilion"	HTI

Thanks to our reporters:

HTI - Hironori Takeuchi, Yotsukaido-shi, Chiba, JAPAN. Rx: JRC NRD-535D

MBE - Michael Bethge, Bad Homburg, GERMANY

RDA - Rich D'Angelo, Wyomissing, PA, USA. Rx: Ten-Tec RX-340, Drake R-8B, Lowe HF-150, Eton E1, Alpha Delta DX Sloper

SCY - Swopan Chkroborty, Kolkata, INDIA



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, Unit # 28, 7035, Rexwood Road, Mississauga, ON, L4T 4M6, Canada
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MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
1170.0	1730	211	G	Classic Premier, Littleborn	English	King of Music	0406	MF
1197.0	0720	222	G	Classic Premier, London	English	Interview	0307	MF
1368.0	0430	322	G	Sunrise Derby	English	Talk	0307	MF

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
6050.0	0248	553	CUB	Radio Habana Cuba	English	Mailbag	0908	RL
6155.0	1800	444	FRA	Radio Taiwan via Issoudun	English	News	0607	PH
6175.0	0350	533	CAN	V.of Vietnam via Sackville	English	Discovery Vietnam	0308	RL
9400.0	1900	444	USA	Brother Stair	English	Talks	0807	PH
9475.0	1300	553	AUS	Radio Australia	English	Program highlights.	0808	RL
9515.0	0329	453	TUR	Voice of Turkey	English	Letterbox program	0908	RL
9540.0	1930	444	IRN	VOIRI	English	News	2306	PH
9625.0	1700	444	AUT	Vo Vietnam via Moosbrunn	English	News	1007	PH
9650.0	1245	443	CAN	KBS World via Sackville	English	Traditional music program	0808	RL
9655.0	1127	553	NZL	Radio New Zealand Int	English	Mailbox	0608	RL
9785.0	1830	555	TUR	Voice of Turkey	English	General News	2606	PH
11695.0	2100	444	AUS	Radio Australia	English	News	0307	PH
11715.0	2100	444	IND	All India Radio	English	News	1307	PH
11725.0	0736	553	NZL	Radio New Zealand Int	English	Mailbox	0608	RL
11735.0	1800	444	TZA	Radio Tanzania, Zanzibar	English	News	2906	PH
11750.0	1930	444	IRN	Voice of Iran	English	Singing	2607	PH
11740.0	1700	555	ROU	Radio Romania Intl.,	English	Pen Club	0307	PH
11865.0	2100	555	RRW	Deutsche Welle, Kigali	English	News	0307	PH
11965.0	0049	553	ROU	Radio Romania Int	English	Society, Passive smoking	0908	RL
12040.0	1900	333	RUS	Voice of Russia	English	News	3007	PH
13775.0	0435	453	RUS	Voice of Russia W.Service	English	In between, flea markets	2807	RL
15235.0	1700	333	AFS	Channel Africa	English	About Africa	0307	PH
15540.0	1800	444	KWT	Radio Kuwait	English	News	0207	PH

15580.0	1300	333	BOT	VOA	English	News	2006	PH
15720.0	0342	453	NZL	Radio New Zealand Int	English	Mailbox	0708	RL
17490.0	0700	444	CHN	CRI	English	About China	2406	PH
17510.0	1130	444	ROU	RRI	English	Listeners Box	3006	PH
17640.0	1100	333	ROU	RRI	English	Newsreel	0108	PH

Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA:

