

12 - 2008

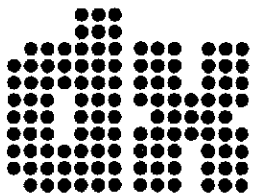
BBC ORTF  
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NDR RAI TVR



ISSN 0175-6877



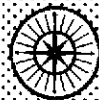
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WORLD WIDE DX CLUB



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Each of the editors mentioned above is self-responsible for the contents of his composed column. Furthermore, we cannot be responsible for the contents of advertisements published in DX MAGAZINE.

We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

- WORLDWIDE DX CLUB homepage in the Internet at: <<http://www.wwdxc.de>>
- Weekly "TopNews" by Wolfgang Büschel at: <<http://topnews.wwdxc.de>> (available free of charge by E-Mail to our members on request)
- Latest DRM schedule at: <<http://www.wwdxc.de/drm.htm>>

## WORLD RADIO TV HANDBOOK 2009

Prices for orders from WORLDWIDE DX CLUB ■ Preise bei Bestellung beim WORLDWIDE DX CLUB:

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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 Postbank Leeuwarden/Netherlands No. 3822840 (IBAN: NL57 PSTB 0003 8228 40 - BIC/SWIFT-Code: PSTBNL21).

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## INTERNATIONALE ANTWORTSCHEINE (alte, kleine Version)

Bei uns erhältlich für € 1,00 pro Stück (inkl. Porto). Mindestbestellung: 10 Stück. Laut UPU (s. DX MAGAZINE 6/02, S. 31) sind diese weiterhin unbeschränkt gültig.

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DX MAGAZINE No. 12

Vol. XLIII

December 2008

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2008. Let me take this opportunity to thank you very much for all your support during this year.

By the way: If you have ordered your copy of **WRTH 2009** from us: All orders for WRTH 2009 received until December 11th have been mailed on December 12th and should have arrived already or will still arrive until Christmas.



Our four new products for 2009:

- 2009/2010 Guide to Utility Radio Stations
- 2009 Super Frequency List on CD
- 2009 Shortwave Frequency Guide
- 1997-2009 Digital Data Decoder Screenshots on CD

have been published on 2 December. We've worked around the clock and hundreds of advance orders have been mailed by Thursday 4 December, i.e. well in time for the Christmas holiday and monitoring season.

Please find full information about these products on the last page of this DX MAGAZINE and on our website <<http://www.klingenfuss.org>>. The new 2009 catalogue plus full A4 size sample pages of all printed publications, et al, can be downloaded from our website. Simply click the PDF symbol.

**(Klingenfuss Publications - Jörg Klingenfuss)**



Die **Arbeitsgemeinschaft DX e.V. (AGDX)** feiert in diesem Jahr ihr 35. Bestehen. Aus diesem Anlaß wird für Empfangsberichte zu den nächsten DX-Programmen über HCJB eine Sonder-QSL-Karte verschickt, insbesondere für das DX-Programm am 27. Dezember 2008.

Ebenfalls aus Anlaß des 35-jährigen Bestehens der AGDX e.V. hat OM Thomas Schubaur, Leiter der ADXB-DL, ein Sonder-DOK unter dem Rufzeichen DL0WWH in der Zeit vom 01.12.2008 - 31.01.2009 eingerichtet. Hauptbetriebsbänder werden 80m und 40m sein. Wobei auch 160m und je nach Bedingungen auch die höheren Bänder nicht zu kurz kommen sollen. Ankündigungen, wann mit einer Aktivität zu rechnen ist, werden wenige Tage vorher via A-DX Mailingliste bekannt gegeben. Wobei jetzt schon gesagt werden kann, daß 80m Betrieb in den späten Nachmittags- und Abendstunden erfolgen wird und auf 40m tagsüber in den QRL freien Zeiten. SWL Berichte werden alle mit QSL-Karte bestätigt, die aber erst nach dem Aktivitätszeitraum gedruckt wird. SWL-Berichte, wie auch QSOs, bitte an die Adresse von Thomas Schubaur schicken (Neufnachstr. 30, D-86850 Fischach), oder - falls möglich - über das DARC QSL Büro via seinem Rufzeichen DL1TS.

Finally, let me wish you a Merry Christmas and a very Happy New Year

# NEWS ABOUT BROADCASTING (+other) STATIONS

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

**ALBANIA** - The schedule of CRI via Albania is the following (the best fq to hear is the first mentioned):

0000-0200 6020, 9570 English  
 0200-0400 6020, 9570 Chinese  
 0500-0600 7220 English (RRI booming in with Romanian, so only traces of CRI)  
 0500-0700 5985, 7210 (ex 7120, past 0730 RRI stronger), 9590 Arabic  
 0600-0700 11750 English (weak)  
 0700-0900 11785 English  
 0700-0900 11855 Chinese  
 0900-1000 9460, 7285 (ex 7130) Romanian  
 1100-1200 7220 (ex 7130) Bulgarian  
 1100-1300 13665 English  
 1200-1300 7345 (ex 7130) Serbian  
 1400-1600 11920, 13670 French  
 1500-1600 7230 (ex 7120), 9565 Turkish  
 1600-1800 5970, 7155 German  
 1600-1800 9555, 11735 Arabic  
 1800-2000 7180, 5970, 6055 (also R Slovakia), 7385 (new fq, bad choice, Tibet stronger, CRI very weak) French  
 2000-2200 7285, 5960 (QRM) English  
 2000-2200 7215, 6185 Arabic  
 2200-2300 6175 Portuguese  
 2200-2400 7210 Spanish

No bc from 0400-0500, 1000-1100, 1300-1400 UTC. Almost all frequencies with strong signal.

Radio Tirana with half of the power:

0000-0130 6110, 9345 (not 7425) Albanian  
 0245-0300 7390 English  
 0330-0400 6110 English  
 0430-0500 6100 English  
 0730-1000 7360 Albanian  
 1530-1600 13720 English (not audible every day due to high fq)  
 1800-1830 7465 Italian  
 1830-1900 7465 French  
 1900-1915 6010 Serbian  
 1945-2000 7465, 11645 English  
 2001-2030 7465, 6155 Italian  
 2031-2100 7465 German very weak at the beginning  
 2100-2130 7510, 9345 English  
 2130-2300 6005, 9345 Albanian

So at the moment 4 transmitters from "Cerrik" for CRI, 2 at "Shijak" for Radio Tirana.

(Udo Krüger, Dec. 10)

**ALGERIA (non)** - Winter B-08 of RTAlgeria via Issoudun in France, not the Holy Qur'an radio:

0400-0457 on 5865 ISS 500 kW / 162 deg to CEAF till Feb.28,2009  
 0400-0457 on 7295 ISS 500 kW / 162 deg to CEAF from Mar.01,2009  
 0500-0557 on 5865 ISS 500 kW / 194 deg to NWAf till Feb.28,2009  
 0500-0557 on 7295 ISS 500 kW / 162 deg to CEAF from Mar.01,2009  
 0600-0657 on 5865 ISS 500 kW / 194 deg to NWAf till Feb.28,2009  
 0600-0657 on 7295 ISS 500 kW / 194 deg to NWAf from Mar.01,2009/alt.7115  
 1800-1857 on 9390 ISS 500 kW / 162 deg to CEAF  
 1900-1957 on 9390 ISS 500 kW / 162 deg to CEAF  
 1900-1957 on 7455 ISS 500 kW / 194 deg to NWAf till Feb.28,2009  
 1900-1957 on 9825 ISS 500 kW / 194 deg to NWAf from Mar.01,2009  
 2000-2057 on 7455 ISS 500 kW / 162 deg to CEAF till Feb.28,2009  
 2000-2057 on 9390 ISS 500 kW / 162 deg to CEAF from Mar.01,2009  
 2000-2057 on 7455 ISS 500 kW / 194 deg to NWAf till Feb.28,2009  
 2000-2057 on 9825 ISS 500 kW / 194 deg to NWAf from Mar.01,2009  
 2100-2157 on 7455 ISS 500 kW / 162 deg to CEAF  
 2100-2157 on 5865 ISS 500 kW / 194 deg to NWAf till Feb.28,2009  
 2100-2157 on 7295 ISS 500 kW / 194 deg to NWAf from Mar.01,2009  
 2200-2257 on 5865 ISS 500 kW / 194 deg to NWAf till Feb.28,2009

2200-2257 on 7295 ISS 500 kW / 194 deg to NWAf from Mar.01,2009  
(DX MIX News, Nov 24)

**ANTARCTICA** - 15476, LRA36, RN [Arcángel] San Gabriel, 2046, 12/1/08 [Monday]. At 2046 tune-in pop ballad occasionally poking through noise. Flute music heard at 2053. YL made Spanish announcements at 2054 to 2056. More flute music, followed by another ballad. Signal best in USB. Sign-off announcements by YL started 2059:45 to 2100:35 audio out. Transmitter off at 2101. Signal reached fair on peaks by 2100. Always an exciting reception here.  
(Jerry Strawman, Des Moines, IA, Dec 7, AOR AR7030 Plus, Wellbrook ALA-100 Loop, Cumbre DX via DXLD)

**ARMENIA / GERMANY / MADAGASCAR / PALAU** - [to BURMA] New B-08 for Democratic Voice of Burma in Burmese:

1300-1400 11880 Palau 100 kW 270 deg via FCC / VTC  
1430-1530 9415 ERV 300 kW 100 deg via TRW, really registered 11795.  
\\ 17495 MDG 250 kW 055 deg via RNW  
2330-0030 5955 W 125 kW 075 deg via DTK-MB  
(DX MIX News, Nov 18)

**ARMENIA / MOLDOVA** - Frequency changes of WYFR Family Radio via TRW:

1400-1600 NF 6150 ERV 300 kW / 110 deg to SoAs,x7175 Urdu from Dec. 1  
1400-1600 NF 7565 KCH-GRI 300 kW / 116 deg to SEAs,x7505 Bengali from Dec. 4  
(DX MIX News, Dec 8)

**AUSTRALIA** - B-08 for CVC International via Darwin:

Chinese to China

2200-0200 15170 Dw 250 kW 340 deg  
0400-0600 15250 Dw 250 kW 340 deg  
0600-1200 17635 Dw 250 kW 340 deg  
1200-1800 13685 Dw 250 kW 340 deg

English to India

0930-1130 15555\*Dw 250 kW 303 deg  
1130-1830 13635 Dw 250 kW 303 deg

\*co-ch till 1100 RDP Inter / Radio Portugal to Brasil / Cabo Verde / Guinea Bissau

Indonesian to Indonesia

2300-0200 15250 Dw 250 kW 290 deg  
0400-1100 17820 Dw 250 kW 290 deg  
1100-1400 15365 Dw 250 kW 290 deg  
1400-1700 11925 Dw 250 kW 290 deg

(R BULGARIA DX MIX News, Nov 18)

2310 VL8A, Alice Springs NT, 1909-1950, 29 Nov, talks, phone-ins (the usual menu, at least at the time this & the other two 120 m band VL outlets are audible), newscast at 1930, more talks; 15231, but much better on the following day, 30 Nov, at 1950.

2325 VL8T, Tennant Creek NT, 1910-1940, 29 Nov, prgr content cf. \ 2310 VL8A; 15231, but better on 30 Nov at 1950.

2485 VL8K, Katherine RT, 1912-1942, 29 Nov, program cf. \ 2310 VL8A; 15231, but even worse than VL8T, and then much better on 30 Nov at 1950.

4835 VL8A, Alice Springs NT, 2135-2146, 29 Nov, newscast, talks afterwards; 24321.

6020 R. Australia, Shepparton VIC, 1130-1215, 01 Dec, English to the Pacific, reports, news, talks; 35433; vy. poor at 1200 under adj. DRM QRM.

(all Carlos Goncalves-POR, Dec 2)

**[clandestine to North Korea]** 9690 Nippon no Kaze via Darwin, Australia responded to an electronic report to <info@rachi.go.jp> with an electronic reply from

<hai@rachi.go.jp> in 3 days from the Policy Planning Division of the

Headquarters for the Abduction Issue, a Cabinet Secretariat position within the Government of Japan.

The e-mail reply noted "Thank you for sending a reception report of "Nippon no Kaze (il bon ue baram)". We are very glad to receive your report from U.S.A! Unfortunately, we do not issue any verification (SWL/QSL) cards and letters, but according to the description you gave us, we can confirm it was our Korean program."

They mentioned that the organization is also broadcasting the Japanese program "Furusato no Kaze" in order to send messages and information to the Japanese abductees in North Korea and "The Government of Japan is making its utmost effort to resolve the abduction issue and we appreciate your kind attention."

They gave the schedule for their programs as:

Furusato no Kaze (Japanese), 1333-1357 UT 9965 kHz, 1430-1500 UT 9880 kHz, 1600-1630 UT 9780 kHz and Nippon no Kaze (Korean), 1500-1530 UT 9690 kHz, 1530-1600 UT 9965 kHz, 1700-1730 UT 9820 kHz.

(Rich D'Angelo-PA-USA, DXplorer Dec 7)

**AUSTRIA** - 1476 / 585 Harald Suess of the ADXB-OE listeners club has been told by ORS (the Austrian transmitter operator, outsourced by ORF a few years ago) that ORF's Radio 1476 on mediumwave will be closed down at yearend.

## 6

Radio Afrika International already confirmed that hereby their terrestrial radio service will end. A remarkable case are ORF's broadcasts

in Czech, Slovak, Slovenian, Croatian, Hungarian and Romanes, here the options are to either continue online or phase them out altogether.

ORS plans to remove the former 585 kHz mast at the Bisamberg mediumwave site in next year because it would have to be reconstructed and is no longer needed. This does not affect the availability of 1476 kHz, ORS emphasizes that it could still be used by another broadcaster.

Concerning ORF's shortwave service ORS told that it is planned to keep five hours a days in the long term. Here it remains unclear if this information is still valid after the recent escalation. Something else could just be heard from somebody at ORF, but these remarks were off the record and the person did not bother to enquire for such an irrelevant detail. Anyway the airtime at Moosbrunn no longer used by ORF will be offered to other customers, ORS does not intend to close the site.

(Kai Ludwig-D, dxld Dec 6)

**BAHRAIN** - 9745-usb, R. Bahrain at 1852 UT. Middle Eastern vocal, brief announcement in Arabic by woman, then enthusiastic man and woman swapping mic in what sounded like ads. Into another vocal at 1855 UTC with local instruments featuring heavy drums. Seemed pips at 1900 UTC followed by talk, but too fady and noisy to read. This one seems to operate on an extremely irregular sked, to say the least (Bob Hill, MA, DXplorer Nov 25 via DXLD)

**BANGLADESH** - 4750 Bangladesh Betar, Khabirpur, 1658-1712\*, 29 Nov, Bengali, music, TS, ID, newscast, freq. announcement at 1711, s/off in mid song; 35433. (Carlos Goncalves-POR, Dec 2)

Later on it may mix with the Uganda R Dunamis. (we)

**BHUTAN** - 5030, Bhutan Broadcasting Service verified an old report from 1993 with a full data attachment in one day for a follow up to last week's reply with the wrong data v/s Dorji Wangchuk, Head of the Transmission Division <dwangk@gmail.com> who seems like an affable sort of person to work with on these matters. Again, thanks to Anker Petersen for opening this one up and Jerry Berg for the idea about following up the follow up reply to get the correct details. (Rich D'Angelo-PA-USA, Nov 30)

Several e-mail verifications noted for 6035 in A-DX. Best chance to listen to is past 0100 and past 1400 in Europe. (we)

**BOLIVIA** - 6155.3 R. Fides, La Paz, 2314-... UT, 28 Nov, Castilian, newscast; 23431, adjt. QRM. (Carlos Goncalves-POR, Dec 2)

Logged in southeast Florida 2300 to 2345 on 3 December 2008:

3309.98, R Mosoj Chaski, Cochabamba

3390.11, Emisoras Camargo Camargo

4409.86, Radio Eco, Reyes

4451.143, Radio Santa Ana, S. Ana de Yacuma

4781.35, Radio Tacana, Tumupasa Iturralde

5580.2, Radio San José. San José de Chiquitos

5952.43, Radio Pío XII Siglo XX

(Bob Wilkner, Pompano Beach, Florida, DXLD)

**BRAZIL** - 4815 R. Difusora, Londrina PR, 2332-2344, 30 Nov, relig. propag. prgr; 24332, adjt. uty. QRM.

4915 R. Difusora, Macapa AP, 2349-2358, 29 Nov, f/ball match rpt Cristal vs Sport Club Macapa; 45423, so the other co-channel Braz. station was either silent or completely inaudible.

4965 R. Alvorada, Parintins AM, 2339-2345, 30 Nov, talks; 13331, QRM de ZMB + adjt. uty. stn - the one that pests CVC signal here.

4974.8 R. Mundial, Osasco SP, 2342-2353, 30 Nov, relig. propag. prgr "A Voz da Libertacao", a feature from IPDA; 25331.

9630 R. Aparecida, Aparecida SP, 1131-1158, 01 Dec, mass; 23431, adj. QRM, then blocked by UNID in Mandarin (pres) at 1200.

9675 R. Cancao Nova, Cachoeira Paulista SP, 1127-1224, 01 Dec, mass, listeners' club at noon; 24431, QRM de UNID in Mandarin (pres) until 1200.

9695 R. Rio Mar, Manaus AM, 1122-1200 (when blocked by UNID), 01 Dec, mass; 35443.

11735 R. Transmundial, Sta Ma RS, 1305-..., 01 Dec, relig. songs; 35433.

11780 R. Nacional da Amazonia, Parque do Rodeador DF, 1905-2004, 29 Nov, songs, interviews, some news, major news bulletin at 2000; 35444.

11829.9 R. CBN Anhangueera, Goiania GO, 1302-1325, 01 Dec, newscast, songs; 23431, co-ch. QRM.

On 01 Dec, 1300 UT, 25 m band stns were audible on: 11735 - 11804.7 - 11815 - 11829.9.  
(all Carlos Goncalves-POR, Dec 2)

## **BULGARIA / AUSTRIA -**

**BULGARIAN NEWSPAPER SAYS SALE OF TRANSMITTERS TO ORF IS 'SCANDALOUS'**

Rather an example of grasshopper attack on the identity crisis in worldwide finance bussiness these days. (wb)

BTC / AIG / ORS deal.

<[http://en.wikipedia.org/wiki/Bulgarian\\_Telecommunications\\_Company](http://en.wikipedia.org/wiki/Bulgarian_Telecommunications_Company)>

AIG <[http://en.wikipedia.org/wiki/American\\_International\\_Group](http://en.wikipedia.org/wiki/American_International_Group)>

BTC: <[http://www.btc.bg/en/business/about\\_us/company\\_information/](http://www.btc.bg/en/business/about_us/company_information/)>

Bulgarian Telecom sold the Bulgarian Broadcast transmitter net [signal distribution] to Austrian ORS organization (former ORF transmitter unit. ORS - Oesterreichische Rundfunksender GmbH, the signal distribution business of the Austrian broadcasting corporation).

Apart from distributing the TV and radio signals for state and private stations in Austria [and now Bulgaria too], ORS also operates its own satellite uplink facilities and applied to operate the first multiplex for digital terrestrial television in Austria.

**CANADA -** The 1 kW SW station located near Toronto in Ontario has recently been renovated and re-activated. With a new transmitter and a new antenna system, this station CFRX can be heard again on its familiar channel 6070 kHz, with a relay from the parent mediumwave station, CFRB on 1010 kHz.

However, monitoring observations at our location in Indianapolis, 550 miles southwest of Toronto, indicate that the new antenna system is apparently oriented more for Canadian coverage rather than omni-directional coverage as it was in years gone by. The signal in Indiana is quite poor and unreliable, though it can be heard occasionally with a readable signal. (Adrian Peterson-IN-USA, AWR Wavescan via dxld Dec 2)

6160 CKZN, St. John's NF, 2357-0004, 30 Nov, English, prgr announcements, music, newscast at mid night UT; 35332, adj. QRM de stn s/on at 2359 on 6165. (Carlos Goncalves-POR, Dec 2)

CHU will move the transmission frequency for the 7335 kHz transmitter to 7850 kHz. The change goes into effect January 1, 2009. Below is the text that will appear on our web site. (Raymond Pelletier)

Frequency and Time Institute for National Measurement Standards

National Research Council Canada, M-36, room 1026

1200 Montreal Road, Ottawa, Canada K1A 0R6

Tel: (613) 993-3430 Fax: (613) 952-1394

<[raymond.pelletier@nrc-cnrc.gc.ca](mailto:raymond.pelletier@nrc-cnrc.gc.ca)>

Government of Canada

## **CHANGE YOUR SHORTWAVE RADIO DIAL.**

After seventy years of broadcasting Canada's official time, NRC's shortwave station CHU will move the transmission frequency for the 7335 kHz transmitter to 7850 kHz. The change will occur on 01 January 2009 at 0000 UTC.

CHU is a part of NRC's system for disseminating official time throughout Canada, broadcasting 24 hours a day from a location approximately 20 km south-west of Ottawa. Listeners hear tones to mark the seconds, voice to announce the time in French and English, and digital data to set computers.

The atomic clocks at CHU are part of the ensemble of clocks in the time and frequency research laboratories in Ottawa, at the National Research Council Canada. The NRC clocks are used in conjunction with clocks in the time laboratories of other countries to construct the internationally accepted scale of time, UTC (Coordinated Universal Time), which is now the reference for official time used by all countries.

