

6 - 2008

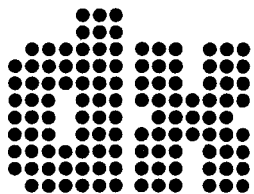
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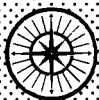
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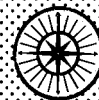
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WORLD WIDE DX CLUB



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- 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>>

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DX MAGAZINE No. 6



Vol. XLIII



June 2008

Hello again,

Welcome to another issue of our DX MAGAZINE. Since we have no news from inside the club this month, let's just start with our usual news from outside the club - only one item in German this month:

Die **Bundesnetzagentur** weist darauf hin, dass am 31. Dezember 2008 die Allgemeinzuteilung von Frequenzen für die schnurlosen Telefonsysteme CT1+ und CT2 endet. Diese Geräte dürfen deshalb ab dem 1. Januar 2009 in Deutschland nicht mehr genutzt werden. Wie alle Allgemein-zuteilungen war auch diese für schnurlose Telefone von Beginn an befristet. Im Rahmen der Konferenz der europäischen Post- und Telekommunikationsverwaltungen (CEPT) hatten sich die Mitgliedsländer geeinigt, die europaweit harmonisierten Frequenzzuweisungen zu ändern. Der Frequenzbereich für das System CT1+ (885 - 887 / 930 - 932 MHz) wurde inzwischen europaweit für die Nutzung durch öffentlichen Mobilfunk umgewidmet. Der Frequenzbereich des Standards CT2 (864,1 - 868,1 MHz) steht zukünftig Funkanwendungen kleiner Reichweite zur Verfügung.

And with this best wishes and good DX until next month from

## **NEWS ABOUT BROADCASTING (+other) STATIONS**

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

### **INTERVIEW WITH DEUTSCHE WELLE DIRECTOR ERIK BETTERMANN ABOUT SHORTWAVE EXIT, ETC.**

The German newspaper taz published an interview with Deutsche Welle director Erik Bettermann: <http://www.taz.de/1/leben/medien/artikel/1/wir-sind-keine-pr-agentur-deutschlands/>

Key points:

Abandoning shortwave is unavoidable, not only because it's so expensive, also because even people in classical radio continents like Africa make only little use of it anymore, mostly limited to rural areas. In the towns one has to be on FM to reach listeners, and DW does not want to become a Landfunk [that's a sneering reference to programmes for farmers which were decades ago scheduled on some German

stations -kl].

Presumably we will be on shortwave a bit longer in certain areas like China, we are very flexible in this regard. There are problems in China for years. In 2004 we applied for a licence to distribute our TV service in China via satellite, but the Chinese authorities made no decision about this until today. The DW website is also disturbed, again and again it gets switched white. In this case simply nothing is on, even in such harmless matters like the football site <<http://www.germanfootball.cn>>. At least DW-TV is amongst the 20 stations that can be received in the Olympic Village.

How will DW reach its audiences in future: TV will be the buzzer [or "what opens the door", the German word "Türöffner" is ambiguous here], and for deepening the coverage there will be either a radio service or our website in the respective languages, including audio and video podcasts. We want to further strengthen the convergence between our three media, TV, radio and online.

The now launched reform projects of course result in fears amongst employees. Take the shortwave exit: This concerns a complete engineering department. But media companies must be ready for reforms. I guarantee that no lay-offs will take place while I'm in office. But it is a matter of course that people have to be prepared for changes, as an example to be willing to retrain.

Comment: It appears that "it concerns a complete engineering department" means that DW plans to wind up its transmission management. This could be related to other statements from outside DW, in this case from Radio Taiwan International, where it had been said in reference to visits at DW in Bonn and Berlin that the shortwave transmissions of DW will end altogether by 2012 or 2013. Maybe a few services will still remain after that deadline, but entirely managed by VTC (or whoever they may choose as contractor then). But this just remains to be seen. It should be noted that the interview uses the wording "analogue shortwave". I omitted that because it appears that there is no need for such a specification anymore (Kai Ludwig, Germany, June 8)

\*\*\*\*\*

## NEWS

**ALASKA:** 6890, KNLS Anchor Point, 1028-1048, June 3, English. 80's era pop music; religious talk re trials of Jacob; New Life Station-KNLS ID at 1036; signal deteriorating by 1040; gospel music audible at tuneout; poor (Scott R. Barbour Jr., Intervale, NH, R8, R75, 8600MK2B, CLR/DSP, 200' Beverages, MLB-1, 60M dipole, dxldyg via DXLD)

**ALGERIA:** Radio Algeria Holy Qur'an in Arabic via ISS 500 kW from May 28:

0400-0500	on	7305 / 162 deg	CeEaAf	-	yes	May 27, 28
0500-0600	on	7305 / 162 deg	CeEaAf	-	yes	S=8 May 27, 28
		9440 / 162 deg	CeEaAf			
		9535 / 162 deg	CeEaAf	-	yes	S=8/S=9+10dB May 27, 28, 29
0600-0700	on	9425 / 194 deg	NoWeAf			
		9535 / 194 deg	NoWeAf	-	yes	S=8/S=9+10dB May 27, 28, 29
		11615 / 162 deg	CeEaAf	-	yes	S=9+10dB May 28, 29, S=9+10dB 11620 May 24-27
0700-0800	on	11620 / 194 deg	NoWeAf	-	yes	S=9+10dB May 26-29
		13570 / 162 deg	CeEaAf	-	yes	S=8 May 26-29
		13650 / 162 deg	CeEaAf	-		
0800-0900	on	13650 / 194 deg	NoWeAf	-	yes	S=9+10dB May 26-29
		15230 / 162 deg	CeEaAf	-	yes	S=8 May 28-29
						QRM CRI Kashi 5-9 UT Chinese
		15360 / 194 deg	NoWeAf	-		
0900-1000	on	13650 / 194 deg	NoWeAf	-	yes	S=6 May 26-29
		15230 / 162 deg	CeEaAf	-	yes,	S=2 underneath of CVC Darwin 9-11 UT co-channel
		15360 / 194 deg	NoWeAf	-		
1000-1100	on	13650 / 194 deg	NoWeAf	-	yes	S=9+30dB May 26, 27, 28
		15230 / 162 deg	CeEaAf	-	?,	QRM CVC Darwin 9-11 UT co-channel
		15360 / 194 deg	NoWeAf	-		
1600-1700	on	13570 / 162 deg	CeEaAf	-	no	WINB Red Lion instead
		15165 / 162 deg	CeEaAf	-		
1700-1800	on	11615 / 162 deg	CeEaAf	-		

13570 / 162 deg CeEaAf -  
 13670 / 194 deg NoWeAf -  
 15165 / 162 deg CeEaAf -  
 15610 / 194 deg NoWeAf -  
 1800-1900 on 11615 / 162 deg CeEaAf -  
 11890 / 194 deg NoWeAf -  
 13570 / 162 deg CeEaAf - yes S=7-8 May 27 S=9+20dB May 28  
 13670 / 194 deg NoWeAf -  
 15165 / 162 deg CeEaAf - yes S=5 May 28  
 1900-2000 on 9390 / 162 deg CeEaAf - yes S=7 May 28  
 9400 / 194 deg NoWeAf -  
 9845 / 194 deg NoWeAf -  
 11875 / 194 deg NoWeAf -  
 11890 / 194 deg NoWeAf -  
 12025 / 194 deg NoWeAf - yes S=3-7 May 26, 27 /  
 S=9+20dB May 28  
 2000-2100 on 7175 / 162 deg CeEaAf -  
 9390 / 162 deg CeEaAf - yes S=5 May 28; 2030-2200 UT  
 QRM co-channel Radio Tirana in Albanian  
 9400 / 194 deg NoWeAf -  
 9845 / 194 deg NoWeAf -  
 2100-2200 on 12025 / 194 deg NoWeAf - yes S=3-7 May 26-27 / S=4 May 28  
 7210 / 194 deg NoWeAf -  
 7295 / 194 deg NoWeAf - yes S=9+20dB May 28  
 9390 / 162 deg CeEaAf - yes S=8 .. S=9+10dB May 28; from 2030-2200 UT  
 QRM co-channel Radio Tirana in Albanian  
 9395 / 194 deg NoWeAf -  
 9400 / 194 deg NoWeAf -  
 9435 / 194 deg NoWeAf -  
 2200-2300 on 7220 / 194 deg NoWeAf -  
 7295 / 194 deg NoWeAf - yes S=9+20dB May 28  
 9395 / 194 deg NoWeAf -  
 9435 / 194 deg NoWeAf -  
 \\ 2100-2300 UT 7150 SIN 3 sec behind 7295 ISS.  
 9710 SKN 1.5 sec behind 7295 ISS.

(Ivo Ivanov-BUL via wwdxc BC-DX TopNews May 28, BC-DX May 29)

Comments May 26-29 by wb.

Seems to be test transmissions already, with irregular schedule etc. (we)

**ALBANIA:** Radio Tirana will make the following changes effective 12 June 2008:

1800-1830 UTC Italian to Eu, 7430 KHz, ex-1730-1800 7460 KHz to avoid interference from IBB 7465 KHz.

2000-2030 UTC English to Eu, 7465 KHz, ex-7460 KHz to avoid interference from IBB 7455 KHz

2030-2200 UTC Albanian to Eu, 9395 KHz, ex-9390 KHz 9390 to avoid QRM by Algiers relay at

2000-2200 UTC Radio Algeria Holy Qur'an program started on May 26th their relay service via Issoudun site in central France.

2300-2430 Albanian to NoAm, 9345 KHz, ex-9390 KHz to avoid interference from WWCR 9385 KHz overrun until 2355v

1805-1835 UTC German to Germany, 1458 KHz, ex-1801-1829UTC, this shift in time is made to facilitate studio sites, because of three programs running at the same time at around 1800UTC. (Via Drita Cico, R Tirana)

**ARGENTINA:** RAE must have got its stolen feeder cable replaced, after being knocked off the air over the weekend, for June 2 at 2144 UT I heard a tango, and that would not be Morocco, then talk in German as scheduled this hour. Besides, the frequency was way off, 15343.9 or so; 2150 some Andean music for balance, 2159 IS and Japanese ID, then greeting listeners in Spanish, French, English, German (? fade), Portuguese, Italian, Arabic, Japanese. Finally at 2203 decided which language to stick with, Spanish, and opened with frequencies as 15345, 6060, address of studio, phone number, postal address, C.C. 555, 6000 WAS Buenos Aires that's what it sounded like, but WRTH says C1000WAF, which sounds almost the same!

E-mail <rae @ radionacional.gov.ar>

Heard no het at all from Morocco which normally stays on until just after 2200, so RAE was fair and clear. (Glenn Hauser, dxld June 4)

15343.85 RAE, 2201-2225+ Jun 3, Sp prgmng with IDs at 2201 and talk, also hrd at 2330 with local guitar mx. Poor, weak, but readable in noisy conditions. (Brian Alexander-PA-USA, DXplorer June 8)

**BHUTAN:** JAPANESE ASSISTANCE TO BHUTAN BROADCASTING SERVICE.

Monday, June 2: The Japanese government will be giving a grant assistance of about Nu. 240 million to the BBS. The exchange of notes to formalize the grant was signed in New Delhi On Friday, May 30. It was signed by Bhutan's

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Ambassador Lyonpo Dago Tshering and the Japanese Ambassador Hideaki Domichi. The money that will be given to BBS will be used to enhance programme production and news coverage by upgrading facilities and equipment, setting up a master control system and establishing transmission system for the BBS bureau offices. (BBS via Alokesh Gupta-IND, dxld June 4)

**BOLIVIA:** 5962.4 R. Pio XII, Siglo XX, 2346-2358, 07 Jun, Quechua, talks, phone-ins, mx; 25332. 5964.1 R. Nacional de Huanuni (?), Huanuni, 0735-0800\*, 04 Jun, Castilian, songs; 25331. (Carlos Goncalves-POR, June 9)

**BOSNIA/SERBIA:** Frequency change of International Radio Serbia from May 30  
2330-2358 NF 6190 BHI 250 kW / 310 deg to NCAm, x6185\*in Serbian Mo-Sa  
2330-0028 NF 6190 BIJ 250 kW / 310 deg to NCAm, x6185\*in Serbian Sun  
0000-0028 NF 6190 BIJ 250 kW / 310 deg to NCAm, x6185\*in English Mon-Sat  
0100-0128 NF 6190 BIJ 250 kW / 325 deg to NoAm, x6185\*in English  
\* to avoid Radio Educacion from Mexico in Spanish  
(R BULGARIA DX MIX News, June 3)

**BRAZIL:** <[http://www.dxclube.com.br/arquivos\\_lista\\_br.html](http://www.dxclube.com.br/arquivos_lista_br.html)>

DX CLUBE DO PARANÁ

MW/SW brasilian radio stations update - Version 20080530.01

New denomination:

6080 Khz - Marumby, Curitiba-PR

9515 Khz - Marumby, Curitiba-PR

9665 Khz - Voz Missonária, Florianópolis-SC

11725 Khz - Marumby, Curitiba-PR

Help us sending your informations to: [marcelo@bedene.com.br](mailto:marcelo@bedene.com.br) (EQUIPE DO DX CLUBE DO PARANÁ. CURITIBA-PR-BRASIL, June 1, HCDX via DXLD)

Stations often heard nowadays:

1956 11925.15 ZYE958 R. Bandeirantes, PP, live football, 0=2-3

2000 11829.90 ZYE441 R. Anhanguera, PP, talks, 0=2-3

2003 11815 ZYE440 R. Brasil Central, PP, ID loop mit QRGs, 0=2-3

2005 11804.73 ZYE775 R. Globo, PP,talks, radioglobo.com ID at 2029, 0=2-3

2032 11854.93 ZYE954 R. Aparecida, PP, talks, ID, 0=2

2036 9629.92 ZYE954 R. Aparecida, PP, Balladen, ID, time announced, 0=2-3

2048 15325 ZYE964 R. Gazeta, (tent.) PP, soft local pops, 0=1-2

2110 11784.52 ZYE853 R. Guaiba, live football, ID alle 5 min., 0=3-4

ID: R.Guaiba de Porto Alegre.

(Hans Pammer-AUT, A-DX June 8)

9629.91, Rádio Aparecida, 0125-0140, May 30, Portuguese religious talk. Religious music. Fair. // 5035.07-very weak, // 6134.96-fair, // 11855-weak under Family Radio-Okeechoobee (Brian Alexander, PA, DXLD)

9645.27, Rádio Bandeirantes, São Paulo, 0135-0145, May 30, Portuguese talk. Ads, jingles, promos. Poor to fair. // 11925.21- threshold signal (Brian Alexander, PA, DXLD)

**CANADA:** R Republica in Spanish to Cuba Mon-Fri from May 20:

1000-1100 on 9490 SAC 250 kW 227 deg, co-ch FNKR in Korean via TWN

(R BULGARIA DX MIX News, May 26)

**CHAD:** 4905 Radiodiffusion Nationale Tchadienne, \*0427-0446 Jun 6, open carrier until orchestra National Anthem at 0429 followed by a man with ID and sign on announcements in French. Program of tribal vocals followed the opening. Fair to good. (Rich D'Angelo-PA-USA, DXplorer June 8)  
But June 7th at night on 7120 instead. (wb)

**CHILE:** New schedule of CVC Voz Cristiana in Portuguese to Mexico and CeAM

0000-0100 on 11745 SGO 100 kW 060 deg, x0000-0400

0900-1100 on 6110 SGO 100 kW 060 deg, x0400-1100

1100-2400 on 15410 SGO 100 kW 060 deg, no change

(R BULGARIA DX MIX News, May 26)

15410 should work in MEu till around 21 UTC, weekends with special music. (we)

**CHINA:** 3303usb Zhoushan Maritime Meteorological Radio Station(Zhoushan Haiyang Qixiang Guanbo Diantai), which started transmission in March, sent me a PFC QSL card in Chinese for my reception report in Chinese after 50

days, with very kind letter of thanks, by registered air mail. Enclosed 10 yuan bill was returned. QSL signer was Mr. Zhou Zhong. My reception report was also reported as a news in their home page <[http://220.189.205.5/open\\_news.asp?id=668](http://220.189.205.5/open_news.asp?id=668)> (dated May 6), saying "Recently we were surprised to receive the reception report from Japanese friend. He said he could have clear reception of our broadcast, with good signal strength, less interference and less noise. He admitted the usefulness of our station for the safety navigation in East China Sea. The distance to Tokyo is 1700 kms, and our original covering distance is 500-800 kms. His reception report means our station is completely covering East China Sea, Yellow sea, and other surrounding seas." URL: <<http://220.189.205.5/>> (Chinese only) Address: Meicen Road, Putuoshan, Putuo District, Zhoushan, Zhejiang, China. (Takahito Akabayashi, Japan, June 8, DXLD)

**CUBA:** 5025 --- In areas of mountains and especially in the valleys where AM and FM broadcasts do not reach or provide a very unreliable service, the Near Vertical Incidence Skywave tropical band signals provide excellent service. That's why the Cuban Broadcast Institute now operates a 50 kilowatt high tech transmitter for broadcasting Radio Rebelde's network national program on 5025 kHz, using a near vertical incidence sky wave antenna system to provide optimum service up to a distance of 1000 kilometers around the transmitter site. For Dxers there is a bonus: the antenna does have a small low angle lobe that makes possible listening to Radio Rebelde in many far away places too!!! (Arnie Coro, Radio Havana Cuba DXers Unlimited's weekend edition for 24-25 May 2008 via ODXA via DXLD via BC-DX)

5025 is the second-best signal on 60 m here more than 2 megameters away, after WWCR 5070; the lobe is more than "small". While I can't tell how well it functions nearby as NVIS, there is something about that setup which is not as focused as people seem to think; cf. Also HCJB's 3220 NVIS with 'local-like' signal into Florida (gh, DXLD)