- 5952.45 BOLIVIA. Radio Pio Doce, 0052-0126 Jul 22, excited talk by a man announcer in Spanish. Another man with formal ID at 0056 followed by some announcements. Vocals from 0102 hosted by a man. Fair but deteriorating after 0100.
- 6070.0 CANADA. CFRX – Toronto, 2335-2347 Jul 10, ad for RBC Canadian Open, iPhone and other stuff before returning to talk show with "News, talk 10-10" ID. Good signal.
- 7505.35v USA. WRNO Worldwide, man announcer with long religious talk from an outfit later identified as being from San Diego, CA. Program ended at 0222 then there was dead air between program (would have been a nice place for an ID). Another religious program with Pastor JP followed. Excellent signal although modulation somewhat muffled.
- 9580.0 GABON. African Numero Un, 2247-2300* Jun 20, discussion program with several men talking in French. At 2257 ID by a man announcer followed by tribal vocals. A woman gave ID and formal sign off announcements at 2259 over instrumental music. Fair to good.
- 9590.0 CHINA. China Radio International – Kashi, 0048-0057* Jul 11, pop vocals with a woman announcer with Spanish talk before more music. Carrier terminated in mid-song. Poor to fair.
- 9610.0 CANADA. Vatican Radio via Sackville, 0242-0322 Jul 22, French program closing at 0249 with IS. Into English program with Spanish from 0320. Good signal until July 31 when Sackville is listed as closing.
- 9780.0 CHILE Voz Crista, 0041-0110 Jul 22, Man with religious talk in Spanish followed by several IDs around 0100. After some announcements another man began a long religious talk. Fair but //11665 was very good.
- 9870.0 CLANDESTINE (Zimbabwe). Radio Voice of the People via Madagascar, *0400-0422 Jul 14, man announcer with opening ID and announcements in local language. After drums repeated in English. Brief local language news followed by English news. More talks and local music. Fair to good signal.
- 11905.0 SRI LANKA. Sri Lanka Broadcasting Corporation – Ekala (presumed), 0126-0143 Jul 22, Man announcer with Hindi talk followed by Hindi vocals with flute music. More talk after music. Poor.
- 11920.0 IRAN. Voice of Justice, 0349-0420 Jul 11, English service with feature called "Topical Interview on Current Affairs" which mainly focused on anti-US administration issues in Middle East. Instrumental music at 0400 followed by ID and another feature about Iraqi villages. Fair.

Thanks a lot to our club members for your contributions:

- MF : Michael Frese, Osnabrueck, Germany. Grundig Yachtboy 400 with telescopic aerial
- PH : Paul Hayes, Limerick, Ireland. ICOM RC 75. Wellbrook 200p, Satellit 450, SONY ICF 7600GR with long wire.
- RAD : Richard A. D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Lowe HF-150 with Alpha Delta DX Sloper, Datong FL3.
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD - 535 HF with random long wires in the trees.

Dear Friends,

Welcome to a very short edition of Logbook. Probably everybody were busy watching the Summer Olympics. Nice to hear from Michael Frese after a long time.

Thanks to our regular contributors for their loggings.

Till next time,

Ashok Kumar Bose

RADIO BROADCASTING IN GOA by Dr. Adrian M. Peterson, AWR

Emissora Radio in Goa India: The Early Years

The one-time Portuguese territory of Goa, located on the west coast of the Indian sub-continent, is listed as the smallest state in the Union. The coastline of Goa is just 63 miles long, and the total area is just 1500 square miles. The small capital city of Goa is Panaji though in Portuguese days, it was known as Panjim, and the official language is Konkani written in the Indian Devanagiri script. Tourism is given as one of their chief industries, with some two million tourists visiting the area each year.

The history of Goa can be traced way back to the earliest days of pre-history in India, when the Konkan people moved into the area from the north. It is known that Middle Eastern traders from Sumeria traded with the Goan people more than 4,000 years ago; and around 1775 BC, the area was also settled by Phoenician seafarers from the eastern Mediterranean.



The earliest reference in Indian writings to the territory of Goa is found in the Bhishma Parva around 800 BC, when the people were known as cattle herdsmen and land farmers. Over the years, Goa has been recognized under many different names, such as Sibo by the Greeks, and Sindabur by the early Arabs.

Portuguese influence in the area began in 1498 when Vasco da Gama reached nearby Calicut on the Malabar coast; and over a period of time, the Portuguese established more than twenty small colonies in the coastal areas of the Indian sub-continent, with Goa as the largest and most important.

During World War 2, Portugal remained neutral, and thus Goa remained neutral also, though surrounded by British India. It is known however that three German trading vessels took shelter in the Mormugao Harbor, and in 1943 one of them was sunk by British forces due to the fact that a radio transmitter aboard the vessel was alerting lurking nearby German submarines about the movement of British shipping.