"Coincidentally, this frequency change comes at a time when NRC is investing resources to refurbish the aging transmitters at CHU in order to provide clear, dependable shortwave services as part of NRC's mandate to disseminate time to all Canadians." said Ray Pelletier, Technical Officer at the NRC-Institute for National Measurement Standards, who oversees the CHU facility "The shortwave time service is especially beneficial for those in remote locations where there is limited access to internet and

telephone communication. CHU also provides a back up against failure of other services."

In April 2007, the International Telecommunications Union re-allocated the 7300-7350 KHz band from a fixed service to a broadcasting service. Since then, interference on the 7335 KHz frequency has come from many information broadcasters around the world.

CHU listeners in Canada and around the world who have for so long considered the 7335 kHz frequency exclusively for time signals, are very vocal about this interference. We have heard from amateur radio operators, watchmakers, astronomers, and navigators who use the tones and voice signals. As well, comments were received from those who use the carrier as a calibration source at a distance for their equipment.

To give notice to users, CHU will broadcast an announcement in both English and French. More information can be found at: <[http://www.nrc-cnrc.gc.ca/main\\_e.html](http://www.nrc-cnrc.gc.ca/main_e.html)> and <[http://www.nrc-cnrc.gc.ca/main\\_f.html](http://www.nrc-cnrc.gc.ca/main_f.html)>

Comments about the CHU change can be sent by e-mail to <[radio.chu@nrc-cnrc.gc.ca](mailto:radio.chu@nrc-cnrc.gc.ca)>

(Raymond Pelletier-OT-CAN, CHU, dxld)

As of Dec 9, nothing at above site about 7850. This NRC website also mentions a leap second to be added at the end of 2008y: <[http://time5.nrc.ca/timefreq/bulletin\\_tf-b.html](http://time5.nrc.ca/timefreq/bulletin_tf-b.html)> (gh, dxld)

Monitored around 1430 UT Dec 9 on 7335, no announcements being heard yet about the frequency change or the leap second.

And here's another website with the history of CHU, etc.:

<[http://inms-ienm.nrc-cnrc.gc.ca/time\\_services/shortwave\\_broadcasts\\_e.html](http://inms-ienm.nrc-cnrc.gc.ca/time_services/shortwave_broadcasts_e.html)>  
(gh, dxld Dec 9)

### **CANADA / VATICAN CITY** - RCI En to Africa and Near East 1800-1900 UTC.

Here is the latest on RCI's 1800-1900 UT En language broadcast at 11805 kHz as of Dec 5. This unlisted transmission continued today (Dec 5, 2008) with an interesting twist.

From 1800-1811, 11805, 13650, 15365, and 17790 kHz RCI simultaneously transmitted (without a sign-on announcement or other introduction) three popular songs by Shania Twain, Sarah McLachlan, and Alanis Morissette. Then abruptly at 1811 dead air, followed at 1812 until 1859 with conventional RCI programming. Incidentally, 11875 kHz (via SMG) was transmitting conventional RCI programming from 1800-1812 UT. When I monitored 11875 kHz from 1826 to 1859 UT, I picked up no signal. Perhaps RCI is planning to replace 11875 kHz with 11805 kHz. Stay tuned!  
(Bill Hodges-GA-USA, dxld Dec 5)

Checked RCI at 1845-1857 UT in southern Germany:

Nothing on 11875SMG-Vatican due of dead zone nearby; and Sackville 15365 + 17790 kHz too. 11805 kHz RCI English S=6-7 also ID; at 1855 UT VTC Meyerton CELLO pause signal ahead of RCI. 13650 kHz RCI English S=6.  
(wb, Dec 6)

Radio Canada International broadcast from 1800-1900 UTC at 11805 kHz. This observation indicates that 11805 is a fourth Sackville transmitter, on air besides 13650, 15365, and 17790 kHz.

Interesting that Sackville lost the program feed but 11875 (i.e. Radio Vatican) did not. Can Sackville play out this music fill locally although they are otherwise not supposed to do anything else than putting a certain feed circuit from Montreal on air, no matter what audio comes in? Perhaps this even happens automatically by way of silence detection? If so it must have been a problem with the STL. If not it must have been some switching error at Montreal. (Kai Ludwig-D, dxld Dec 6)

**CHAD** - 6165 RD. Nationale. Tchadienne, Gredia, 0955-1244, 01 Dec, French, tribal songs, then light music & songs, chatter; 25442. It is only some time after the end of this observation time that TCD gets QRM. It is silent on 4905. (Carlos Goncalves-POR, Dec 2)

Meanwhile the station has been observed on 4905 in the evenings for several times. It suffers little QRM by a Chinese station. (we)

### **CHILE** - B-08 for Voz Christiana via Santiago:

Portuguese to Brasil

0900-1100 9655 SG0 100 kW 060 deg  
1100-0100 15410 SG0 100 kW 060 deg  
1800-2000 17860 SG0 015 kW 045 deg DRM

Spanish to Central America

0100-0400 11970 SG0 100 kW 340 deg

Spanish to Northern South America

0000-0800 11805 SG0 100 kW non-dir  
0800-1200 9780 SG0 100 kW non-dir  
1200-2400 17680 SG0 100 kW non-dir

Spanish to Southern South America

0000-1200 6070 SG0 100 kW 030 deg  
1200-2400 9635 SG0 100 kW 030 deg  
(DX MIX News, Nov 18)

**CHINA** - 3990 Gannan PBS (?), Tianshui, 2305-2317, 30 Nov, Tibetan (?) (as listed anyway), talks; 14231, adjt. QRM de HRV 3985.

4830 China Huayi BC Co. (?), Fuzhou, 2234-2245, 28 Nov, Mandarin (pres), talks; 34432, QRM de MNG ( \ 4895).  
(Carlos Goncalves-POR, Dec 2)

4330 Xinjiang PBS, Urumqi, 1602-1620, 07 Dec, Kazakh, talks, songs; 45433; \ 6015 good.



(Carlos Goncalves-POR, Dec 8)

**COLOMBIA** - 6035 La Voz del Guaviare, S. Jose del Guaviare, 2307-2315, 28 Nov, Castilian, local rhythms; 34422, adjt. QRM. (Carlos Goncalves-POR, Dec 2)

**CONGO D.R.** - Radio Kahuzi heard in French on 6210 from 1905 tune in November 14, political talk with several mentions of President Bush and Barack Obama and fewer references to Congo and Kinshasa. After a time check there was a discussion, clear identification at 1935, SINPO 22332 with splash from 6205 (Arthur Miller, Wales, Dec World DX Club Contact via DXLD)

5066.3, COD, RT Candip, 28.11, 1638, French/Vernacular, ID, Afro pop, closing down, 1638 s/off; O=3 (Michael Schnitzer, DX Camp, 45 km northeast of Nuremberg, Germany, Antennas: seven Beverages, 200-500m length; Receivers: 2 ICOM R-75, ICOM R-70, NRD-525, NRD-535, SDR, Perseus, HCDX via DXLD)

**CROATIA** - Voice of Croatia active from Deanovac around the clock with 1 minute breaks when changing fqs. So almost 24 hours good reception apart from the afternoon when everyday occurs a more or less long gap, when Croatia is not to hear, but TRT in Turkish and CRI are on 6165. All this around 16/17 UTC. In the evening Croatia mostly stronger on 6165 but TRT still audible. So the real schedule is: 2129-0557 3985, 0559-0857 6165, 0859-1357 9830, 1359-2127 6165. (Udo Krüger)

**CUBA** - RHC Havana on not listed, new (?) QRG 15360 kHz ( \ 15120 and 15370 kHz). 13-14 UTC, in Germany. (Andreas Tschauder-D, A-DX Dec 8)  
From 1100 UT best channel is 12000 kHz, every day here in Germany. (wb)

**CZECH REPUBLIC** - As always almost stable fq chart for the winter season as already published.

Only 4 changes since last winter from Litomysl:

0430-0500 9855 English (both ex 9890)

0500-0530 9855 Russian (these two every season only traces due beaming eastwards)

1000-1100 15710 English and Czech (as last year registered 15700 but again used 15710)

1900-2000 6135 Spanish and French (ex 5930, how to understand this choice?, 6135 is occupied)

One antenna (transmitter?) seems to be not full in use. Many programmes very weak, even when "good" frequencies are used. (Udo Krüger, Dec. 10)

In many ways, Radio Prague can be called your "Christmas Station" of the international bands. Of all the stations on the world band, our friends in the Czech Republic bring you stories of Christmas in Prague, contests and spirited renditions of carols sung by the staff. I could probably do without the traditional Czech Christmas dinner of fried carp and potatoes, but that's just my bias. Radio Prague seems to embrace the season like no other station. If anyone could entice me to eat carp, it's the people at Radio Prague <<http://www.radio.cz/en/article/86580>>

Through Radio Prague you can send your friends and relatives a Christmas greeting via the internet. Choose a picture to accompany your greeting. <[http://www.radio.cz/en/html/christmas\\_greeting.html](http://www.radio.cz/en/html/christmas_greeting.html)>

(Fred Waterer, Programming Matters, Dec ODXA Listening In via DXLD)

... and if you want to visit Christmas markets: <<http://www.globalchristmas.com>> (originating from Nuremberg ...) tells you more. (we)

**ECUADOR** - 3220 La Voz de los Andes, at 1046-1103 UT on Dec 6, woman announcer preaching in Quichua language followed by choral singing and more talks. Time pips and ID at 1100 followed by more religious discussion. Fair. (Rich D'Angelo-PA-USA, DXplorer Dec 7)

**EGYPT** - Winter B-08 of Radio Cairo

0700-1100	on	15710	ABZ	100	kW	/	250	deg	Arabic^	WeAf
1015-1215	on	15170	ABZ	250	kW	/	090	deg	Arabic	ME/AFG
1215-1330	on	17835	ABZ	250	kW	/	090	deg	English	SoAs
1230-1400	on	15710	ABS	250	kW	/	106	deg	Indonesian	SoEaAs
1300-1600	on	15080	ABS	250	kW	/	241	deg	Arabic	WeAf
1330-1530	on	11510	ABZ	100	kW	/	070	deg	Farsi	TJK
1430-1600	on	12170	ABZ	250	kW	/	070	deg	Pashto	AFG
1500-1600	on	6255	ABZ	250	kW	/	330	deg	Albanian	ALB
1500-1600	on	9250	ABZ	250	kW	/	050	deg	Uzbek	UZB
1530-1730	on	17810	ABZ	100	kW	/	170	deg	Swahili	CeEaAf
1600-1700	on	15285	ABZ	100	kW	/	160	deg	Afar	EaCeAf
1600-1800	on	6270	ABZ	250	kW	/	090	deg	Urdu	SoAs
1600-1800	on	12170	ABZ	150	kW	/	195	deg	English	CeSoAf
1700-1900	on	6860	ABS	250	kW	/	005	deg	Turkish	TUR
1700-2300	on	9250	ABZ	250	kW	/	180	deg	Arabic#	EaAf
1700-1730	on	15285	ABZ	100	kW	/	160	deg	Somali	EaCeAf
1730-1900	on	15285	ABZ	100	kW	/	160	deg	Amharic	EaCeAf

1800-1900	on	6255	ABZ	250	kW	/	330	deg	Italian	WeEu
1800-2100	on	9990	ABS	250	kW	/	241	deg	Hausa	WeAf
1900-2000	on	6255	ABZ	250	kW	/	330	deg	German	WeEu
1900-2000	on	6860	ABS	250	kW	/	005	deg	Russian	WeRUS
1900-2030	on	9310	ABZ	100	kW	/	250	deg	English	WeAf
1900-2400	on	6290	ABZ	250	kW	/	315	deg	Arabic^	WeEu
1900-0030	on	11540	ABZ	100	kW	/	160	deg	Arabic*	CeEaAf
2000-2115	on	6255	ABZ	250	kW	/	330	deg	French	WeEu
2000-2200	on	6860	ABZ	250	kW	/	110	deg	Arabic	AUS
2030-2230	on	9280	ABS	250	kW	/	241	deg	French	WeAf
2115-2245	on	6255	ABZ	250	kW	/	330	deg	English	WeEu
2215-2330	on	9360	ABZ	250	kW	/	245	deg	Portuguese	SoAm
2300-0030	on	6850	ABZ	250	kW	/	330	deg	English	NoAmEa
2330-0045	on	9360	ABZ	250	kW	/	245	deg	Arabic	SoAm
2330-0045	on	9250	ABS	250	kW	/	241	deg	Arabic	SoAm
0000-0700	on	6290	ABS	250	kW	/	315	deg	Arabic^	NoAm
0030-0430	on	6850	ABZ	250	kW	/	330	deg	Arabic	NoAmEa
0045-0200	on	9915	ABS	250	kW	/	252	deg	Spanish	SoAm
0045-0200	on	7535	ABZ	250	kW	/	315	deg	Spanish	NoAm
0045-0200	on	9360	ABZ	250	kW	/	245	deg	Spanish	CeAm
0200-0330	on	7535	ABZ	250	kW	/	315	deg	English	NoAm

^ General Service

# Waadi e Nile Radio

\* Voice of Arabs

(DX MIX News, Nov 24)

**ETHIOPIA** -9704.2 R. Ethiopia, Geja Dera, 1126-1210, 01 Dec, Vernacular, talks, newscast in English at noon; 24432, adjt. QRM de NGR on 9705. (Carlos Goncalves-POR, Dec 2)

R. Fana, 6889.9: much weaker in the past evenings compared to // 6110, may be old 10 kW-transmitter. 7210 is empty at some hours, so maybe moved away from there.

9560v: 1800-1833, today Dec 3. + yesterday definitely Voice of Peace and Democracy of Eritrea. But maybe other program on other days, the "Dimtsi Ertran" type known from 8000 kHz which is silent.

(Thorsten Hallmann, Münster, Germany, <<http://www.africalist.de.ms>>, Dec 3, DXLD)

**FRANCE** - Frequency change of RFI in Hausa from Dec. 8:

0600-0630 NF 6135 France 500 kW / 170 deg, x6170 // 7220

(DX MIX News, Dec 8)

**GERMANY** - About 100 DW staff members have set up a "Pro Deutsche Welle" action group, as earlier reported.

The Journalist magazine published their position paper:

<[http://www.journalist.de/downloads/pdf/dokumentationen/Doku\\_Pro\\_Deutsche\\_Welle.pdf](http://www.journalist.de/downloads/pdf/dokumentationen/Doku_Pro_Deutsche_Welle.pdf)>

Condensed translation:

DW TV has just been relaunched in 2007, now the management announces a complete reorientation for 2009 that on the radio side has already started. The changes are drastic: Abandoning German as primary language in favour of English; radically changing the target audience, away from German-speaking people abroad to English-speaking audiences; concentrating on the internet at the expense of mass distribution platforms like shortwave (radio) or cable (TV).

More than 100 staff members from all departments came together in the "Pro Deutsche Welle" initiative because they are deeply worried about the future of DW as far-reaching German voice for freedom, democracy and human rights, ready to fight for DW, its service obligations, its quality and its audiences, hoping that they can count on council members and politicians as allies.

About the language: Law defines the primary language of DW as German, anything else would require to change the law. Our culture, the resulting points of view, values and actions can be fully imparted only with the German language as part of this culture. Everywhere else in Europe the foreign TV services stick with the cultivation of their own language, but DW management has apparently decided to consider our station as part of the English-speaking domain. While politicians are fighting to establish German in the institutions of the European Union the station that gives the picture of the Germans abroad sends out the signal that the own language has no priority.

BBC World and CNN are considered as competitors. These are stations with a budget and a network of correspondents completely out of reach for DW. Competing with them would be possible only by dramatically increasing the DW budget. It's quite easy: Who speaks English and wants to get informed about the world tends to rely on the BBC or CNN. And this will be the case in future, too.

Director Bettermann mentioned as a model for DW amongst others France 24. A bit surprising because France 24 for its part mentions DW TV as model. Another model he mentioned is Russia Today, a station that has not succeeded in becoming a primary source of information for English-speaking "information elites" and lacks journalistic distance to its own government.

Management says that empirical evidence is the foundation for the intended reorientation of DW. But so far no such data has been presented. Allegedly it says that there is hardly a need for German-language programming abroad. So far we have not seen even the weakest prove for this claim. Instead we got over the years an abundance of feedback from politicians, embassies and consulates, universities and institutes, companies, businessmen, artists, journalists, students and other people all over the world. They all say that it is good and important to have German-language programming.

About the target audience: So far it is officially defined as multipliers abroad, people outside free media markets and in regions of crisis (i.e. beyond the multipliers also a broad audience), people learning German, Germans abroad, either on travel or permanently. Apparently this definition is now considered obsolete: Changing the preference from German to English neglects German-learning people and Germans abroad. This way DW not only loses faithful viewers but also important messengers and its identity.

The management only wants to get more viewers. It is planned to achieve this by expanding English-language programming because on a global scale more people speak English. But that's a wrong strategy. DW TV already broadcasts 12 hours a day in English. It is highly doubtful if even more English can attract more English-speaking viewers, but in any case German-speaking audiences will get lost.

The globalized world requires something else: Focussing on a neglected group, the Germans acting worldwide. The number of travellers continues to rise. German architects work in Shanghai and Dubai, German companies invest in Russia, Brazil and India, German managers live for years abroad, German students are immatriculated worldwide. They all form a growing, intensively networked and interested target audience. During the last years DW failed to position itself in this group. It is startling how many people do not know that DW exists at all. DW should finally work harder on attracting these people instead of writing off millions interested as well as interesting viewers. Beyond that it should be hard to explain to the citizens of Germany that the station they pay for with their taxes explicitly does not want them as audience.

About the distribution: Reducing the German-language TV programming is part of a strategy that has already progressed far on the radio side. Here both the programming and the distribution on shortwave have been much reduced during the last years. In part of the world's DW radio is already no longer audible. Even in Europe the German program of China Radio International can be received much better than DW's one. It is planned to drastically cut back the coverage of current events in autumn. Beyond that it is planned to greatly reduce the shortwave distribution of the German program in next year. Most of the money saved this way will be used for the online offerings. However, it is well-known that all German websites can be accessed worldwide. But those without access to the internet have to rely on DW for information about Germany in German language, and these people will be let down.

The strategy to distribute audio and in the next step also video content online instead as radio and TV transmissions does not consider the circumstance that independent journalistic web platforms have hardly a chance worldwide. Established media like CNN, BBC or Der Spiegel share the market between themselves. Without recognizable TV and radio offerings DW will disappear in the cyberspace.

The concentration on the online offerings is also problematic in regard to the again increasing number of censored media markets. The head of Radio Vatican's German service has said that "they can switch off the internet but not radio waves". Many staff members from former East Block countries know that it was even with intense jamming not possible to block western stations completely.

About the orientation on the audiences: Typical for DW TV are newscasts at least every two hours. Now it is planned, apparently as a cost-saving measure, to abandon this concept and weaken the market position of DW TV. BBC World, Russia Today or France 24 are explicit news channels, but the planned English program of DW TV at times provides for news only every four hours. This way the clear and successful program structure, achieved by hard work, will be abandoned for clearly not journalistic motivations. So far it is simple and easy to remember: One hour German, the other hour English, news at the hour, documentary and magazines at the half hour, fixed slots for program windows in other languages. CNN or France 24 have different channels for different languages, but DW TV has only one channel at its disposal. Under this situation the hourly language change is the easiest method. Breaking up this established structure irritates the viewers and drives them away.

About the internal situation: The approach of the management has already dramatic consequences for the internal state of DW. The expensive relaunch from 2007 had been plagued by a considerable lack of internal communication from the start. It was possible to implement it timely and successful only due to the great engagement of the staff. Now all the mistakes will not only be repeated but even worsened. A just established structure will immediately be scrapped again. Facts are being made without involving the staff, something that is for such far-reaching steps definitely standard even in commercial media ventures. This lets it become a demotivation program for the whole station.  
(Kai Ludwig-D, dxld Dec 4)

B-08 for CVC International via Juelich:  
English to Central Africa  
1400-1800 15745 J 100 kW 145 deg  
1800-2100 11775 J 100 kW 145 deg

Ukrainian to Ukraine

# 12

1400-1700 13670\*J 100 kW 090 deg  
\* co-ch till 1600 China Radio International in French

Some changes of Media Broadcast:

Radio Ethiopians For Democracy in Amharic from Nov. 16:  
1700-1800 NF 6145\*N 125 kW 145 deg Sun/Wed/Fri to EaAf,x11835  
\*strong co-ch VoRussia in German and RTI in Chinese + music jammer

New updated schedule of Brother Stair/TOM:

1400-1600 6110 J 100 kW 290 deg to WEu  
1400-1500 13810 N 100 kW 120 deg to ME  
1500-1600 13810 N 125 kW 120 deg to ME, additional from Nov. 11  
1500-1600 17485 J 100 kW 160 deg to CAf  
1900-2000 3975 W 125 kW non-dir to WEu, deleted till Nov. 10  
2100-2200 6175 W 100 kW 300 deg to WEu

WYFR Family Radio in Tamil - new transmission from Nov. 15:

1500-1600 9585 N 500 kW 095 deg to SoAs  
(DX MIX News, Nov 18)

Some Media Broadcast changes:

WYFR Family Radio from Nov. 21/25:

1600-1800 NF 11955 /N 500 kW / 115 deg to EAF in Amharic/Swahili, x13660  
1700-1800 NF 9885%/W 250 kW / 060 deg to RUSS in Russian, x5970&/N  
1800-1900 NF 7180#/W 250 kW / 060 deg to RUSS in Russian, x5970\*/N  
& to avoid China Radio International in German and Ukrainian Radio HS-1  
\* to avoid China Radio International in French and Ukrainian Radio HS-1  
# co-ch China R International in French via CER/ALB!  
% co-ch TWR Africa in Tigrinya Sa-Thu

Voice of Oromia Liberation Front in Oromo to EaAf from Dec. 4:

1600-1700 NF 11760/Juelich 100 kW / 130 deg Sun/Tue/Thu, x9695/W  
(DX MIX News Dec 8)

**GERMANY / MADAGASCAR** - New station Radio Dabanga in Arabic from Nov. 15:

0430-0525 7315 W 250 kW 150 deg to CeAf  
13800 MDG 250 kW 325 deg to CeAf  
(DX MIX News, Nov 18)

**GERMANY / SRI LANKA** - Frequency changes of Radio Liberty:

0500-0530 NF 5890 Bib 100 kW 105 deg, x5925\*in Moldovian Mo-Fr  
1130-1145 NF 17515 CLN 250 kW 324 deg, addit. freq.in Georgian Mo-Fr  
1800-1900 NF 9525 Lam 100 kW 092 deg, addit. freq.in Georgian  
2000-2045 NF 9565# Lam 100 kW 092 deg, addit. freq.in Georgian Mo-Fr  
2000-2100 NF 9565# Lam 100 kW 092 deg, addit. freq.in Georgian Sa/Su  
\* to avoid R France International in French  
# co-ch R Romania International in Romanian  
(DX MIX News, Nov 18)

**GREECE** - The pirate radio Makedonia was shut down and now the frequency MW 1386 kHz is used by ERA-RSM 2nd prgr with main freq 1044 kHz. Some of the prgrs on both freqs are relaying on 9935 kHz. Observed on Dec 2nd. Due to the political reasons[sic, ERT never on air Tuesdays due of maintenance !]