**DJIBOUTI:** 4780, Radio Djibouti, \*0259-0325, June 7, sign on with National Anthem. Opening Arabic announcements at 0300. Kor'an at 0302. Local music at 0325. Poor with strong CODAR QRM (Brian Alexander, PA, DXLD)

**DOMINICAN REPUBLIC:** 5009.79, Radio Cristal-Radio Pueblo, 2345-2359\*, May 28, Presumed. Spanish talk. Local music. No ID heard. Weak unintelligible announcement at 2359 & off. Fair signal strength but low modulation (Brian Alexander, PA, DXLD)

**EGYPT:** Frequency change of Radio Cairo in English to WeAF:  
1900-2030 NF 9300 ABZ 100 kW 250 deg, x9380  
(R BULGARIA DX MIX News, May 26)

**FRANCE:** Trans World Radio plans directional antenna on 1467 kHz.  
Trans World Radio (TWR) is planning to modify the antenna of its 1000 kW transmitter at Roumoules in Southern France to provide a stronger signal in Morocco, Algeria and Tunisia. The current omnidirectional antenna on 1467 kHz will be converted to a directional antenna at a cost of US\$200,000. TWR's John Summerville says the change has the potential of reaching 15 million new people in Arabic and four different Berber dialects.  
(RNW MN By Andy Sennitt-HOL, mwdx June 10)

**ETHIOPIA:** 7110, R. Ethiopia, Addis Ababa, 0302-0317, June 3, vernacular. Announcer with presumed news; techno music bit at 0303 followed by HoA music until presumed program intro at 0310, then an interview; fair; // 9704.2-weak (Scott R. Barbour Jr., Intervale, NH, R8, R75, 8600MK2B, CLR/DSP, 200' Beverages, MLB-1, 60M dipole, DXLD)

7110. Radio Ethiopia (Gedja), 0407-0410, 6/6/2008, Amharic. Lively horn of Africa music. Talk by man at 0408 over and between a few bars of music. Moderate signal with weak co-channel interference and significant fading (SINPO 32222). Parallel noted on 9704 with weaker signal but clearer frequency (Jim Evans, Germantown, TN, TenTec RX-340, Drake R8B, RF Space SDR-14, 90' Random Wire, Eavesdropper Dipole, Cumbre DX via DXLD)

**GABON:** 4777, Radio Gabon, \*0458-0515, June 2, abrupt sign on with opening ID announcements followed by local drums to 0500. French talk at 0500. Afro-pop music at 0508. Weak, low modulation at sign on but quickly popped up to a very good level at 0500. (Brian Alexander, PA, DXLD)

**GERMANY:** Some Media Broadcast changes:  
Radio Republica in Spanish to Cuba Tue-Sat from May 16: 0100-0200 on 5955 NAU 125 kW 285 deg  
(R BULGARIA DX MIX News, May 26)

WYFR Family Radio, additional txions to SoAS from May 13&19:  
1400-1500 on 15640 NAU 500 kW 095 deg in Marathi  
1500-1600 on 15715 WER 500 kW 090 deg in Kannada  
1600-1700 on 15370 WER 500 kW 090 deg in Tamil  
(R BULGARIA DX MIX News, May 26)

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**GERMANY:** Frequency change of IBRA Radio in Swahili via MB from June 22  
1730-1800 NF 11985 JUL 100 kW / 145 deg, x11915 to avoid DW in Russian  
(R BULGARIA DX MIX News, June 3)

Additional txions of WYFR via Media Broadcast from June 5:  
1800-1900 on 13790 W 500 kW / 180 deg to WCAf in English  
1900-2000 on 11865 N 500 kW / 187 deg to WCAf in English  
(R BULGARIA DX MIX News, June 6)

Frequency changes of Radio Liberty:  
1600-1700 NF 11895 LH 100 kW / 092 deg, ex 9565 in Tajik  
1600-1800 NF 11975 LH 100 kW / 092 deg, ex 11895 in Turkmen  
(R BULGARIA DX MIX News, June 6)

Partial frequency change for NHK World Radio Japan broadcasts to SWAsAsia:  
From Sunday, June 8th, the new frequencies of broadcasts for Southwest Asia (via Germany) will be  
as follows:

1300-1345 UT Bengali broadcasts switch from 17595 to 15215 kHz 500kW 75deg  
1345-1430 UT Hindi broadcasts switch from 17595 to 15215 kHz 500kW 90deg  
1430-1515 UT\*Urdu broadcasts will continue on the same frequency 17595,500kW 90deg.  
<<http://www.nhk.or.jp/nhkworld/english/info/info080529.html>>

**GREECE:** Vo Greece Avlis still only with two units on air, since May 28th. ERA5 on 9420 and 15630 in our mornings  
0500-1100 UT (exc Tue). Nothing on 3rd channel 11645 kHz. On afternoon/night 9420 at 1100-0500 UT. 7475 at 2300-  
0450 UT seems OFF?  
And ERT3 Thessaloniki relay on 9935 kHz 1100-1650 UT, 7475 1700-2250 UT.  
(wb, June 9, 10, 11, and 12)

**GUAM:** Frequency change of AWR KSDA Guam in Urdu/English from June 1:  
1600-1700 NF 11650 SDA 100 kW / 300 deg to SoAs, ex 6155  
(R BULGARIA DX MIX News, June 6)

**HAWAII:** 13650, KWHR came 'through' on May 31: around 0725 UT with station ID at 0727 UT, S=2-3 tiny signal,  
deep fades into Europe. But not every day, missed here June 1st and 2nd (wb)

**HUNGARY:** Updated A-08 of Hungarian Radio on short waves:  
0100-0200 on 5965#JBR 250 kW / 306 deg to NoAm, new txion  
0400-0500 on 3975 JBR 250 kW / non-dir to WeEu  
1000-1100 on 6025 JBR 100 kW / non-dir to WeEu  
1600-1700 on 6025 JBR 100 kW / non-dir to WeEu  
1800-1900 on 3975 JBR 250 kW / non-dir to WeEu, cancelled  
2100-2200 on 3975 JBR 250 kW / non-dir to WeEu, new txion  
2200-2300 on 6025 JBR 100 kW / non-dir to WeEu, cancelled  
# co-ch Radio Havana Cuba in Spanish  
(R BULGARIA DX MIX News, June 6)

**INDIA:** AIR Gangtok [SIKKIM], 4835, 0210-0215 May 13 in vernacular, with Indic music followed by banter between  
boisterous M & W announcers. Would have been quite listenable if CODAR hadn't murdered it; P-F (Richard W. Parker,  
KB2DMD, Pennsburg PA, 16 May, by p-mail, retyped by gh for DXLD)

Sorry, more likely PAKISTAN on same frequency, with much more power and much more darkness path; from Aoki,  
you decide, if this B-07 info is still in effect, daily, Richard is not privy to, being offline:  
4835 AIR Gangtok 0100-0415 Hindi 10 ND Gangtok 8840E 2720N  
4835 PBC Islamabad 0200-0300 Urdu 100 ND Islamabad API-4 7312E 3327N  
(Glenn Hauser, DXLD)

**IRAN:** Updated summer A-08 of VOIROI/IRIB:

ALBANIAN	0630-0727	13810, 15235
	1830-1927	9545, 9570
	2030-2127	9535, 11830
ARABIC	0230-0427	6025, 7375
	0330-0427	9610, 11875 "Voice of Palestine"
	0430-0527	13790, 13800
	0530-0827	13790, 13800, 15150



	0830-1027	9885,	13800,	15150	
	1030-1427	13790,	13800,	15150	
	1430-1627	15150			
	1630-0227	6025			
ARMENIAN	0300-0327	7255,	12025		
	0930-0957	9695,	15260		
	1630-1727	7230,	9780		
AZERI	0330-0527	13710			
	1430-1657	6200			
BENGALI	0030-0127	6025,	7115		
	0830-0927	11705			
	1430-1527	6130,	9520,	12085	
BOSNIAN	0530-0627	13750,	15235		
	1730-1827	7295,	9860		
	2130-2227	7305,	9810		
CHINESE	1200-1257	13735,	15190,	17635,	17670
	2330-0027	11740,	11970,	13715	
DARI	0300-0627	11910,	13740		
	0830-1427	9940,	13720		
	1430-1457	9940			
ENGLISH	0130-0227	7235,	9495	"Voice of Justice"	
	1030-1127	15600,	17660		
	1530-1627	7375,	9600		
	1930-2027	6205,	7205,	*7260,	9800,
GERMAN	0730-0827	15085,	15430		9925
	1730-1827	*6180,	9940,	15085	
FRENCH	0630-0727	13710,	15430		
	1830-1927	*7260	9940,	13755,	15085
HAUSA	0600-0657	17810,	17870		
	1830-1927	7170	9925		
HEBREW	0430-0457	9610,	11875		
	1200-1227	13685,	15260		
HINDI	0230-0257	15165,	17635		
	1430-1527	11995,	13805		
ITALIAN	0630-0727	*11670,	13770,	15085	
	1930-1957	5910,	7380		
JAPANESE	1330-1427	13755,	15555		
	2100-2157	9690,	11655		
KAZAKH	0130-0227	7115,	9790		
	1300-1357	11665,	13765		
KURDISH	0330-0427	7255	Sorrani	dialect	
	1330-1427	5990	Sorrani	dialect	
	1430-1627	5990	Kirmanji	dialect	
MALAY	1230-1327	15200,	17555		
	2230-2327	5945,	7310		
PASHTO	0230-0327	7130,	9605		
	0730-0827	11990,	15440		
	1230-1327	6175,	9790	11730	
	1430-1527	5890			
	1630-1727	6000,	7195		
RUSSIAN	0300-0327	9650,	11925		
	0500-0527	9850,	13750,	17595,	17655
	1430-1527	*6145,	7160,	9580,	9900
	1700-1757	3985,	7175		
	1800-1857	6205,	7235		
	1930-2027	3985,	7370		
SPANISH	0030-0227	9655,	9905		
	0230-0327	9905			
	0530-0627	15530,	17785		
	2030-2127	*6055,	7300,	9800	
SWAHILI	0330-0427	15265,	15340		
	0830-0927	15240,	17660		
	1730-1827	7130,	9655		
TAJIK	0100-0227	6175,	7285		
	1600-1727	5945,	5955		
TURKISH	0430-0557	11685,	13640		

	1600-1727	7165,	9870	
URDU	0130-0227	7105,	9480,	9845
	1330-1427	6000,	9665,	11695
	1530-1727	5890		
	1730-1757	6175,	7220	
UZBEK	0230-0257	9740,	11945	
	1500-1557	5945,	9680	

\* via Sitkunai, Lithuania  
(R BULGARIA DX MIX News, June 6)

**JAPAN:** NHK Radio Japan frequency changes with effect from 8th June, 2008:

Bengali : 1300-1345 UTC on 15215 (ex 17595)

Hindi: 1345-1430 UTC on 15215 (ex 17595)

(Alokesh Gupta, New Delhi)

**LIBERIA [non]:** via Ascension, 9525, Star Radio, 0700-0745, May 25, English news about local events. Star Radio ID. Cotton Tree News programming to Sierra Leone at 0730 with drums, "CTN" ID and English news at 0730. Talk in local languages after 0736. Threshold signal for first 15 minutes but quickly improved after 0715. Good signal by 0719. (Brian Alexander, PA, DXLD)

**MADAGASCAR:** In connection with Zimbabwe's presidential run-off election on 27 June, Radio Voice of the People has introduced a third daily transmission via the Radio Netherlands Madagascar relay station. The broadcast is at 1100-1200 UTC on 11695 kHz, beam 265 degrees, power 250 kW. This transmission was introduced on 1 June. (RNW Media Network)

**MADAGASCAR/NETH. ANTILLES/SAIPAN:** Frequency changes of RNW in Dutch:

0700-0757 on 9625 ANT 250 kW 230 deg to AUS/NZ, cancelled from May 3

0900-0957 on 9795 MRA 100 kW 195 deg to AUS/NZ, new txion from May 3

1200-1257 NF 17740 MDG 250 kW 065 deg to SoEaAS, x17745 from May 13

(R BULGARIA DX MIX News, May 26)

**MYANMAR:** 5985 Myanma Radio, 1322-1338, June 6, in vernacular with EZL rock music, before BoH played the usual Myanma R. indigenous musical selection, BoH musical chimes plus one loud chime/pip, fair. (Ron Howard-Shanghai-CHN, dxld June 6)

Myanmar QSL verified after 17 months by written-in letter signed by Mr Ko Ko Htway in English. He writes the program now emits froms Nay Pyi Taw Myanma Radio (not in Yangon).

Actual broadcasting schedule:

0030-0230 in Myanmar on 576, 7185

0330-0730 in English on 576, 9730

0930-1430 in Myanmar on 576, 5985, 4725[?]

1530-1600 in English on 576, 5985, 4725[?]

(Dieter Knust-D, A-DX June 6)

4725 has not been reported in MEu for years and was only listenable in autumn and winter. (we)

**NIGERIA:** 4770, R. Nigeria, Kaduna, 2243-..., 24 May, English, pops, mainly western; I logged this one just because of the situation, i.e. extremely strong carrier served by very weak audio; transmitter off at 2247, surely some breakdown; 55444. Why do they (and similar stations) keep technical conditions like this? (Carlos Gonçalves, Portugal, DXLD)

6089.85, Radio Nigeria, Kaduna, 2225-2300\*, May 25, vernacular talk. Local African tribal music. Chants. Sign off with National Anthem at 2259. Fair to good but covered by Anguilla 6090 at their 2256 sign on. Nigeria still slightly audible underneath. Anguilla usually signs on around 2200 (Brian Alexander, PA, DXLD)

**PAKISTAN:** Updated summer A-08 of Radio Pakistan:

BANGLA 0115-0200 on 9380.4

1200-1245 on 9340.4

CHINESE 1200-1300 on 9385 11570

DARI 1430-1530 on 6060.4

ENGLISH 1100-1105 on 15100 17835

1600-1615 on 9385 11565 15625.4

GUJARATI 0400-0430 on 9380.4

HINDI 0215-0300 on 9380.4

1030-1130 on 9340.4

PASHTO 1300-1400 on 6065.4

PERSIAN 1700-1800 on 7500.4  
 URDU 0045-0215 on 11580 15480  
 0500-0700 on 15100 17835  
 0830-1100 on 15100 17835  
 1330-1530 on 9385 11565  
 1700-1900 on 7530 9390  
 1915-0045 on 6065.4 Islamabad px

(R BULGARIA DX MIX News, June 3)

Seems to be one hour earlier from June 1. (we)

Some project details received from Alan Davies, Indonesia in SW TXsites ng May 23. Replacement of 2 x 50 kW Short Wave Transmitters. Project time June 2005-June 2008.

The PBC - Pakistan Broadcasting Corporation through this project will be able to project its voice throughout the important regions of Gulf, West Europe, South East Asia, South East Africa and Far East. PBC sharing of commonness with the people of the regions would provide basis for close collaboration and strong ties among masses of these regions.

Objectives of the project preferably in quantitative terms: To extend the coverage of PBC External & World Services for the countries situated in Gulf / Middle East (Specially Saudi Arabia), West Europe, South East Asia, South East Africa & Far East in different languages such as Arabic, English, Turkish, Bangla, Persian, Sunhali, Hindi etc. To improve the quality of PBC World Service for about 6 Million overseas and 70 thousands Pakistanis working in vessels earning huge amount of Foreign Exchange for Pakistan as well as the local listeners in the target areas. The aim is to strengthen & improve the signal of PBC World & External Services. At present PBC's signal is very weak in these regions.

The 2 x 50 kW SW Transmitters installed at Karachi in 1948-49 have gone off the air due to non-availability of its transmitting valves and spare parts. The services radiated from Karachi have to be shifted to Islamabad complex which have been overloaded. The short wave transmitters of HPT Complex Islamabad are in continuous operation from 1968 / 1972. Due to aging and non-availability of transmitting valves and spares the output of these transmitters have dropped considerably resulting in unsatisfactory / weak reception of PBC's programmes in the target areas.

These transmitters require replacement. Most of the Broadcasting Organizations are using three or more frequencies for the broadcast of their World & External Services in short wave band whereas PBC is using two frequencies only due to inadequate number of transmitters and aerial system.

In view of the situation explained above, it is imperative that PBC may acquire at least two short wave transmitters of 100 kW power each along with properly designed, high frequency aerial system for the coverage of countries situated in Gulf / Middle East, West European countries, South East Asia, South Africa, South East Africa and Far East. A large number of Pakistanis living in the Gulf & Middle East, South East Asia & West Europe will be able to listen the programmes and News of PBC.

The scheme envisages the installation of two modern, energy efficient, solid state short wave transmitters of 100 kW power each along with aerial system at Landhi Karachi for broadcasting World & External Services from Karachi. The programmes will be fed from Islamabad to Karachi via Satellite. This will result in satisfactory reception of World & External Services in the target area. Millions of foreign listeners will be able to listen to the Pakistani news & views on international affairs and also entertainment programmes in their own language. Simultaneously millions of Pakistani living and working abroad will get the latest information about developments taking place in the country.

At present an old building exists at the site; it was constructed in 1949. The two transmitters would be installed in the existing transmitter hall. Obsolete transmitters and related equipment are to be dismantled.

IMPORT: 2 x 100 kW Short wave transmitters, based on modern technology along with dummy load, Balun transformer and a set of spares. Speech Input, Test & Measuring equipment, emergency studio and STLs/ Satellite Link too. Indoor Antenna Selector switch matrix with control and interlock system. RF Feeder line 900 meter long. High Frequency Antenna System, 2 rotatable curtain systems. One functioning on the frequency range 6-11 MHz and the other functioning on 13-26 MHz complete with drive system, remote control, matching unit, supports, insulator, end terminal & grounding. Diesel Electric Generator of 750 KVA has been made with 400 volts three phase output as standby power source for the transmitters.