During the middle of last century, the Indian government made several requests to Portugal to release their distant colony of Goa so that it could be absorbed into the Indian Union; and ultimately, on December 19, 1961, Indian forces moved into the area and took over. Goa was subsequently incorporated into India as a state, and the other remaining Portuguese territory known as Daman & Diu was taken over as a Union territory.

In 1938, cable communication was established between Goa and the mother country of Portugal, and we would suggest that this was via the cable terminal operated by Cable & Wireless in Bombay. Eight years later, the resident engineer for the cable company in Goa, Victor Carvalho, gave technical assistance to the newly formed Radio Clube, and a new radio broadcasting service was instituted with the use of a small amateur transmitter that was donated by Jose Ferriera.

The date of this first radio transmission from this small new facility was May 28, 1946, and the territorial Governor-General issued a postage stamp on the same day to commemorate the event. The first improvised microphone was encased in a coconut shell.

It is not known exactly where this small radio broadcasting station was located, nor what power and frequency were in use. However, it would be presumed that it was installed into an already existing building somewhere in what we might call suburban Goa. It is probable also that the low power amateur transmitter was tuned to a shortwave channel, (perhaps 7 MHz?) due to the fact that the channel that was chosen for the subsequent more substantial radio station was in the shortwave broadcast bands.

Two years later, a substantial radio broadcasting station was erected on the rise of a hill at Althino in Nova Goa (New Goa), Panjim. Both studios and transmitter were installed here, and this early transmitter was an American unit made by the American Federal Telephone & Radio Corporation of Clifton, New Jersey in the United States.

This new transmitter was rated at $\frac{1}{2}$ kW, and a locally made power amplifier raised the aerial power up to 1 kW. The original shortwave channel was 7230 kHz in the 41 metre band, though soon afterwards, the operating frequency was moved to the more familiar 9610 kHz in the 31 metre band. This station was widely reported in several countries of Europe, as well as in the United States and the South Pacific, and numerous QSL letters and cards were issued in confirmation of listener reception reports.

Two years later again, that is in 1950, a mediumwave transmitter was installed at the studio location and this operated with $2\frac{1}{2}$ kW on 557 kHz. At this stage, regular callsigns were allocated to this radio broadcasting service, though the calls sounded like amateur callsigns. The call for the mediumwave outlet was listed as CR8AA, and the shortwave outlet was identified as CR8AB.

In 1952, that is four years after the station was launched at Altinho, an offsite transmitter base was constructed three miles distant at an isolated country location known as Bambolim. The first transmitter installed here was a shortwave unit rated at 7½ kW. Seven years later, a 10 kW shortwave transmitter was installed at this location, and also two mediumwave transmitters rated at 10 kW & 5 kW.

We should also mention that a 50 kW shortwave transmitter with a new antenna system was installed at Bambolim for an intended new External Service, and test broadcasts were heard far and wide beginning in August 1960. This new External Service was on the air, broadcasting east & west on two channels in parallel, one at 50 kW and the other a 10 kW unit operating at 7½ kW.

Trouble was brewing for Portuguese Goa, and on Monday December 18, 1961, Emissora Goa left the air at 8:00 am. At the time, Emissora Goa was on the air with a total of six transmitters:

Bambolim	2 SW	50 kW & 7½ kW
	1 MW	5 kW on 880 kHz
Altinho	1 MW	on 1440 kHz
	2 FM	transmitters

The station at Bambolim was destroyed by the Indian air force in a bombing raid, and an aerial photograph shows the whole facility burning furiously. Goa was taken over next day, Tuesday December 19, 1961, and Goa was thus absorbed into the independent nation of India.

Emissora Radio in Goa: The Early Years with All India Radio

Immediately following the annexation of Goa by India, work commenced on the restoration of the radio broadcasting station. It would appear that no damage was done to the studio facility at Althino in Panaji, though an aerial photo shows at least one of the transmitter buildings at Bambolim on fire, with what looks like a massive fire.

Just three weeks later, the station returned to the air again, though some of the specific details are not known. We would presume that a low power temporary mediumwave transmitter was brought in to Goa and it was installed, perhaps at the studio on Altinho hill, or perhaps at Bambolim.