Radio Filia was not on the air 0700-1000 UT in En, Fr, Sp on 12105 and in Greek on 9420 kHz on same day. When are the prgrs in Ge and Ru please and which freq is using in B-08?

(Rumen Pankov-BUL, Dec 8)

In winter season ERT's German and Russian services only on MW 666 kHz and on internet livestream. ERT has a total break on short wave at 1000-1100 UT, - lunchtime in Avis... (wb)

**GUAM** - Deleted txions of AWR/KSDA:

1700-1730 11795 KSDA 100 kW 300 deg to ME in Hindi  
1730-1800 11695 KSDA 100 kW 300 deg to ME in Tamil  
1700-1730 9980 KSDA 100 kW 300 deg to ME in various langs\*  
1730-1800 9980 KSDA 100 kW 300 deg to ME in English  
\*Mo/Tue Tagalog; Wed / Thu Ilonggo; Fri/Sa Cebuano; Su Ilocano  
(DX MIX News, Nov 18)

**INDIA** - Indian stations schedule B08

kHz	kW	Station UTC (Target Area)
3945	50	Gorakhpur 0130-0230 Nepali (Nepal), 0230-0300 HS, 1330-1430 Nepali (Nepal), 1430-1735 Urdu (Pakistan)
4760	10	Leh s0130/w0213-0400/0413/Sun 0430 1200-1700
4760	8.5	Port Blair 2355-0300 1030-/1700/1730
4775	50	Imphal 0000/0030-0215 1030-1700/1730
4800	50	Hyderabad 0020-0215 1130-1742
4810	50	Bhopal 0025-0215 1130-1742
4820	50	Kolkata 0025-0215 1220-1744
4830	50	Jammu 0025-0445/Sun 0450 1030-1741
4835	10	Gangtok 0100-0401 1030-1600
4840	50	Mumbai 2355-0400 1230-1730
4850	50	Kohima 0000-0415 1000-1600/1630/1700
4860	50	Delhi/Kingsway 0025-0440,1220-1330 HS, 1330-1430 Nepali (Nepal),1430-1930 Urdu (Pakistan)
4880	50	Lucknow 0025-0430(Sun 0415), 1215-1741
4895	50	Kurseong 0055-0400 1130-1700(Sat, Sun 1741)
4910	50	Jaipur 0025-0400/Sun 0430 1130-1741
4920	50	Chennai 0015-0245 1200-1739
4940	50	Guwahati 0000-0415 1150-1700(Sat 1741)
4950	50	Srinagar v2245-0020v (Ramzan period), s0025/w0120-0215 1120-1739
4960	50	Ranchi 0025-0445 1100(Sun 1130) -1741
4965	50	Shimla 0025-0200 1235v-1730(Sat, Sun 1741)
4970	50	Shillong 0025-0400 1056-1630
4990	50	Itanagar 0020-0400 1000-1630
5010	50	Thiruvananthapuram 0020-0215 1145(Sun 1130)-1740
5015	50	Delhi (Kingsway) 1220-1841
5040	50	Jeypore 0025-0435 (Sun 0445, Sat 0545 v), 1130-1741
5050	10	Aizawl 0025-0400 1130-1630
5965	50	Jammu 0630-0930
5985	50	Ranchi 0630-1000
5990	250	Aligarh 0100-0200 Sindhi (Pakistan)
6000	10	Leh 0700(Sun 0630)-0930
6020	50	Shimla 0215-0400, 0700 (Sun 0415-1000)-0930 1130-1230
6030	50	Delhi (Kingsway) 0200-0310 1215-1430
6040	50	Jeypore 0700-0936
6045	100	Delhi (Kingsway) 1430-1930 Urdu (Pakistan)
6065	50	Kohima 0430-0510 0700-0900
6085	50	Delhi/Kingsway 1220-1310 1330-1340 1345-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740
6100	100	Delhi 0230-0330 1430-1530
6110	50	Srinagar 0225-0509 (Sun 1115), 0600-1115
6150	50	Itanagar 0700-0900
6155	100	Delhi (Kingsway) 0015-0430 Urdu (Pakistan)
6165	250	Delhi (Khampur) 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
6190	50	Delhi/Kingsway 0730-1030
7105	50	Lucknow 0700(Sun 0445)-1000, 1005-1006
7115	250	Panaji 1615-1730 Persian, 1730-1830 Malayalam (W. Asia )
7115	8.5	Port Blair 0315-0400 (Sat 0415,Sun 0500), 0700-0931(Sun 1000)
7120	50	Jaipur (Sun v0420-0600), 0630-0931
7125	100	Delhi (Kingsway) 0100-0200 Sindhi (Pakistan)
7130	50	Shillong 0656-0930
7140	50	Hyderabad 0225-0445(Sat 0505,Sun 0500), 0610-0930/0935 (Sun 0530-1030)
7140	100	Delhi (Kingsway) 1550-1615/1630/1700/1730v 1730-1740
7150	50	Delhi (Kingsway) 0030-0040
7150	50	Imphal 0225-0400/0530(Sun 0500), 0645(Sun 0600)-1000
7160	50	Chennai 0300-0430(Sun 0530), 0610-0930 (Sun 1130)
7180	50	Bhopal 0225-0447 (Sun 1031), 0630-0931
7195	100	Mumbai 0015-0430 & 0830-1130 Urdu, 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
7210	50	Kolkata 0230-0401(Sat,Sun 0501), 0700-1000(Sun 1030)
7230	50	Kurseong 0620-1030
7235	50	Delhi (Kingsway) 0215-0320 0330-0340 (Sun 0355)
7240	50	Mumbai 0530-1035
7250	50	Gorakhpur 0700-0800 Nepali (Nepal), 0830-1130 Urdu (Pakistan), 1130-1140 HS
7255	250	Aligarh 1315-1415 Dari, 1415-1530 Pushtu, (Afghanistan, Pakistan), 1530-1545 English
7270	100	Chennai 1000-1100 English, 1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)
7280	50	Guwahati 0600-0930 0945-1145 (Sun 0530-1145)
7290	50	Thiruvananthapuram 0230-0430(Sat 0530, Sun 1030), 0630-1000
7295	10	Aizawl 0700-0930(Sun 1000)
7360	100	Chennai 0000-0045 Sinhala, 0045-0115 Tamil (Sri Lanka), 0115-0430 HS
7410	250	Delhi (Khampur) 1315-1415 Dari, 1415-1530 Pushtu (Afghan, Pakistan)
7410	250	Aligarh 1615-1730 Hindi (W. Asia)
7410	250	Delhi (Khampur) 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)
7420	50	Guwahati 0130-0230 Nepali, 0230-0245 Hindi HS, 0245-0300 English HS, 0300-0430 Bangla, 0700-0800 Nepali, 0800-1100 Bangla, 1215-1330 Tibetan, 1330-1430 Nepali, 1445-1515 Bangla, 1515-1530 Hindi HS,1530-1600 English HS,1600-1730 Bangla, 1730-1735 English HS, 1735-17
9425	500	Bengaluru 1320-0043 (National Channel)
9445	500	Bengaluru 1745-1945 English (W NW Africa), 2045-2230 English(W. Europe)
9575	50	Delhi/Kingsway 1215-1330 Tibetan (Tibet), 1330-1420 1430-1440 1445-1615/1630/ 1700/1730v, 1730-1740 HS
9585	250	Delhi (Khampur) 1615-1715 Russian (E. Europe)
9595	100	Delhi (Kingsway) 0015-0430 Urdu (Pakistan)
9595	50	Delhi (Kingsway) 0700-0800 Nepali (Nepal)
9595	50	Delhi (Kingsway) 0810-0830 HS, 0830-1130 Urdu (Pakistan), 1130-1140 HS
9620	250	Aligarh 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
9635	250	Aligarh 0100-0200 Sindhi (Pakistan)
9690	500	Bengaluru 1330-1500 English (E SE Asia)
9705	250	Panaji 2245-0045 English (E SE Asia)
9810	250	Panaji 0130-0230 Nepali (Nepal)

9820 250 Panaji 1300-1500 Sinhala (Sri Lanka), 1530-1545 English  
 9835 100 Delhi (Kingsway) 0000-0045 Tamil (Sri Lanka)  
 9835 250 Delhi (Khampur) 0215-0300 Pushtu, 0300-0345 Dari (Afghanistan, Pakistan)  
 9835 50 Delhi (Kingsway) 1330-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740  
 9870 500 Bengaluru 0025-0435 0900-1200 1245-1740 (Vividh Bharati)  
 9890 100 Delhi 0730-0830  
 9905 250 Aligarh 1615-1730 Persian, 1730-1945 Arabic (W.Asia), 1945-2030 French (W NW Africa)  
 9910 250 Aligarh 0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)  
 9910 250 Delhi (Khampur) 1315-1415 Dari, 1415-1515 Pushtu (Afghanistan, Pakistan) 1530-1545 English  
 9910 250 Aligarh 0000-0045 Tamil (SE Asia), 2045-2230 English (Australia/NZ), 2300-2400 Hindi (SE Asia)  
 9950 250 Aligarh 2245-0045 English (NE Asia)  
 9950 250 Delhi (Khampur) 1515-1615 Swahili, 1615-1730 Hindi (E.Africa), 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)  
 11585 250 Delhi (Khampur) 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan), 1615-1730 Persian, 1730-1945 (Arabic) W.Asia  
 11620 250 Delhi (Khampur) 0100-0430, 0830-1130 Urdu (Pakistan), 1130-1140 HS, 2245-0045 English (E SE NE Asia)  
 11620 500 Bengaluru 1215-1315 Burmese (Myanmar)  
 11620 250 Khampur 1330-1500 English (E SE Asia)  
 11620 250 Khampur 1515-1600 Gujarati (E. Africa), 1615-1715 Russian (E. Europe), 1745-1945 English, 1945-2045 Hindi (Europe)  
 11620 1000\* Bengaluru 2045-2230 English (Australia/NZ/Europe)  
 11645 250 Delhi (Khampur) 2245-0045 English (NE Asia)  
 11710 50 Delhi (Kingsway) 1115-1140 HS, 1215-1315 Burmese (Myanmar)  
 11715 250 Delhi (Khampur) 0130-0230 Nepali (Nepal)  
 11715 250 Panaji 2045-2230 English (Australia/NZ)  
 11730 250 Delhi (Khampur) 0400-0430 Persian, 0430-0530 Arabic (West Asia), 0530-0600 Urdu (Haj Season)  
 11735 500 Bengaluru 0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)  
 11740 250 Panaji 2300-2400 Hindi, 0000-0045 Tamil, (SE Asia), 0045-0115 Sinhala (Sri Lanka)  
 11775 250 Panaji 1215-1330 Tibetan (Tibet), 1330-1430 Nepali (Nepal)  
 11830 50 Delhi (Kingsway) 0125-0340 (Sun 0355)  
 11840 250 Panaji 0315-0415 Hindi (West Asia)  
 11840 250 Delhi (Khampur) 1145-1315 Chinese (NE Asia)  
 11850 50 Delhi (Kingsway) 0700-0800 Nepali (Nepal)  
 11935 100 Mumbai 1745-1945 English (E.Africa)  
 11985 250 Delhi (Khampur) 0000-0045 Tamil, 0045-0115 Sinhala (Sri Lanka)  
 11985 500 Bengaluru 0215-0300 Kannada (W.Asia)  
 12025 250 Panaji 1615-1730 Hindi, 1730-1830 Malayalam (W. Asia )  
 13605 500 Bengaluru 1515-1615 Swahili (E.Africa)  
 13605 500 Bengaluru 1745-1945 English, 1945-2030 French (W NW Africa)  
 13605 1000\$ Bengaluru 2245-0045 English (E SE Asia)  
 13620 500 Bengaluru 1730-1945 Arabic (W. Asia), 1945-2030 (W NW Africa)  
 13645 250 Aligarh 1115-1200 Thai (SE Asia)  
 13695 500 Bengaluru 0315-0415 Hindi (W.Asia)  
 13710 500 Bengaluru 1000-1100 English (NE Asia, Australia/NZ), 1115-1215 Tamil, 1215-1245 Telegu (SE Asia), 1330-1500 English (E SE Asia)  
 13770 500 Bengaluru 1615-1730 Hindi (W Asia)  
 13795 500 Bengaluru 0000-0045 Tamil, 2300-2400 Hindi (SE Asia)  
 15020 250 Aligarh 1000-1100 English (NE Asia)  
 15040 100 Delhi (Kingsway) 1215-1315 Burmese (Myanmar)  
 15050 250 Delhi (Khampur) 1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)  
 15075 500 Bengaluru 0215-0300 Kannada (W Asia), 0415-0430 Gujarati, 0430-0530 Hindi (E.Africa)  
 15075 1000# Bengaluru 0315-0415 Hindi (W.Asia, E.Africa)  
 15075 250 Delhi (Khampur) 1615-1730 Hindi, 1745-1945 English (E. Africa)  
 15135 50 Delhi (Kingsway) 0125-0205 0215-0310 (Sun 0355)  
 15140 250 Delhi (Khampur) 1615-1715 Russian (E. Europe)  
 15155 250 Aligarh 1745-1945 English (W & NW Africa)  
 15175 250 Panaji 1515-1600 Gujarati (E. Africa)  
 15185 250 Panaji 0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (E. Africa, Mauritius)  
 15185 50 Delhi (Kingsway) 0730-0930 1115-1140  
 15235 500 Bengaluru 1000-1100 English (NE Asia)  
 15235 250 Panaji 1115-1200 Thai (SE Asia)  
 15260 50 Delhi (Kingsway) 0700-0930 HS, 1000-1100 English (Sri Lanka)  
 15770 250 Aligarh 0400-0430 Persian, 0430-0530 Arabic (W.Asia), 0845-0945 Indonesian, 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)  
 15795 500 Bengaluru 1145-1315 Chinese (NE Asia)  
 17510 250 Delhi (Khampur) 0845-0945 Indonesian (SE Asia), 1000-1100 English (Australia/NZL)  
 17670 500 Bengaluru 1515-1615 Swahili, 1615-1730 Hindi  
 17670 250 Delhi (Khampur) 1745-1945 English (E.Africa)  
 17705 500 Bengaluru 1145-1315 Chinese (NE Asia)  
 17715 250 Delhi (Khampur) 0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (E. Africa, Mauritius)  
 17740 250 Delhi (Khampur) 1115-1200 Thai (SE Asia)  
 17800 500 Bengaluru 1000-1100 English (NE Asia)  
 17810 250 Panaji 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)  
 17845 250 Delhi (Khampur) 0400-0430 Persian, 0430-0530 Arabic (W.Asia) 0530-0600 Urdu (Haj Season)  
 17860 100 Delhi (Kingsway) 1115-1215 Tamil (Sri Lanka), 1220-1245 HS  
 17875 250 Aligarh 0845-0945 Indonesian (SE Asia)  
 17895 250 Aligarh 1000-1100 English (Australia/NZL)  
 (Bedanta Das, Barpeta, Assam, India, E-Mail <das884@gmail.com>)

Remarks to the above list by Wolfgang Bueschel:

\*) wrong power, AIR never combined tx like Radio Liberty at former Playa de Pals-ESP site. Rather two separate transmitters on very same AIR broadcasting center, via different curtains to different target, like Thomson-Thales Bangalore 500 kW unit aimed at AUS/NZL 120degr; the other Thomson-Thales Bangalore 500 kW unit aimed at EUR 325 degr.

\$) see above, 1 x 500 kW at 58degr E Asia, the other 500 kW unit at 90degr SE Asia

#) see above, 1 x 500 kW at 240degr E Africa, the other 500 kW unit at 300degr W Asia

Several AIR outlets observed 1617-1712, 29 Nov, viz.:

4800 Hyderabad, 1652-1705, cf. \ \ 4910; 43432.

4810 Bhopal, 1650-1707, cf. \ \ 4910; 45433 but deteriorating.

4840 Mumbai, 1646-1712, Vernacular, Indian songs; 45433.

4880 Lucknow, 1635-1639, cf. \ \ 4910; 23431, QRM de jammer (Zimbabwe against SW R. Africa? If so, it was unusually strong).

4910 Jaipur, 1617-1642, Vernacular, Indian music; 25433; \ \ 4800, 4810, 4880, 4920, 4940, 5010, 5040.

4920 Chennai, 1618-1640, cf. \ \ 4910; 34432, QRM de CHN.

4940 Guwahati, 1621-1646, cf. \ \ 4910; 45433.

5040 Jeypore, 1631-1647, cf. \ \ 4910; 25432.

(all Carlos Goncalves-POR, Dec 2)

**INDIA / SWAZILAND** - Terzett auf 4760 kHz. Es hat was von Feinarbeit; gestern Nachmittag, um 4760 kHz:

11.18:06 UT - s/on auf 4.760.029 kHz [Leh, see below] mit s/off um 16.30:23 UT.

11.55 UT - f/in auf 4.759.987 kHz [Pt. Blair], kein s/off vor 1715 UT (Ende der Aufnahme)

15.55:50 UT - TWR Swaziland s/on, auf 4760.001 kHz hoerbar, schnell staerker werdend, s/off 16.59:15 UTC

Wer fummelt denn fuer dieses Jahr mal die ersten beiden Frequenzen Leh / Pt. Blair auseinander?