(Alan Davies, Indonesia, SW TXsites May 23; wwdxc BC-DX TopNews May 26)

**PERU:** 4990.9, RADIO MANANTIAL. Huancayo. 2300-2320 mayo 31. Anuncios de las Fiestas del Señor y la Cosecha. Anuncios de Casa de la Biblia y web en somosmanantial.com ID: "...Transmite para Huancayo, Manantial Radio, señal cadena de milagros..."

5039.4, RADIO LIBERTAD. Junín. \*1055-1115 junio 1. No Himno Nacional. Solo melodía folclórica "...desde las

gloriosas pampas de Junín, testigos históricos de la batalla que consolidó la independencia peruana, ésta es la señal de Radio Libertad... su siempre nueva radio..." Luego programa: La Voz del Rio Macho. Informativo de la municipalidad distrital de Ullcumayo.

5120.1, ONDAS DEL SURORIENTE. Quillabamba. 2207-2230 mayo 31. Retransmitiendo a RPP Noticias con el Gran Resumen de la Hora y Enfoque Deportivo. Luego de las 2215 con programación musical. "...Ondas del Suroriente 96.5 frecuencia modulada..." Luego a las 0235\* con Cierre: "Ondas del Suroriente finaliza sus transmisiones correspondientes al día de hoy en sus tres frecuencias; FM 94.5\*; amplitud modulada 1400 kHz; onda corta 5070 kHz en la banda de 60 metros; ésta ha sido nuestra programación con música, cultura, información y diversión, [esperamos que] hayan sido de su completo agrado y disfrutado de la magia y el sonido de Ondas del Suroriente. Felices sueños y un alegre despertar, siempre con ondas del Suroriente, la emisora que llega más...."

\*Hay diferencia en la frecuencia que mencionan en la identificaciones y el cierre. [and in the SW announced and actual frequencies! gh]

5486.6, EMISORA REINA DE LA SELVA. Chachapoyas. 1110-1125 junio 2. Música folclórica y anuncios de Transportes Montenegro, Bar restaurante El Chullo y Agroven. Al dar la hora: "...6 con 15 de la mañana, Reina de la Selva y el mañanero..."

6047.1, tentativo, RADIO SANTA ROSA. Lima. 0225-0231 junio 2. Música folclórica y anuncios de presentaciones de artistas. Fuerte QRM de HCJB en 6050 (Rafael Rodriguez R., Bogotá, Colombia, June 2, Sony ICF 2010, Winradio G303I, JRC 525, Antenas Hilos largos de varias longitudes, playdx yg via DXLD) Another log below.

**PERU [and non]:** BANDSCAN: 4824.49, La Voz de la Selva, Iquitos strong signal, 2300 and 1045; had been silent four days. 3 and 4 June.

4828, Zimbabwe, ZBC 2250 noted with fair signal, while looking for 4826 Radio Sicuani which seems silent, as is 4834 Radio Marañon, Jaen. 3 June.

4857.39, Radio La Hora, Cusco at 2250, good signal, never noted 1000 to 1130.

4974.82, Radio del Pacifico, Lima 1044 to 1100.

4990.95, Radio Manantial, Huancayo, weak and distorted, 2300.

5039.21, Radio Libertad, Junín, 1055, good signal. Never noted 2230 to 0100 here.

5470.66, Radio San Nicolás, San Nicolás, 2240-2300, OM and music.

5486.65, Radio Reyna de la Selva, Chachapoyas 1030 and 2250 on June 3.

6019.65, Radio Victoria, Lima YL at 2300, signal in the clear 3 June.

6047.14, tentative, Radio Santa Rosa, Lima, strong carrier with no audio. Have programming on other occasions. 3 June.

(Bob Wilkner, Pómpano Beach, South Flórida, Cumbre DX via DXLD)

Santa Rosa de Lima is a patron saint, I guess, also as in New Mexico town (gh, DXLD)

**ROMANIA:** RRI refurbishes Galbeni TX site now. Via remaining Tiganesti and Saftica transmitters:

ROMANIAN "Curierul romanesc" Suns only

0700-0756 9700 15260 - 11970 17720 not on air.

0800-0856 11875 11970 - 9700 15450 not on air.

0900-0956 11830 15380 - 11925 15250 not on air.

FRENCH 1000-1056 11830 15250\* [?] 15380. - 17785 not on air.

GERMAN 1100-1156 9525 11775.

ENGLISH 1200-1256 15220. - 11875 not on air.

ROMANIAN 1200-1256 7165\* 11920. - 15195 not on air.

CHINESE 1300-1326 11795 15435. ??

RUSSIAN 1330-1356 9790 11855. ??

ARABIC 1400-1456 11945. - 15160 not on air.

ROMANIAN 1400-1456 11965. - 9760 not on air.

ITALIAN 1400-1426 7170\*.

AROMANIAN 1430-1456 7170\*.

UKRAINIAN 1500-1526 7210\*.

RUSSIAN 1500-1556 7325 9760.

SERBIAN 1530-1556 6135\*.

ITALIAN 1600-1626 9620\*.  
 FRENCH 1600-1656 9680. - 11950 not on air.  
 ROMANIAN 1600-1656 9690. - 7205 not on air.  
 AROMANIAN 1630-1656 7135\*.  
 ENGLISH 1700-1756 11735. - 9535 not on air.  
 UKRAINIAN 1700-1726 6135\*.  
 ROMANIAN 1700-1756 11865. - 9625 not on air.  
 SERBIAN 1730-1756 6105\*.  
 ITALIAN 1800-1826 7130\* till Sep. 6.  
 GERMAN 1800-1856 7160. - 9775 not on air.  
 ROMANIAN 1800-1856 9625. - 11945 not on air.  
 AROMANIAN 1830-1856 7130\* till Sep. 6.  
 SPANISH 1900-1956 11715. - 9775 not on air.  
 UKRAINIAN 1900-1926 5910 7205\*.  
 SERBIAN 1930-1956 6130\* 7215. [formerly ex6065\* ex7140]  
 FRENCH 2000-2026 7215 9655.  
 ENGLISH 2030-2056 9515 11940. - 11810 15465 not on air.  
 SPANISH 2100-2156 9755 11965.  
 ENGLISH 2200-2256 7185 9790. - 9675 11940 not on air.  
 SPANISH 2300-2356 9655 9745. ?? - 11880 11935 not on air.  
 ENGLISH 0000-0056 9775. ?? - 11790 not on air.  
 ROMANIAN 0000-0056 9525. - 11960 not on air.  
 ROMANIAN 0100-0156 9525. - 11960 not on air.  
 FRENCH 0100-0156 6130. ?? - 9515 not on air.  
 SPANISH 0200-0256 5975 9520. ?? - 9645 11945 not on air.  
 ENGLISH 0300-0356 6150 11895. ?? - 9645 9735 not on air.  
 CHINESE 0400-0426 11790 15215. ??  
 RUSSIAN 0430-0456 7190 9555. ??  
 FRENCH 0500-0526 7180 9655.  
 ENGLISH 0530-0556 9655 17770. ?? - 11830 15435 not on air.  
 GERMAN 0600-0626 7125 9740.  
 ARABIC 0630-0656 9700 11730. - 9685 11790 not on air.

\* Saftica 50 kW site.

(Wolfgang Büschel, wwdxc BC-DX TopNews May 21)

**RUSSIA:** Voice of Russia started a transmisson in Kurdish from May 19:

1600-1700 on 5925 Nov 500 kW 240 deg

7325 ARM 100 kW 190 deg + MW 1314 ERV-Armenia 1000 kW

(R BULGARIA DX MIX News, Ivo Ivanov, via wwdxc BC-DX May 26)

**RUSSIA [and non]:** FOREIGN RELAY VIA SW TRANSMITTERS OF RUSSIA AND COUNTRIES OF CIS  
 30/03/2008 - 24/10/2008:

kHz / UTC / kW / radiostation

Moscow / RUS

7175 2200-2300 250 CRI

7200 1830-1930 500 CRI

7225 1930-2000 200 CRI

7340 1900-2000 250 YFR

9490 1900-2000 250 YFR

12085 1600-1630 (Mon-Fri) 150 BBC

12085 1600-1700 (Sat, Sun) 250 BBC

13685 0500-0700 250 VRT

13685 1700-1800 250 VRT

Sankt-Peterburg / RUS

7130\* 1600-1700 400 CRI

7130 1800-1830 400 CRI

12065\*\* 1600-1700 400 CRI

\* 07/09/08 - 24/10/08 \*\* 30/03/08 - 06/09/08

Samara / RUS

5935\* 1800-1830 250 IBR

7240 1800-2000 250 YFR

7320 1900-2000 250 YFR

7320 2030-2130 500 CRI

9615 1800-1900 250 YFR

9825\*\* 1800-1830 250 IBR

9850 1400-1600 250 YFR

11955 1600-1645 (Mon-Wed) 250 TWR

11955 1600-1630 (Thu,Fri) 250 TWR

12055 1400-1500 250 YFR

12075 1400-1500 250 YFR

13590 1400-1500 250 YFR

15530 0400-0500 (Mon-Thu) 250 FEB

15530 0400-0530 (Mon-Sun) 250 FEB

[sic; means Fri-Sun? see 9840]

\* 07/09/08 - 24/10/08 \*\* 30/03/08 - 06/09/08

Krasnodar / RUS

7180 0100-0200 500 BBC

7270 1730-1930 200 DWL

7320 0330-0430 200 BBC

7320 1800-1900 300 YFR

9735 1600-1700 300 YFR

9830 1430-1600 200 FEB

9840 1530-1600 (Mon-Thu) 100 FEB

9840 1515-1600 (Fri-Sun) 100 FEB

11655 1600-1630 300 FEB

11810 1700-1900 300 YFR

11825 1630-1700 250 RPR

12060 1900-2100 250 YFR

12065 1400-1600 250 YFR

12075 1500-1600 300 YFR

12100 1600-1700 250 YFR

13745 1400-1430 300 BBC

13840 1400-1500 250 DWL

15450 1330-1500 200 BBC

15460 0500-0530 (Mon-Wed) 250 BVB

15460 0500-0545 (Fri) 250 BVB

15470 1400-1430 (Tue,Thu,Sat) 300 SIR  
15505 0600-0630 (Mon-Fri) 500 SIR

## Novosibirsk / RUS

9900 1230-1315 100 VAT  
11930\* 1300-1545 200 TWR  
11990 1300-1500 200 VOA  
12045 2200-2300 200 RFI  
12085\*\* 0015-0130 200 TWR  
\* alternative 9445, 11745 \*\* alternative 9445

## Novosibirsk (Oyash) / RUS

9500 1400-1500 250 FEB  
9625 1400-1500 250 YFR  
9900 2300-2350 500 DWL  
12035\* 2315-2400 250 VAT  
12055 1200-1300 250 IBR  
12055\* 1315-1400 500 VAT  
13770 0300-0400 250 DWL  
15490 1200-1300 250 YFR  
15560 0200-0330 250 VAT  
\* 30/03/08 - 06/09/08

## Irkutsk / RUS

6135 1100-1500 100 YFR  
7210 1500-1700 250 RFA  
7215 1400-1500 250 YFR  
9415 1230-1600 250 TWR  
9450 0900-1200 250 YFR  
9465 1200-1300 250 YFR  
9615 1200-1500 500 YFR  
9900 1000-1100 250 YFR  
11895 1200-1400 250 YFR  
12025 0930-1030 500 RFI  
12035\* 2200-2245 250 VAT  
15635 0300-0700 500 RFA  
17710 0230-0300 250 BBC  
\* 05/05/08 - 06/09/08

## Chita / RUS

6140\* 1315-1400 500 VAT  
7250\*\* 1300-1330 (Tue, Thu, Sat) 250 DEG  
7320 1400-1600 500 YFR  
\* 07/09/08 - 24/10/08 \*\* alternative 7260, 7350

## Vladivostok / RUS

5980 1300-1330 250 DWL  
7205 1030-1150 250 DWL  
9900 1100-1200 250 YFR  
12035\* 2315-2400 250 VAT  
13850 1100-1300 200 YFR  
15535 2330-0030 250 RFA  
15595 0000-0100 250 DWL  
\* 07/09/08 - 24/10/08

## Khabarovsk / RUS

5945 1115-1300 100 BVB  
11830 2300-2350 100 DWL  
12035\* 2200-2245 100 VAT  
13785 0000-0045 100 VAT  
13820 1000-1100 100 RNW  
\* 30/03/08 - 04/05/08 and 07/09/08 - 24/10/08

## Komsomolsk-na-Amure / RUS

5970 1200-1300 250 YFR  
7245 1000-1100 250 YFR  
11725 1100-1500 250 YFR  
17525 0000-0100 250 DWL

## Petropavlovsk-Kamchatsky / RUS

5910 1045-1130 (Sat) 200 BVB  
5910 1015-1145 (Sun) 200 BVB  
5910 1300-1400 250 RNW  
7205 1200-1300 200 IBR  
9865 1100-1500 250 YFR  
12065 1000-1100 250 RNW

## Almaty / KAZ

7410\* 2345-0015 200 TWR  
7430 2200-2300 500 DWL  
9950 1430-1500 (Tue, Fri) 200 VOO  
9985\*\* 2345-0015 200 TWR  
11520 1300-1400 200 YFR

12150 1100-1500 500 YFR  
13690 1330-1500 (Sun) 200 BBC  
13810 1300-1500 500 YFR  
\* 07/09/08 - 24/10/08 \*\* 30/03/08 - 06/09/08

## Gavar / ARM

7510 2000-2030 300 RFK  
9950 2100-2200 300 FNK  
15480 1430-1530 300 DVB  
15755\* 1200-1300 300 FCH  
\* alternative 15145, 13650

## Griroriopol / MDA

6040 2000-2200 500 RNW  
7430 2000-2200 300 YFR  
7460 0230-0315 500 RPD  
7480 1800-1845 500 RPD  
11935 0600-0700 500 RNW  
13665 1500-1600 300 YFR

## Nikolaev / UKR

7520 1600-1800 250 YFR  
7540\* 1600-2000 500 MEZ  
11530 0400-1600 500 MEZ  
\* alternative 11530

## Tashkent / UZB

6260 0000-0400 100 CVC  
6260 1400-2000 100 CVC  
7370 1500-1530 100 FEB  
7375 0015-0100 100 FEB  
7510 1400-1600 200 YFR  
9345 1400-1600 100 RNW  
9365 1400-1500 200 YFR  
9495 1700-1900 200 YFR  
9540 1430-1500 100 FEB  
9695 1230-1300 100 VAT  
9975 0100-0400 100 CVC  
11790 0100-0300 100 CVC  
11850 1430-1600 100 VAT  
13630 0400-1100 100 CVC  
13680 0300-0600 100 CVC  
13745 0100-0130 200 BBC  
13820 1100-1400 100 CVC  
15515 0300-0900 100 CVC

## Orzu / TJK

7540 2300-2400 500 RFA  
15755\* 1330-1430 300 RFK  
\* alternative 11560

## Yangiul / TJK

5840 1800-1830 200 RPR  
5845\*\* 1400-1700 100 YFR  
7485 1400-1430 (Thu, Fri) BVB  
9350 0100-0200 200 RFA  
9370 1500-1600 200 RFA  
9370 1600-1700 200 RFA  
9395 1330-1530 200 BBC  
13830 1100-1400 200 RFA  
15680\* 1200-1300 (Mon-Sat) 100 QUE  
17510 0600-0700 200 RFA  
16 mb\*\* 1100-1600 100 VOT  
\* frequency + - 20 kHz \*\*\* alternative 5855

## Radio station:

BBC - British Broadcasting Corp.  
BVB - Bible Voice Broadcasting Network  
CRI - China Radio Int.  
CVC - CVC Int.  
DEG - Degar Voice  
DVB - Democratic Voice of Burma  
DWL - Deutsche Welle  
FEB - FEBA Radio  
FCH - Radio Free Chosun  
FNK - Open Radio For North Korea  
IBR - IBRA Radio  
MEZ - Voice of Mesopotamia  
QUE - Que Huong Radio  
RFA - Radio Free Asia  
RFI - Radio France Internationale  
RNW - Radio Nederland Wereldompoep

RPD - Radio Payam-e Doost  
 RPR - Radio Prague  
 RFK - Radio Free North Korea  
 SIR - Southern Sudan Interactive  
 TWR - Trans World Radio  
 VAT - Radio Vaticana

VOA - Voice of America  
 VOO - Voice of Orthodoxy  
 VOT - Voice of Tibet  
 VRT - Radio Vlaanderen Int.  
 YFR - WYFR Family Radio

(Nikolay Rudnev, Stroutel, Belgorodskaya oblast, 30/04/08, Rus-DX May 18 via DXLD)

**SINGAPORE:** 6080, Radio Singapore International, 1133-1230, Jun 7, English, News, Program "Connections with ?". Talking about world food prices and rice prices in particular. Program "Perspectives" Talking about interior design concepts to help employee be motivated, energetic and refreshed. Also on 6150 both have interference but 6080 is the better of the two. I finally nailed this after more than 4 months of trying! Poor (Mike Rohde, Hilliard, Ohio, Ten-Tec RX-340, EW-SWL sloper, NASWA Flashsheet via DXLD)

**SLOVAKIA: RSI will cease operation on SW at the end of July 2008, as to different sources. (we)**

Frequency change of Miraya FM Radio in English/Arabic to Sudan:

1500-1800 NF 15650\*RS0 150 kW / 160 deg, x9825. Very good signal in BUL!  
 \*strong co-ch Voice of Oromiya Independence in Oromo/Amharic on Sat via W.