At 6:00 pm on Wednesday January 10, 1962, Emissora Goa was reactivated under All India Radio on 880 kHz with a speech by the military governor, Major General K. P. Candeth. The station slogan, "Emissora Goa", remained in usage as the local identification announcement for more than another four years. On October 12, 1966, the Portuguese "Emissora" identification was finally dropped, and the station announcement for AIR Goa was changed to All India Radio Panjim.

A well known DXer in Goa, Flavio Raposo in Caranzalem, investigated in depth the history of radio broadcasting in Goa, and he reported many years ago that the 50 kW shortwave transmitter at Bambolim was reactivated for the broadcast of the External Service of All India Radio in the Konkani language, beamed towards Africa. This service, he stated, was on the air at 1815 UTC on 11780 kHz and the programming presented news, folk dramas, request songs, and other feature programs.

There is no known reference to these revived broadcasts on shortwave from Goa, but the Raposo report seems to be correct. It would appear then that the newer transmitter building and the 50 kW shortwave transmitter at Bambolim were not badly damaged in the air raid.

External Service programming in the Goan Konkani language was on the air previously from this transmitter under Emissora Goa, and it would appear that the revived Konkani programming was coming from Goa itself. Flavio Raposo stated that the revived usage of the 50 kW shortwave transmitter began soon after the station itself returned to the air as an AIR relay station in 1962, and it was on the air for more than a year, well into the year 1963.

On May 22, 1969, a new 10 kW mediumwave transmitter tuned to 880 kHz was inaugurated at Bambolim; and since that time, additional mediumwave, FM and TV transmitters have been installed in Goa, but not any transmitters for a revived local shortwave service. The studio building was renovated and enlarged, and then more recently, new studio buildings were erected.

The current World Radio TV Handbook shows the following two mediumwave transmitters on the air in Goa, in addition to several FM stations and TV channels:

Panaji A with 100 kW on 1287 kHz & Panaji B with 20 kW on 828 kHz

High Powered Transmitter Station: Bambolim

It should be remembered also that All India Radio has more recently erected a large high powered shortwave station at Bambolim, adjacent to the old transmitter facility of Emissora Goa. Planning for this new station began in 1992, and two

transmitters at 250 kW each together with a new antenna farm were installed. Some years ago, Jose Jacob VU2JOS of Hyderabad in India, made a visit to AIR Bambolim, and he tells us that the two transmitters are identified by staff personnel as Mandovi & Zuari, the names of two local rivers.

The first test transmissions from this new shortwave station were noted in November 1994 on 4775 kHz. Due to staff shortages, there was a delay in taking these two impressive units into regular service. However, in February 1995, these two transmitters were noted on a regular schedule, which included the relay of programming from the local mediumwave station, Panaji A on 1287 kHz.

These days, the External Service programming from AIR Bambolim is beamed towards foreign countries to the north east & north west, and also to the south east.

Radio Broadcasting in the Portuguese Colonies at Daman & Diu

Towards the end of the Portuguese era in the Indian sub-continent, ambitious plans were laid in 1960 for the construction of two high powered shortwave stations in Daman & Diu. It was intended that the station in Daman would beam its programming to East Pakistan (now Bangladesh) and the station in Diu would beam its programming to West Pakistan.

It was intended that the program relay for these two transmitters would come from Goa, and that the 50 kW transmitter that was inaugurated in August 1960 would provide the program feed. It would be presumed that the two projected transmitters at Daman & Diu would also be rated at 50 kW each.

However, these two linked colonies, Daman & Diu, were annexed into India at the end of the year 1961, at the same time as Goa was taken over, and these projected radio stations were never constructed. Daman & Diu were two small Portuguese colonies on the west coast of India, less than a hundred miles north of Bombay.

Currently, there are just two radio stations listed for the Indian territories of Daman & Diu. All India Radio in Daman is heard on 102.3 FM, and in Diu on 102.0 FM.