(Nils Schiffhauer-D DK8OK, A-DX Dec 9)

Die Antwort kommt morgens gegen 0100 / 0230 UT am einfachsten: Da erklart sich durch die unterschiedlichen s/on Zeiten schnell das 4760.029 kHz aus dem Himalaya kommt und 4759.987 kHz direkt aus der Andamanensee zu uns wandert. (Christoph Ratzer-AUT OE2CRM, A-DX Dec 10)

To be pointed out: Reception was with PERSEUS and else equipment. (we)

### IRAN - Winter B-08 for VOIROI / IRIB

ALBANIAN	0630-0727 on 13810 15235	INDONESIAN	1230-1327 on 15200 17570
	1830-1927 on 6100 7165		2230-2327 on 5945 7255
	2030-2127 on 6100 9740	ITALIAN	0630-0727 on #9770 13620 15085
ARABIC	0230-0527 on 6065 7350 9895		1930-1957 on 5890 7380
	0330-0427 on 7250 9505 "Voice of Palestine"	JAPANESE	1330-1427 on 7380 9905
	0530-0827 on 13790 13800 15545		2100-2157 on 6145 7260
	0830-1027 on 9895 13800 15545	KAZAKH	0130-0227 on 7105 7265
	1030-1427 on 13790 13800 15545		1300-1357 on 9660 11750
	1430-1627 on 15545	KURDISH	0330-0427 on 3945 6145 Sorrani dialect
	1630-0227 on 6065		1330-1427 on 5990 Kirmanji dialect
ARMENIAN	0300-0327 on 7255 7295		1430-1527 on 5990 Sorrani dialect
	0930-0957 on 9695 15260		1530-1627 on 5990 Kirmanji dialect
	1630-1727 on 6185 7230	PASHTO	0230-0327 on 6095 6140
AZERI	0330-0527 on 9865		0730-0827 on 11990 15440
	1430-1657 on 6200		1230-1327 on 6200 7170
BENGALI	0030-0127 on 5905 6185		1430-1527 on 5890
	0830-0927 on 11705		1630-1727 on 6005 6015
	1430-1527 on 5910 7330 7380	RUSSIAN	0300-0327 on 6040 7125
BOSNIAN	0530-0627 on 13760 15235		0500-0527 on 12025 15530 17680 17780
	1730-1827 on 5945 7295		1430-1527 on #3960 7165 9575 9735
	2130-2227 on 5950 9710		1700-1757 on 3985 7170
CHINESE	1200-1257 on 9895 11670 13645 15150		1800-1857 on 6035 7305
	2330-0027 on 7130 7325 9635		1930-2027 on 3985 7205
DARI	0300-0627 on 9875 13740	SPANISH	0030-0227 on 7225 9680
	0830-1427 on 9940 13720		0230-0327 on 7225
	1430-1457 on 9940		0530-0627 on 13710 15320
ENGLISH	0130-0227 on 6120 7160 "Voice of Justice"		2030-2127 on #6055 7130 7350
	1030-1127 on 15460 17660	SWAHILI	0400-0457 on 13640 15260, ex 0330-0427
	1530-1627 on 6160 7330		0830-0927 on 15240 17660
	1930-2027 on 6010 #6115 7320 9855 11695		1730-1827 on 6130 7345
GERMAN	0730-0827 on 15085 17590	TAJIK	0100-0227 on 5955 6175
	1730-1827 on #6180 6205 7380		1600-1727 on 5945 5955
FRENCH	0630-0727 on 13600 15425	TURKISH	0430-0557 on 12060 13750
	1830-1927 on #6115 6180 7380 9565		1600-1727 on 7125 7310
HAUSA	0600-0657 on 15435 17810	URDU	0130-0227 on 3945 6010 6190
	1830-1927 on 5950 7335		1300-1427 on 6175 9790 9835
HEBREW	0430-0457 on 9820 11925		1530-1727 on 5890
	1200-1227 on 13740 15390	UZBEK	0230-0257 on 6040 6175
HINDI	0230-0257 on 13725 15165		1500-1557 on 5945 7215
	1430-1527 on 7360 9710		

# Sitkunai, Lithuania

(DX MIX News, Nov 24)

**ISRAEL** - 15785, Galei Zahal; 1353-1359+, 7-Dec; M in Hebrew taking phone calls; GZ ID at 1358+. SIO=353+.

15785, WYFR, Family Radio, Okeechobee FL; 1632-1639+, 6-Dec; Open Forum commentary program. ID at 1639. Listed Arabic, but may be a dialect, as thought for quite a while it was Galei Zahal in Hebrew. S20 peaks (Harold Frodge, Midland

MI, Michigan Area Radio Enthusiasts DXpedition, Brighton MI, Drake R8B + 65 ft. folded dipole + 500 ft. SW-NEish unterminated beverage, DXLD) 16-17 only (gh)

**KOREA D.P.R.** - The National Service PBS can be heard on 6250.7 from around 1200 UTC until s/off at 1900 UTC //6399 weaker with the same programme. In the morning KDVR audible on 7 frequencies from 0700 UTC on, fading out from 0830 on: 6 fq Voice of Korea 13760, 11735, 9975 Russian, 9650 and even 7580 in Japanese (Nov,29), 15245 from 0800 after s/off CRI. 9665,6 KCBS in Korean until 1100UTC. (Udo Krüger, Dec 10)

**LITHUANIA** - KBC via Sitkunai-LTU at 1000-1530 9770 and 2130-2230 6055 kHz. Special broadcasts on 25th and 26th of December, 2008. (Rumen Pankov-BUL, Dec 8)

**MADAGASCAR** - KNLS says that they soon will be broadcasting an additional 30-35 hours from their new station in Madagascar in at least three additional languages Arabic, Spanish and Portuguese. The construction in Madagascar is on schedule. The guardhouse and staff home are built and painted. As of September 12, the floors of the transmitter building were being poured and the walls were expected to go up shortly.

Two members of the Malagasy staff visited the U.S. this past summer to learn to dismantle and assemble the new transmitters. This experience will enable them to assemble and install the transmitters when they arrive in Madagascar. Hurricane Ike has delayed the shipment of two 40-foot containers from Houston, although the containers were not damaged in the storm. (November NASB Newsletter direct and via dxld)

The transmitter building will contain three 100 kilowatt transmitters. The antenna towers are up and the wire will begin to be stretched in January 2009. (World Christian Broadcasting November bulletin) (via WDXC-UK Dec Contact Dec 2)

**MONGOLIA** - On 12085 kHz Vo Mongolia at 0900-1055 UT in Japanese, Mongol, Chinese and English on Nov 30th. Vo Mongolia in Ru via Vo Russia WS in Ru was not on the air on Nov 26 and Nov 30 which prgrs are aired after prgr "Club DX" by Mr. Vadim Alexeev, resp. at 133 5Wed and 2135 Su. (Rumen Pankov-BUL, Dec 8)

**MONGOLIA [non]** - 12025, Dec 10 at 1350 with IS I first thought was one of the gospel huxters, but a rather odd time for it, followed by ID in Russian which I first thought was saying ``Radiostantsiya Golos Angoliy`` --- but there is no Russian from Angola! Then I realized it is ``Radiostantsiya Golos Mongoliy``, the relay via Golos Rossii, which has been reported on 13600 at 1334-1359 by Rumen Pankov. Could not hear it there, but I previously noted the two were //. Fair signal with flutter. (Glenn Hauser, OK, DXLD)

**MYANMAR** - 5985 Myanmar R, Yegu, 1403-1421, 29 Nov, Burmese (pres), light songs; 14431, adjt. QRM. 9730.76 Myanma R, Yegu, 1356-1407, 29 Nov, percussion instrument tunes; 15431, adjt. QRM de stn in Mandarin (pres) on 9730 s/on at 1400. (Carlos Goncalves-POR, Dec 2)

5770, BRM, Defence Forces BC, 26.11, 1525, local language, closing down; O=3-4 (Michael Schnitzer, DX Camp, 45 km north east of Nuremberg, Germany, Antennas: seven Beverages, 200-500m length; Receivers: 2 ICOM R-75, ICOM R-70, NRD-525, NRD-535, SDR, Perseus, HCDX via DXLD)

**NEW ZEALAND** - New B-08 of Radio New Zealand International from Nov.3/11/17:

1059-1258	on	13660	RAN	050	kW	/	325	deg	AM	NWPac, Bougainville, PNG, Timor, As
1059-1158	on	9870	RAN	025	kW	/	325	deg	DRM	NWPac, Bougainville, PNG, Timor, As
1259-1550	on	6170	RAN	050	kW	/	000	deg	AM	All Pacific
1400-1430	on	9750	WOF	035	kW	/	102	deg	DRM	WeEu, Sat only
1551-1650	on	6170	RAN	050	kW	/	035	deg	AM	NEPac, Fiji, Samoa, Cook Isl
1551-1650	on	7145	RAN	025	kW	/	035	deg	DRM	NEPac, Fiji, Samoa, Cook Isl
1651-1750	on	9765	RAN	050	kW	/	035	deg	AM	NEPac, Fiji, Samoa, Cook Isl
1651-1750	on	9890	RAN	025	kW	/	035	deg	DRM	NEPac, Fiji, Samoa, Cook Isl
1751-1850	on	9765	RAN	050	kW	/	035	deg	AM	NEPac, Fiji, Samoa, Cook Isl
1751-1850	on	9890	RAN	025	kW	/	035	deg	DRM	NEPac, Fiji, Samoa, Cook Isl
1851-1935	on	11725	RAN	050	kW	/	035	deg	AM	NEPac, Tonga, Fiji, Samoa, Cook Isl
1851-1935	on	9890	RAN	025	kW	/	035	deg	DRM	NEPac, Tonga, Fiji, Samoa, Cook Isl
1936-1950	on	11725	RAN	050	kW	/	000	deg	AM	All Pacific
1936-1950	on	11675	RAN	025	kW	/	000	deg	DRM	All Pacific
1951-2050	on	11725	RAN	050	kW	/	000	deg	AM	All Pacific
1951-2050	NF	13730	RAN	025	kW	/	000	deg	DRM	All Pacific, ex 15720 >> Nov.20
2051-2235	on	17675	RAN	050	kW	/	000	deg	AM	All Pacific
2051-2235	on	15720	RAN	025	kW	/	000	deg	DRM	All Pacific
2236-0458	on	15720	RAN	050	kW	/	000	deg	AM	All Pacific



2236-0458 on 17675 RAN 025 kW / 000 deg DRM All Pacific  
 0459-0658 on 11725 RAN 050 kW / 000 deg AM All Pacific  
 0459-0658 on 11675 RAN 025 kW / 000 deg DRM All Pacific  
 0659-1058 on 9765 RAN 050 kW / 000 deg AM All Pacific  
 0659-1058 on 9870 RAN 025 kW / 000 deg DRM All Pacific  
 (DX MIX News, Nov 24)

**NIGERIA** - 6089.8, R. Kaduna, Hausa, today Dec. 3rd and several other days recently: coming in with quite distinctive loud and dirty modulation and het to 6090 almost every day from 1700, later dominating over other channels on the frequency (Thorsten Hallmann, Münster, Germany, Dec 3, DXLD)

6089.9, no sign of Anguilla at 2247 Dec 3, but instead a strong and very distorted signal with singing/chanting, unseems Arabic, probably Hausa. Also unseems Qur'an, but 2256 followed by brief no-nonsense talk in Arabic, probably sermon. 2257 cut to another announcer, 2259 anthem and off. Already had open carrier 6085 on side from WYFR, and at 2257 QRM from its IS. Also heard DRM noise on 6090, but nothing scheduled co or adjacently, per DRMDX, closest being 6080-6085-6090 10 kW from Ismaning, but closing at 2200. Anyhow, this must have been Radio Nigeria, Kaduna, which WRTH says is 50 kW, Aoki says is 250 kW, PWBR says is 50 kW. I guess we should go with the mode instead of the mean. When Anguilla is on during overlap times, Kaduna furnishes the annoying het. (Glenn Hauser, OK, DXLD)

### **PALAU** - Monitored T8WH.

T8WH - Angel 3

0700-0800 off the air  
 0800-1200 9930 daily (Sa.Su. 0800-0930 / Tu.Th.1 000-1100 Japanese)  
 1200-1500 9930 Sa.Su  
 1200-1500 9930 Mo-Fr (Sound of Hope in Chinese)  
 1500-1800 9905 (Radio Free Asia in Chinese)  
 1800-1900 9955 off the air  
 1900-2200 9875 (Radio Free Asia in Chinese)

T8WH - Angel 4

0100-0400 15680 off the air  
 0400-0500 15680 daily  
 0500-0800 15680 Sa.Su. (Sa. 0500-0530 / Su. 0500-0600 Japanese)  
 0800-1000 15680 off the air  
 1000-1200 12130 off the air  
 1200-1300 12130 Tu.Th.Sa. (1200-1230 Hao Mai R. in Vietnamese)  
 1300-1400 11880 Democratic Voice of Burma  
 1400-1500 9965 BVBCN Voice of Wilderness (CMI) in Korean (new Nov. 24?)  
 <[http://ndxc.org/aoki/binews/ai/cmi-20081124-1400\\_9965.mp3](http://ndxc.org/aoki/binews/ai/cmi-20081124-1400_9965.mp3)>  
 1500-2200 9930 off the air  
 1500-1600 9965 (1530-1600 JCIC-Nippon no Kaze in Korean) de Hiroshi  
 (Sei-ichi Hasegawa-JPN NDXC, dxld Nov 26)

**PERU** - 4790 R. Vision, Chiclayo, 2238-2249, 28 Nov, Castilian, talks, announcements 6 testimonials in some relig. propag. prgr; 34332, CODAR QRM.

4940 R. San Antonio, Villa Atalaya, 2218-2232, 28 Nov, Castilian, f/ball, IDs; 25331.

4955 R. Cultural Amauta, Huanta, 2216-2226, 28 Nov, Quechua, songs, talks, seeming infos &/or messages; 35332, and vy. good on 30 Nov at 2235.

4991 R. Manantial, Chilca, 2346-2355, 20 Nov, Castilian, Indian songs, announcements; 13321.

5120.2 R. Ondas del Suroriente, Quillabamba, 2240-2252, 28 Nov, Castilian, advertisements; 24231.

9720 R. Vitoria, Lima, 2201-2213, 28 Nov, Castilian + Portuguese translation, IPDA prgrs; 33422, QRM de DW in Indonesian. (Carlos Goncalves-POR, Dec 2)

### **PORTUGAL** - Operational B-08 schedule of RDP Internacional / Radio Portugal:

West Europe Mon-Fri

0600-0655 on 7130 LIS 300 kW / 045 deg  
 0700-1300 on 9815 LIS 300 kW / 045 deg  
 0745-0900 on 11660 SIN 250 kW / 055 deg  
 1700-2000 on 9455 LIS 300 kW / 045 deg

1400-1600 on 15690 LIS 100 kW / 082 deg

Sao Tome/Principe/Angola/Mocambique Mon-Fri

1100-1300 on 17745 LIS 300 kW / 144 deg  
 1700-2000 on 13720 LIS 300 kW / 144 deg

West Europe Sat/Sun

0800-1155 on 12020 LIS 300 kW / 045 deg  
 1200-1455 on 11885 LIS 300 kW / 045 deg  
 0930-1100 on 9815 SIN 250 kW / 055 deg  
 1500-1655 on 11635 LIS 300 kW / 045 deg  
 1700-2100 on 9455 LIS 300 kW / 045 deg

Sao Tome/Principe/Angola/Mocambique Sat/Sun

0800-1455 on 17590 LIS 100 kW / 144 deg  
 1500-1655 on 15520 LIS 100 kW / 144 deg  
 1700-2100 on 13720 LIS 300 kW / 144 deg

Middle East/India Mon-Fri

Brasil/Cabo Verde/Guinea Bisau Mon-Fri  
 1100-1300 on 21655 LIS 300 kW / 226 deg  
 1700-2000 on 15465 LIS 300 kW / 226 deg

Brasil/Cabo Verde/Guinea Bisau Sat/Sun  
 0800-1055 on 15555 LIS 300 kW / 226 deg  
 1100-1655 on 21655 LIS 300 kW / 226 deg  
 1700-2100 on 15465 LIS 300 kW / 226 deg

South America/Brasil Tue-Sat  
 0000-0300 on 11655 LIS 300 kW / 226 deg

Venezuela Tue-Sat  
 0000-0300 on 9855 LIS 100 kW / 261 deg

USA/Canada Tue-Sat  
 0000-0300 on 9455 LIS 300 kW / 300 deg

USA/Canada Sat/Sun  
 1300-1655 on 15560 LIS 300 kW / 300 deg  
 1700-1855 on 17825 LIS 300 kW / 300 deg  
 1900-2100 on 12040 LIS 300 kW / 300 deg

(DX MIX News, Dec 8)

**ROMANIA** - Frequency changes or Radio Romania International to WeEu:

1100-1156 NF 11970 GAL 300 kW / 285 deg, x17845 \ \ 15150 15255 17790

1200-1256 NF 11970\*TIG 300 kW / 307 deg, x11940 \ \ 9690

1300-1356 NF 11970 TIG 300 kW / 307 deg, x17745 \ \ 15105

(DX MIX News, Dec 8)

\* suffers now co-channel QRM probably by YFR Okeechobee in English. (wb, Dec 8)

**RUSSIA** - Winter B-08 schedule of Tatarstan Wave in Tatar / Russian:

0510-0600 15105 Sam 160 kW 065 deg to FE

0710-0800 9860 Sam 250 kW 058 deg to RUS

0910-1000 11915 Sam 250 kW 305 deg to WeEu

Winter B-08 of Radio Rossii in Russian:

0500-0800 9840 MSK 250 kW 260 deg to WeEu

0820-1300 12075 MSK 250 kW 260 deg to WeEu

1320-1600 7310 MSK 250 kW 260 deg to WeEu

1620-2200 5905#MSK 250 kW 260 deg to WeEu

# co-ch 1900-2000 RFI in Russian

2000-2200 DW in Arabic

(R BULGARIA DX MIX News, Nov 18)

**SERBIA / BOSNIA** - Winter B-08 schedule of International Radio Serbia:

1100-1358 7200 BE0 010 kW / non-dir to WEu Serbian

1400-1428 7200 BE0 010 kW / non-dir to WEu English

1430-1458 7200 BE0 010 kW / non-dir to WEu Serbian

1500-1528 7200\*BE0 010 kW / non-dir to WEu Spanish

1530-1558 7200\*BE0 010 kW / non-dir to WEu Arabic

1600-1628 7200\*BE0 010 kW / non-dir to WEu Russian

1630-1658 7200\*BE0 010 kW / non-dir to WEu French

1700-1728 7200\*BE0 010 kW / non-dir to WEu German

1730-1743 7200\*BE0 010 kW / non-dir to WEu Chinese

1745-1758 7200\*BE0 010 kW / non-dir to WEu Albanian

1800-1813 7200\*BE0 010 kW / non-dir to WEu Hungarian

1815-1828 7200\*BE0 010 kW / non-dir to WEu Greek

1830-1858 7200\*BE0 010 kW / non-dir to WEu Italian

1900-1928 6100#BHI 250 kW / 310 deg to WEu Russian

1900-1928 7200 BE0 010 kW / non-dir to WEu Russian

1930-1958 6100#BHI 250 kW / 310 deg to WEu English

1930-1958 7200\*BE0 010 kW / non-dir to WEu English

2000-2028 6100#BHI 250 kW / 310 deg to WEu Spanish

2000-2028 7200\*BE0 010 kW / non-dir to WEu Spanish

2030-2058 6100#BHI 250 kW / 310 deg to WEu Serbian Su-Fri

2030-2058 7200\*BE0 010 kW / non-dir to WEu Serbian Su-Fri

2030-2128 6100#BHI 250 kW / 310 deg to WEu Serbian Sa

2030-2128 7200\*BE0 010 kW / non-dir to WEu Serbian Sa

2100-2128 6100#BHI 250 kW / 310 deg to WEu German Su-Fri

2100-2128 7200\*BE0 010 kW / non-dir to WEu German Su-Fri

2130-2158 6100#BHI 250 kW / 310 deg to WEu French

2130-2158 7200\*BE0 010 kW / non-dir to WEu French

2200-2228 6100#BHI 250 kW / 310 deg to WEu English

2200-2228 7200\*BE0 010 kW / non-dir to WEu English

0030-0058 6190 BHI 250 kW / 310 deg to NAm Serbian Mon-Sat

0030-0128 6190 BHI 250 kW / 310 deg to NAm Serbian Sun

0100-0128 6190 BHI 250 kW / 310 deg to NAm English Mon-Sat

0200-0228 6190 BHI 250 kW / 310 deg to NAm English  
 \*co-ch 1500-1800 R Bulgaria in Russian / Bulgarian / Russian / Spanish  
 1930-2000 CRI in Romanian  
 2030-2230 CRI in French  
 #co-ch 1900-2230 CRI in Russian / Arabic / Arabic / Chinese  
 BE0=Stubline near Beograd -SRB, BHI=Beljina-Bosnia.  
 (DX MIX News, Dec 2)

**SAINT HELENA** - SHD Update. The following report was received from Robert Kipp about the recent Radio St. Helena Day 2008, a short review (05. Dec. 2008)

During Radio St. Helena Day 2008, RSH received 295 e-mails. There were two successful telephone calls: Mr. Shamim in Southern India, Mr. Chris Wood in Tennessee, USA

The "new postal route" works. Note that it is better to omit the words "South Atlantic Ocean" in in this "new postal route", so as not to confuse your local post office. Make certain that your letter reaches the United Kingdom. The P.O. in the UK then knows very well what to do with the letters. Be certain to include sufficient return postage inside your letter: (3+ IRC's or 3+ US Dollars, or 5 Euro or 5 GB Pounds (smallest banknote)). Be sure to put sufficient postage on your letter. You need airmail postage to the most remote country in the world (even if you are in the UK). From Germany, Euro 1.70; from USA, 94 cents; from UK, 81 Pence. This is for a standard, airmail, "world"-letter of (max.) 20 grams (USA: 1 ounce) weight.

The first two reception reports have reached Ascension Island. Christian Ghibaudo, France, sent his report on 18. November Richard Mitchell , Raleigh, NC, USA, also sent a report. Both of these letters arrived on Ascension on 26. November. In the mean time, several other reports have arrived. The Royal Mail Ship RMS St. Helena will pick these letters up at Ascension on 07. December and deliver the letters to St. Helena on 09. December 2008.

**Do NOT expect any RSD 2008 QSL cards to be posted before about July of 2009.**

The RSD 2008 QSL is, as of December, 2008, still being designed. The cards will, probably, be printed in January of 2009. It will then take about two months to ship the cards to St. Helena. From about April or May of 2009, RSH will be able to actually fill in the details and sign the QSL cards. That may take a month or two. Therefore, the RSD 2008 QSL cards will, probably, not be sent to SWL's before about July of 2009. This is the usual procedure and has been the approximate time table of events in the past years.

Unfortunately, the SUN did not help at all with the propagation of radio waves via the ionosphere this year, and we are still at the bottom of the old sun-spot cycle. Reception around the world was , generally, not good. Japan, however, had some phases of wonderful reception, but many areas of Europe and USA heard almost nothing.

Lucky were those DXers who have big antenna systems in the right direction. Among others, Anker Petersen (DSWCI), Glenn Hauser, and Jerry Berg have published excellent and detailed summaries of the reception conditions in many parts of the world. Simply put, that is the way things are on the shortwaves. The shortwaves are like a box of candy, you never know what you are going to get.

The RSD 2008 Team at Radio St. Helena sends their thanks to all SWL's everywhere and sincere best wishes to everyone for current Holiday Season and for the New Year 2009.