New txion of NEXUS-IBA IRRS Shortwave in English to SoAs/FE from June 1:

1400-1430 on 15725 RS0 150 kW / 095 deg Sunday only. NO SIGNAL ON JUNE 1!!!  
 (R BULGARIA DX MIX News, June 3)

**SPAIN:** Frequency change of REE in French and English to CAf Mon-Fri:

1900-2100 NF 11620#Noblejas 250 kW 161 deg, x11625 to avoid Vatican R # co-ch All India Radio in English/Hindi.  
 (R BULGARIA DX MIX News, May 26)

**SRI LANKA:** On May 24th at 0330 on 15745 just before the close down of English broadcast the Lady said "it is 9 o'clock". Updating previous info SLBC in English is on the air 0130-0330 UT, but on Sundays till 0500 (feature "Sunday Morning Show" till 0400 UT followed by religious Evangelic program in English till 0500 (fade out here).  
 (Rumen Pankov, Bulgaria, wwdxc BC-DX TopNews May 29)

Frequency change for Deutsche Welle in Chinese from May 17:

1300-1330 NF 13735 CLN 250 kW 060 deg, x13840 to avoid CNR-1 in Chinese  
 (R BULGARIA DX MIX News, May 26)

**SWEDEN:** Frequency changes of Radio Sweden from May 18 & 25:

1500-1530 NF 11595 HB 500 kW 120 deg to WeAS, x11590 in Swedish  
 1530-1600 NF 11595 HB 500 kW 120 deg to WeAS, x11590 in English  
 1600-1630 NF 7480 HB 500 kW 085 deg to EaEU, x 7485 in Swedish  
 1630-1700 NF 7480 HB 500 kW 085 deg to EaEU, x 7485 in Russian  
 1700-1730 NF 11555 HB 500 kW 120 deg to WeAS, x11540 in Swedish Mon-Sat  
 1730-1800 NF 11555 HB 500 kW 120 deg to WeAS, x11540 in Arabic Mon-Fri  
 (R BULGARIA DX MIX News, May 26)

**UAE:** IRIN Radio (Integrated Regional Information Network) in Somali to Somalia:

0830-0845 NF 13685 UAE 250 kW 225 deg, x1730-1745 on 7290 MEY 100 kW  
 (R BULGARIA DX MIX News, May 26)

**U.K.:** Some changes of VT Communications relay:

West Africa Democracy Radio to WeAF in English/French/English/French:  
 0700-1100 on 17875 Sk 300 kW 180 deg, cancelled from May 19.  
 (R BULGARIA DX MIX News, May 26)

**U.K./U.A.E.:** Some VT Communications changes:

Trans World Radio Africa from June 1  
 1730-1800 on 9805 UAE 250 kW / 230 deg to EaAf Tigrinya Sun, exFri  
 Leading The Way, all cancelled from June 1:  
 0330-0400 on 9845 Sk 300 kW / 090 deg to WeAs Persian/English Fri  
 0330-0400 on 9845 Sk 300 kW / 070 deg to RUS Russian/English Sun  
 (R BULGARIA DX MIX News, June 6)

**USA:** Summer A-08 of WEWN Global Catholic Radio:

## English

0000-0600 on 11520 EWN 500 kW / 040 deg to ME  
 0600-0800 on 7570 EWN 500 kW / 040 deg to WeEu  
 0800-1100 on 9355 EWN 500 kW / 355 deg to SEaAs  
 1100-1400 on 11560 EWN 500 kW / 355 deg to SEaAs  
 1400-1900 on 15855 EWN 500 kW / 020 deg to SAs  
 1900-2200 on 17595 EWN 500 kW / 085 deg to WAF  
 2200-2400 on 15665 EWN 500 kW / 085 deg to WAF

## Spanish

0000-0800 on 5810 EWN 500 kW / 220 deg to CAm  
 0000-0800 on 11870 EWN 500 kW / 155 deg to SAm  
 0800-1200 on 7455 EWN 500 kW / 220 deg to CAm  
 0800-1200 on 9920 EWN 500 kW / 155 deg to SAm  
 1200-1400 on 7425 EWN 500 kW / 220 deg to CAm  
 1200-2400 on 17510 EWN 500 kW / 155 deg to SAm  
 1400-2400 on 11550 EWN 500 kW / 220 deg to CAm

(R BULGARIA DX MIX News, May 21)

## Voice of Biafra International in Ibo via WHRI Angel 1 from June 6

2000-2100 NF 15280 HRI 250 kW / 087 deg to Af Fri only, ex17520  
 (R BULGARIA DX MIX News, June 6)

## Frequency change of WWCR:

1100-1600 NF 7490\*WCR 100 kW 040 deg, x7465

\* co-ch RFA in Korean from 1500

(R BULGARIA DX MIX News, May 26)

**USA [non]:** Some frequency changes for IBB:

0200-0300 NF 12025 CLN 250 kW 348 deg, x 9460 RL Uzbek  
 1000-1200 NF 9585 LH 100 kW 055 deg, x21530 RL Russian  
 1230-1330 NF 12140 MRA 250 kW 267 deg, x11870 RFA Khmer  
 1400-1500 NF 9345 PH 050 kW 285 deg, x15185 VOA English  
 1400-1500 NF 12005 TH 250 kW 316 deg, x11715 RL Uzbek  
 1400-1600 NF 7430 PH 250 kW 270 deg, x 7125 VOA English  
 1500-1600 NF 9345 CLN 250 kW 049 deg, x13735 VOA English  
 1530-1600 NF 12110 CLN 250 kW 315 deg, x11665 VOA Persian  
 (R BULGARIA DX MIX News May 26)

## [GERMANY/KUWAIT/SRI LANKA/THAILAND]:

## Frequency changes for Voice of America:

## Radio Aap Ki Duniya in Urdu from June 1:

0000-0100 on 7135 IRA, 11755 IRA >>> new txion  
 0100-0200 on 7145 IRA, 11805 UDO >>> cancelled  
 1300-1400 on 9340 KWT/UDO, 15790 IRA, new txion  
 1400-1500 on 9510 UDO, 15790 KWT >>> cancelled

## Deewa Radio in Pashto from June 1:

1200-1300 on 7445 TH, 9310 KWT, 9380 CLN/TH, 9780 CLN >>> new txion  
 1800-1900 on 7445 CLN, 9310 KWT/TH, 9380 TH, 9780 TH/KWT, cancelled

## Kurdish from May 29:

1900-2000 NF 12030 LH 100 kW / 104 deg, x11745 to avoid VO Russia French

## Ukrainian from June 4:

2000-2030 NF 7170 Biblis 100 kW / 088 deg, x7230 Mon-Fri  
 2000-2015 NF 7170 Biblis 100 kW / 088 deg, x7230 Sat/Sun  
 (R BULGARIA DX MIX News, June 3)

**USA/HAWAII:** Updated summer A-08 of World Harvest Radio:

## WHRI Angel 1

1300-1800 on 9495  
 1800-1900 on 17520 Mo-Fr  
 1800-1900 on 9495 Sa/Su  
 1900-2000 on 9495 DXWC 1930 Sa



2000-2100 on 17650 VOBI Fr  
 2000-2100 on 9495 Sa-Thu  
 2100-2300 on 7385  
 2300-1300 on 7315 DXWC 0130&0430 Sa; 0330 Su

## WHRI Angel 2

0000-0300 on 7385  
 0300-0400 on 6110 Mo-Fr  
 0300-0400 on 7385 Sa/Su  
 0400-0700 on 7365  
 0700-0900 on 11565 Mo-Fr  
 0700-0900 on 5875 Sa/Su  
 0900-1000 on 5875  
 1000-1200 on 9425  
 1200-1300 on 9410 BBCS Mo-Fr  
 1300-2000 on 9840  
 2000-2200 on 15665  
 2200-2400 on 9615

## KWHR Angel 3

0100-0500 on 17800 JAP# 0430 Sa  
 0500-0800 on 13650 JAP\* 0500 Su  
 0800-1200 on 9930 JAP\* 0800 Sa  
 1200-1300 on 12130 HMAR 1200 Wed  
 1300-1400 on 9930 Mo-Fr  
 1300-1400 on 12130 Sa/Su  
 1400-1800 on 9930 SOHR 1400 Mo-Sa; DXWC 1500 Su

## KWHR Angel 4

0500-1100 on 11565 DXWC 0500 Su

## WHRA Angel 5

0500-0700 on 7490 Sa/Su  
 1200-1400 on 15710 Sa/Su  
 1400-1600 on 15195 Sa/Su RUS# 1530 Sun  
 1600-1800 on 17520  
 1800-2000 on 17690 DETE 1900 Mo; VOMD 1800 Thu/Fr  
 2000-2100 on 7520 Mo-Fr  
 2000-2100 on 11885 Sa/Su  
 2100-2300 on 11885  
 2300-0500 on 5850 DXWC 0230 Sa/Su; RUS\* 0300 Su

## WHRI Angel 6

0000-0700 on 5875  
 0700-1300 on 7385 DXWC 1000 Su  
 1300-2400 on 11785 HMLR 1300 Sa/Su; DXWC 1430 Sa/Su; 1830 Sa; HWCR 1400 Sa

BBCS = BBC in Spanish (60 min.)

DETE = Demitse Tewahedo in Amharic (60 min.)

DXWC = DXing With Cumbre in English (30 min.)

HMAR = Hoa-Mai Radio in Vietnamese (30 min.)

HMLR = Hmong Lao Radio in Lao (60 min.)

HWCR = Hmong World Christian Radio (30 min.)

JAP# = Japanese txions (30 min.)

JAP\* = Japanese txions (60 min.)

RUS# = Russian txions (30 min.)

RUS\* = Russian txions (60 min.)

SOHR = Sound of Hope Radio in Chinese (180 min.)

VOBI = Voice of Biafra International in Ibo (60 min.)

VOMD = Voice of Meselina Delina in Tigrinya (30 min.)

(R BULGARIA DX MIX News, June 3)

**USA [non, ARMENIA, KAZAKHSTAN, MOLDOVA, RUSSIA, TAJIKISTAN, UKRAINE]:**

Summer A-08 of WYFR Family Radio via TV Radio Waves(TRW):

1400-1700 on 5845 Du 100 kW / 137 deg Hindi

1200-1300 on 5970 Kam 250 kW / 313 deg Korean  
 1100-1500 on 6135 IK 100 kW / 110 deg Chinese  
 1400-1500 on 7215 IK 250 kW / 224 deg Nepali  
 1800-2000 on 7240 Sam 250 kW / 188 deg Arabic/English  
 1000-1100 on 7245 Kam 100 kW / 178 deg Japanese  
 1400-1600 on 7320 UZB 250 kW / 240 deg English  
 1800-1900 on 7320 ARM 300 kW / 290 deg German  
 1900-2000 on 7320 Sam 250 kW / 284 deg German  
 1900-2000 on 7340 M 250 kW / 264 deg Spanish  
 1000-1200 on 7430 UZB/A-A 200 kW / 094 deg Chinese  
 2000-2200 on 7430 Kam 250 kW / 309 deg English  
 1400-1600 on 7510 UZB/TAC 200 kW / 131 deg Bengali  
 1600-1800 on 7520 SMF 250 kW / 131 deg Persian  
 1400-1500 on 9365 UZB/TAC 200 kW / 131 deg English  
 1400-1500 on 9405 ARM 300 kW / 110 deg Punjabi  
 0900-1200 on 9450 IK 250 kW / 110 deg English/English/Korean  
 1400-1700 on 9450 Sam 250 kW / 284 deg >>>> not active  
 1200-1300 on 9465 IK 250 kW / 152 deg Cebuano  
 1900-2000 on 9490 M 250 kW / 240 deg Italian  
 1700-1900 on 9495 UZB/TAC 200 kW / 311 deg Russian  
 1500-1600 on 9500 Nov 250 kW / 195 deg Urdu >>> from May 13  
 1200-1500 on 9615 IK 500 kW / 180 deg Indonesian/Indonesian/English  
 1800-1900 on 9615 Sam 250 kW / 284 deg Polish  
 1400-1500 on 9625 Nov 250 kW / 180 deg Tamil  
 1600-1700 on 9735 ARM 300 kW / 110 deg Punjabi  
 1100-1500 on 9865 P.K 250 kW / 263 deg Chinese  
 1000-1100 on 9900 IK 250 kW / 152 deg English  
 1100-1200 on 9900 Vla 250 kW / 220 deg Ilocano  
 1500-1700 on 11505 ERV 300 kW / 100 deg Punjabi/Urdu  
 1300-1400 on 11520 UZB/A-A 200 kW / 132 deg Burmese  
 1600-1700 on 11630 ARM 250 kW / 110 deg Punjabi >>> from May 13  
 1500-1600 on 11655 ARM 300 kW / 110 deg Marathi >>> from May 16  
 1100-1500 on 11725 P.K 250 kW / 244 deg Chinese  
 1200-1400 on 11895 IK 250 kW / 180 deg Vietnamese/English  
 1400-1500 on 12055 Sam 250 kW / 140 deg Gujarati  
 1900-2100 on 12060 ARM 250 kW / 290 deg French  
 1400-1600 on 12065 ARM 300 kW / 110 deg Urdu  
 1400-1600 on 12075 Sam 250 kW / 140 deg Kannada/Marathi  
 1100-1500 on 12150 UZB/A-A 250 kW / 094 deg Chinese  
 1400-1500 on 13590 Sam 250 kW / 140 deg Telugu  
 1500-1600 on 13665 Kam 500 kW / 116 deg Marathi  
 1300-1500 on 13810 UZB/A-A 500 kW / 121 deg English  
 1100-1300 on 13850 Vla 200 kW / 220 deg Tagalog/Indonesian  
 1200-1300 on 15490 Nov 250 kW / 155 deg Indonesian  
 (R BULGARIA DX MIX News, Ivo Ivanov, May 21)

**UZBEKISTAN:** Frequency change of CVC The Voice Asia in Hindi to India:

1100-1400 NF 9660 UZB/TAC 100 kW / 153 deg, x13820  
 (R BULGARIA DX MIX News June 3)

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**Info desk was closed on June 14th, 2008, at 1400 UTC.**

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

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## 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

**Kim Elliott** Dr. Kim Andrew Elliott <<http://kimandrewelliott.com>> - USA.

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

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

Others as stated at contribution.

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## Abbreviations:

with name of station: BC = Broadcaster, Int. = International, R = Radio, Vo = Voice of

Location of transmitters with frequency (QRG):

Al = Aligarh/India, ALB = Albany, ANT = Neth. Antilles, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing/China, BI = Biblis/DL, BIH = Bosnia-Herzegovina, BLR = Byelorussia, BOT = Botswana, Br = Brandon/Aus, CAN = Canada, CLN = Sri Lanka, CTR = Costa Rica, CYP = Cyprus, Du = Dushanbe, Dw = Darwin/Aus, F = Issoudun/France, Fl = Florida/USA, GAB = Gabun, 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, MR = Tanger/Marokko, 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, STP = St. Petersburg/RUS, SVK = Slovakia, SW = Sweden, ST = Sao Tomé , 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/DL, 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:

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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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# Hörfahrplan Englisch

## English Schedules

June 14 , 2008 / 14. Juni 2008

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

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

Time (UTC)	Station, Program	Frequencies, Transmitter Site, Day of Broadcast
..... 00:00 .....		
0000-0028	R Prague	7345, 9440 (NAm)
0000-0028	Int. Service of R Serbia	<b>6190</b> ; Mo-Sa (+ NAm)
0000-0030	HCJB	15525/Kun (SEAs)
0000-0030	Vatican R	7365, 9755, 11625 (Eaf)
0000-0020	R Japan	<b>5960/Sk</b> ; 6145/CAN (NAm); 13650, 17810 (SEAs)
0000-0030	R Thailand	9680 (Af)
0000-0030	VoA	1296/Afghanistan, 7555/KWT (ME/SAs)
0000-0045	AIR	9705/Panaji, 9950/Aligarh, 11620/Delhi, 11645/Delhi, 13605/Ban (As)
0000-0045	WYFR	17805 (CAm/SAM)
0000-0055	R Romania Int.	9775, 11790# (NAm)
0000-0100	DW	9885/CLN, 15595/Vla, 17525/Kom (EAs, SAs)
0000-0100	BBC WS	5970/OM, 6195/SNG, 7105/CYP, 9740/SNG, 11955/TH, 15335/SNG, 15360/TH, 17615/TH (As)
0000-0100	CRI Beijing	<b>7130/Xi</b> ; 6075/Kash, 7180/Kash, 11730/Ku, (SAs); 13750/Be (EAs), 11885/Xia (SEAs)
0000-0100	R Australia	9660x/Br, 12080x/Br, 13690/Sh, 15240/Sh, 17715/Sh, 17750/Sh, 17775/Dw, 17795x/Sh
0000-0100	R Netherlands	9845/ANT (NAm)
0000-0100	RCI	11700/Ku (SEAs)
0000-0100	REE	6055 (NAm)
0000-0100	R Ukraine Int.	7440/Lviv (NAm)
0000-0100	WYFR	11835 (CAm/SAM)
0000-0200	CRI	6020/ALB, 9570/ALB (NAm)
0000-0200	WHRI 2	5875 (NAm, SAM)
0000-0200	WWBS	11900/SSB#; Sa,Su, Mu
0000-0200	WWCR 4	9980 (NAm)
0000-0500	WEWN	11520 (ME/Af)
0000-0445	WYFR	6985, 9505 (NAm/CAm)
0000-0500	R Vanuatu	7260 (alt: 3945) (Pac)
0000-0600	University Network	5029, 6150, 7375, 9725 (NAm/CAm/SAM)
0000-0700	Vo Guyana	3290v, 5950v## (SAM)
0000-0700	NBC Port Moresby	9675 (SEAs)
0000-1000	WBCC	5110 (NAm)
0000-0400	WWRB	3185 (NAm)
0000-1200	WWCR 2 /G. Scott	5935 (NAm)
0000-1400	KAIJ	5775 (NAm) ##
0000-2400	AFRTS	7507#/USB/Costa Rica, 10320 (night 6350)/USB/Hawaii, 5446.5# Puerto Rico, 12579 (4319 night) /USB/Diego Garcia, 12133.5 (7811, 5446.5 night) /USB/FL, 13362 (5765 night) / USB/GUM
0000-2400	BBC WS	<b>648/Orfordness</b> , 675/HKG + local relais