Adventist International Radio in Goa

Back at the time when Goa was a Portuguese colony, the Adventist denomination began a regular series of broadcasts from the old Emissora Goa. The program was the American "Voice of Prophecy" with the illustrious Dr. H. M. S. Richards in California, it was broadcast from the large 18 inch disc recordings of that era, and it was on the air each Sunday for half an hour.

This "Voice of Prophecy" radio program was the first syndicated Christian religious broadcast from Emissora Goa and it was transmitted from station CR8AA with 2½ kW on 557 kHz, and CR8AB with 1 kW on 9610 kHz. The opening broadcast of this program was inaugurated on Sunday April 30 1950, and the final broadcast took place at the end of the following year 1951.



Dr. Adrian M. Peterson

However, the World Radio TV Handbook for 1954 tells us that there was a revival of this programming from Emissorra Goa three years later, on Sundays at 0700 UTC. At that time, mediumwave CR8AA was still on the air with 2½ kW on 557 kHz, though the shortwave service was now on the air with a new 7½ kW transmitter at Bambolim on the same international shortwave channel 9610 kHz. It is suggested that this second series of Adventist broadcasts from Goa for coverage into India was on the air for a few months during the years 1953 & 1954.

(Dr. Adrian M. Peterson, Adventist World Radio, AWR "Wavescan" - DX Programme)

RADIO IN NORWAY - NRK's History in Brief

The first step was taken towards broadcasting in Norway in 1923 as a series of test broadcasts were made from Tryvann and Kongensgate in Oslo.

Two years later, in 1925, the first broadcasting company was founded, and the first year of regular radio broadcasts became reality. 1925 was also the first year that the licence fee was collected. A permit was also required to own a radio. Local offices were opened



NRK Broadcasting House in Oslo

The first legislation covering NRK was passed in 1933, and the company

was reestablished under its current name. All private broadcasting was shut down. NRK opened its first local offices in Tromsø, Bodo, Trondheim, Ålesund, Bergen, Stavanger, and Kristiansand that year. These cities had hosted private broadcasters before then, but became part of NRK under the new legislation.

In 1935 the first mobile unit for producing radio programmes was developed, and radio increased its popularity.

NRK started broadcasting on shortwave, a 5 kW transmitter at Lambertseter, Oslo, in the late thirties, but transmissions were discontinued during the German occupation of Norway, 1940-45. During the war, transmissions to occupied Norway, however, continued from the BBC and from WRUL in Boston, USA.

"This is London"

By the outbreak of World War II, NRK's broadcasts reached half the population. This increase was naturally dramatically set back by the war. The words "Dette er London!" -This is London - became legend.

These words promised contact between the occupied homeland and the free, allied world. Broadcasting from its true premises was not possible, only brief war propaganda. Cooperation between the BBC in Britain and the London-based branch of the NRK led to creation of the daily programme "London Radio", which was broadcasted to thousands of illegal radios around the nation.

By the end of World War II, radio had received a new status in Norwegian homes and the number of receivers quickly grew to the same level as before the war. In 1948, the Parliament decided that a Director General should oversee both programmes and administration. Kare Fostervoll was appointed the first Director General.

After the war, a shortwave station was built at Fredrikstad, in the south-eastern part of the country, transmitting solely to the North Atlantic and North America. Later, however, new transmitters were added, and service expanded. In the beginning, programmes were aimed at Norwegian sailors (Norway has always been a major maritime nation), but a weekly half hour programme in English was quickly added, to make further use of the possibilities of shortwave broadcasting.

By 1992, Radio Norway International operated a 350 kW station at the original site at Fredrikstad, but due to environmental reasons, the new transmitters (2 x 500 kW at Kvitsoy and 1 x 500 kW at Sveio) had to be built elsewhere.

Some 216 people are employed at Radio Norway International, which is a part of the NRK (the national public service radio and TV network). The studios are in the broadcasting house in Oslo, and programmes are relayed to the main transmitter at Kvitsoy via link, and Kvitsoy is responsible for further distribution to the transmitters. The newsroom was manned from 05.45 AM to 00.30, but transmissions were 24 hours. The control room and the studio were fully automated.

The weekly half hour in English was produced by the regular staff, who also make programmes in Norwegian. The budget was around 1 million US \$ annually.