Gary Walters, Station Manager , Radio St. Helena - Robert Kipp (DXplorer Dec 6)

**SERBIA** - Good conditions Dec,5, so 6100 from 1900UTC (Russian) Radio Serbia dominating until s/off 2235. So start of Chinese bc at 2230 was strongly audible. German programme gives right fq announcement 6100 and 7200. English sce still announces 7240 which is not used for months. But 7200 not active on Dec 5 and 6. So no afternoon programme from 1100UTC on. (Udo Krüger)

**SINGAPORE / GERMANY / CROATIA** - From Jan 1, V. of Croatia plans to broadcast via Singapore at 0600-1000 UT on 17655 kHz, 100 kW, 135 degrees to Australia and New Zealand. Perhaps this will replace the long-path relay via Wertachtal, Germany on 11690 kHz. (Glenn Hauser-OK-USA, dxld Dec 8)

**SOLOMON ISLANDS** - 9541v Solomons back on 31 meter band. Widely heard in Europe too. (but only with very good equipment! Long discussions in A-DX ... best before 10 UTC here. (we))  
 SIBC is very strong again on 9541.53 kHz right now (0755 UT) with Christmas carols.  
 (Craig Seager-NSW-AUS, ARDXC via dxld Nov 29)  
 A RNZ technician has been in the Solomons looking at a transmission problem, so I guess that's what is behind it. (wb)

On November 10 at 20 hours on 5020 kHz in Sofia was heard Solomon Radio with news in English. Most likely after a long time Radio Solomon has again become audible at least in Sofia. It has also been received between 18 and 19 hours relaying the BBC World Service, followed by a program of its own.

(Rumen Pankov, R. Bulgaria DX Dec 8 via DXLD)

**SOUTH AFRICA** - 15235 Channel Africa at 1700 UTC S/on in English with News.

(Mick Delmage-AB-CAN, DXplorer Dec 7)

Meyerton-AFS. Today noted tremendous S=9+40dB signal at 1610 UT, when French broadcast heard on 15235 kHz to WeAF, scheduled 1600-1700 UT Dec 7. Rhythmic West African music/songs, highlights.

(wb, Dec 7)

**SPAIN** - REE, which is supposed to be on 9640 at 2200, and which was on 9690 past 2300 Dec 3 as in previous report, was instead on 9630 when checked Sat Dec 6 at 2205 with sports, // 11940. Per Aoki and EiBi, REE is not using 9630 at all this season, but in HFCC it's a duplicate registration with 9640, identical parameters at 19-23, so they can take their pick any given day. Or possibly it's one of numerous weekend variations which make more sense to REE than to anyone else (Glenn Hauser, OK, DXLD)

**SRI LANKA** - SLBC in En as was observed 28-30 November: Mon-Sat \*0100-0433\*, Sun \*0030-0530\* heard on 9770 kHz and also 6005 and 15745 kHz. The times on Sun 0030-0100 and 0430-0530 are Evangelic prgrs in En compiled in US ministries.

(Rumen Pankov-BUL, Dec 8)

**SUDAN [non]** - 13800, Dabanga with signal S5 in parallel to 7315 with signal S9!! With horn of Africa songs ID at 0511 then with news mixed with short tune in-between news feeds. Mention of Omdurman and Sudan. Language: local. On 3rd Dec, 7315 had a delay of ca 0.7 sec. On 3rd with signals S7 (33323) for 13800 // S5 (35334 ) for 7315 but now 13800 had the delay! On 4th with S5, 35343 for 13800 delayed over // 7315 on S9 SINPO 43534 with 1 kHz tone (Zacharias Liangas, 2 3 and 4 Dec, Thessaloniki, Greece, DXLD) 13800 = Madagascar, 7315 = Germany.

**SWAZILAND** - Signals of Hope - A New Transmitter Arrives in Swaziland Abraham Lincoln said, "In the end, it's not the years in your life that count, but the life in your years." This statement is absolutely true when we talk about the transmitters at TWR-Swaziland - the three short wave transmitters in Swaziland are heavily utilised with a total broadcast of approximately 1000 hours per month (this compares with almost the same broadcast activity per month put out by five transmitters on the island of Guam in Asia.)

TWR decided to replace an old Continental 100Kw transmitter (which was 35 years old) with a new HC100 model and in the process, revamp the transmitter building to create a better environment for the transmitters to operate.

The new transmitter, which was designed and built in Elkhart, Indiana, is a lot more efficient than the old Continental and will fit into TWR's remote monitoring system. All three short wave transmitters are now HC100

models which suggests that it will give TWR good flexibility in the broadcast schedule, being identically interchangeable. One of the other benefits of the upgrade is also a huge saving on electricity as the new HC100 is a lot more economical to operate.

Larry McGuire, from the HCJB global engineering centre in Elkhart, Indiana, arrived to assist with the assembly and commissioning and by the second week after Larry's arrival, TWR engineers were able to turn on the high power to test the transmitter.

The new transmitter went on air with regular broadcasts from the afternoon of Wednesday, 22nd October 2008. Praise God for wisdom and safety for the team responsible for this joyous moment.

"I am thrilled that we have a complement of three HC100's in service in Swaziland," says Steve Stavropoulos, the Chief Engineer at TWR-Swaziland.

"I believe the new transmitter will give our signals a lot more punch in the target areas, save on electricity accounts and also enable excellent flexibility in power levels and broadcast schedules."

While TWR is grateful for all the financial gifts made to this project, we still need to raise USD 30,000 to pay the outstanding amount on this transmitter. Please prayerfully consider contributing towards this very worthy cause.

(TWR Africa via Dr. Hansjoerg Biener, Nov 28)

**TAJIKISTAN** - 7245, V of Tajik, heard at 0945 on 08 Dec with "English" program consisting of continuous pop music and one English announcement at 0951. Tajik programming started at 1000 with some pretty dramatic martial music, thundering ID by OM, into soviet-style national anthem and long-winded station ID by OM/YL. Good sigs with minor QRM from 7240 and splattery PBS Xizang (Al Muick, Kabul, Afghanistan, WinRadio G303e, 200m Longwire/Randomwire, DXLD)

**THAILAND** - 9810, Radio Thailand, 1234-1259\* Nov 25, man and woman in English with news, ID ("You are listening to Radio Thailand news"), promos from tourist bureau and off in mid-sentence. Gave TC for 14 minutes past hour at 1244 saying live but suspect this was a replay of a previously live program. Fair to good (Rich D'Angelo, French Creek State Park DX-Pedition, PA, NASWA Flashsheet via DXLD)

R. Thailand, 9725, poor with flutter but no QRM, during English semihour to SE Asia, Dec 2 at 1410 with talk on the king's birthday festivities, then detailed info on how tourists may obtain VAT refund one requirement being departure via an international airport, not so easy at the moment!

It's incredible that there are many transmissions from the IBB Udorn relay which carry on with very good signals to NAM, while R. Thailand in actually targetting NAM fails to succeed by insisting on prime time direct on 12, 15 MHz.  
(Glenn Hauser, OK, DXLD)

**TIBET / CHINA** - 4905., PBS Xizang (Lhasa), 2340-2350, 12/5/2008, Tibetan. Man talking. Short bridge of oriental music at 2342. Moderate signal, peaking 2340 - 2345, then declining slowly. Parallel 4920 had slightly weaker signal bothered by heavy CODAR interference. SINPO 33323 (Jim Evans, Germantown, TN, TenTec RX-340, Drake R8B, RF Space SDR-14, Random Wires (90' and 200'), Eavesdropper Dipole, DXLD)

**U.K. [non]** - Winter B-08 of FEBA Radio:

WEST AND CENTRAL AFRICA

1830-1900 on 7160 RSA 100 kW / 345 deg smtwtf French  
2145-2215 on 11985 ASC 250 kW / 027 deg ....tf. Hassinya

MIDDLE EAST

0800-0830 on 15220 OE 300 kW / 115 deg smtwtf Arabic  
1900-1930 on 7235 W 250 kW / 105 deg smtwtf Arabic  
1900-2030 on 9550 RRW 250 kW / 030 deg smtwtf Arabic

EAST AFRICA, ETHIOPIA, SUDAN

1545-1600 on 12125 RSA 250 kW / 019 deg smtwtf Amharic  
1600-1630 on 12125 RSA 250 kW / 019 deg s...tfs Amharic  
1600-1630 on 12125 RSA 250 kW / 019 deg .mtw... Guragena  
1630-1700 on 12125 RSA 250 kW / 019 deg smtwtf Amharic  
1600-1630 on 11875 RRW 250 kW / 030 deg smtwtf Afar  
1630-1700 on 9850 UAE 250 kW / 230 deg smtw... Tigrinya  
1630-1700 on 9850 UAE 250 kW / 230 deg ....tfs Amharic  
1700-1730 on 11655 RRW 250 kW / 030 deg smtwtf Somali  
1730-1800 on 11655 RRW 250 kW / 030 deg smtwtf Tigrinya  
1700-1730 on 6180 UAE 250 kW / 230 deg smtwtf Orominya

PAKISTAN, AFGHANISTAN

0200-0300 on 7120 UAE 250 kW / 070 deg s..... Urdu  
0200-0230 on 7120 UAE 250 kW / 070 deg .mtwtf Urdu  
0230-0300 on 7120 UAE 250 kW / 070 deg .mtwtf Various  
0200-0230 on 6125 UAE 250 kW / 045 deg smtwtf Pashto  
0230-0300 on 6125 UAE 250 kW / 045 deg smtwtf Dari  
1400-1445 on 7150 Nov 250 kW / 195 deg smtwtf Urdu  
1445-1500 on 7150 Nov 250 kW / 195 deg smtwtf Various  
1430-1500 on 7250 ERV 200 kW / 104 deg smtwtf Pashto  
1500-1530 on 7250 ERV 200 kW / 104 deg smtwtf Dari  
1530-1545 on 7250 ERV 200 kW / 104 deg smtwtf Hazaragi  
1545-1600 on 7250 ERV 200 kW / 104 deg smtwtf Various

NORTH INDIA, NEPAL, TIBET

0015-0030 on 7370 UZB 100 kW / 131 deg smtwtf Bangla  
0030-0045 on 7370 UZB 100 kW / 131 deg s..w... Hindi  
0030-0045 on 7370 UZB 100 kW / 131 deg .mt.... Various  
0030-0045 on 7370 UZB 100 kW / 131 deg ....tfs Bangla  
0045-0100 on 7370 UZB 100 kW / 131 deg smtwtf Hindi  
1200-1230 on 15215 UAE 250 kW / 085 deg smtwtf Tibetan  
1430-1445 on 12045 UZB 250 kW / 070 deg smtwtf Urdu  
1445-1500 on 12045 UAE 250 kW / 070 deg ...wtf Kashmiri  
1445-1500 on 12045 UAE 250 kW / 070 deg smt.... Various  
1430-1500 on 7370 UZB 100 kW / 131 deg smtwtf Hindi  
1500-1530 on 7370 UZB 100 kW / 131 deg smtwtf Bangla

SOUTH INDIA

0030-0100 on 5885 ERV 100 kW / 125 deg smtwtf Tamil  
0130-0200 on 6140 UAE 250 kW / 105 deg s...tf. Telugu  
0145-0200 on 6140 UAE 250 kW / 105 deg .mtw...s Various  
1400-1430 on 12045 UAE 250 kW / 110 deg s..... English  
1400-1415 on 12045 UAE 250 kW / 110 deg .mtwtf Malayalam  
1415-1430 on 12045 UAE 250 kW / 110 deg .mtwtf Various

(DX MIX News Dec 8)

Some frequency changes of VT Communications Relays:

Star Radio / Cotton Tree News

0700-0800 NF 11875 ASC 250 kW / 027 deg to CAf English/French/Local, x 9525

FEBA Radio

1700-1730 NF 11655 RRW 250 kW / 030 deg to EAf Somali, ex 11785

1730-1800 NF 11655 RRW 250 kW / 030 deg to EAf Tigrinya, ex 11785

(DX MIX News Dec 2)

**U.S.A.** - 13570v, WINB, 1503 Tuesday Dec 2, Musical Memories show put on by a 'housewife' who revels in now being heard around the world, as she sits at her piano playing mostly religious music and singing. Not exactly a pro or of operatic quality, but she may have escaped from a choir. Included Jingle Bells with some clever new lyrics. Offered a free 60-minute CD of her Xmas music oeuvre, on request from P O Box 907, Oak Park IL 60303. Her husband's name is George and she finally IDed herself as Martha Reed (sp?) Garvin. As for her SW outlet, could not have picked a worse one to convey music, WINB with its distortion

and wobbly carrier. Also scheduled there UT Monday 0330 on 9265. Per the outdated Oct WWCR program schedule, times adjusted, she is also on Saturdays 1030 on 5070, Saturdays 1530 on 15825, Sundays 1100 on 5070, Mondays 2100 on 15825. (Glenn Hauser, DXLD)

#### VOA BROADCASTS OBITUARY OF FORMER DIRECTOR WHO INTRODUCED SPECIAL ENGLISH

The Voice of America has broadcast a program in Special English about Henry Loomis, who died earlier this month. Mr Loomis served as director of the Voice of America for seven years starting in 1958, and played an important role in creating the Special English service. A transcript and MP3 audio of the broadcast are available on the VOA website.

<<http://www.voanews.com/specialenglish/2008-11-29-voa1.cfm>>

(RNW MN Nov 30th - 1253 UT by Andy Sennitt-HOL)

#### U.S.A (non) - Frequency change for Voice of America:

1530-1600 NF 9465 Lam 100 kW / 092 deg, ex 9605 in Georgian

1600-1700 NF 7435 THA 250 kW / 305 deg, ex 7180 in Bangla

1830-1900 NF 9625 Lam 100 kW / 102 deg, ex 9750 in Azeri

(DX MIX News Nov 24)

#### U.S.A [and non] - WYFR / YFR B08 Shortwave Frequency list

FREQ	UTC	Language	Pow	Azi	Location	ADM								
3230	1900-2000	English	100	5	Meyerton	AFS		6085	1700-1900	Spanish	100	181	Okeechobee	USA
3955	1900-2000	Portuguese	100	76	Meyerton	AFS		6085	1900-1945	English	100	181	Okeechobee	USA
3955	1600-1700	German	100	ND	Wertachtal	D	excSat	6090	1400-1500	Punjabi	250	117	Samara	RUS
3955	0500-0600	German	250	106	Skelton	G		6090	1500-1600	Punjabi	250	117	Samara	RUS
3955	1700-1800	English	250	106	Skelton	G		6100	1900-2000	Portuguese	100	330	Meyerton	AFS
5745	0500-0600	Russian	100	222	Okeechobee	USA		6105	0800-1045	Portuguese	100	142	Okeechobee	USA
5745	0600-0700	English	100	44	Okeechobee	USA		6105	1700-1800	Persian	500	105	Nauen	D
5745	0700-0745	English	100	44	Okeechobee	USA		6120	1800-1900	Spanish	250	230	Nauen	D
5745	0800-0945	Spanish	100	160	Okeechobee	USA		6120	2000-2100	Spanish	250	230	Nauen	D
5745	2000-2045	English	100	44	Okeechobee	USA		6175	1900-2000	Arabic	250	120	Wertachtal	D Jan 1-
5820	1900-2000	German	250	284	Samara	RUS		6225	1400-1500	English	200	131	Tashkent	UZB
5820	1800-1900	Polish	200	311	Tashkent	UZB		6230	2200-2400	Chinese	100	310	BauJong	TWN
5865	1400-1500	Hindi	100	135	Dushanbe-Yangiyul	TJK		6240	1100-1600	Chinese	100	310	BauJong	TWN Jan 8
5865	1500-1600	Hindi	100	135	Dushanbe-Yangiyul	TJK		6240	2000-2100	English	500	309	Kishinev-Grigoriopol	MDA
5865	1600-1700	Hindi	100	135	Dushanbe-Yangiyul	TJK		6240	2100-2200	English	500	309	Kishinev-Grigoriopol	MDA
5900	1100-1200	Filipino	250	152	Irkutsk	RUS		6280	1500-1600	English	300	285	Tanshui	TWN
5910	1200-1300	Filipino	250	220	Vladivostok-Rasdolnoy	RUS		6280	1600-1700	Hindi	300	285	Tanshui	TWN
5950	2100-2200	English	100	355	Okeechobee	USA		6890	0900-1000	Spanish	100	355	Okeechobee	USA
5950	2200-2400	English	100	285	Okeechobee	USA		6890	1000-1245	English	100	355	Okeechobee	USA
5950	0000-0100	English	100	355	Okeechobee	USA		6915	0304-0400	Spanish	100	355	Okeechobee	USA
5950	0100-0200	English	100	355	Okeechobee	USA		6915	0400-0600	English	100	355	Okeechobee	USA
5950	0400-0500	English	100	285	Okeechobee	USA		6915	0600-0700	Spanish	100	355	Okeechobee	USA
5950	0500-0600	English	100	285	Okeechobee	USA		6915	0700-1100	English	100	355	Okeechobee	USA
5950	0800-1145	English	100	285	Okeechobee	USA		6915	1100-1145	Spanish	100	355	Okeechobee	USA
5950	2100-0200	English	100	355	Okeechobee	USA		6915	2000-2145	English	100	44	Okeechobee	USA
5955	2030-2130	French	500	180	Rampisham	G		7150	1000-1100	Japanese	250	85	Novosibirsk	RUS
5960	2000-2100	Arabic	250	210	Wertachtal	D		7160	1900-2000	English	250	330	Dhabbaya	UAE
5960	2100-2200	Arabic	250	210	Wertachtal	D		7165	1100-1400	Chinese	250	263	Petropavlovsk-Kamchat	RUS
5960	2200-2300	Arabic	250	210	Wertachtal	D		7165	1400-1500	English	250	263	Petropavlovsk-Kamchat	RUS
5965	1900-2000	Arabic	300	110	Rampisham	G		7175	1200-1300	Vietnamese	250	180	Irkutsk	RUS
5970	1400-1500	Kannada	250	140	Samara	RUS		7175	1300-1400	Vietnamese	250	180	Irkutsk	RUS
5970	1700-1900	Russian	250	65	Nauen	D		7175	1400-1500	Urdu	250	110	Krasnodar	RUS
5985	2000-0200	Spanish	50	181	Okeechobee	USA		7175	1500-1600	Urdu	250	110	Krasnodar	RUS
5985	0200-0300	English	50	181	Okeechobee	USA		7210	1900-2000	Spanish	250	295	Novosibirsk	RUS
5985	0300-0445	Spanish	50	181	Okeechobee	USA		7220	1900-2000	Arabic	250	120	Wertachtal	D Jan 1-
5985	0500-0600	Chinese	100	315	Okeechobee	USA		7240	1800-1900	Turkish	300	110	Skelton	G
5985	0600-0645	Cantonese	100	315	Okeechobee	USA		7295	1600-1700	Urdu	250	195	Novosibirsk	RUS
5995	1100-1200	Chinese	250	244	Petropavlovsk-Kamchat	RUS		7300	1900-2000	French	250	290	Krasnodar	RUS
5995	1200-1300	Chinese	250	244	Petropavlovsk-Kamchat	RUS		7300	2000-2100	French	250	290	Krasnodar	RUS
5995	1300-1400	Chinese	250	244	Petropavlovsk-Kamchat	RUS		7305	2100-2200	French	500	180	Wertachtal	D
5995	1400-1500	English	250	244	Petropavlovsk-Kamchat	RUS		7305	2200-2300	English	500	180	Wertachtal	D
6000	1900-2000	Italian	250	240	Moskva	RUS		7340	1400-1500	Nepali	250	224	Irkutsk	RUS
6000	0500-0600	Spanish	50	181	Okeechobee	USA		7340	1500-1600	Marathi	250	224	Irkutsk	RUS
6000	0600-0700	English	50	181	Okeechobee	USA		7345	1800-1900	English	250	188	Samara	RUS
6000	0700-0945	Spanish	50	181	Okeechobee	USA		7345	1900-2000	Arabic	250	188	Samara	RUS
6000	1000-1100	Spanish	100	160	Okeechobee	USA		7395	1800-1900	English	250	320	Talata-Volondry	MDG
6000	1100-1145	English	100	160	Okeechobee	USA		7395	1900-2000	English	250	320	Talata-Volondry	MDG
6005	1200-1300	Korean	250	213	Komsomolsk-na-Amur	RUS		7435	1700-1800	Russian	200	311	Tashkent	UZB
6010	2200-2300	French	500	195	Wertachtal	D		7435	1800-1900	Russian	200	311	Tashkent	UZB
6020	1400-1500	Telugu	250	140	Samara	RUS		7455	0100-0445	English	100	355	Okeechobee	USA
6020	1900-2100	English	50	255	Talata-Volondry	MDG		7455	0700-1100	English	100	315	Okeechobee	USA
6045	1700-1800	Amharic	250	225	Dhabbaya	UAE		7455	1100-1345	English	100	315	Okeechobee	USA
6045	1800-1900	English	100	15	Meyerton	AFS		7460	1200-1300	Vietnamese	100	225	Yunlin	TWN
6050	1800-1900	Romanian	100	100	Juelich	D		7475	1400-1500	Tamil	100	137	Dushanbe-Yangiyul	TJK
6070	1600-1700	Punjabi	300	110	Krasnodar	RUS		7485	1600-1700	Persian	250	131	Simferopol	UKR
6085	2300-2400	French	100	355	Okeechobee	USA		7485	1700-1800	Persian	250	131	Simferopol	UKR
6085	0000-0100	English	100	355	Okeechobee	USA		7490	1800-1900	German	300	305	Yerevan-Gavar	ARM
6085	1000-1600	Spanish	100	181	Okeechobee	USA		7490	1900-2000	German	300	305	Yerevan-Gavar	ARM
6085	1600-1700	English	100	181	Okeechobee	USA		7520	0100-0345	Portuguese	100	142	Okeechobee	USA
								7520	0400-0500	Russian	100	44	Okeechobee	USA