0000-2400	CFRX Toronto	6070 # (relais CFRB)
0000-2400	CFVP Calgary	6030 (relais CKMX) (NAm)
0000-2400	CKZN St. John	6160 (NAm)
0000-2400	CKZU Vancouver	6160 (NAm)
0000-2400	R Bahrain	6010 (ME)
0000-2400	R UNAMSIL	6139v (Af)
0000-2400	SIBC	5020 (+ Pidgin)
0000-2400	Vo Malaysia (Traxx FM)	7295 (As/Pac)
0000-2400	WBOH	5920 (NAm)
0000-2400	WTJC	9370 (NAm)
0000-2400	ZXLA New Zealand	3935 (Pac)
0030-0045	PAB	6165/J ; Su (As)
0030-0045	R Tirana	9390 (NAm)
0030-0100	Bible Voice	9490/W; Fr/Sa/Su (SAs)
0030-0100	R Thailand	12095 (NAm)
0030-0100	R Vilnius	11690 (NAm)
0030-0100	VoA	9715/TH, 9780/PH, 11725/PH, 15185/PH, 15205/PH, 15290/PH, 15560/TH, 17820/PH (Special E)
0035-0100	R Austria	9870; Su, Mu (CAm/SAM)
0043-0058	R Austria	9870; Tue-Sa (CAm/SAM)
..... 01:00 .....		
0100-0128	Int R Serbia	6190
0100-0128	R Prague	6200, 7345 (NAm)
0100-0130	R Slovakia	5930 (NAm), 9440 (CAm/SAM)
0100-0130	Vo Vietnam	6175/CAN (NAm)
0100-0200	BBC WS	7320/CYP, 9410/OM, 9740/SNG, 11750/SNG, 11955/TH, 15310/TH, 15335/SNG, 15360/TH, 17615/SNG (As)
0100-0200	CRI	<b>9410/Kash</b> ; 9790/CAN, 9580/CUBA, 11730/Ku (-0130) (NAm/CAm); 15125/Be, 15785/Xi (SEAs), 6075/Kash, 11870/Kash (SAs)
0100-0200	R Australia	9660x/Br, 12080x/Br, 13690/Sh, 15240/Sh, 15415/Sh, 17715/Sh, 17750/Sh, 17795/Sh (As/Pac)
0100-0200	R Netherlands	9845/ANT
0100-0200	R Taiwan Int.	11875 (SEAs)
0100-0200	VoA	7430/KWT, 9780/CLN, 11705/TH (EAs, Pac)
0100-0200	Vo Indonesia	9525 (alt:11785, 15150) (SEAs)
0100-0200	Vo Korea, Py.	11735, 13760, 15180 (CAm)
0100-0200	Vo Korea, Py.	7140, 9345, 9730 (SEAs/China)
0100-0200	Vo Russia	7250/Arm, 9665/MOL, 13775/Vla, 15425/Pet (NAm)
0100-0200	WYFR	15195/TWN (SAs)
0100-0300	CVC Int.	11790/UZB (As)
0100-0330	SLBC	6005, 9770, 15745v (SAs)
0100-0500	KWHR	17800/Hawaii (As)
0100-0700	R Habana Cuba	6000, 6180 (NAm/SAM)
0105-0130	R Austria	9870; Su, Mo
0113-0130	R Austria	9870; Tue-Fr
0115-0130	R Austria	9870; Sa
0130-0200	R Sweden	6010/CAN (NAm)
0130-0200	VoA	6040/Sk, 9820/Sk (Special E) (Tu-Sa)
0130-0228	IRIB Tehran "Voice of Justice"	7235, 9495 (NAm)
0133-0200	R Austria	9870; Su, Mo
0143-0158	R Austria	9870; Tue-Sa
0145-0200	R Tirana	9390 (NAm)
..... 02:00 .....		

0200-0230	R Thailand	15275 (NAm)	0300-0400	VoA	1530/ST, 4930/BOT, 6080/ST, 9885/BOT, 12080/BOT, 15580/CLN (Af)
0200-0245	WYFR	11835 (CAm/SAM)	0300-0400	Vo Russia	5900/Kras, 9435/Pet, 9480/W, 9665/MOL, 9800/Arm, 9860/Vat, 12065/Kom, 13635/Pet, 13775/Vla (NAm)
0200-0245	R Myanmar	7185v (-0300 Sa/So)(As) #	0300-0400	Vo Turkey	7265 (Af)
0200-0250	Vo Korea, Py.	4405, 13650, 15100 (SEAs)	0200-0300	WHRI 2	6110 (NAm, SAM)
0200-0300	KBC	(6055) 6110/LTU	0300-0500	Channel Africa	3345 (EAf/CAf/SAf)
0200-0300	BBC WS	6035/SEY (Af) 9410/CYP, 11955/OM, 15310/TH (As)	0300-0500	CRI Beijing	15120/Be, 15785/Xi (Siberia)
0200-0300	CRI	<b>6195/CYP (ME)</b> 9550/Kash, 11770/Kash, 13640/Kash (CAs/SAs)	0300-0500	Vo Russia	15735*/Kom (As)
0200-0300	R Australia	9660x/Br, 12080x/Br, 13690/Sh, 15240/Sh, 15415/Sh, 15515/Sh, 17750x/Sh, 21725x/Sh	0300-0900	CVC Int.	15515/UZB (SAs)
0200-0300	RAE	11710 (NAm) (Tue - Sa)	0300-0830	Vo Malaysia	6175, 9750, 15295 (alt: 9665) (SEAs)
0200-0300	R Bulgaria	9700, 11700 (NAm)	0300-0900	WMLK	9265 (NAm)
0200-0300	KBS World	9580/CAN (NAm)	0300-2100	R Uganda	4976, 5026#, 7196# (EAf)
0200-0300	R Pilipinas	11880, 15285, 15510 (As, Pac)	0330-0355	R Tirana	<b>7425 (NAm)</b>
0200-0300	R Taiwan Int.	5950/FL, 9680/FL (NAm)	0330-0358	R Prague	6080/CAN (NAm); 9445, 11600 (ME/As);
0200-0300	Vo Russia	9480/W, 9665/MOL, 9860/Vat, 13775/Vla, 15425/Pet (NAm)	0330-0400	Vo Vietnam	6175/CAN (NAm)
0200-0300	WHRI 2	7385 (NAm, SAM)	<b>0330-0430</b>	<b>R Tanzania</b>	<b>5050 (SAf)</b>
0200-0300	WYFR	5985, 11855 (SAM)	----- <b>04:00</b> -----		
0200-0330	KJES	7555 (NAm)	0400-0430	R France Int.	9805, 11995 (EAf)
0200-0330	R Cairo	7270 (NAm)	0400-0500	DW	7225/Ram, 7245/RRW, 12045/UAE, 15445/CLN (CAf/WAf)
0200-0400	WRMI	9955 (NAm)	0400-0500	BBC WS	<b>1323/CYP, 5875/NOR*</b> ; 9410/Ram, 12095/CYP, 15565/CYP (Russia); 3255/RSA, 6005/ASC, 6190/RSA, 7120/RSA, 7160/ASC, 12035/Sk, 12095/CYP, 11945/SEY (Af); 15310/OM, 15360/OM, 17790/TH (As);
0200-0630	Vo Kenya	4934; 6045# (Af) (Sa, So 0230-)	0400-0500	CRI	6020/CAN, 6080/CAN (NAm); 9755/GUF, 13750/Be (SAs)
0200-0900	WWCR 1	3245 (Am)	0400-0500	R Australia	9660x/Br, 12080x/Br, 13690/Sh, 15240/Sh, 15415/Sh, 15515/Sh, 17750/Sh, 21725x/Sh (As/Pac)
0200-1100	WWCR 4	5890 (Am)	0400-0500	R Netherlands	6165/ATN (NAm)
0215-0230	R Nepal	3230, 5005, 7165# (As)	0400-0500	VoA	1530/ST (-0430), 4930/BOT, 4960/ST, 6080/ST, 9575/MDG, 11835/BOT, 12080/BOT, 15580/CLN (Af)
0230-0300	R Sweden	6010/CAN (NAm); 11550/MDG (As/Pac)	0400-0500	Vo Russia	<b>630/Braunschweig, 693*/Berlin, 1431/Dresden, 1575/Burg</b> ; 9435/Pet, 9665/MOL 9800/Kras, 9860/Vat, 9800/Arm, 13635/Pet, 13775/Vla (NAm)
0230-0300	R Tirana	7425 (NAm)	0400-0500	WYFR	<b>7780</b> ; 9715 (NAm/CAm)
0230-0300	Vo Vietnam	6175/CAN (NAm)	0400-0600	CRI Beijing	17730/Xi, 17855/Be (CAs)
<b>0245-2245</b>	<b>R 2 Zambia</b>	<b>6165 (SAf)</b>	0400-0700	WHRI 2	7365 (Am)
0250-0315	Vatican R	6040/CAN, 7305 (NAm)	0400-1500	Christian Voice	6065 (Af)
----- <b>03:00</b> -----			<b>0430-0500</b>	<b>R Nile</b>	<b>12060/MDG, 15320/MDG (+ VNI) (Sa-Tue)</b>
0300-0315	R Vo Croatia	9925/J (NAm)	0430-0600	TWR Swaziland	3200, 4775 (-0900) Mo-Fr (SAf)
0300-0328	R Prague	7345, 9870 (NAm)	0430-1000	R Nigeria	3326/Lagos, 4770/Kaduna, 4990/Lagos, 6025/Enugu #, 6050/Ibadan, 6090/Abuja (Nigeria)
0300-0330	Sudan R Service	5975/RRW (Af) Mo-Fr	0458-0658	RNZI	11725, 9890* (Pac/NAm)
0300-0330	TWR	3200/SWZ; Su (SAf)	----- <b>05:00</b> -----		
0300-0330	Vatican R	7360, 9660 (Af)	0500-0530	Vatican R	<b>1530, 5965, 7250</b>
0300-0350	Vo Turkey	<b>5975, 7265 (+ Af);</b> 7325/CAN (NAm)	0500-0530	DW	9700/RRW, 9825/AFS (CAf/SAf)
0300-0400	BBC WS	<b>9410/CYP;</b> 3255/RSA, 6005/RSA, 6145/ASC, 6190/RSA, 7160/ASC, 9750/SEY, 12035/CYP, 11945/SEY (0330-) (Af) 15310/OM, 15360/OM, 17790/TH (As)	0500-0530	R France Int.	13680, 15160 (Af)
0300-0400	Channel Africa	6135 (EAf/CAf/SAf)	0500-0530	Vatican R	9660, 11625, 13765 (Af)
0300-0400	CRI	9690/Spain, 9790/CUBA (NAm); 11770/Kash, 13750/Be, 15110/Kash (SAs)	0500-0555	Channel Africa	9735 (WAF)
0300-0400	DW	1458/CLN, 13770/Nov, 15595/UAE (SAs)	0500-0600	BBC WS	<b>6195/NOR*</b> ; <b>15565/CYP</b> (Russia); 3255/RSA, 6005/ASC, 6190/RSA, 7120/RSA, 7160/ASC, 11945/SEY 15420/SEY, 17640/CYP (Af) 12095/CYP, 15310/OM, 15360/OM, 17790/TH (As)
0300-0400	R Australia	9660x/Br, 12080x/Br, 13690/Sh, 15240/Sh, 15415/Sh, 15515/Sh, 17750x/Sh, 21725x/Sh (As/Pac)	0500-0600	CRI	5960/CAN, 6190/CAN (NAm)
0300-0400	R Cultural	3300 Tue or Wed (CAm)			
0300-0400	R Romania Int.	6150, 9645# (NAm W), 11895, 15220# (SEAs)			
0300-0400	R Sultanate of Oman	15355# (As)			
0300-0400	R Taiwan Int.	5950/FL (NAm), 15215/FL (SAM)			
0300-0400	R Ukraine Int.	7440/Lviv (NAm)			
0300-0400	WYFR	11740, 15255 (CAm/SAM)			
0300-0400	Vo Korea, Py.	3560, 7140, 9345, 9730 (NEChina)			

0500-0600	CRI	11710/ALB, 17505/Kash (Af/WAs)	0600-0700	VoA	1530/ST, 6080/ST, 6180/Gr, 12080/BOT, 15580/BOT (Af)
0500-0600	CVC	9430 (Af)	0600-0700	WYFR	<b>7520 (-0645); 11580;</b> 5810 (CAm), 9680 (Af)
0500-0600	R Australia	9660x/Br, 12080x/Br, 13690/Sh, 15160/Sh, 15240/Sh, 15415/Sh (0530-), 15515/Sh, 17750/Sh (As/Pac)	0600-0900	University Network	5029, 6150, 7375, 9725, 11870 (NAm/CAm/SAm)
0500-0600	R Japan	<b>5975/Sk;</b> 6110/CAN (-0530) (NAm), 11970/F (-0530) (Af); 15325 (As), 17810 (SEAs)	0600-0900	CVC Int	15515/Dw (SEAs)
0500-0600	R Ukraine	<b>9945/Kharkiv</b>	0600-0800	WEWN	<b>7570 (+ Af)</b>
0500-0600	TWR Swaziland	3200 (SAf)	0600-1000	R Vanuatu	4960 (Pac)
0500-0600	VoA	4930/BOT, 6080/ST, 6180/Gr, 12080/BOT, 15580/CLN (Af)	0600-1400	CVC	13590/Zambia (Af)
0500-0700	Vo Russia	17635/Kom, 21790/IK (Aus/Pac)	0600-1800	R Liberia	6100 #
0500-0700	WHRA	7490 (NAf/ME)	0600-2200	R Veritas, Liberia	5470 # (Waf)
0500-0600	WYFR	<b>9355</b>	0630-0700	R Bulgaria	<b>7200, 9400</b>
0500-0700	R Habana Cuba	6000, 6060, 6180, 9550, 11760 (NAm)	<b>0630-0700</b>	<b>Southern Sudan Interactive R Instruction</b>	<b>11945/RRW (Mo-Fr)(Waf)</b>
0500-0700	Vo Nigeria	7255# (Waf), 9690# (CAf/SAf), <b>15120 (+ NAf)</b>	0630-0700	Vatican R	11625, 13765, 15570 (Eaf)
0700-0900	Vo Russia	1251/Du (-0800); 17495/Du, 17635/Kom, 21790/IK (Pac)	0645-0820	TWR	<b>6105/W, 9870/MCO</b> Su;
0500-0800	Channel Africa	7230 (Af)	0659-1058	RNZI	7145, 6170* (NPAC)
0500-0800	KWHR	13650 (EAs)	<b>07:00</b>		
0500-0800	R Kuwait	15110 (ME/SEAs)	0700-0715	GBC, Accra	4915# (Waf)
0500-0800	Vo Russia	<b>630/Braunschweig, 693*/Berlin, 1323/Kal 1431/Dresden, 1575/Burg;</b>	0700-0728	R Prague	<b>9880, 11600</b>
0500-0900	CRI	11880/Kash, 15350/Ur (-0600)/Kash(0600-), 15465/Kash, 17505/Kash (-0800), 17540/Kash (CAs/SAs/WAs)	0700-0730	R France Int.	13675 (Waf)
0500-0900	TWR Swaziland	4775, 6120, 9500 (SAf)	0700-0730	R Slovakia	9440, 11650 (SAs/Aus/Pac)
0500-1100	KWHR	11565/Hawaii (As)	0700-0730	Voice of Holy Tibet	4905, 4920, 5240, 6110, 6130, 6200, 9490, 9580 (As)
0500-1300	WRMI	9955 (NAm) (+ Sp)	0700-0750	TWR	<b>6105/W, 9800/MCO</b> , Mo-Fr
0505-0520	R Austria	17870 Mo (ME)	0700-0800	BBC WS	11760/OM (ME)
0505-0530	R Austria	17870 Sa/Su (ME)			6190/RSA, 9860/RSA, 13820/Sk, 15400/ASC (Mo-Fr, Sa/Su -1130), 17830/RSA (Af)
0500-1500	CVC Int	6065/Sambia (Af)	0700-0800	R Australia	15310/TH, 15575/CYP (Sa/Su -0900), 17760/OM, 17790/OM (As)
0515-0525	R Rwanda	6055 (Eaf)			9660x/Br, 9475/Sh, 9710/Sh, 11650/Sh, 12080x/Br, 13630/Sh, 15160x/Sh, 15240/Sh, 15415/Sh, 17750x/Sh (As/Pac)
0530-0558	R Romania Int.	<b>9655, 11830#</b> , 15435#, 17770 (Pac)	0700-0800	R Taiwan Int.	5950/FL (NAm)
0530-0600	R Thailand	<b>11730 (+ Af)</b>	<b>0700-0730</b>	<b>Star R</b>	<b>9525/ASC (Waf)</b>
0530-0600	Sudan R Service	9525/UAE; Mo-Fr (Eaf)	0700-0800	WYFR	<b>7520;</b> 5985, 6915, 9715 (NAm/CAm) 9505 (SAm)
0535-0600	R Austria	17870 (Sa-Su) (ME)	0700-0815	Bible Voice	<b>5945/W (So)</b>
0545-0600	R Austria	17870 (Tue-Fr) (ME)	0700-0830	Vo Malaysia	9750, <b>15295</b>
<b>06:00</b>			0700-0830	R Myanmar	9730 # (As)
0600-0615	TWR	11640/RSA Sa/Su (Af)	0700-0845	Bible Voice	<b>5945/W (Sa)</b>
0600-0630	DW	7310/POR, 15275/RRW (Waf)	0700-0900	CRI Beijing	<b>11785/ALB, 13710/ALB, 17490/Kash</b>
<b>0600-0630</b>	<b>Ghana BC</b>	<b>4915 (Waf) #</b>	0700-0900	Vo Russia	1251/Du (As); 17495/TJK, 17635/Kom, 21790/IK (Pac)
0600-0630	R France Int.	15160, 17800 (Eaf); 11725 (Waf)	0700-0800	WADR	17875/Sk (Waf)
0600-0630	R Vietniane	7145 (SEAs)	0700-0900	WHRI 2	11565, 5875 (Am)
<b>0600-0630</b>	<b>Southern Sudan Interactive R Instruction</b>	<b>15440/UAE, 15505/ARM (Mo-Fr)(Waf)</b>	0700-0900	WYFR	9930 (Af)
0600-0645	TWR	11640/RSA Mo-Fr (Af)	<b>0700-1200</b>	<b>R Africa</b>	<b>15190 #</b>
0600-0655	Channel Africa	15255 (Waf)	0700-1300	CRI	<b>17490/Kash</b>
0600-0700	BBC WS	<b>6195/NOR*;</b> 6190/RSA, 9860/RSA, 11765/RSA, 13820/Sk, 15400/Sk, 15420/SEY (Sa/Su), 17640/CYP (Af); 12095/CYP, 15310/TH, 17790/TH (As)	0700-1300	NBC Port Moresby	4890 (SEAs)
0600-0700	CRI	11870/Kash, 15140/Kash (WAs); <b>11750/ALB (NEAf)</b>	0700-2200	Vo Guayana	3290, 5950## (SAm)
0600-0700	CVC	11720/W (EAs)	0715-0750	TWR	<b>6105/W, 9800/MCO;</b> Sa
0600-0700	R Filia / Vo Greece	<b>11645</b>	<b>0730-0800</b>	<b>Cotton Tree News</b>	<b>9525/ASC (Waf)</b>
0600-0700	R Australia	9660x/Br, 11650/Sh, 12080x/Br, 13690/Sh, 15160/Sh, 15240x/Sh, 15415/Sh (0630-), 15515/Sh, 17750x/Sh (As/Pac)	0730-0900	HCJB	11750/Kun (SEAs/Pac)
0600-0700	R Sana'a, Yemen	9780v (ME)	<b>08:00</b>		
			0800-0830	R Myanmar	9730 # (SEAs)
			0800-0835	KTWR	11840; Mo-Fr; Sa -0815 (SPAc)
			0800-0845	WYFR	5950, 5985, 6915 (NAm) 9505 (CAm)
			0800-0855	SARL	7205/RSA, 17570/RSA; Su (Af)
			0800-0900	BBC WS	6190/RSA, 9860/RSA, 15400/ASC, 17830/ASC, 17640/SEY, 21470/SEY (Af) 15310/TH, 17760/OM, 17790/OM (As)