NRK did QSL listeners' reports, but only QSL'd once in each frequency period.

Shortwave broadcasting from Norway ended on 1 January 2002.

Radio in Norway Today

NRK P1 is Norway's largest radio station, aiming to provide good content to a wide group of listeners over the age of 30. This station places emphasis on news, music, entertainment and everyday journalism.

P1 is also a contingency station, broadcasting news programmes at regular times and also providing extraordinary coverage as necessary.

NRK P2 provides in-depth programmes in NRK's radio universe. It aims to challenge curious listeners and provide them with an insight into cultural and social matters.

The music on P2 is primarily motivated by its journalists and genres like classical, jazz and folk music feature heavily. This channel has set itself a goal designed to strengthen its position among 30-50 year-olds and it has made changes in its broadcasting schedule. One of these changes involves a new appear

NRK P3 is a radio station for young people, focusing on new music, comedy and entertainment. Its target group is young people in Norway between the ages of 15 and 30. P3's main objective is to be a relevant, entertaining and important station for its target group, to provide its listeners with good music and unique experiences and to present youth reality.

(Via Alan Roe, July World DX Club Contact via DXLD, based on information supplied by Edwin Southwell and Stig Lindholm and NRK's website <http://www.nrk.no/informasjon/about_the_nrk/1.3698330>)

The Story of the Deutsche Welle Relay Station at Trincomalee by Dr. Adrian Peterson, AWR

The picturesque and strategic harbor at Trincomalee is situated on the east coast of the island of Sri Lanka, at around 1/3rd of the way down the total eastern coastline. The harbor is well attested in ancient times, and it was visited by the famous Italian explorer and traveler, Marco Polo, on his return visit from China in the year 1292.

The harbor was in use by the British Royal Navy as a submarine base during World War 2, acting as a guard point to the wide Bay of Bengal. There was also a British Royal Air Force base nearby.

On August 12, 1980, representatives from Deutsche Welle in Germany and the Sri Lanka Broadcasting Corporation in Colombo signed a mutual agreement, whereby a large radio broadcasting station, mediumwave & shortwave, would be constructed at the former Royal Navy Base, a dozen miles north of Trincomalee Harbor. This original agreement provided for one mediumwave transmitter at 600 kW, three shortwave transmitters at 250 kW, and one communication transmitter at 10 kW. An additional clause provided for a doubling of the station's broadcasting equipment, if needed.

The Trincomalee site is located in the community of Perkara and it was originally under consideration for use by Trans World Radio TWR, though they subsequently preferred to build their station north of Colombo, near the west coast of the island. The original concept on the part of Deutsche Welle was that the large Trincomalee-Perkara relay station would be a joint project between Deutsche Welle in Germany & Radio Tehran in Iran.

Throughout the development of the station, progress always seemed to be somewhat slow, due to the isolation of the area, and at times also to the incursions of local insurgents. Construction work on the 242 acre site at Perkara began in October 1982. Some of the old colonial buildings from the British days were modified and updated for use by the station, and several buildings were constructed new.

Local wildlife also played its part at various times in causing disruption at the station, with occasional elephant herds breaking through the perimeter fencing and tramping through the property. Then again, there were the occasional fights and adventures on the part of monkeys who enjoyed swinging through the wires in the curtain antenna systems. Crocodiles also ventured onto the station property on occasions.

Test broadcasts from the 1st shortwave transmitter were noted on December 1, 1984, and also from the 2nd shortwave transmitter a few weeks later, in early January 1985. In April, test broadcasts were noted from the mediumwave transmitter; and in mid year, the 3rd shortwave transmitter became airborne. Electric power was generated at the station itself.

The final configuration of the four broadcast transmitters was a little different from that which was originally envisaged. The 600 kW mediumwave transmitter became two at 300 kW, though the total output on 1548 kHz was dropped to 400 kW. The three shortwave transmitters at 250 kW each became two at 300 kW and one at 250 kW, though all were in use on air at 250 kW each. This electronic equipment was provided by the German electronics giant, Telefunken.

The original program feed was provided via Colombo, with 5 FM transmitters perched on top of Sri Lanka's 2nd highest mountain, at Radella. In due course, the program feed from Germany was taken off satellite at Perkara.