17535	1800-2145	English	100	315	Okeechobee	USA	17760	1400-1645	English	100	285	Okeechobee	USA
17555	1400-1500	Spanish	100	160	Okeechobee	USA	17760	1700-1800	German	100	44	Okeechobee	USA
17555	1500-1545	Spanish	100	160	Okeechobee	USA	17760	1800-1900	Italian	100	44	Okeechobee	USA
17555	1700-2145	English	100	285	Okeechobee	USA	17760	1900-1945	Arabic	100	44	Okeechobee	USA
17575	1700-2000	Portuguese	100	140	Okeechobee	USA	17810	1300-1400	Telugu	250	100	Dhabbaya	UAE
17575	2000-2100	English	100	140	Okeechobee	USA	18930	1600-1700	Italian	100	44	Okeechobee	USA
17575	2100-2200	French	100	140	Okeechobee	USA	18930	1700-1900	Spanish	100	44	Okeechobee	USA
17575	2200-2245	Portuguese	100	140	Okeechobee	USA	18930	1900-1945	Russian	100	44	Okeechobee	USA
17660	1830-1930	French	250	85	Ascension	ASC	18980	1600-1800	English	100	44	Okeechobee	USA
17690	1600-1700	English	100	87	Okeechobee	USA	18980	1800-1945	English	100	44	Okeechobee	USA
17690	1700-1800	Portuguese	100	87	Okeechobee	USA	21455	1600-1800	English	100	44	Okeechobee	USA
17690	1800-2000	French	100	87	Okeechobee	USA	21455	1800-1900	German	100	44	Okeechobee	USA
17690	2000-2100	Arabic	100	87	Okeechobee	USA	21455	1900-1945	French	100	44	Okeechobee	USA
17690	2100-2200	Portuguese	100	87	Okeechobee	USA	21680	1700-1800	English	250	85	Ascension	ASC
17690	2200-2245	English	100	87	Okeechobee	USA	21745	1600-1745	Russian	100	44	Okeechobee	USA
17735	1300-1400	Kannada	250	100	Dhabbaya	UAE							

(Nagoya DXers Circle, Aoki list website, Nov 27)

**UZBEKISTAN** - B-08 for CVC International via Tashkent:

English to India

0030-0230 7395 TAC 100 kW 153 deg

0230-0430 11650 TAC 100 kW 153 deg

0430-0930 15610 TAC 100 kW 153 deg

Hindi to India

0100-0400 9425 TAC 100 kW 131 deg

0000-0400 6260 TAC 100 kW 153 deg

0400-1100 13630 TAC 100 kW 153 deg

1100-1400 9500 TAC 100 kW 153 deg

1400-2000 6260 TAC 100 kW 153 deg

(DX MIX News, Nov 18)

**YEMEN** - 9780, Yemen R&TV Corp., San'a, 1812-1825, 7 Dec, English, news, western songs, feature about the Kor'an, Arabic music; 43343, adjacent QRM, mainly until 1830. Weak audio, very hard to read. (Carlos Gonçalves, Portugal, Dec 8, DXLD)

**ZAMBIA** - B-08 for Christian Voice via Lusaka:

English to South and Central Africa

0600-1700 6065 LUS 100 kW non-dir

1700-0600 4965 LUS 100 kW non-dir

English to West Africa and Nigeria

0400-0600 7160 LUS 100 kW 315 deg

0600-1400 13590 LUS 100 kW 315 deg

1400-1700 13650 LUS 100 kW 315 deg

1700-2200 9420\*LUS 100 kW 315 deg

\*co-ch Voice of Greece in Greek

(DX MIX News, Nov 18)

**ZANZIBAR** - RTZ, 11735, Friday Dec 5 at 1805, sounds like English as scheduled, with heavy accent, a few words recognizable, but also distracted by definite warble on unstable carrier, audible in AM mode and certainly with BFO on. Off-frequency Brazilian may also have been in the mix helping to audibilize the warble (Glenn Hauser, OK, DXLD)

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**Editor's info desk was closed on Saturday, December 13th, 2008, at 1700 UTC.**

**Please also see our website for German and English schedules , updated regularly.**

**Seasons Greeting, Merry Christmas and a Happy New Year!**

**Walter Eibl (we)**

\*\*\*\*\*

**Sources & Contributors:**

**A-DX** e-mail exchange - Austria

**Alokesh Gupta** - India

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

**CONEXION** CONEXION Digital - Buenos Aires, Argentina.

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

**Dr. Hans-Jörg Biener (hjb)** - Nuernberg, Germany



**DX MIX** Fortnightly edition of Radio Bulgaria's Frequency Management.

**RNMN** R. Netherlands Media Network ©.

Others as stated in contribution.

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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, BI = Biblis/Germany, BIH = Bosnia-Herzegovina, BLR = Byelorussia, BOT = Botswana, Br = Brandon/Aus, CAN = Sackville/Canada, CHN = China, CLN = Sri Lanka, CTR = Costa Rica, CYP = Cyprus, Du = Dushanbe/TJK, Dw = Darwin/Aus, ERV = Erivan/Armenia, F = Issoudun/France, Fl = Florida/USA, GAB = Gabon, GUF = French Guyana, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI = WHRI Cypress Creek/USA, IK = Irkutsk/ Siberia, J = Juelich, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), Kom = Koms-na-Amur, KOR = (South) Korea, Kra = Krasnodar, Kun = Kunming /CHN, Ku = Kununurra/Aus, KWT = Kuwait, LH = Lampertheim/DL, M = Moscow /Taldom, MCO = Monaco, MDG = Madagascar, MRA = Northern Marianas, N = Nauen, Nn = Nanning/CHN, NOR = Kvitsoy /Norway, Pan = Panaji/India, Pet = Petropavlovsk/ Sibiria, POR = Portugal, Qi = Qiqihar/ CHN, Ram = Rampisham/GB, RRW = Ruanda, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, Sam = Samara, SEY = Seychelles, Sh = Shepparton/Aus, Sim = Simferopol, Sk = Skelton/GB, SNG = Singapur, ST = Sao Tomé, STP = St. Petersburg/RUS, SVK = Slovakia, SW = Sweden, SWZ = Swaziland, Sz = Shijiazhuang/CHN, TH = Nakhon Sawan/ Thailand, TWN = Taiwan, UAE = Al Dubbaya /United Arab Emirates, UKR = Ukraine, 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

/USB = upper sideband, /LSB = lower sideband, (QRG) = alternative frequency

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## 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)

Antennas: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground  
DX-One Professional (only nighttimes)

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

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# DX LOGBOOK

## Logs around the clock

by Ashok Kumar Bose, Unit # 28, 7035, Rexwood Road, Mississauga, ON, L4T 4M6, Canada  
E-Mail: logbook@wwdxc.de

### MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
531.0	2150	444	SUI	DRS-Musigwalle	German	ID,Beromunster-Lied; TA,NX	1911	SG
531.0	2210	444	ALG	RTA Ain Beida	Arabic	Arab folk; ann; ID; talks	1911	SG
918.0	2130	554	SVN	Radio Slowenien	English	NX in E; 2134 NX in D	1211	SG
1134.0	2000	444	HRV	Voice of Croatia	German	ID,Ann.News	1211	SG
1170.0	2000	343	BLR	Radio Belarus	German	ID,ann; rpts	2211	SG
1179.0	0700	343	D	RFI via Antenne Saar	French	ID; ann; journal	2011	SG
1179.0	2230	444	S	Radio Sweden	English	ID,ann,NX	1711	SG
1215.0	0700	444	G	Virgin	English	ID,ann, review; rpts	1811	SG
1440.0	1700	444	LUX	RTL Radio	German	ID, Popoldies	1511	SG
1440.0	1730	444	LUX	KBS-WR via RTL	German	ID,ann; HBF	1511	SG
1458.0	1901	443	ALB	Radio Tirana	German	IS,ID,ann;NX; presse; HBF	2111	SG
1530.0	1920	454	CVA	Radio Vatikan	German	IS,ID,NX // 7250 5885 4005	2211	SG
1611.0	1940	443	CVA	Radio Vatikan	Spanish	IS,ID,ann; rel. Program	2211	SG

### SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2485.0	1236	211	AUS	VL8K St. Catherine	English	News,Weather for Alice Springs	2411	RAD
2850.0	1132	111	KRE	KCBS,Pyongyang	Korean	Talks and Music	2511	RAD
3200.0	0305	433	SWZ	TWR,Manzini	Ndebele	Religious talks	2411	RAD
3240.0	0305	433	SWZ	RWR,Manzini	Shona	Religious talks	2411	RAD
3335.0	1218	222	PNG	Radio East Sepik	English	Long talk,Music	2411	RAD
3385.0	1145	322	PNG	Radio New Britain	English	Island Music,NBC News	2411	RAD
3396.0	0120	111	ZWE	Radio Zimbabwe	Vernacular	Pop music	2411	RAD
3905.0	1125	111	PNG	Radio New Ireland	English	Island music,ID,Talk	2511	RAD
3955.0	1830	554	D	Radio HCJB via W'tal	German	ID, ann, HBF	1711	SG
3955.0	1900	554	G	RTI via Skelton	German	ID, ann; NX; KP; HBF	2111	SG
3955.0	2000	554	G	KBS-WR via Skelton	German	ID,NX, HE: Manfred Theile	1511	SG
3965.0	2100	454	F	RTI via Issoudun	German	ID;NX; Blickpunkt China	1011	SG
3985.0	2051	554	G	Stimme Vietnams	German	ID, HBF: Flusskreuzfahrten	1911	SG
4005.0	2329	343	CVA	Radio Vaticano	English	IS; ID; ann; NX	1611	SG
4319.0	2347	211	DGA	AFN,Diego Garcia	English	Political Affairs program,ID	2311	RAD
4699.4	0140	111	BOL	Radio San Miguel	Spanish	Talks,ID,Rustic vocals	2511	RAD
4746.9	2337	111	PRU	Radio Huanta 2000	Spanish	Talk,ID,Instrumental music	2311	RAD
4750.0	1135	111	INS	RR1,Makassar	Indonesian	ID,Jakarta News,Song of Coconut Is.	2511	RAD
4770.0	2257	111	NIG	Radio Nigeria	English	Sign off, Orchestra National Anthem	2311	RAD
4775.0	2302	111	PRU	Radio Tarma	Spanish	ID,Talk,Instrumental music	2311	RAD
4780.0	0308	222	DJI	Radio TV du Djibouti	French	Recitations	1810	RAD
4800.0	2345	444	CHN	CNR	Mandarin	rpt; ID // 9875 4820 6280	711	SG
4820.0	2345	444	CHN	CNR	Mandarin	rpt; ID // 9875 6280 4800	711	SG
4976.0	2155	211	UGA	Radio Uganda	Vernaculars	Tribal vocal jingles	2311	RAD
4985.0	0455	222	B	Radio Brasil Central	Portuguese	Talks,ID	1211	RAD
4990.0	0450	111	SUR	Radio Apintie	???	IDs,Romantic vocals	2511	RAD
5005.0	2204	222	EQG	Radio Nacional,Bata	Spanish	Continous pop vocals	2311	RAD
5010.0	0207	222	MDG	Radio Malagasy	Malagasy	Local vocals,Talks,ID	2411	RAD

5070.0	0315	344	USA	WWCR	English	ID; DX Party Line	2311	SG
5820.0	2200	241	MRA	RFA via IBB Tinian	Tibetan	ID in E; rpts; qrm CNR	1011	SG
5830.0	0000	544	UKR	RUI	German	IS,ID,ann;NX; Journal	811	SG
5830.0	1900	343	TJK	R. Prag via Dushanbe	Russian	IS,ID,ann;NX,rpts	2211	SG
5850.0	0230	444	USA	WHRA	English	ID; DX with cumbre	2311	SG
5850.0	2240	444	S	Radio Sweden	English	ID; rpt financial crisis // 1179	1711	SG
5855.0	2330	343	CLN	RFA-IBB-Iranawila	Viet	ID in E; rpts	711	SG
5860.0	1530	444	MRA	RFA-Relay	Korean	ID; rpts; US-Wahl; ID	3010	SG
5865.0	1759	554	S	Radio Schweden	Spanishwedis	IS, IDs; ann; NX	3010	SG
5885.0	2053	553	CVA	Radio Vatican	English	Feature on climate change	0212	RL
5900.0	0635	554	BUL	Radio Bulgarien	German	NX; WX; ID; Magie	2111	SG
5905.0	0407	211	G	Deutsche Welle via Woofferton	English	ID,News	2910	RAD
5910.0	2230	343	PHL	VoA-Relay	English	ID, NX; rpts Obama	1911	SG
5915.0	0345	222	ZMB	Radio Zambia	Vernaculars	Music,ID,News	1611	RAD
5925.0	1128	222	CHN	Voice of Zhonghua	Manadrin	Talks,Music segments	2411	RAD
5930.0	2240	543	CZE	Radio Prague	English	Magazine	2211	RL
5940.0	1730	554	RUS	Radio Prag via Krasnod	German	IS,ID,ann;NX; Kultur	2710	SG
5950.0	0200	433	TWN	WYFR via Taiwan relay	English	Features	1110	RL
5955.0	0800	444	D	RNW via W'tal	Dutch	IS,ID,NX,rpts // 11935 6035	2311	SG
5960.0	2145	554	ALB	CRI-Cerrik	English	Popmusic; ID; rpt // 7285	2111	SG
5965.0	1630	343	CLN	DW-Trincomale	English	ID, rpt Islam // 9560	2211	SG
5965.0	1230	444	D	Polskie Radio via W'tal	German	NX; Krakau; HBF // 5975	2610	SG
5970.0	0215	222	AUT	AWR via Moosbrun	Punjabi	ID,Program	0811	RAD
5970.0	1600	554	ALB	CRI via Cerrik	German	IS,ID,NX, HBF	2610	SG
5970.0	2030	554	ROU	RRI	Spanisherbian	IS,ID,ann;NX	2111	SG
5970.0	2030	241	D	Polskie Radio via Jülich	German	blocked by RRI	2111	SG
5975.0	0500	444	G	NHK-World	English	IS,TS,ann; NX; ID; rpt // 6110	2711	SG
5975.0	1230	444	D	Polskie Radio via W'tal	German	NX; Krakau; HBF // 5965	2610	SG
6000.0	0330	344	CUB	RHC	English	ID,NX, Dxers unlimited	2311	SG
6005.0	0150	243	CAN	CRI	English	rpt;ID;website -no SLBC!-	2311	SG
6005.0	0630	343	ASC	BBC-Relay	English	ID, NX; rpt UN	2111	SG
6005.0	1120	444	D	Radio 700 Kall-Krekel	German	ID; Schlager; Jingle-Ids	911	SG
6010.0	0330	343	CAN	Radio Sweden	English	ID,ann;NX; rpts	2311	SG
6010.0	1900	443	ALB	Radio Tirana	Spanisherbian	IS,ID,ann;NX	2111	SG
6010.0	1930	454	IRN	IRIB	English	IS,ID,NA,ann; // 7320 6115	2111	SG
6015.0	2343	322	ROU	RRI	English	Living Romania	2810	RAD
6020.0	2250	454	CHN	CRI	Spanish	rpt music; ID; folklore	1611	SG
6035.0	0400	222	G	Deutsche Welle via Skelton	Arabic	ID,News	2910	RAD
6035.0	0110	222	CLM	La Voz del Guaviare	Spanish	Latin vocals,ID's,Oldies English songs	1011	RAD
6035.0	0100	343	BHU	BBS	VN	ID,ann; tempelsongs	2311	SG
6035.0	0659	454	F	RNW via Issoudun	Dutch	IS,ID,ann;NX	2111	SG
6035.0	0800	343	D	RNW via W'tal	Dutch	IS,ID,NX,rpts // 11935 5955	2311	SG
6040.0	2355	333	MDA	Radio PMR	German	News	2210	RAD
6040.0	2245	554	RUS	RNW via Armavir	Dutch	rpt filmindustry; ID	1611	SG
6045.0	1000	554	D	Hamb. Lokalradio	German	Nebelhorn; ID; klass. Mx	211	SG
6055.0	2047	211	RRW	Radio Rwanda	French	Pop vocals	2510	RAD
6055.0	1000	554	D	Christl. Wissen	German	ID; Kinder	211	SG
6055.0	1430	454	SVK	RSI	German	IS,ID,ann;NX; Historie	3010	SG
6055.0	2215	454	LTU	KBC via Sitkunai	English	ID,adv;Popmusic;ID	2111	SG
6055.0	0024	533	E	REE,Madrid	English	Soup to nuts	2710	RL
6060.0	0345	444	CUB	RHC	Spanish	ID; rpts commerciales	2311	SG
6070.0	2240	343	ROU	RRI	Spanish	rpt,ann,ID; HBF	1611	SG
6075.0	2050	454	UAE	DW via Dhabayya	German	ID; Kulturreport	1011	SG
6075.0	2300	454	POR	DW-Sines	German	ID; NX; Sport; D-Plus	811	SG
6080.0	0342	452	CAN	Radio Prague	English	The Arts	1110	RL
6080.0	2010	443	STP	VoA-Relay	English	ID; VoA-African-Beat // 11975	2111	SG
6089.9	2037	222	NIG	Radio Nigeria,Kaduna	Hausa	Drums,ID,News	2110	RAD
6100.0	1800	454	CHN	CRI	English	ID,NX,rpts // 7110	2111	SG
6100.0	2100	444	SRB	Radio Serbien	German	NX;ID; rpt; tourism	2111	SG
6105.0	0815	443	D	TWR	English	IS,ID,ann;books // 9800	2211	SG
6110.0	0500	241	CAN	NHK-World	English	IS;TS;ann;NX // 5975	2711	SG
6110.0	2230	343	G	BBC-WS via Skelton	English	ID,NX;ID; rpts // 6155	1611	SG

6115.0	2145	533	ROU	RRI	English	Report of the Day,Drugs and addicts	711	RL
6115.0	1930	554	LTU	IRIB via Sitkunai	English	IS,ID,NA,ann; // 7320 6010	2111	SG
6120.0	0640	343	D	RNW via Nauen	Dutch	rpt; talks; phone; ID	2111	SG
6130.0	1147	111	LAO	Lao National Radio	Laotian	Talk,Music,seven gongs,News	2511	RAD
6140.0	0200	343	CUB	RHC	English	ID,NX,ID,rpts // 6000	2311	SG
6140.0	1300	444	D	MV-Baltic Radio	German	SS zum Jub Mauerfall	911	SG
6145.0	0126	443	ROU	RRI	English	DX Mailbag	212	RL
6150.0	1214	111	ALS	KNLS,Anchor Point	English	IDs,Features	711	RAD
6150.0	0307	433	ROU	RRI	English	Radio Newsreel	1110	RL
6155.0	0700	554	AUT	Ö1 International	German	ID, WX; NX; rpts	311	SG
6155.0	2230	343	AFS	BBC-WS via Meyerton	English	ID,NX,ID,rpts // 6110	1611	SG
6165.0	0100	443	TUR	RCI via Emirler, Turkey	English	ID,ann;NX; market	811	SG
6165.0	2000	554	HRV	Stimme Kroatiens	German	ID,ann,NX // 1134	2710	SG
6165.0	2215	343	TCD	RNT	French	ID,ann; Afropop	1611	SG
6170.0	1320	553	NZL	Radio New Zealand Intl.,	English	Dateline Pacific & Spectrum	1711	RL
6175.0	0240	344	CAN	VoVietnam	English	NX;ID;press; rpt school	2311	SG
6180.0	1753	332	LTU	IRIB via Sitkunai	German	ID,ann; HBF	2610	SG
6190.0	1016	454	D	DLR Berlin	German	Seewetterbericht; ID	811	SG
6200.0	2240	454	BUL	Radio Bulgaria	English	ID; DX-program	2111	SG
6200.0	0118	553	CZE	Radio Prague	English	The Arts	1110	RL
6205.0	1730	454	IRN	IRIB	German	ID,Koran;NX;cmt; HBF	1611	SG
6225.0	1415	343	UZB	WYFR via Tashkent	English	Bible bc; ann; ID	3110	SG
6240.0	2125	554	MDA	WYFR via Moldowa	English	Bible bc; ann; ID	811	SG
6240.0	2314	555	MDA	Radio PMR	English	IS,ID,ann,NX; adr	1711	SG
6250.4	2201	433	EQG	Radio Nacional,Malabo	Spanish	ID,Highlife vocals	2411	RAD
6255.0	1900	454	EGY	Radio Kairo	German	ID,Vorschau,rpt,NX	2610	SG
6280.0	2345	444	CHN	CNR	Mand	rpt; ID // 9875 4820 4800	711	SG
6285.0	1900	443	KRE	Stimme Koreas	German	IS,NA,ID,ann;NX // 9325	1911	SG
7105.0	1630	241	MCO	Polskie Radio Relay	German	ID, ann; NX; HBF	2610	SG
7105.0	2326	553	ROU	RRI	English	Network Europe	112	RL
7110.0	1800	443	CHN	CRI-Beijing	English	ID, ann, NX; ID // 6100	2111	SG
7110.0	2052	222	ETH	Radio Ethopia	Amharic	Talks,Horn of Africa vocals	2510	RAD
7120.0	0010	544	POR	DW-Sines	German	rpt Baustelle; ID	811	SG
7125.0	1900	444	ROU	RRI	German	IS,ID,ann; NX // 9525	1911	SG
7130.0	0600	554	POR	RDP Internacional	Portug	TS,ID,NX,ID; rpts	2011	SG
7135.0	2100	444	BLR	Radio Belarus	English	News,Music,Id's	1211	BB
7140.0	2000	454	ROU	RRI	French	IS,ID,ann;NX	1911	SG
7145.0	2144	543	ROU	RRI	English	Winter Sports	2011	RL
7155.0	1600	543	ALB	CRI via Cerrik	German	IS,ID,NX,HBF	2610	SG
7175.0	0700	444	ROU	RRI	German	IS,ID,Funkjournal; Wirtschaft	2111	SG
7180.0	0630	554	ROU	RRI	English	ID,ann;NX; rpt; popmusic	2011	SG
7190.0	2020	454	CHN	CRI	English	Popmusic; ID; rpt // 9600	2111	SG
7200.0	1700	442	BIH	Radio Serbien	German	IS,ID,ann,NX	2610	SG
7205.0	1700	444	CHN	CRI-Beijing	English	ID,ann,NX	2610	SG
7205.0	1858	555	TUR	Stimme der Türkei	German	HBF: Gew. Monatsfrage; ID	2611	SG
7220.0	1250	211	VTN	Voice of Vietnam	Vietnamese	Instrumental music,Talks in English	2511	RAD
7220.0	2310	443	PHL	VoA-Relay	English	NX,ID,rpt inflation // 7265	1711	SG
7230.0	2230	443	THA	VoA-Relay	English	ID; NX in special English	1711	SG
7230.0	0123	553	SVK	Radio Slovakis Intl.,	English	Listener's Preview	2710	RL
7240.0	1908	454	RUS	VoRussia-WS	English	NX;ID;rpts // 7240	2211	SG
7250.0	1228	111	BAN	Radio Bangladesh Betar	???	IS,Flutes,News	2511	RAD
7250.0	1920	443	CVA	Radio Vatikan	German	IS,ID,NX // 5885 4005 1530	2211	SG
7265.0	2310	444	PHL	VoA-Relay	English	NX,ID,rpt inflation // 7220	1711	SG
7275.0	1845	554	E	REE	Spanish	ID; phone-talks	2111	SG
7280.0	1915	443	VTN	VoVietnam	English	cmt;ID;music-show // 9730	2211	SG
7285.0	0015	343	CLN	DW-Trincomale	German	DW-Sport; ID	811	SG
7285.0	2145	454	ALB	CRI-Cerrik	English	Pop;ID;rpt festival // 5960	2111	SG
7290.0	1908	443	RUS	VoRussia-WS	English	NX;ID;rpts // 7240	2211	SG
7300.0	1700	444	RUS	Stimme Russlands	German	ID;NX; Live Auslandsrundfunk	2611	SG
7305.0	0650	544	MDA	RNW via Kishinev	Dutch	ID, rpts football; ID; c/d	2111	SG
7320.0	1930	554	IRN	IRIB	English	IS,ID,NA,ann; // 6115 6010	2111	SG
7325.0	0140	443	CLN	VoA-Relay	English	global financial crisis; ID	2311	SG