0800-0900	KNLS	7355 (EAs)	1000-1100	CRI Beijing	11610/Xi, 13590/Be (Siberia); 11635/Be, 13620/Xi (EAs); 15190/Kash, 15350/Kash (SAs)
0800-0900	R Australia	9580/Sh, 9475/Sh, 9590/Sh, 9710/Sh, 12080/Br, 13630/Sh, 15415/Sh (0830-), 17750/Sh (As/Pac)	1000-1100	KNLS	6890 (EAs)
0800-0900	KBS World	9570 (SAs)	1000-1100	R Australia	9475/Sh, 9580/Sh, 9590/Sh, 11945/Sh, 12080/Br, 15415/Sh (As/Pac)
0800-0900	Vo Indonesia	9525 (alt: 11785, 15150) (As)	1000-1100	R Netherlands	11895/PH, 12065/PET, 13820/Khabarovsk, 15110/PH (EAs/Aus), 3560 (NEAs), 6285, 9535 (CAm/SAm); 6185, 9850 (SEAs)
0800-0900	Vo Russia	<b>630/Braunschweig 693*/Berlin, 1323/Kal, 1431/Dresden, 1575/Burg, 12060*/M, 15545*/M;</b> 1251/Du (As)	1000-1100	Vo Korea, Py.	15250 (15470) (Af)
0800-0900	KTWR	15170 (SEAs)	1000-1155	BSKSA Riyadh	15250 (15470) (Af)
0800-1000	CRI Beijing	11620/Xi (EAs)	1000-1200	CRI	6040/CAN (NAm); 13720/Xi, 13590/Be (SEAs)
0800-1000	Vo Greece / R Fila	<b>15630, 9420 Su</b>	1000-1200	WHRI 2	9425 (Am)
0800-1100	WEWN	9355 (SEAs)	1000-1200	WYFR	5950, 5985, 6910 (-1100), 9755 (NAm/SAm)
0800-1100	WADR	17875/Sk (Waf) (+ French)	<b>1000-1600</b>	<b>FRCN Lagos</b>	<b>7285 # (Af)</b>
0800-1600	Channel Africa	9625 (Af)	1000-1500	Vo Nigeria	9690 (Waf), <b>15120</b> (+ Naf), 17800# (CAf/SAf)
0800-1200	KWHR	9930/Hawaii (As)	1000-2200	Caribbean Beacon	11775
0805-0900	KTWR	15170/GUM; Tue, Thu (As)	1000-2100	WWCR 1	15825 (NAm)
0820-0900	KTWR	15170/GUM; Wed (As)	1015-1045	Bible Voice	5985/Kam; Su (As)
0830-0900	KTWR	15170/GUM; Mo (As)	1030-1045	R Ethiopia	5990, 7110, 9705v
0830-0900	R Vilnius	9710	1030-1058	R Prague	<b>9880, 11665</b>
0830-2130	ABC N Territories	2310, 2325, 2485 (Aus)	1030-1100	AWR /KSDA	11780 (CAs)
..... <b>09:00</b> .....			1030-1200	IRIB Tehran	15600, 17660 (SAs/Pac)
<b>0900-0915</b>	<b>Ghana BC</b>	<b>4915 (Waf) #</b>	<b>1030-1130</b>	<b>UNMEE</b>	<b>15135/UAE (Eaf); Tue (+ Amharic, Tigrina)</b>
0900-0928	R Prague	<b>9880</b> , 21745 (SAs/Waf) 9955/WRMl (NAm)	..... <b>11:00</b> .....		
0900-0930	R Japan	9825 (Hawaii); 11815 (SEAs), 15590 (SWAs)	1100-1130	Voice of Holy Tibet	(4905, 4920, 5240, 6110, 6130, 6200, 7385 (CAs))
0900-1000	BBC WS	6190/RSA, 9860/RSA, 15400/ASC, 17830/ASC, 17640/SEY, 21470/SEY (Af) 6195/SNG, 6195/TH, 9740/SNG, 15310/TH, 15575/CYP 17760/TH, 17790/OM, 21660/TH (As)	1100-1130	Vo Vietnam	1242, 7285, 9840 (SEAs)
0900-1000	BBS, Bhutan	6035 Su (SAs)	1100-1200	BBC WS	6190/RSA, 9860/RSA, 15400/ASC (-1130), 17640/SEY, 17830/ASC, 21470/SEY (Af) 6195/SNG, 9740/SNG, 15310/TH, 15340/SNG, 15575/CYP 17760/TH, 17790/OM (As/SEAs); 11760/OM (ME)
0900-1000	CRI	15270/Kas, 15350/Kash, 17690/Jin, 17750/Kash (SAs)	1100-1200	CRI Beijing	1269; 11750/CAN (NAm); 11650/Ur, 11660/Kash, 11795/Kash, 13645/Kash (SAs)
0900-1000	DW	15340/SNG, 17705/CLN (EAs)	1100-1200	R Australia	5995/Br, 6020/Sh, 9475/Sh, 9560/Sh, 9580/Sh, 9590/Sh, 11945/Sh (As/Pac)
0900-1000	R Australia	9475/Sh, 9580/Sh, 9590/Sh, 11945/Sh, 15415/Sh (0930-) (As/Pac)	1100-1200	R Taiwan Int.	7445, 11715 (SEAs)
0900-1000	R Ukraine Int.	<b>11550/Kharkiv</b>	1100-1200	R Ukraine Int.	<b>11550/Kharkiv</b>
0900-1000	R Tajikistan	7245 (CAs)	1100-1200	WYFR	7780, 9550 (-1145), 9525 (CAm/SAm)
<b>0900-1000</b>	<b>R UNMEE</b>	<b>15135/UAE (Af); Su (+ Tigrina)</b>	1100-1300	CRI Beijing	<b>13665/ALB; 17490/Kash</b>
0900-1000	WHRI 2	5875 (Am)	1100-1300	RNZI	6170*, 9655 (Pac)
0900-1000	WWCR 1	9985 (NAm)	1100-1400	R Singapore Int.	6080, 6150 (SEAs)
0900-1000	WYFR	5985, 6915, 9755 (NAm/CAm)	1100-1400	WEWN	11560 (SEAs)
0900-1100	CRI	<b>17490/Kash;</b> 15210/Ku, 15350/Kas, 17690/Jin (Aus/SPac)	1100-1600	CBC NQ	9625; Sa/Su (NAm)
0900-1100	CVC Int	15230/Dw (SEAs)	1100-1600	WWCR 3	7490 (NAm)
0900-1100	WYFR	9450/IK (EAs)	1100-1700	CRI	5955/Be (EAs)
0900-1200	University Network	5029, 6150, 7375, 9725, 11870, 13750 (NAm/CAm/SAm/Eu/Af)	1100-1800	CVC Int	13635/Dw (SEAs)
<b>0900-1030</b>	<b>R Tanzania</b>	<b>5050 (Eaf)</b>	1115-1130	Bible Voice	5950/Kha (EAs)
<b>0900-1315</b>	<b>Vo Kenya</b>	<b>7270; Mo-Fr (Eaf)</b>	1115-1145	R Nepal	3230, 5005, 6100 # (Nepal)
0930-1200	IRRS	<b>9510/SVK; Su</b>	<b>1130-1145</b>	<b>LV Rev. Burundi</b>	<b>6140 #</b>
..... <b>10:00</b> .....			1130-1200	AWR /KSDA	15460 (SEAs)
1000-1030	Vo Mongolia	12085 (SAs)	1130-1200	R Bulgaria	<b>11700, 15700</b>
1000-1100	AIR	7195/Mumbai, 13695/Ba, 15020/Aligarh, 15235/Ba, 15260/Delhi, 17510/Delhi, 17800/Ba, 17895/Aligarh (SEAs/Aus)	1130-1200	Vo Vietnam	9840, 12020 (As)
1000-1100	BBC WS	6190/RSA, 9860/RSA, 17645/SEY, 21470/SEY (Af) 6195/SNG, 6195/TH, 9740/SNG, 15310/TH, 15575/CYP 17760/TH, 17790/OM, 21660/TH (As) 11760/OM (ME)	..... <b>12:00</b> .....		
			1200-1215	R Nepal	5005 (As)

1200-1230	AWR /KSDA	15435/W (SAs)	1300-1400	KBS World	9570, 9770 (As)
1200-1230	HCJB	15400/Kun (As)	1300-1400	R Australia	6020/Sh, 9560/Sh, 9580/Sh, 9590/Sh (As/Pac)
1200-1230	R France Int.	21620 (Af)	1300-1400	VoA	9645/TH, 9760/PH (EAs, Pac)
1200-1230	R Japan	<b>17585/UAE</b> ; 6120/CAN (NAm); 9695 (SEAs)	1300-1400	Vo Greece / R Filia	<b>9420, 15630 Su</b>
1200-1245	WYFR	17555, 17795 (-2200) (CAm/SAM)	1300-1400	Vo Korea, Py.	4405 (EAs), <b>7570, 12015</b> ; 9335, 11710 (NAm)
1200-1258	R Polonia	<b>9525/W, 7330/N</b>	1300-1400	WYFR	11830, 11865, 11910, 13570, 17795 (NAm/CAm), 15670 (As); 17630/UAE (Af)
1200-1300	BBC WS	6190/RSA, 9860/RSA, 17830/ASC, 17640/SEY, 21470/SEY (Af)	1300-1500	R Jordan	11690 (NAm)
		6195/SNG, 9740/SNG, 11750/TH, 15310/TH, 15575/CYP, 17790/OM (As)	1300-1500	WYFR	11560/TWN (SAs); 17715/UAE (Af)
		11760/OM (ME)	1300-1600	CRI Beijing	9870/Xi (SEAs)
1200-1300	CRI Beijing	<b>13650/ALB, 13790/Ur, 17490/Kash</b>	1300-1600	WHRI 1	11785 (NAm, SAM)
1200-1300	CRI Beijing	11690/Xi (CAs); 9730/Be, 11980/Ku (SEAs), 9460/Kash, 11650/Ur, 11660/Kash, 13645/Kash (SAs)	1300-1600	WRMI	9955 (NAm) (+ Sp)
1200-1300	KBS World	9650/CAN (NAm)	1300-1550	RNZI	6170 (Pac)
1200-1300	KNLS	7355, 9780 (EAs)	1300-2200	WHRI 2	9840 (Am)
1200-1300	R Australia	6020/Sh, 9475/Sh, 9560/Sh, 9580/Sh, 9590/Sh, 11945/Sh (As/Pac)	1310-1340	R Japan	11985 (SWAs)
1200-1300	R Romania Int	<b>11875#, 15220</b>	1315-1400	China National R 2	3985, 6065, 6090, 6155, 7140, 7150, 7315, 7335, 7375, 9515, 9620, 9730, 9755, 9775, 9820, 11740 (English lessons)(China)
1200-1300	R Taiwan Int.	<b>9850*/Sk; Fr</b>	1330-1400	AWR /KSDA	15275/GUM (SAs)
1200-1300	VoA	6140/PH, 9360/PH (-1400), 9645/PH, 9760/PH, 12075/CLN (EAs, Pac)	1330-1400	Lao National R	7145 # (EAs)
1200-1300	WHRI 1	7385 (NAm, SAM)	1330-1400	R Sweden	15735 (As/ME/Af)
1200-1300	WHRI 2	9410 (Am)	1330-1400	VoA	9465/PH, 11725/TH, 15130/LH, 15565/Ram (As/Eu) Spec E
1200-1400	CRI	9760/Jin, 11760/Ku, 11980/Ku (Aus/SPac)	1330-1400	Vo Vietnam	9840, 12020 (As)
1200-1400	KWHR	12130/Hawaii (EAs)	1330-1500	AIR	7195/Mumbai, 9690/Ba, 11620/Delhi, 13710/Ba (SEAs)
1200-1400	WHRA	15710 (NAm)	1345-1400	KTWR	9975 (As)
<b>1200-1600</b>	<b>Vo Africa</b>	<b>21695/F, 17700/F, 17715/F (NAf) + Suaheli</b>	----- <b>14:00</b> -----		
1200-1600	University Network	9725, 11870, 13750 (NAm/CAm/SAM)	1400-1415	FEBA	12025/UAE; Su (As)
1200-2400	WWCR 2 /G. Scott	13845 (NAm)	1400-1415	PAB	13645/J; Tue, Sa (ME)
1205-1220	R Austria	<b>6155, 13730</b> ; 17715 (As/Pac)	1400-1415	PMR Pridnestrovje	<b>12135 (Mo-Fr)</b>
1205-1230	R Austria	<b>6155, 13730</b> ; Sa/Su (As/Pac)	1400-1427	R Prague	9955/WRMI (CAm/SAM)
1215-1230	R Austria	17715 Tue-Fr (As/Pac)	1400-1430	HCJB	15400/Kun, 15425/Kun (As)
1215-1330	R Cairo	17835 (SAs)	1400-1430	R Japan	<b>13630/Sk</b> ; 11705 (SEAs); 11985 (SWAs), 21560/F (Af)
1230-1300	Bangladesh Betar	4750, 7185 (As)	1400-1430	R Thailand	9725 (SEAs/Pac)
1230-1300	R Sweden	15240 (NAm)	<b>1400-1430</b>	<b>Southern Sudan Interactive R Instruction</b>	<b>15470/ARM (Tue/Thu/Sa)(Waf)</b>
1230-1300	R Thailand	9810 (SEAs/Pac)	1400-1500	BBC WS	6190/RSA, 9860/RSA, 17640/CYP, 17830/ASC (Af), 5980/TH, 6195/SNG, 9740/SNG, 11750/TH, 11920/TH, 12095/CYP, 15310/OM (As)
1230-1300	Vo Vietnam	9840, 12020 (SEAs)	1400-1500	Bible Voice	15680/N; Sa/Su (SAs)
1230-1325	VoTurkey	<b>15450</b> , 13685 (As/Aus)	1400-1500	BBS, Bhutan	6035 (SAs)
1230-2400	Vo Malaysia (Traxx FM)	7295 (As)	1400-1500	CRI Beijing	<b>13610/Kash, 13710/Kash, 13790/Ur</b>
1230-1330	HCJB	15540; Mo-Sa (As)	1400-1500	CRI Beijing	13740/CUBA (NAm) 9560/Kash, 11660/Kash, 11675/Ur, 11765/Ur, 11775/Kash (SAs); 9765/Xi (CAs)
1235-1300	R Austria	17715 Sa/Su (As/Pac)	1400-1500	KNLS	7355 (EAs)
1245-1300	R Austria	<b>6155-13730</b> ; 17715 Tue-Fr (As/Pac)	1400-1500	KTWR	9975; Mo, Tue, Wed (SAs)
1245-1300	R Austria	17715 M (As/Pac)	1400-1500	R Australia	5995/Sh, 6080/Sh, 7240/Sh, 9475/Sh (1430-), 9590/Sh, 11660/Sh (1430-) (As/Pac)
----- <b>13:00</b> -----			1400-1500	R Sultanate of Oman	15140# (As)
1300-1328	R Prague	<b>13580</b> , 17540 (SAs)	1400-1500	VoA	4930/BOT, 6080/ST, 13570/ST, 15580/BOT (1430-), 17530/Gr (Af)
1300-1330	R Serbia	<b>7200/BIH</b>	1400-1500	VoA	<b>15530/Biblis, 17740/BOT (+ Af)</b> ; 7430/TH, 9760/PH, 9345/PH (EAs)
1300-1400	BBC WS	6190/RSA, 9860/RSA, 15420/SEY, 17830/ASC, 17640/SEY, 21470/ASC (Af)	1400-1500	Vo Russia	<b>9750*/M</b> ; 1251/TJK (ME), 1251/TJK, 6045/Vla, 7330/Vla, 9745/UZB, 11755/Du, 15660/M (As)
		6195/SNG, 9740/SNG, 11750/TH, 15310/TH, 15575/CYP, 17790/TH (As)			
		11760/OM (ME)			
1300-1400	CRI Beijing	<b>13610/Kash, 13790/Ur</b> ; 11640/Mali, 13630/Mali (Af), 9650/CAN, 9570/CUBA, 15260/CAN, (NAm); 15440/SGO (SAm); 11760/Ku, 11980/Ku (SPac); 9765/Xi (CAs), 9730/Be, 11980/Ku (SEAs), 11660/Kash, 13755/Kash (SAs)			