Deutsche Welle Perkara-Trincomalee was ready for full service in October 1988, but this usage was postponed until the middle of the following year, due to a shortage of local trained staff. The three shortwave transmitters were heard at good level throughout Asia, and well beyond also. The mediumwave transmitter was also heard quite widely.

Multitudinous QSL cards have been issued in confirmation of wide coverage areas of Deutsche Welle Sri Lanka. According to one reference, the official Sri Lankan callsign for this mighty station was 4QQ, though no callsign was ever used on air.

There were times when the station was closed, and at times the staff was evacuated to safe locations when insurgents infiltrated the area. On those occasions, DW programming to the Trincomalee coverage areas was carried by Radio Veritas in the Philippines, and also by shortwave stations located in the southern countries of the former Soviet Union.

As is happening these days to so many important shortwave stations throughout the world, downsizing is now part of the picture. Deutsche Welle decided to close two of its major shortwave relay stations, Sines In Portugal & Trincomalee in Sri Lanka. At the end of October last year Deutsche Welle programming from the Trincomalee relay station came to an end, though some client programming remained on the air until the end of the year.

However at this stage, the noted Victor Goonetilleke in Colombo reported that the SLBC carried one program via the Trincomalee station, and this was a three hour broadcast in the Sinhala language beamed to the Middle East on 11750 kHz from 1530 - 1830 UTC.

Then Jose Jacob VU2JOS at Hyderabad in India noted a brief series of test broadcasts from the mediumwave transmitter on 1548 kHz, when a simple station announcement was given in several languages. That was earlier this year.

On January 1 earlier this year, the large international radio broadcasting station located at Perkara-Trincomalee was taken over by the Sri Lanka Broadcasting Corporation. That was the end of an era; alas DW Sri Lanka is no more!

(Dr. Adrian Peterson, Adventist World Radio, AWR "Wavescan" - DX Programme)

WORLDWIDE DX CLUB

WORLDWIDE DX CLUB, founded in 1966, does not claim to be the biggest or best DX club in the world. Nevertheless, it offers its members and subscribers a rather good monthly bulletin (mainly in English) entitled "DX MAGAZINE" with up-to-date information on most aspects of DX'ing at the reasonable price of €15.60, £13.25, US\$20.30 or 16 International Reply Coupons (IRC's) per year (air mail: €19.20, £16.30, US\$25.00 or 20 IRC's).

Since WORLDWIDE DX CLUB is the "International Department" of ARBEITSGEMEINSCHAFT DX (AGDX), the head organization of the German language DX clubs, it is able to offer its members and subscribers another DX publication in German entitled "Radio-Kurier - weltweit hören". This is jointly issued by the German DX organizations ADDX and AGDX and is available for €40.00, £34.00, US\$52.00 or 40 IRC's per year (including SAL [surface air lifted] to countries outside Europe) or, if ordered together with "DX MAGAZINE", for €51.00, £43.35, US\$66.30 or 51 IRC's per year ("DX MAGAZINE" air mail / "Radio-Kurier - weltweit hören" SAL: €54.60, £46.40, US\$71.00 or 55 IRC's).

Both publications, "DX MAGAZINE" as well as "Radio Kurier - weltweit hören", are also available as PDF files. If you decide to receive this version, a worldwide subscription rate of €9.00, £7.65, US\$11.70 or 9 IRC's is applicable for "DX MAGAZINE". "Radio Kurier - weltweit hören" is available for €20.00, £17.00, US\$26.00 or 20 IRC's, both publications together for €26.00, £22.10, US\$33.80 or 26 IRC's.

WORLDWIDE DX CLUB has currently the following special publications available:

1. "REPORTING GUIDE", published by the EUROPEAN DX COUNCIL (€1.00 or 1 IRC; please enclose 1 additional IRC for air mail).
2. "EDXC RADIO COUNTRIES LIST 2007", published by the EUROPEAN DX COUNCIL (€1.00 or 1 IRC; please enclose 1 additional IRC for air mail).
3. "WORLD RADIO TV HANDBOOK 2012", published by WRTH Publications Limited in December 2011 (Special summer price: **€ 25.00** - including postage and packing inside Europe).
4. "DAS OHR ZUR WELT" (Eine Einführung in den Rundfunk-Fernempfang, herausgegeben von der ARBEITSGEMEINSCHAFT DX e. V.) (€1.00 or 1 IRC; please enclose 1 additional IRC for air mail).