7325.0	2354	533	LTU	Radio Vilnius	English	Fir tree	1411	RL
7330.0	2130	444	RUS	VoRussia-WS	English	ID,ann,rpt; classic music	2111	SG
7335.0	0507	533	GUF	Voice of Russia	English	A to Z Encyclopedia	1711	RL
7335.0	1252	242	CAN	CHU	French	F/E-Ids; TS; TA // 14670	2311	SG
7345.0	2328	533	CZE	Radio Prag	English	News,Current Affairs	212	RL
7345.0	1430	554	SVK	RSI	German	IS,ID,ann; NX; Tatra	3010	SG
7355.0	0800	131	ALS	KNLS	English	IS, IDs; ann; prayer // 9615	2211	SG
7360.0	0900	454	ALB	Radio Tirana	Albanian	IS,ID,ann;NX	2810	SG
7360.0	1900	444	BLR	Radio Belarus	German	IS,ID,NX // 7390	2710	SG
7370.0	1515	554	MDA	PMR-Tiraspol	English	IS,NA,ID,NX; ab 1530 F	2910	SG
7375.0	0302	553	D	Voice of Croatia via Juleich relay	English	News,Sports	2710	RL
7380.0	1730	554	IRN	IRIB	German	ID; Koran; NX; HBF	211	SG
7390.0	1900	443	BLR	Radio Belarus	German	IS,ID,NX // 7360	2710	SG
7395.0	0145	444	UZB	CVC	English	pop; bible; ID; popmusic	2311	SG
7400.0	0630	454	BUL	Radio Bulgarien	German	IS,ID,NX, rpts	2810	SG
7410.0	2044	444	IND	AIR	English	IS,ID,ann,NX // 9445	2111	SG
7415.0	2332	453	USA	WBCQ	English	World of Radio # 1429	910	RL
7445.0	2121	433	AFS	BBC WS	English	Program	711	RL
7455.0	0116	553	USA	WYFR	English	Tears and Faith	1511	RL
7465.0	1945	443	ALB	Radio Tirana	English	IS,ID,ann,NX // 11645	2710	SG
7465.0	2031	232	ALB	Radio Tirana	German	IS,ID,ann,NX; presse	1811	SG
7465.0	2159	343	USA	WWCR-Nashville	Spanish	lds E+ S, DX: frecuencia al dia	2111	SG
7490.0	1800	554	ARM	WYFR via Yerevan	German	IS,ID,ann; relig. Lieder	2610	SG
7510.0	2018	454	UKR	RUI	English	ID; DX-program	2211	SG
7510.0	2103	452	ALB	Radio Tirana	English	News Bulletin	1411	RL
7550.0	2300	443	KWT	RFA-IBB-Kuwait	Tibetan	ID in E; rpts; RFA-IDs	711	SG
7730.0	0500	343	USA	WYFR	German	IS,ID,relig	2810	SG
9265.0	0100	222	USA	WINB,Red Lion	English	Overcmer Ministry	1110	RL
9290.0	1400	554	LVA	MV-Baltic Radio	German	D/E; SS kleine Beatmusik	911	SG
9325.0	1900	343	KRE	Stimme Koreas	German	IS,NA,ID,ann;NX // 6285	1911	SG
9330.0	1800	444	SYR	Radio Damaskus	German	ID;NX; HBF; cmt; Presse	511	SG
9345.0	1416	211	UZB	Radio Nederlands via Tashkent relay	English	Newsline	2411	RAD
9345.0	1315	343	PHL	VoA-Relay	English	Jazz America; ID // 9760	2311	SG
9345.0	2103	452	ALB	Radio Tirana	English	News Bulletin	1411	RL
9385.0	2145	443	MRA	RFA-Relay	Korean	Rpts; ID; ann; mx; c/d	211	SG
9425.0	1544	433	IND	All India Radio	English	Spotlight	2710	RL
9435.0	2225	322	PHL	FEBC Radio Intl.,	Indonesian	ID,Religious program	2411	RAD
9445.0	2044	444	IND	AIR	English	IS,ID,ann,NX // 7410	2111	SG
9455.0	1700	454	POR	RDP Internacional	Portug	ID,ann; rpts	2610	SG
9500.0	0520	343	SWZ	TWR-Manzini	English	Lord Jesus Christ; ID	2711	SG
9515.0	0100	433	ROU	RRI	English	Radio Newsreel	611	RL
9525.0	2158	553	USA	WHRI	English	Call to Worship	2211	RL
9525.0	1300	342	INS	VoIndonesia	English	IS,ID,ann;NX	2311	SG
9525.0	1900	241	ROU	RRI	German	IS,ID,ann; Funkjournal	2611	SG
9525.0	1902	454	SWZ	TWR-Manzini	VN	IS,lds in E; bible; RRI on coch	2611	SG
9535.0	2040	343	THA	Radio Thailand	English	rpt tourism; ID	2111	SG
9545.0	0020	343	ASC	DW via Ascension	German	DW-Sport; ID	811	SG
9545.0	0600	343	G	DW via Woofferton	German	ID,NX, rpt Atomkraft	3110	SG
9550.0	2310	343	CUB	RHC	English	ID; music; ID; rpt mafia	2111	SG
9560.0	1325	343	AUS	Radio Australia	English	rpt crisis; pop; ID // 9590	2311	SG
9560.0	1630	444	CLN	DW-Trincomale	English	ID, rpt Islam // 5965	2211	SG
9575.0	0630	444	MRC	Medi 1	French	ID; rpts Congo	3110	SG
9590.0	1325	343	AUS	Radio Australia	English	rpt crisis; pop; ID // 9560	2311	SG
9600.0	2020	454	CHN	CRI	English	Popmusic; ID; rpt // 7190	2111	SG
9610.0	2322	553	ROU	RRI	English	Report 80th Year Public Radio	611	RL
9615.0	0800	15321	ALS	KNLS	English	IS, IDs; ann; prayer // 7355	2211	SG
9615.0	1800	554	CHN	CRI	German	IS,ID, NX, HBF	2311	SG
9625.0	0900	243	J	NHK-World	English	IS,ID,ann;NX // 9825	2211	SG
9625.0	2130	444	GUM	AWR-KSDA, Agat	English	IS,ID,ann; bible	1911	SG
9635.0	1500	454	CHN	RCI-Relay Xia	English	ID; NX; Maple Leaf Mailbag	911	SG
9635.0	2300	232	CHL	Voz Christiana - CVC	Spanish	ann, ID; rpts; LA-music	2511	SG
9640.0	0040	444	CAN	RCI-Sackville	Spanish	ID; radio comunicarlés	811	SG

9640.0	2030	444	GUF	Polskie Radio	German	ID;ann; NX; ID; cmt // 5970	2111	SG
9640.0	2210	454	CHN	CRI	Spanish	rpt politicos; reformas; ID	1711	SG
9660.0	0740	222	AUS	Radio Australia	English	World Financial Crisis	1211	BB
9665.0	2045	533	E	REE, Madrid	English	Language Lessons	910	RL
9670.0	0100	343	D	RFA via Wertachtal	Tibetan	ID in E; RFA-ID; opening mx	811	SG
9685.0	1500	444	D	VoA via Lampertheim	English	ID,NX; bordercrossings	3010	SG
9690.0	0700	554	ROU	RRI	German	Funkjournal; ID // 7175	2111	SG
9705.0	2245	443	NGR	LV du Sahel	VN	Afropop; ann, ID, NA; c/d	2511	SG
9710.0	0930	554	LTU	Radio Vilnius	English	IS,ID,NX; rpt transport system	411	SG
9720.0	1000	554	RUS	Stimme Russlands	German	IS,ID,NX, rpts	3110	SG
9730.0	2046	443	VTN	Voice of Vietnam	English	ID,ann; letterbox	1911	SG
9730.0	2256	444	PHL	FEBC-Manila	VN	IS; lds in E; opening; rpts	2111	SG
9755.0	2153	543	ROU	RRI	English	Report of the Day, Drugs and addicts	711	RL
9755.0	0045	243	CAN	RCI-Sackville	English	ID; talks corruption	811	SG
9760.0	2300	221	JAP	Radio Nikkei	Japanese	ID, Continuous pop vocals	2411	RAD
9760.0	1315	343	PHL	VoA-Relay	English	Jazz America; ID // 9345	2311	SG
9765.0	0855	343	NZL	RNZI	English	rpt on books; ann; ID; NX	2311	SG
9770.0	0515	343	F	NHK-World	English	rpt UN-missions; ID	2711	SG
9780.0	0230	232	EOA	HCJB	German	ID, adr; Lieder	211	SG
9780.0	2230	444	PHL	VoA-Relay	English	special E; ID;NX; health-rpt	2511	SG
9785.0	1600	343	F	RTI via Issoudun	English	ID,ann; NX; cmt	2611	SG
9800.0	0815	241	D	TWR	English	IS,ID,ann;books // 6105	2211	SG
9810.0	1234	322	THA	Radio Thailand	English	News,ID	2511	RAD
9815.0	1159	454	POR	RDP Internacional	Portug	Popmx; TS; ID; // 17745	3010	SG
9825.0	0900	342	J	NHK-World	English	IS,ID,ann;NX // 9625	2211	SG
9835.0	2200	241	MRA	RFA via IBB Tinian	Tibetan	ID in E; rpts; qrm CNR	1011	SG
9835.0	2230	343	D	RFA-IBB-Lampertheim	Tibetan	RFA-ID; rpts Taiwan	711	SG
9870.0	1530	433	IND	All India Radio, Bangalore	English	Bollywood Music	2610	BB
9875.0	1307	242	J	NHK-World	English	IS,ID,ann; NX	3110	SG
9875.0	2345	444	CHN	CNR	Mand	rpt; ID // 6280 4820 4800	711	SG
9880.0	0030	232	CHN	RCI via Relay Kun	English	ID; rpt technology	811	SG
9880.0	1100	554	CZE	Radio Prag	German	ID,NX, Tagesecho	3110	SG
9885.0	0845	343	ATN	DW via Bonaire	German	Literatur; ID; music	2311	SG
9895.0	0830	454	S	RNW via Hörby	Dutch	ID; rpts EU; talks	2311	SG
9895.0	2040	444	MDG	Radio Sweden Relay	English	social talks; ann; ID	1911	SG
9955.0	0700	555	USA	Radio Prague via WRMI	English	Mailbox	1211	BB
9970.0	1345	343	BEL	RTBF	French	chansons; ID; talk	2311	SG
9975.0	1353	343	GUM	TWR-Agana	English	IS,ID,ann; way of life	3110	SG
9980.0	1730	343	GUM	AWR-KSDA, Agat	English	IS,ID, bible; Wavescan	911	SG
11092.5	2302	342	SHN	Radio St. Helena	English	Music an Eagle, Joy to the World	1511	SG/RL
11540.0	1420	343	S	Radio Schweden	Swedish	Rpts; sport; ID,IS; c/d	111	SG
11565.0	2000	242	USA	WYFR	German	IS,ID,ann; Lieder	2610	SG
11590.0	1115	343	KWT	RFA-Relay	Tibetan	ID, Washington Post	3110	SG
11605.0	1000	443	D	RFA-IBB-Lampertheim	Tibetan	IS; ID in E; RFA-ID; rpts	811	SG
11605.0	2015	454	RRW	DW-Kigali	German	Live-rpt Fussball D-England;ID	1911	SG
11615.0	1630	443	F	RFI	English	Mission Paris European Union	2411	RL
11645.0	1945	444	ALB	Radio Tirana	English	IS,ID,ann,NX // 7465	2710	SG
11660.0	0830	554	POR	RDP Internacional	Portug	ID, ann; popmx	3110	SG
11690.0	2130	553	D	Deutsche Welle	English	Hits in Germany	2810	RL
11705.0	1400	343	CAN	NHK-World	English	ID,ann;NX; Hello from Tokyo	2511	SG
11710.0	1130	554	G	NHK-World	Russianu	ID,ann;NX; rpt roboter	3110	SG
11730.0	1228	243	PHL	VoA-Relay	English	Rpts US-election; ID	3110	SG
11735.0	1721	322	ROU	RRI	English	ID, Romanian Composer Feature	1810	RAD
11735.0	1957	443	TZA	RT Zanzibar	VN	Afropop; TS; ID; rpts Islam	2111	SG
11750.0	0730	242	AUS	HCJB Australia	English	ID; DX-Party Line	2211	SG
11750.0	1945	454	AFS	AWR via Meyerton	Ibo	bible, ID, adr, mail, bible	2111	SG
11760.0	0740	343	OMA	BBC-Relay	English	rpt on Popmusic; ID // 11765	2211	SG
11765.0	0740	444	OMA	BBC-Relay	English	rpt on Popmusic; ID // 11760	2211	SG
11780.0	1359	342	G	NHK-World	English	IS,ID,NX, Hello from Tokyo	2511	SG
11785.0	1400	454	CHN	CRI	Mand	IS,ID,ann; rpts	2511	SG
11785.0	2050	444	INS	Voice of Indonesia	English	Pop; ID; adr; qrg; ID; Japanese	2111	SG
11805.0	1840	444	CVA	RCI-Relay	English	ID, website; Pop; adr	2611	SG

11815.0	2035	343	B	Radio Brasil Central	Portug	Jingle-ID; ann; rpt copa	1911	SG
11840.0	0800	343	GUM	KTWR-Agana	English	IS,ID,ann; salvation	2211	SG
11855.0	2029	444	ASC	BBC-Relay	Portug	IS,ID,ann;review; NX	1911	SG
11870.0	1203	211	THA	Radio Thailand	Malay	Talks,Instrumental music	511	RAD
11875.0	1814	332	CVA	RCI via Vatican relay	English	Maple Leaf Mailbag	2610	RL
11935.0	0800	443	D	RNW via W'tal	Dutch	IS,ID,ann,NX // 6035 5955	2311	SG
11940.0	1200	555	ROU	Radio Rumänien Int.	German	IS,ID,NX; HBF	2311	SG
11975.0	1530	232	CHN	RCI-Relay Uru	English	ID; Maple Leaf Mailbag	911	SG
11975.0	2010	443	BOT	VoA-Relay	English	ID; VoA-African-Beat // 6080	2111	SG
11985.0	0240	211	IND	All India Radio,Bengaluru	Kannada	News,Music	2411	RAD
11990.0	1830	444	KWT	Radio Kuwait	English	ID;NX;stock exchange;ID	2611	SG
12005.0	0615	232	RRW	DW-Kigali	German	Rpt Atomkraft; Id	3110	SG
12035.0	1330	554	TUR	Voice of Turkey	English	IS,ID,ann; NX	3110	SG
12065.0	0830	343	MRA	RNW via Saipan	Dutch	ID; rpt EU	2311	SG
12085.0	1030	342	MNG	Voice of Mongolia	English	ID;ann;NX;rpts; folklore	811	SG
12105.0	0700	242	GRC	Voice of Greece	English	IS,ID,ann; NX; press	711	SG
12105.0	0930	343	GUM	TWR-Agana	Mand	IS,ID,ann; female prayer	311	SG
12140.0	1400	343	KWT	RFA-Relay	Viet	ID,ann; US-Wahl	111	SG
12150.0	1400	343	CLN	VoA-Relay	English	ID, US-election	3110	SG
13635.0	1245	343	AUS	CVC	English	Pop; ID; adresses	3110	SG
13650.0	1400	343	ZMB	CVC	English	Popmusic; Jingle-ID	2311	SG
13650.0	1840	444	CAN	RCI-Sackville	English	Indo-Canadian-relationship;ID	2611	SG
13660.0	1200	343	NZL	RNZI	English	ID,NX;ID; review; popmusic	2311	SG
13665.0	1215	554	CHN	CRI	English	Rpts; ID; rpts	3010	SG
13675.0	1600	443	CAN	Ö1 via Sackville	German	ID;NX; Wissen aktuell	2910	SG
13675.0	1614	443	CAN	Radio Austria Internat.	English	IS,ID; NX;rpt from Austria	2910	SG
13710.0	1500	333	ARS	BSKSA	Arabic	Sign On,Koran	2610	BB
13720.0	1210	554	E	REE	Spanish	ID; rpt futbol	3010	SG
13720.0	1528	444	ALB	Radio Tirana	English	IS,ID,ann; NX	2910	SG
13730.0	1310	222	AUT	Radio Austria Intl.,	German	Classical music	1810	RAD
13780.0	1045	554	G	DW via Woofferton	German	ID; rpt Musikfestival	3110	SG
13780.0	1200	443	POR	DW-Sines	German	ID, NX; US-Wahl	3110	SG
13780.0	1545	444	CLN	DW-Trincomale	German	ID; rpt Streubomben	2910	SG
13790.0	1210	454	CHN	CRI	English	Rpts; ID	3110	SG
13840.0	1220	343	NZL	RNZI	English	NZL-tonight; rpts; ID	3110	SG
14670.0	1252	243	CAN	CHU	French/Englis	TS; TA // 7335	2311	SG
15085.0	0730	444	IRN	IRIB	German	IS,NA,ID,Koran	2910	SG
15100.0	1100	443	PAK	Radio Pakistan	English	TA,TS,ID; NX; NA // 17835	811	SG
15120.0	0715	443	NIG	Voice of Nigeria	French	ID, rpt Kenya; ID	711	SG
15120.0	1100	343	CLN	RFA-IBB-Iranawila	Lao	ID,ann; rpt Washington	811	SG
15120.0	1130	232	MRA	RFA-IBB-Saipan	Lao	ID; rpt Hanoi; Obama	811	SG
15140.0	1000	342	D	RFA-IBB-Lampertheim	Tibetan	IS; ID in E; RFA-ID; rpts	811	SG
15125.0	0730	443	CHN	CRI	English	ID, NX; sports; ID; rpts	711	SG
15135.0	0700	554	CHN	CRI	Spanish	ID,ann;NX; rpts comercial	1811	SG
15190.0	1205	243	CLN	VoA-Relay	English	news-rpts; ID	711	SG
15215.0	1200	242	UAE	FEBA	Tibetan	IS,ID,ann; Folklore	711	SG
15215.0	1258	242	D	NHK-World	Beng	IS,TS,opening-mx,ID,NX	2511	SG
15220.0	0715	554	CHN	CRI	French	ID, rpt economique; ID	1811	SG
15230.0	1300	343	CAN	CRI via Sackville	English	ID,ann; NX	3110	SG
15245.0	0720	554	CHN	CRI	German	ID; rpt Konzert	1811	SG
15250.0	1045	342	ARS	BSKSA-Riyadh	English	ID; rpts globalism; islamism	811	SG
15260.0	1130	242	GUM	AWR-KSDA, Agat	English	IS,ID,ann; bible; Wavescan	911	SG
15275.0	1410	454	RRW	DW-Kigali	German	ID;NX; Wirtschaft	3110	SG
15320.0	0530	343	IRN	IRIB	Spanish	IS,ID,ann;Koran;NX	2111	SG
15345.0	2000	232	ARG	RAE	German	IS,ID,ann; MX; NX	2710	SG
15365.0	1814	332	CVA	RCI via Vatican relay	English	Maple Leaf Mailbag	2610	RL
15395.0	1230	242	F	NHK-World	French	ID,ann; NX; ID; rpts	711	SG
15400.0	0725	344	ASC	BBC-Relay	English	high-jacking; ID; Somalia	1811	SG
15410.0	0620	232	RRW	DW-Kigali	German	EU-Energiesparen; ID	2111	SG
15425.0	0630	554	IRN	IRIB	French	IS,ID,ann,Koran;NX,cmt	1811	SG
15440.0	1830	444	POR	DW-Sines	German	ID,NX, Wirtschafts-rpt	2910	SG