1600-1800	R Cairo	12170 (CAf/SAf)	1730-1930	R Pilipinas	9395, 11720, 15190 (As)
1600-1800	WYFR	<b>18980 (-2145), 21455</b>	1745-1815	Bangladesh Betar (Voice of Islam)	<b>7185, 9550#</b> (+ ME)
1600-1800	WHRA	17520 (NAm)	1745-1945	AIR	7195/Mumbai, <b>7410/Delhi</b> , 9445/Ban, <b>9950/Delhi, 11620/Aligarh</b> , 11935/Mumbai, 13605/Ban, 15075/Delhi, 15155/Aligarh, 17670/Delhi (Eu/Af)
1600-2000	University Network	11870, 13750 (NAm)	----- <b>18:00</b> -----		
1600-2200	WWCR 3	12160 (Am)	1800-1815	Voice of Croatia	<b>6165</b> Mo-Sa
1600-2200	WWRB	9385, 11920, 12180 (NAm/Af)	1800-1830	AWR	3215/RSA, 3345/RSA, 9610/RSA; (EAf/SAf) 15315/OE (Sudan)
1600-1800	WHRI 1	9495 (SAm)	1800-1830	Bible Voice	<b>6130/W</b> (Russia); 9430/W, 13590/J; Sa (ME)
1600-2300	Vo Nigeria	3326 (WAf)	1800-1830	Vo Vietnam	<b>9725/OE</b> (+ SAs)
1615-1630	PMR Pridnestrovja	<b>12135 Mo-Fr</b>	1800-1845	Bible Voice	6130/W; Sa (Russia); 9430/W; Su
1615-1645	TWR Swaziland	6130; Mo-Fr (Af)	1800-1900	BBC WS	9410/CYP, 13865/Ram (RUS); 3255/RSA, 6005/SEY (1830-), 6190/RSA, 7380/RSA, 9630/SEY (1830-), 12095/CYP, 15400/ASC, 17795/Sk, 17830/ASC (Af) 5975/TH (-1830), 5995/OM, 9485/CYP (As)
1615-1730	BVB	13590/J; Sa (ME)	1800-1900	CRI Beijing	<b>7120/Be, 9600/Be, 11940/Kash,</b> <b>13760/Kash</b>
1630-1645	BVB	13590/J; Thu (ME)	1800-1900	KBS World	<b>7275</b>
1630-1655	Voice of Holy Tibet	4905, 4920, 5240, 6110, 6130, 6200, 7125, 7385 (EAs) (Mo-Sa)	1800-1900	RAE	<b>9690, 15345 (Mo-Fr)</b>
1630-1700	AWR (KSDA)	11650/GUM (SAs)	1800-1900	R Australia	6080/Sh, 7240/Sh, 9475/Sh, 9580/Sh, 9710/Sh, 11880/Sh (As/Pac)
1630-1700	R Slovakia	<b>5920, 6055</b>	1800-1900	RCI	9530/Sk, 11765/Kash, 17735/CAN, 17810/Sk (NAf)
1630-1700	TWR Swaziland	6130; Sa/Su (Af)	<b>1800-1900</b>	<b>R Free Southern Cameroun</b>	<b>15695/ARM (CAf)</b>
<b>1640-1650</b>	<b>R Ashkabad</b>	<b>4930</b>	1800-1900	R Mocambique	3265#
1645-1700	BVB	13590/J; Tue (ME)	1800-1900	R Netherlands	6020/MDG, 15335/W, 15535/W (SAf/EAf)
----- <b>17:00</b> -----			1800-1900	R Omdurman	7200, 9505 #
1700-1715	Vo Tajik	7245 (CAs)	1800-1900	R Taiwan Int.	<b>3965/F</b>
1700-1728	R Prague	<b>5930</b> , 17845 (CAf)	1800-1900	RYR Sana'a	9780v
1700-1730	Vo Azerbaidjan	1296, 6110 # (ME)	1800-1900	SW R Africa	4880/RSA, 11775/M 11810/ARM, 12035/Ram (SAf)
1700-1800	BBC WS	6195/CYP, 13865/Ram (RUS); 3255/RSA, 6005/SEY (-1745), 6190/RSA, 7380/RSA, 9630/SEY (- 1745), 15400/ASC, 17795/Sk, 17830/ASC (Af); 5975/TH, 9625/SNG 11955/TH (As)	1800-1900	VoA	4930/BOT (Sa/Su), 6080/BOT, 9885/RSA (1830-), 15410/Gr , 15580/BOT, 17865/CLN (Af)
1700-1800	Bible Voice	9430/W; Sa/Su (ME)	1800-1900	Vo Korea (Py)	4405, <b>7570, 12015</b>
1700-1800	Channel Africa	15235 (WAf)	1800-1900	Vo Russia	<b>11630/M, 9890/M, 11510/Arm;</b> 11745/SP, 12000/M, 12040/M, 15465/M (Af)
1700-1800	CRI Beijing	<b>9695/Be, 11940/Kash, 13760/Kash</b>	1800-1900	WYFR	<b>18980, 3955/Sk</b> , 7240/Sk, ,, 13780, 17795 (ME); 7395, 9845, 13730, 13790/W, 15750, 17630, 17845 (Af) <b>7290/SVK Fr-Su</b> (+ ME/NAf)
1700-1800	R Australia	5995/Sh, 6080/Sh, 9475/Sh, 9580/Sh, 9710/Sh, 11880/Sh (As/Pac)	1800-2000	IRRS / European Gospel R	17690 (NAm)
1700-1800	R Polonia	<b>7140/J, 7265/W</b>	1800-2000	WHRA	<b>11990</b> (+ NAf)
1700-1800	R Romania Int.	<b>9635#</b> , <b>11735</b>	1800-2100	R Kuwait	9490/W (Af)
1700-1800	R Taiwan Int	11705/F (Af)	1800-2000	CVC Int	9490/W (Af)
1700-1800	VoA	4930/BOT (Sa/Su); 6080/STP, 11835/RSA (-1730), 15580/BOT, 15675/Gr (Af)	1800-2100	WHRI 1	9495, 17650 (NAf, SAm)
1700-1800	Vo Russia	<b>1494/SP (Sa/Su), 9575/Sam (Sa/Su),</b> <b>9820/Arm, 9890/M, 11675/Arm (Sa/Su);</b> 9745/UZB, 11510/Arm, 11985/Ser, 12040/M, 13855/M (ME/NAf) 1251/Du, 4975/TJK (ME); 1251/TJK, 1269/Xi, 7350/Pet, 9405/IK, 9850/UZB (As)	1800-2000	WYFR	13615, 13690, 17795 (NAf/CAf)
1700-1800	WYFR	13960, 17795 (NAf/CAf); 21680/UAE (EAf)	1800-2200	R Liberia	5100# (Af)
1700-1900	Vo Nigeria	7255 (WAf), <b>15120</b> (+ NAf), 17800# (CAf/SAf)	1815-1900	Bangladesh Betar	<b>7250</b>
1700-2000	WYFR	13690 (NAf)/	1830-1900	Bible Voice	9430/W; Fr (ME)
1700-2000	CVC Int	13590 (Af)	1830-1900	R Serbia	<b>6100/BIH, 7200/Beograd</b>
1700-2045	TWR	3200 (SAf)	1830-1900	R Slovakia	5920, 7345
1700-2145	WYFR	17795 (NAf/CAf)	1830-1900	VoA	6110/PH, 9520/PH, 11755/MRA, 11805/PH (As) Special English
<b>1700-2400</b>	<b>Ghana BC</b>	<b>4915 (WAf) #</b>	1830-1925	VoTurkey	<b>9785</b>
1700-0100	WBCQ	7415 (NAf) (Sa/Su)	1845-1900	R Congo, Brazzaville	4765#, 5985#; Sa, Su
1730-1800	VoA	4930/BOT, 13755/ST, 15775/STP (Zimbabwe)	1845-1900	R Tirana	<b>13640, 7430 (Mo-Sa)</b>
1730-1800	AWR (KSDA)	9980/GUM (ME)			
1730-1800	R Bulgaria	<b>7200, 9400</b>			
1730-1800	R Sweden	<b>1179, 6065 (Mo-Fr)</b> (+ NAf)			
1730-1800	Sudan R Service	9840/UAE (EAf)			
1730-1800	Vatican R	11625, 13765, 15570 (Af)			
1730-1900	TWR	9500/SWZ (Af)			

1845-2000	Bible Voice	11830/J; Su (CAf)			
1851-1950	RNZI	9890* (-1935), 9615 (Pac)			
----- 19:00 -----					
1900-1915	R Congo, Brazzaville	4765, 5985; Mo-Thu #			
1900-1928	Vo Vietnam	<b>7280, 9730 (+ As)</b>			
1900-1930	Bible Voice	<b>6130/W</b> (Russia); 13710/N; Su (CAf)			
1900-1955	SARL	3215/RSA; Sa (SAf)			
1900-2000	BBC WS	3255/RSA, 6190/RSA, 9485/CYP, 12095/CYP, 15400/ASC, 17795/Sk, 17830/ASC (not Sa/Su) (Af) 5995/OM (As)			
1900-2000	CRI Beijing	7295/Ur, 9435/Ku (NAf/WAf), 7295/Ur, 9435/Ku (WAs)			
1900-1930	DW	9565/CLN; 11795/Ram, 17860/POR (EAf)			
1900-2000	R Australia	6080/Sh, 7240/Sh, 9500/Sh, 9580/Sh, 9710/Sh, 11880/Sh (As/Pac)			
1900-2000	R Thailand	<b>9805</b>			
1900-2000	R Ukraine	<b>7490/Kharkiv</b>			
1900-2000	Vo Korea, Py	3560 (EAs), 7100, 11910 (SAf); 9975, 11535 (ME/NAf)			
1900-2000	VoA	4930/BOT, 4940/ST, 6080/BOT, 9885/RSA, 15410/Gr, 15580/BOT, 17895/Gr (Af)			
1900-2000	VoA	7480/CLN, 9670/TH (As) Special E			
1900-2000	Vo Russia	<b>7310/M, 9890/Sam, 12070/M;</b> 11745/SP, 12000/M, 12040/M, 15465/M (Af)			
1900-2000	WYFR	<b>11875/UAE, 18930, 18980;</b> 7395, 11865/N, 17845 (Af)			
1900-2030	R Cairo	9300 (WAf)			
1900-2057	R Netherlands	11660/F, 15535/W (Af)			
1900-2100	KJES	15385 (NAm)			
1900-2100	Overcomer Ministries	<b>5990/FIN</b>			
1900-2100	R Netherlands	5905/MDG, 7425/MDG (Af)			
1900-2100	WYFR	6020/RSA (SAf)			
1900-2100	Vo Nigeria	7255 (WAf), <b>15120</b> (+ NAf), 17800# (CAf/SAf)			
1900-2200	Channel Africa	3345 (SAf)			
1900-2200	WEWN	17595 (Af)			
1900-2200	NBC Port Moresby	4890 (SEAs)			
1900-1100	SIBC	5020v (+ Pidgin)			
1925-1945	Vo Armenia	4810, 9960 (As)			
1930-2028	IRIB Tehran	<b>6205, 7205, 6000/LTU;</b> 9800, 9925 (SAf)			
1930-2030	PAB	6020/W; Su (ME)			
1945-2000	Vatican R	9800*/CAN (Am)			
1950-2020	Vatican R	<b>1530, 5885, 7250, 9645</b>			
1951-2050	RNZI	13840*, 11725 (Pac/WNAf)			
----- 20:00 -----					
2000-2030	AWR	9655/RSA (CAf)			
2000-2030	PAB	6020/W; Fr (ME/Af)			
2000-2030	R Prague	<b>5930;</b> 11600 (SEAs/Pac)			
2000-2030	R Tirana	<b>7465</b> (Mo-Sa); 13600 (NAf)			
2000-2030	Vatican R	7365, 9755, 11625 (Af)			
2000-2100	BBC WS	3255/RSA, 6190/RSA, 12095/CYP, 13820/Sk, 15400/ASC, 17830/ASC (not Sa/Su) (Af)			
2000-2100	CRI Beijing	7295/Ur, 9440/Ku (WAs/WAf/NAf)			
2000-2100	DW	6150/RRW, 11795/CLN, 11865/Ram, 15205/Ram (CAf/SAf)			
2000-2100	R Australia	6080/Sh Sa/Su, 7240/Sh Sa/Su, 9500/Sh, 11650/Sh, 11660/Sh, 11880/Sh, 12080/Br Sa/Su (As/Pac)			
2000-2100	RCI	<b>11765/SW, 13650/Ram, 15325/CAN, 17735/CAN</b>			
2000-2100	REE Madrid	<b>9665, 11625;</b> Mo-Fr (+ Af)			
2000-2100	RN Angola	3375v#, 4950, 9535v# (Af)			
2000-2100	R Netherlands	17810/ANT (Af)			
2000-2100	VoA	1530/ST, 4930/BOT, 4940/ST (-2030), 6080/BOT, 11720/RSA (2030-), 15580/BOT, 15895/Gr (AF)			
2000-2100	Vo Indonesia	<b>9525, 15150 (alt: 11785)</b>			
2000-2100	Vo Russia	<b>9890/Sam, 12070/M;</b> 11980/Krasm 12040/M (Af)			
2000-2100	WYFR	<b>7430/Mol, 17750, 18980;</b> 3230/RSA, 15195/ASC, 17845 (Af)			
2000-2130	CRI	11640/Mali, 13630/Mali (EAf/WAf)			
2000-2200	CRI Beijing	<b>1386/Latvia (2100-); 5960/Alb, 7190/Kash, 7285/Alb, 9600/Ur, 9800/Ur 1170, 7105, 7360, 7390</b>			
2000-2200	R Belarus	7520 (Af)			
2000-2100	WHRA	3345 (SAf)			
2000-2200	Channel Africa	11785 (Am)			
2000-2400	WHRI 2	13750 (NAf)			
2000-2400	University Network	<b>9330, 12085</b>			
2005-2105	R Damascus	<b>9535</b>			
2030-2045	R Thailand	<b>9515, 11810#;</b> 11940, 15465# (NAf)			
2030-2056	R Romania Int.	<b>7395/MDG;</b> 7420/MDG (As/Pac)			
2030-2100	R Sweden	<b>7220, 7280,</b> 9550, <b>9730</b> (Af/EAs)			
2030-2100	Vo Vietnam	7170 (As/Aus)			
2030-2120	VoTurkey	9505, 11760 (Caribbean/NAf)			
2030-2130	R Habana Cuba	1296/Kabul, 7555/KWT (Afghanistan)			
2030-2400	VoA	7195/Mumbai, <b>7410/Delhi, 9445/Ban, 9950/Aligarh, 11620/Delhi;</b> 9910/Aligarh, 11715/Panaji (Aus/Pac)			
2045-2230	AIR	13840*, 15720 (Pac/WNAf)			
2051-2240	RNZI				
----- 21:00 -----					
2100-2130	AWR	11955/OE (WAf)			
2100-2130	CBC	9625; Sa (NAf)			
2100-2130	Int R Serbia	<b>6100/BIH, 7200/Beograd</b>			
2100-2130	KBS World.	<b>3955/Sk</b>			
2100-2200	DW	9735/Ram, 11865/RRW, 15205/RRW (WAf)			
2100-2200	BBC WS	3255/RSA, 6005/SEY, 6190/RSA, 7120/RSA, 12095/Sk, 15400/ASC (Af) 3915/SNG, 5905/OM, 6195/TH, (As)			
2100-2200	R Australia	9500/Sh, 9660/Br, 11650/Sh, 11660/Sh, 11695/Sh (-2130), 12080/Br, 13630/Sh, 15515/Sh (As/Pac)			
2100-2200	R Bulgaria	<b>5900, 9700</b>			
2100-2200	RCI	9800* (NAf)			
2100-2200	REE	9840 Sa/Su			
2100-2200	R Ukraine Int.	<b>7510/Kharkiv</b>			
2100-2200	VoA	1530/ST, 6080/BOT, 15580/BOT (AF)			
2100-2200	<b>Vo Biafra</b>	<b>7380/AFS (WAf)</b>			
2100-2200	Vo Korea, Py.	4405 (EAs), <b>7570, 12015</b>			
2100-2200	WMLK	<b>15265 #</b>			
2100-2200	WYFR	<b>7430/Mol, 11565, 18980</b>			
2100-2300	WHRI 1	7385 (NAf, SAf)			
2100-2300	WHRA	11885 (NAf)			
2100-0100	WWCR 1	7465 (NAf)			
2115-2245	R Cairo	<b>11550</b>			
2115-2315	WYFR	11875/ASC (Af)			
2130-2200	AWR /KSDA	11850/GUM (EAs)			
2130-2200	R Prague	9410 (CAf), 11600 (NAf)			
2130-2200	R Sweden	<b>1179, 6065</b>			

2130-2200	CBC	9625 Mo-Sa (NAm)
2130-2230	KBC, NL	<b>6055/LTU</b>
2130-0830	ABC Northern Terr. Shortwave S.	4835/VL8A, 4910/VL8T, 5025/VL8K (Aus)