These prices include postage and packing. Delivery against advance payment by International Money Order, cheque in € drawn on a German bank (otherwise please add €5.00 for bank charges), cheque in US\$ drawn on a US bank, cash in any convertible currency, Postal Money Order or transfer to our bank accounts: Raiffeisenbank Graevenwiesbach No. 100019984 (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) or ING/Netherlands No. 3822840 (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A). *IRC's can only be accepted from countries, in which payments can not be made by any other means (1 IRC = € 1.00) - not for orders of WRTH.*

Die obigen Preise enthalten Porto und Verpackung. Lieferung gegen Vorauszahlung durch Überweisung, Scheck in € (gezogen auf eine deutsche Bank, sonst €5,00 zusätzlich für Bankgebühren), Postanweisung oder Bargeld. Konten: Raiffeisenbank Grävenwiesbach Nr. 100019984 [Bankleitzahl 500 693 45] und ING/Niederlande Nr. 3822840. *IRC's werden nur aus solchen Ländern akzeptiert, in denen eine Zahlung auf einem anderen Weg nicht möglich ist - nicht für WRTH-Bestellungen.*

For further information on WORLDWIDE DX CLUB please write to: WORLDWIDE DX CLUB, Postfach 1214, D-61282 Bad Homburg, GERMANY (e-mail: <info@wwdxc.de>), or visit us in the Internet at <<http://www.wwdxc.de>>.

High solar activity 2012 → excellent HF conditions! Worldwide Broadcast and Utility Radio Stations

WAVECOM W-CODE - HAT YAI AERO THAILAND 8825 KHZ www.klingenfuss-org

File HF-Modes VHF/UHF-DIR VHF/UHF-SUB Satellite FAX & Modems Options Demodulator Favorites Configuration View Window Help

HF-ACARS Data Rate: 300.00 bps Slot Length: 1.80 s INV Sync |Msg: All Data 07:12:42

Mode Analysis

HAT YAI AERO THAILAND 8825 KHZ www.klingenfuss-org:1

28 Mar 2011, 19:50:24	ACARS Mode: 2 Aircraft Registration: 80001A
28 Mar 2011, 19:50:24	NACK Label: C1 -- Uplink To Cockpit Printer
28 Mar 2011, 19:50:24	Block ID: X
28 Mar 2011, 19:50:24	BEGIN OF MESSAGE:
28 Mar 2011, 19:50:24	COMFORTABLE WITH FLYING TO ENGM WITH THIS SCHEDULE YOU CAN DO THAT. HOWEVER YOU
28 Mar 2011, 19:50:24	CAN ALSO DECIDE TO STOP AT LHPA FOR A CREW REST AND CONTINUE TOMORROW.
28 Mar 2011, 19:50:24	I AM RESPECTFULLY ASKING FOR YOUR DECISION.
28 Mar 2011, 19:50:24	C2 OPS - GABOR
28 Mar 2011, 19:50:24	END OF MESSAGE

HAT YAI AERO THAILAND 8825 KHZ www.klingenfuss-org:2

28 Mar 2011, 22:14:24	AN 80001A
28 Mar 2011, 22:14:24	- SIR,
28 Mar 2011, 22:14:24	THE TURKISH DIPS ARE APPARENTLY NOT THE ONLY PROBLEM. WEATHER IS GETTING WORSE D
28 Mar 2011, 22:14:24	OWN IN LHPA. I WILL LOOK FOR GOOD ALTERNATES, AND I WILL NEED YOUR ADVISE ON THI
28 Mar 2011, 22:14:24	S.

Demodulator: IQ Shift: 2000 Hz Center: 1440 Hz Offset: 0 Hz Input: IQ (LEFT&RIGHT)

Message Type

Header Only
Data without Detail
All Data

OK
Cancel

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