15476.0	1958	211	ATA	Radio Nacional Arcangel, San Gabriel - LRA36	Spanish	ID's,Talks,Music	2411	RAD
15495.0	1200	332	D	AWR via Wertachtal	English	IS,ID,ann; bible; Wavescan	911	SG
15540.0	1000	554	RUS	Stimme Russlands	German	IS,ID,NX, Infomagazin; HBF	1811	SG
15540.0	1250	343	AUS	HCJB-Australia	English	ID, adr; ann; ID; Jesus	1311	SG
15580.0	0625	243	BOT	VoA-Relay	English	rpts; ID; review	2111	SG
15585.0	1230	554	E	REE	Spanish	Futbol Argentina; ID	1311	SG
15610.0	1030	243	CLN	DW-Trincomale	German	ID, NX, rpt Musikfestival	3110	SG
15640.0	1415	454	POR	DW-Sines	German	Finanzkrise; ID	3110	SG
15700.0	1240	554	BUL	Radio Bulgarien	English	ID; DX-Corner	911	SG
15745.0	1420	243	D	CVC	English	rpt family; ID; popmx	411	SG
15825.0	2059	452	USA	WWCR,Nashville	English	Real Radio	711	RL
17585.0	1200	444	UAE	NHK-World	English	ID, NX; rpt nuclear program	711	SG
17590.0	0745	444	IRN	IRIB	German	ID; NX; cmt	2910	SG
17660.0	1400	454	ARS	BSKSA-Riyadh	French	ID,NX; rpt Islam	311	SG
17700.0	1230	554	TUR	Stimme der Türkei	German	IS,ID,NX,Presse; HBF	1911	SG
17715.0	1415	343	BOT	VoA-Relay	English	ID; rpts; ID; NFL // 17750	1811	SG
17720.0	0700	454	CHN	CRI	German	ID,ann;NX; wdh. HBF	2111	SG
17725.0	1400	433	LBY	Voice of Africa	English	IDs,Drums,Talks	2411	RL
17745.0	1200	454	POR	RDP Internacional	Portug	Popmx; ID; rpt // 9815	3010	SG
17750.0	1415	343	AFS	VoA-Relay	English	ID; rpts; ID; NFL // 17715	1811	SG
17760.0	1700	242	USA	WYFR	German	IS,ID,ann; Lied	2610	SG
17770.0	1100	243	ASC	DW via Ascension	German	ID,NX; c/d 1159	3010	SG
17835.0	1100	544	PAK	Radio Pakistan	English	TA,TS,ID; NX; NA // 15100	811	SG
17835.0	1215	354	EGY	Radio Cairo	English	ID,ann; folklore	711	SG
21470.0	1205	243	SEY	BBC-Ind.Ocean Relay	English	Hurrican Paloma; ID; rpt child	811	SG
21505.0	1218	454	ARS	BSKSA-Riyadh	Arabic	Korangesang; ID // 21640	811	SG
21540.0	1415	243	E	REE	Spanish	rpt telefon; ID // 21570 21610	1411	SG
21570.0	1410	344	E	REE	Spanish	rpt telefonio; ID // 21610	1411	SG
21580.0	1224	243	F	RFI	French	rpt Congo; ID; hp; talks	1411	SG
21610.0	1400	343	E	REE	Spanish	ID,ann;NX; rpts victoria // 21570	1411	SG
21620.0	1200	243	F	RFI	English	ID,ann;NX	811	SG
21640.0	1400	454	ARS	BSKSA-Riyadh	Arabic	ID,ann; NX; ID; rpts	311	SG
21655.0	1210	444	POR	RDP Internacional	Portugese	Popmusic; ID	811	SG
21780.0	1212	343	UAE	DW via Dhabayya	French	journal; Congo; press; ID	811	SG

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### **Thanks a lot to our club members for your contributions:**

BB : Bruce Barker, Broomall, PA, USA. NRD 535D with longwire.

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 random longwire antennas.

SG : Siegbert Gerhard, Frankfurt, Germany. Yaesu FRG 7700 & 2 x 10m Long and Multiband Dipole via FRT 7700.

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Dear Friends,

Welcome to the final edition of Logbook for the year 2008. This time we have jumbo edition partly due to the 300 plus loggings from OM Siegbert Gerhard.

I would request all our new contributors to adhere the format used in our Logbook to submit your contributions as far as possible. In case any body requires the Word Format blank document please email me and I will send it to you.

With internet radios coming up in the market the uncertainties of the ionosphere will no longer restrain our listening habits of our favorite radio stations. With that thought let us welcome the New Year 2009.

*Wishing you all Merry Christmas and a Very Happy New Year 2009,*

*Ashok Kumar Bose*



# QSL CORNER

Editor: Kanwar Sandhu, 416-1175 Leila Avenue, Winnipeg, Manitoba, R2P 2Y1, CANADA

Country	Station	Freq	Days	Remarks	OM
ARGENTINA	RAE Buenos Aires	15345	165	FD Card stickers, RR forms and letter from Rayen Braun	GKL
ASCENSION IS	WYFR Family Radio	11875	235	FD Card "1973 - Three Decades of faithful Service - 2003"	RDA
AUSTRALIA	Radio Australia	9710	630	FD Card "Shepparton Station 60 Years" v/s Ian Johnson	HTI
AUSTRIA	Radio Austria 1 International	6155	11	FD Card "Kunsthau Graz" with site as Moosbrunn"	HTI
CHINA	China Radio International	1440	30	FD Card "Beijing University", Double CD of folk music	GKL
CHINA	China Radio International	7190	51	PD Card "One World One Dream, 15-7", Letter, RR forms	HTI
GERMANY	Adventist World Radio (via Wertachtal)	5915	21	FD E-Card from Claudius Dedio with copy to Keren to send QSL	RDA
GERMANY	Polish Radio (via Wertachtal)	6135	34	FD Card "Poznań - The Old Market Square" v/s Michał Kubicki	HTI
HAWAII	World Harvest Radio [KWHR]	9930	148	FD Card "World Harvest Radio, KWHR", v/s Ms. Mieko	HTI
INDONESIA	RRI RRI Serui [Irian Jaya]	4605	106	ND Card "A Dani warrior holding spear on the way for a battle"	RDA
IRAN	Islamic Republic of Iran Broadcasting	15555	51	FD Card "The main porch of Masjid-e Imam (Mosque) - Esfahan"	HTI
IRAN	IRIB Tehran	6185	73	FD Card, pen, leaflet, calendar v/s Mitra Darwish	GKL
KOREA REP	Radio Canada International	9525	6	FD Card "Rediscover the World" v/s Bill Westenhaber	HTI
KOREA REP	KBS World Radio	6155	26	FD Card "Park Ji-sung, Midfielder with Manchester United"	HTI
KOREA REP	KBS World Radio	15160	29	FD Card "Female Hercules, 2008 Olympic gold Jang Mi-ran"	HTI
MADAGASCAR	Voice of America	9575	79	FD Card "Satellite antennas IBB Station in Germany"	RDA
MONGOLIA	Voice of Monogolia	12085	31	FD Card "Mongolian nationalities: Bayad"	HTI
N. MARIANA IS	Radio Free Asia (via IBB Tinian)	9320	7	FD Card "RFA's 12th anniversary 2 of 3"	HTI
N. MARIANA IS	Voice of America (via Tinian)	5890	51	FD Card "SW radio tx antennas at IBB Station in Delano"	HTI
NEW ZEALAND	Radio New Zealand International	7145	15	FD Card "60 Years Serving the Pacific 1948-2008 Anniversary"	HTI
PAKISTAN	Pakistan B' Casting Corporation	9385	31	FD Card "Residency of Quaid-I-Azam", v/s S. Waheed	HTI
PHILIPPINES	Radio Veritas Asia	9615	61	FD Card "The Spratly Islands" v/s Ms. Shiela L. Hermida	HTI
PHILIPPINES	FEBC Philippines	15380	46	FD Card "Sailing Vinta in Southern Philippines" v/s M. Marcos"	HTI
ROMANIA	Radio Romania International	9755	57	FD Card "Paeonia tenuifolia - Fernleaf peony", sticker, sked	HTI
RUSSIA	Voice of Russia	9640	39	FD Card "Fountain Adam and Eve"	HTI
RUSSIA	RNW (via Petropavlovsk-Kamchatski)	12065	71	FD Card "Windmill on the River Gaasp"	HTI
RUSSIA	Bible Voice BC (via Petropavlo Kamch)	5985	11	FD Card "Reaching Nations ... one person at a time"	HTI
SWEDEN	Radio Sweden	7465	12	FD Card "Skeppsbron vintertid", v/s illegible, sked	HTI
SYRIA	Syrian Arab Republic B' Casting Service	12085	216	FD Card "Logo", sticker, sked and copy of Syrian Times	RDA
TAIWAN	Radio Taiwan International	11605	22	FD Card "Collared Bush Robin"	HTI
THAILAND	Radio Thailand	11625	15	FD Card "IBB Thailand Transmitting Station", v/s illegible	HTI
TURKEY	Voice of Turkey	6120	12	FD Card "Spider Bird" with site as "EMR"	HTI
USA	WRNO	15590	68	FD Card "WRNO Worldwide Staff"	RDA
VATICAN	Vatican Radio	7135	84	FD Card "Chapel-studio of the Leo XIII Tower", Sticker	HTI
VIETNAM	Voice of Vietnam	9840	10	FD Card "Hoan Kiem Lake"	HTI

## Thanks to our reporters:

GKL - Gérard Koopal, Almere, Netherlands. Rx: Kenwood R5000 and 15 meters indoor random wire

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

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

## 70 YEARS OF RADIO TIRANA

In Albania broadcasting started in the year 1937 with the installation of a medium wave transmitter with a power of 10 W as well as studio apparatus, and all of these were installed in the building of Tirana Municipality.

On 28 November 1938 the short wave transmitter with a power of 3 kW was put into operation at Tirana (Laprake) and intended mainly for communication, but it was also used to transmit 3 hours of broadcast programmes per day.

In the year 1940 a medium wave transmitter was installed with a power of 1 kW in the old building of Radio Tirana together with studio equipments. Later on several medium wave transmitters were installed with powers of around 60-300W at Gjirokastra, Kucova, Shkodra, Korca and Vlora which transmitted local programs.

Only after the liberation of Albania after World War II, and thanks to the attention of the Party (PKSH - Albanian Communist Party - later on in the '50s this Party was called PPSH-The Party of Labour of Albania) there were noted important steps in the development of broadcasting in Albania. So, in March 1952, at the outset of Congress II of the Party, there was inaugurated a medium wave transmitter with a power of 50 kW at Tirana (Kashar), which at that time brought about a noticeable improvement in the situation of the coverage of our country, Albania.

In November of the year 1961, at the outset of the 20th anniversary of creation of the Party, the Radiocenter in Durres (Shijak) was opened with 3 transmitters, 2 of them on short waves with a power of 50 kW each (with the possibility to join together at 100 kW) for broadcasting external service transmissions outside of Albania, and 1 on medium wave with a power of 150 kW to transmit the domestic program of Radio Tirana (Note 2: The medium wave transmitter was proposed to broadcast transmissions outside of Albania, but from the beginning it was used for the transmission of the internal program of Radio Tirana).

In fact, the place of installation of this transmitter on 1089 KHz (in Shijak) was not so appropriate to cover inside Albania (much better it should be, for example, in Kashar), but it was installed there because it was proposed in the project to work with a directional antenna towards the Middle East for transmissions outside of Albania. Instead of the directional antenna there was installed an omnidirectional antenna with 129 m tall mast and the transmitter was used to broadcast the internal programmes of Radio Tirana.

Since February 3, 2006 around 0800 UTC the medium wave transmitter on 1089 KHz Shijak r/station (on air since 1961) is switched off by order and offered for rent.

The new building of Radio Tirana was inaugurated in December 1965 with 8 transmitting studios, 5 recording studios, 5 montage studios, central apparatus, 2 kameralet (I will ask for the corresponding English word of 'kamaral') and the big music studio.

In October 1966 there was inaugurated at Durres (Fllaka) a medium wave transmitter with a power of 500 kW, and 5 years later close to it there was installed a second transmitter of 500kW with the possibility to join together at 1000 kW. Both transmitters broadcast the programs of Radio Tirana external services.

In October 1967 the radio center at Elbasan (Cerrik) was opened with 16 short-wave transmitters, of which 10 had a power of 50 kW each (with the possibility to join together in pairs at 100 kW) and 6 with a power of 15/25 kW each. Via this center on short wave the programs of Radio Tirana were broadcast to target areas outside of Albania.

In 1987 Radio Tirana broadcast 66 hours of program/day in 20 foreign languages.

A rental agreement between the Albanian Radiotelevision and the Chinese Film and Radio Television was signed in Tirana on 16 December 2003 that leased the Radio Center of Short Waves in Elbasan (Cerrik) to the Chinese for at least 15 years and this may be extended, depending upon the requirements of the two parties.

The old Chinese short wave transmitters of Radio Tirana in Cerrik were dismantled and the Chinese, in a record period, transformed the building and surroundings at Cerrik r/station by installing 6 new short wave transmitters with a power of 150 kW (to be verified there). CRI started its transmissions on short wave via Cerrik on 28 November 2004.

Radio Tirana on short wave via Cerrik was closed at the end of July 2004 and at the beginning of August 2004 (officially on 6 August) Radio Tirana started its broadcasts on short wave via Shijak, by inaugurating the 2 new Chinese Continental clone short wave transmitters with a power of 100 kW.

During the years 1980-1983, based on a study made at the time, there were installed medium wave transmitters with a power of 50 kW at Kukes (1980 on 648 KHz), Korca (1981 on 1260 KHz), Gjirokastra (1983 on 909 KHz), Shkodra (1983 on 693 KHz) and, at Saranda (1982 on 864 KHz) with a power of 30 kW. All these medium transmitters were switched off in 2001 or 2002.

Through these transmitters and the ones at Shijak (150 kW on 1089 KHz) and at Kashar (50 kW on 1359 KHz) the domestic program of Radio Tirana was broadcast.

Also put into operation in the year 1980 was a frequency modulation transmitter with a power of 10 kW on Dajt mountain (1613 m) on 99.5 MHz. Its FM signal served two purposes, as a primary signal to feed the medium wave transmitters in Kukes, Korca, Gjirokastra, Shkodra and Saranda and for listeners of Radio Tirana who had FM capable receivers and lived within range of the transmitter.

In the future (after the year 1987) it was predicted that a network of FM transmitters would be installed to broadcast in stereo the second program of Radio Tirana.

The very mountainous terrain of Albania and its bad conductivity causes considerable absorption of the ground wave. This is the reason that in such terrain the powerful transmitters do not have the required coverage and therefore the installation

of a network of medium wave transmitters is to be recommended instead. The small surface of the territory of Albania does not favour the use of short wave for its coverage.

Radio Tirana Monitoring Centre was created by the Chinese in 1966 at the Albanian Telegraphic Agency (ATA) Receiving R/station in Kamez field, 8 km away from Tirana, to measure and correct frequency and MW modulation based on receiving ground waves of Radio Tirana MW and Short Waves transmitters, to monitor the schedule of all domestic and foreign broadcast of Radio Tirana.

Prepared and translated in English by Eng. Drita ÇIÇO-Head of Radio Tirana Monitoring Centre. A special thank for the English corrections in this material by the Radio Tirana old listener and HF - Frequency Consultant from 2005, Mr. Noel R. Green from Blackpool - UNITED KINGDOM.

In photo on 31 October 2008:

Prof. Betim Cico, 60 years, 1970-1971 electronic engineer @ Medium Wave & Short Wave Shijak radio station,

1972-1998 Scientific researcher @ Institute of Nuclear Physics in Tirana

1998-at present Head of Computer Engineering Dept. - Polytechnic

University of Tirana

Drita Cico, 50 years, electronic engineer @ Radio Tirana Monitoring Centre from 21 Sept. 1981 - at present



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## **80 YEARS of Radio Taiwan International (and predecessors)**

Radio Taiwan International (RTI) celebrated on 1 August 2008 its 80th Anniversary and its 10th year as Taiwan's national broadcaster. President Ma Ying-jeou sent an electronic mail on the occasion, sending words for RTI to continue to spread its influence to every corner of the world.

RTI Chairman Cheng You said in his speech that RTI has come a long way and made some major changes. Chairman You said that the future of RTI will tend towards raising program quality and strengthening international broadcasting. He also said that RTI will continue to hold to its position in Taiwan and represent the voices of Taiwan's 23 million people to the rest of the world.

### **Introduction to RTI**

The Central Broadcasting System or CBS is the national broadcasting system of the R.O.C. (Taiwan). It currently broadcasts in 13 languages around the world via the call sign "Radio Taiwan International (RTI)." In January of 1996, Taiwan's legislature passed the "Central Broadcasting System Establishment Statute." This officially combined the former Central Broadcasting System of the Ministry of Defense with the international section of the Broadcasting Corporation of China, thereby forming what is now referred to as "CBS," Taiwan's national radio station which broadcasts under the call sign "RTI".

The original Central Broadcasting System and the international department of the Broadcasting Corporation of China came out of the Central Broadcasting System of the KMT government in Nanjing, China which was established in 1928.

During the battles against the Japanese invaders in 1937, the Central Broadcasting System maneuvered with the government and moved its base from Hankou to Chungking, broadcasting all the while. In 1945, the KMT government successfully expelled the Japanese and the Central Broadcasting System returned with the government to Nanjing. Four years later it again followed the KMT government, this time to Taiwan.

For over 75 years the Central Broadcasting System has moved forward in harmony with the government and braved the perils of enemies, both foreign and domestic, in order to broadcast for the country, maintain a stable society, promote a sense of history, and take the people of Taiwan to new heights.

In January of 1998, the restructured CBS broadcast the Voice of Taiwan to Mainland China and the rest of the world under the call signs of "Radio Taipei International" and "The Voice of Asia". In January of 2002, CBS broadcast to the world under one call sign "Radio Taipei International". Most recently, in July, 2003, CBS changed the call sign to "Radio Taiwan International" to avoid confusion on the part of listeners, many of whom had difficulty associating Taipei with Taiwan.

# HF Communication Today

## Worldwide Broadcast and Utility Radio Stations

**WAVECOM W61PC - TELDE AERO CANARY ISLANDS 13303 KHZ www.klingenfuss.org**

File HF-Modes VHF/UHF-Modes Demodulator Options Favorites Setup View Window Help

HF-ACARS Data Rate: 0,00 bps Slot Length: 0,00 s NOR Msg: All Data 03:14:00

**TELDE AERO CANARY ISLANDS 13303 KHZ www.klingenfuss.org**

12 Mar 2008, 17:51:38 UTC	<b>ACARS MESSAGE IN AIRMASTER FORMAT</b>
12 Mar 2008, 17:51:38 UTC	<b>ACARS Mode: 2 Aircraft Registration: ZS-SFD</b>
12 Mar 2008, 17:51:38 UTC	<b>NACK Label: 42</b>
12 Mar 2008, 17:51:38 UTC	<b>Block ID: N</b>
12 Mar 2008, 17:51:38 UTC	<b>BEGIN OF MESSAGE:</b>
12 Mar 2008, 17:51:38 UTC	<b>ATTN - OPS CREW / SA572</b>
12 Mar 2008, 17:51:38 UTC	<b>DUE TO THE NUMBER OF FLT</b>
12 Mar 2008, 17:51:38 UTC	<b>DELAYS EX JNB TONIGHT, THE</b>
12 Mar 2008, 17:51:38 UTC	<b>CREW FDP'S HAS CAUSED A NUMBER</b>
12 Mar 2008, 17:51:38 UTC	<b>OF FLT TO REQ NEW CREW.</b>
12 Mar 2008, 17:51:38 UTC	<b>REQ FROM SHAWN AT CREW ROSTERS,</b>
12 Mar 2008, 17:51:38 UTC	<b>WILL THE FDC ON SA572 BE ABLE</b>
12 Mar 2008, 17:51:38 UTC	<b>TO OPS SA425 TONIGHT</b>
12 Mar 2008, 17:51:38 UTC	<b>END OF MESSAGE</b>

Demodulator: SRC Center: 1440 Hz Translation: 0 Hz Input: AFIF#1

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