## 22:00

2200-2245	WYFR	7285/W, 15770 (Af)
2200-2250	VoTurkey	<b>6195</b> (+ NAam)
2200-2300	BBC WS	6005/RSA, 12095/Sk, 15400/ASC (Af) 5905/OM, 5965/TH, 6195/SNG, 9740/SNG (As/SEAs)
2200-2300	CRI Beijing	<b>1440/Lux; 7175/M (Russia I);</b> 9590/Be (EAs)
2200-2300	R Australia	11840/Dw, 12010/Dw, 13630/Sh, 15230/Sh, 15240/TWN, 15515/Sh, 17785/Sh, 17795/Sh (As/Pac)
2200-2300	R Romania Int.	<b>7185, 9675#;</b> 9790, 11940# (NAm)
2200-2300	R Six Int	7415/WBCQ (NAm)
2200-2300	R Taiwan Int.	<b>15600/FL (till 30-06-2008)</b>
2200-2345	WYFR	11740 (NAm)
2200-2300	WRMI	9955 (NAm)
2200-2400	CBC	9625; Su-Fr (NAm)
2200-2400	VoA	6105/PH, 7120/PH, 7460/PH, 9415/PH, 11725/PH, 15185/PH (EAs, Pac)
2200-2400	Vo Guyana	3290v (SAm)
2200-2400	WEWN	15665 (Af)
2200-0200	WWCR 4	9980 (NAm)
2200-2400	WHRI 2	9515 Mo-Fr; 11785 Su (NAm)
2200-0500	WWRB	3185, 5745 (NAm)
2200-0500	WWRB	6890 (NAm)
2200-1000	Caribbean Beacon	6090
2200-1100	WWCR 3	5070 (NAm)
2200-1400	WBCQ	15420 (Sa/Su 24h) (NAm)
2215-2230	PMR Pridnestrovje	<b>6040; Mo-Fr (+ NAam)</b>
2215-2230	Croatian R	<b>6165, 9925/J</b>
2230-2300	AWR /KSDA	15320/GUM (SEAs)
2230-2300	R Prague	7345, 9415 (NAm)
2230-2300	R Sweden	9800/CAN* (NAm)
2230-2330	VoA	9570/PH, 1705/, 15145/PH (SEAs) (Special English)
2230-2400	NBC Port Moresby	9675 (SEAs)
2241-0459	RNZI	13840, 15720* (WPAC)
2245-0045	AIR Delhi	9705/Panaji (SEAs), 9950/Aligarh, 11620/Delhi 11620/Delhi, 13605/Ban (As)

## 23:00

2300-2315	PMR Pridnestrovje	<b>6040; Mo-Fr (+ NAam)</b>
2300-2330	VoA	9570/PH, 13755/TH, 15145/PH, (SEAs) (Special English)
2300-2400	BBC WS	3915/SNG, 5965/TH, 6195/SNG, 9580/Kor (2330-), 9740/SNG, 9885/OM, 11955/TH, 12010/TH, (As)
2300-2400	CRI	<b>1440/Lux;</b> 5915/Kash, 7180/Kash (SAs); 11690/Be (SEAs); 5990/CUBA (Caribbean), 6145/CAN, 11840/CAN (NAm)
2300-2400	R Australia	9660/Br, 12010/DW, 12080/Br, 13690/Sh, 15230/Sh, 15240/TWN (-2330), 15415/Sh (2330-), 17750/Sh (2330-), 17785/Sh, 17795/Sh (As/Pac)
2300-2400	R Bulgaria	9700, 11700 (NAm)
2300-2400	R Habana Cuba	9550 (NAm)
2300-2400	VoA	6105/TH, 7120/PH, 9415/PH, 11725/PH, 15185/PH (As/Pac)
2300-2400	WYFR	15255, 17750 (CAm/SAm)
2300-0100	WHRI 1	7315 (SAm)
2300-0500	WHRA	5850 (NAf)

2305-0004	RCI	6100; Su-Mo; Tue-Sa -0104 (NAm)
2330-0030	Dem Vo Burma	<b>9490/J</b>
2330-2400	R Vilnius	9875 (NAm)
2330-2400	VoA	7350/PH, 9570/PH, 13755/TH, 15145/PH, 15340/MRA
2330-2400	Vo Vietnam	9840, 12020 (As)

## Sendezeiten in UTC =

## Mitteleuropäische Sommerzeit (MESZ) – 2 Stunden

Time of transmissions in UTC = MEST minus 2 hours

## Abkürzungen/Abbreviations:

bei Station/ with name of station:

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

Location of transmitters with QRG / Senderstandorte bei Frequenz:

ALB = Albania, ANT = Neth. Antilles, ARM = Armavir/ Russia, Ban = Bangalore, Be = Beijing/CHN, BI = Biblis/D, BIH = Bosnia-Herzegowina, BLR = Byelorussia, BOT = Botswana, Br = Brandon/Aus, BUL = Bulgaria, CAN = Canada, CLN = Sri Lanka, CTR = Costa Rica, CYP = Cyprus, Dw = Darwin/AUS, ERV = Erivan/Armenia, F = France, FL = Florida/USA, Gr = Greenville/USA, GUF = French Guyana, IK = Irkutsk, J = Juelich, Jin = Jinhua/CHN, Kash = Kashgar/CHN, Kom = Komsomolsk /Siberia, Kor = South Korea, Ku = Kunming/ China, Kun = Kununurra/AUS, KWT = Kuwait, LH = Lampertheim/D, LTU = Lithuania, M = Moscow /Taldom, MCO = Monaco, MDG = Talata/ Madagascar, Mol = Moldavia/ Kichinew, MRA = Northern Marianas, NOR = Kvitsoy/Norway, Pet = Petropavlovsk/ Siberia, POR = Portugal, Ram = Rampisham/GB, RRW = Ruanda, RSA = Meyerton /South Africa, Sam = Samara, SEY = Seychelles, Sh = Shepparton/AUS, Sk = Skelton/GB, SNG = Singapur, SP = St. Petersburg/RUS, Ser = Serpukhov/RUS, SVK = Slovakia, SW = Sweden, ST = Sao Tomé, STP = St. Petersburg/Russia, SWZ = Swaziland, TH = Nakhon Sawan/Thailand, TJK = Dushanbe/ Tajikistan, TWN = Taiwan, UAE = Al Dhabbaya/United Arab Emirates, UKR = Ukraine, UR = Urumchi/CHN, UZB = Usbekistan, Vat = Vatican, Vla = Vladivostok; W = Wertachtal/D, Wof = Woofferton/GB, Xi = Xian/CHN, Ya = Yamata /Japan.

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

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

multi = multi language program / auch andere Sprachen

Technical hint with QRG / Technischer Hinweis bei Frequenz:

(\*) = Digital Radio broadcast (DRM)

/USB = upper sideband /oberes Seitenband,

/LSB = lower sideband / unteres Seitenband,

(ORG) = alternative frequency / alternative Frequenz /

irr = irregular / nicht regelmäßig

v = variable/variabel,

# = mostly difficult to hear, possible transmitter break-down/off

/ meist schwieriger Empfang, eventuell Senderausfall

## = Sendezzeiten können variieren bzw. sind nicht bestätigt in A07 /

times of transmission may vary or are not verified in A07

PRINT in RED = insufficient information

Some transmissions may be heard as well outside the target areas.

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

Period A08 will last until October 26th 2008 / Sendeperiode A08 dauert bis 26. Oktober 2008.

Hints for eventual changes are very welcome to:

Aktuelle Hinweise auf Änderungen sind stets willkommen an:

Walter Eibl,

e-mail: [we@wwdxc.de](mailto:we@wwdxc.de) or [we@kwrs.de](mailto:we@kwrs.de)



# 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.
630.0	2010	111	G	United Premier Christian,Wallasey	English	Casting	0806	MF
729.0	2000	111	G	United Premier Christian,Swansea	English	Casting	0806	MF
828.0	2005	111	G	United Premier Christian,Newport	English	Casting	0806	MF
927.0	2010	111	G	United Premier Christian,Cardiff	English	Winner song of casting	0806	MF
1143.0	2150	131	G	Classic Premier of Wales,Swansea	English	Welsh Brass Band	0406	MF
1152.0	2110	211	G	Capital Gold,Oldham	English	Criminal romances	0606	MF
1170.0	2105	211	G	Classic Gold,Oldham	English	Hit rockets	0606	MF
1197.0	2105	443	G	Classic Gold,Bedford	English	Hit rockets	0606	MF
1233.0	2100	111	G	Classic Gold,Huddersfield	English	Hitlist	0606	MF
1269.0	2055	211	G	Classic Gold,Blackpool	English	Hits on reading	0606	MF
1287.0	2050	221	G	Classic Gold,Liverpool	English	Classic Hits on Bestsellers	0606	MF
1305.0	2045	111	G	Classic Gold,Blackburn	English	London Hit Radio	0606	MF
1323.0	2040	111	G	Classic Gold,Bolton	English	Hitlist	0606	MF
1332.0	2030	211	G	Classic Gold,Leeds	English	Reading London Map is difficult	0606	MF
1341.0	2010	211	G	Tay of Wales,Cardiff	English	Cardiff Boat Race	0406	MF
1368.0	2020	211	G	London XL	English	London Traffic Jam	0606	MF
1369.0	2010	211	G	Classic Gold,Manchester	English	London Premier Radio	0606	MF
1566.0	2030	133	G	World of North Ireland,Belfast	English	World Sky Festival of N.Ireland	0406	MF

### TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
4775.0	0430	322	SWZ	Trans World Radio,Manzini	English	Insights for Living	0105	RAD
4800.0	0754	222	MEX	Radio Transcontinental	Spanish	Talks	0705	RAD
4845.0	0043	433	MTN	Radio Mauritania	Arabic	Talks	1704	RAD
4905.1	0130	211	B	Nossa Radio	Portugese	Pop vocals	1904	RAD
4930.0	0341	322	BOT	VOA,Moepong Hill	English	News,Daybreak Africa	2904	RAD
4950.0	0323	111	AGL	Radio Nacional de Angola	Portugese	Pop vocals and tribal music	2304	RAD
4976.0	0337	111	UGA	Radio Uganda	English	African vocals and News	0705	RAD

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5009.8	2353	111	DOM	Radio Pueblo	Spanish	Latin pop vocals,Talks	3004	RAD
5010.0	0258	222	MDG	Radio Malagasy	Malagasy	ID.Music program	2404	RAD

## SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5995.0	2348	322	MLI	Tadiodiffusion Television Malienne	French	Music Program,ID	0505	RAD
6035.0	0004	211	CLM	La Voz del Guaviare	Spanish	News,Feature,Intervies	0605	RAD
6040.0	2342	433	MDA	Radio PMR	German	Program sign off,ID,Music	0505	RAD
6080.0	0342	0206	553	Radio Prague via Sackville	English	85 years Radio Prague history	1905	RL
6134.8	0045	322	BOL	Radio Santa Cruz	Spanish	Football Match commentary	0605	RAD
6185.0	0000	433	BIH	Intl. Radio of Serbia	English	IS,News	1704	RAD
7110.0	0258	222	ETH	Radio Ethopia	Amharic	News,Horn of Africa vocals	0205	RAD
9440.0	0012	453	CZE	Radio Prague	English	Mailbox & Letter from Prague	1905	RL
9645.0	0305	543	ROU	RRI	English	Radio News reel,World of Culture	1805	RL
9705.0	2343	222	IND	All India Radio,Panaji	English	ID,Hindi vocals	0505	RAD
9800.0	0732	111	MCO	TWR	English	Religious program,ID	0705	RAD
9955.0	0000	453	USA	Radio Prague viaWRMI,Miami	English	One on One	2005	RL
11715.0	1726	322	ROU	RRI	English	ID,Romanian Folk music program	0805	RAD
11720.0	1601	433	GUM	KSDA,Agat	English	AWR Wavesca DX Program	1805	RL
11765.0	2017	333	SWE	RCI via Hoerby	English	Maple Leaf Mailbag	1805	RL
15720.0	0415	453	NZL	Radio New Zealand Intl.,	English	Music	1705	RL

\*\*\*\*\*

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

MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with Telescopic antenna.

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.

\*\*\*\*\*

Dear Friends,

Welcome to the June edition of Logbook, one of the shortest I have edited so far.

It seems everybody is busy enjoying the warm summer with outdoor activities or watching the EURO 2008 Football matches.

Till next month,

*Ashok Kumar Bose*

# QSL CORNER

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

Country	Station	Freq	Days	Remarks	OM
AUSTRALIA	HCJB Global Voice	15525	136	FD Card "Merry Christmas and a Happy New Year", RP	HTI
BULGARIA	Radio Bulgaria	9400	71	FD Card "Your Friend on the Air 2003/5", v/s illegible	HTI
CHINA	China Radio International	7110	43	PD Card "University of Science & Technology Beijing Gymnasium"	HTI
CHINA	Xizang People's Broadcasting Station	4820	109	FD Card "China Tibet People's Broadcasting Station", v/s Liu Chang (or Zhang) Hong, Station Manager	HTI
CHINA	China Radio International	1440 mw	25	FD Card "Olympic National Stadium", Paper cuttings, RR Form	GKL
CUBA	Radio Havana	6000	161	FD Card "QSL and El Morro Castle"	HTI
CZECH REP	Radio Prague	6055	70	No Card, "magic sponge" and Sked	GKL
GERMANY	Polish Radio (via Wertachtal)	6135	17	FD Card "Krakow"	HTI
HAWAII	World Harvest Radio (KWHR)	9930	57	FD Card "Over 20 years of short wave ministry of the world"	HTI
IRAN	Islamic Rep of Iran Broadcasting	9905	121	FD Card "The Ali Qapu structure, Safavit Palace - Esfahan", v/s Garagani, Chief of Japanese Section, Letter, Magazine	HTI
KOREA DPR	Voice of Korea, Pyongyang	7580	28	FD Card "Painting Fowls", Letter, RR form, Newspaper	HTI
KOREA DPR	Voice of Korea, Pyongyang	9690	65	FD Card "Potong Gate", v/s IM Gwang-Rim, Stamp info	HTI
KOREA DPR	Korean Central Broadcasting Station	2850	64	FD Card by Voice of Korea, Newspaper, Calendar, Pennant	RDA
KOREA REP	Radio Canada International (via Kimjae)	9525	8	FD Card "Maple Leaf Mailbag", v/s Bill Westenhaber, Sticker	HTI
KOREA REP	Korean Broadcasting System - KBS World	6155	43	FD Card "Kim Yu-Na", RR forms, Lanyard for reporting Test Tx	HTI
KOREA REP	KBS World Radio	1440 mw	42	FD Card "Korea's first astronaut Yi So-yeon"	GKL
MONGOLIA	Voice of Mongolia	12085	42	FD Card "Greetings from Mongolia"	HTI
NEW ZEALAND	Radio New Zealand International	7145	12	FD Card "Royal Albatross", Sked, Sticker	HTI
PAKISTAN	Pakistan Broadcasting Corporation	9385	22	FD Card "Residency of Quaid-I-Azam" v/s S. Waheed	HTI
PHILIPPINES	Voice of America (via Tinang)	9780	52	PD Card "Technicians inspect antenna system at the IBB Tinian"	HTI
ROMANIA	Radio Romania International	11855	32	FD Card "Corsican Crocus", Letter, Sked	HTI
RUSSIA	Radio Nederland (via Petro-Kam)	6040	54	FD Card "Card 7: Egelantier Canal"	HTI
RUSSIA	Voice of Russia, Irkutsk	12090	19	FD Card "St. Petersburg is 300 Years Old (Summer Garden)"	HTI
RUSSIA	Vatican Radio (via Khabarovsk)	12035	36	FD Card "A late 19th Century EDISON Phonograph", RP	HTI
RUSSIA	Deutsche Welle (via Komsomolsk)	17525	55	FD Card "DIGITAL radio mondiale" v/s Horst Scholz	HTI
RUSSIA	Family Radio (via Komsomolsk / Amur)	7245	28	FD Card "Three Decades of Faithful Service", Stickers, Sked	HTI
SLOVAKIA	Radio Slovakia International	15460	23	FD Card "2. Vlkolinc", Sked	HTI
SRI LANKA	Radio Free Asia	9320	8	FD Card "Radio Pioneer - Heinrich Hertz"	HTI
ST. HELENA	Radio St. Helena	11092,5	106	FD Card, v/s G.Lawrence, Station Manager	RLE
SWAZILAND	Trans World Radio	15360	81	FD Card "Map of Swaziland", v/s Mrs. L. Stavropoulos, RP	HTI
SWEDEN	Radio Sweden	15735	10	FD Card "Slussen, Stockholm", v/s (illegible)	HTI
TAIWAN	Radio Taiwan International	9735	31	FD Card "The Tale of the White Serpent (puppet show)"	HTI
TAIWAN	Radio Taiwan International	11605	375	FD Card "Formosan Blue Magpie"	HTI
THAILAND	Radio Thailand	11625	16	FD Card "IBB Thailand Transmitting Station", v/s (illegible)	HTI
TURKEY	Voice of Turkey	11935	9	FD Card "Kelaynak (Ibis)" w/ tx site as "EMR", Sticker, Sked	HTI
UAE Abu Dhabi	Family Radio (via Dhabayya)	7160	6	FD Card "1973 - Three Decades of Faithful Service - 2003"	RDA
UKRAINE	Radio Ukraine International	7440	25	FD Card "un-id Church", Sked, Stickers	RDA
VIETNAM	Voice of Vietnam	12020	15	FD Card "Khue Van Cac"	HTI
ZAMBIA	Christian Voice (CVC)	13650	4	E-Card, Full data, v/s Rick <enquiries@cvc.tv>	RDA

## 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

RLE - Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta, T8N2W7 CANADA. Rx: JRC NRD-535 HF with random longwires

# Radio Data Code Manual

## Brandnew 18th edition May 2008

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