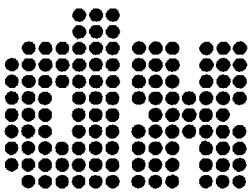


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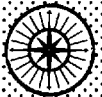
ISSN 0175-6877



magazine



WORLD WIDE DX CLUB



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

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

THE SHORTWAVE GUIDE

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DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.30 or 2 International Reply Coupons (IRC's); annual subscription rate: € 15.60 or 16 IRC's. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 7

Vol. XXXVIII

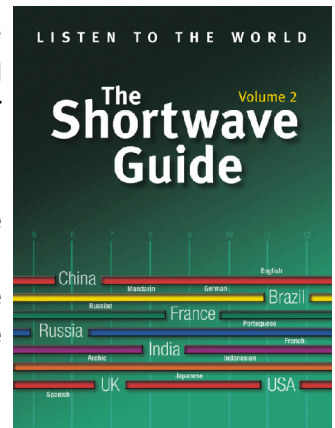
July 2003

Hello again,

Welcome to another issue of our DX MAGAZINE. Please remember that the next issue of our DX MAGAZINE will be our usual summer double edition No. 8/9, which will be mailed in mid-August.

WRTH Publications Ltd. has published the 2nd edition of "**The Shortwave Guide**" in June. This guide of 224 pages uses colour bar-graphs to show broadcasts in different languages from around the world. It provides a colourful, simple and effective way for the listener to see at a glance the broadcasts being beamed to their area of the world in a particular language at a particular time. The languages are clearly shown by different colour bars, so scanning the pages for broadcasts is easy.

The Shortwave Guide contains: the summer international shortwave schedules, which are in use from the beginning of April to the beginning of November (in many cases the frequencies are the same throughout the year), a simple guide to shortwave listening, domestic shortwave broadcasts (in use all year round), contact details for the main international broadcasters, colour maps showing transmitter sites, and other useful reference material (see also <<http://www.wwdx.de/archive/swg2003.pdf>>).



The 2003 edition is available to our members at a special price of € 16.00 (official sales price in Germany: € 19.95). More details on page 2.

All members who like to stay informed about the current DRM (Digital Radio Mondiale) broadcasts will now find a permanently updated schedule of DRM broadcasts on our homepage at <<http://www.wwdx.de/drm.htm>>. This schedule is compiled by OM Klaus Schneider, Germany, assisted by DRM specialists like OM Carsten Knütter or OM Markus Weidner.

The **2003 World Radiocommunication Conference** concluded its discussions of the issues on its agenda on 3 July 2003. The conference agreed to shift broadcasting stations in Regions 1 and 3 out of the 7100-7200 kHz band and to reallocate the band to the amateur service in those two regions. The allocation in Region 2 of 7000-7300 kHz remains exclusively amateur. The broadcasting band in Regions 1 and 3 will become 7200-7450 kHz and in Region 2, 7300-7400 kHz. The change will take effect on 29 March 2009.

It has been predicted that the need to master Morse code as a requirement to obtain an amateur radio operators license, could be coming to an end. However, it was resolved to leave this to the discretion of the individual countries whether it would be necessary to demonstrate knowledge of Morse code in order to be granted an amateur radio operators license.

IARU WRC-03 Final Report from Geneva is available at: <<http://www.iau.org/rel030703.html>>
(ITU - Geneva & Jose Jacob, Hyderabad, India)

Bill Gates, John Chambers, Carly Fiorina and government ministers from around the world are among those who have registered to attend **ITU TELECOM WORLD 2003**, 12-18 October in Geneva, Switzerland. With more than 115,000 participants including 85,000 visitors and 750 exhibitors expected to attend, the event continues its tradition of attracting the industry's top CEOs, government ministers and regulators, and provides an unrivalled platform for strategic debate and business networking. Traditionally, 30 percent of attendees make final purchasing decisions, while an additional 35 percent of participants make recommendations on purchasing decisions. **(ITU)**

Am Rande der **Internationalen Funkausstellung** (vom 29.8. - 3.9.2003 in Berlin, <<http://www.ifa-berlin.de>>) wird es auch in diesem Jahr ein Treffen von Kurzwellenhörern und Medieninteressierten geben. Treffpunkt ist am Sonnabend, dem 30.8.2003 ab ca. 18.00 das Preußische Landwirthshaus in der Flatowallee 23, 14055 Charlottenburg. Anbindung an den öffentlichen Personennahverkehr: S-Bahn-Station Olympiastation (von der Innenstadt aus Richtung Berlin-Spandau mit der S75, zwei Stationen vom Messegelände Station Eichkamp / Messe Süd entfernt); Bus: Linie 149, Haltestelle Heerstraße / Flatowallee, von Messedamm Nord in Richtung Heerstraße/Nennhauser Damm.

Rückfragen an: Andreas Erbe, Saarmunder Str. 79, 14478 Potsdam, Tel.: 0331-8873659, E-Mail <aerbe@arcor.de> oder Thomas Kubaczewski, Flatowallee 16/916, 14055 Berlin, Tel.: 030-3043078, E-Mail <dx-thomas@rs2.de>. **(Andreas Erbe & Thomas Kubaczewski)**

Der deutsche Hörerverband ADDX strahlt aus Anlaß der EDXC-Konferenz ein Sonderprogramm von Hans Werner Lange und Markus Weidner aus. Die Konferenz des European DX Council (EDXC) findet vom 15. bis 17. August 2003 in Königstein (bei Frankfurt) statt und wird vom Rhein Main Radio Club (RMRC) verantwortet. Die Sendung wird am 17.8.2003 zweimal ausgestrahlt: 19.00-19.29 UTC analog auf 3965 kHz (Jülich 100 kW, nd), 19.30-19.59 UTC digital auf 3965 kHz (Jülich 40 kW, nd), da die ADDX auch Mitglied des DRM Konsortiums ist. Am späteren Abend kann das Programm dann auch als Audiodatei bei <<http://www.addx.de>> abgerufen werden. Empfangsberichte werden mit einer Sonder-QSL-Karte bestätigt, wenn der Empfangsbericht von einer deutschen 55 Cent-Briefmarke bzw. 1 IRC begleitet wird. Anschrift für Empfangsberichte: ADDX, Medienprogramm, Postfach 130124, D-40551 Düsseldorf. **(Willi Passmann, Germany)**

Vom 8. bis 10. August 2003 veranstalten die Kurzwellenfreunde Rhein/Ruhr e.V., Postfach 10 15 55, 45815 Gelsenkirchen, Tel. 0209-209796, wieder ein DX-Camp mit gemeinsamem Radio hören und gemütlichen Beisammensein im Sauerland, und zwar in der landschaftlich sehr schön gelegenen Biberhütte oberhalb Sundern-Allendorf im Hochsauerlandkreis, Nähe Sorpetalsperre. Das Teilnahmekosten werden sich auf etwa 10-15 Euro pro Person belaufen, sind aber von der Teilnehmerzahl abhängig. Es wird der vom Eigentümer berechnete Gesamtmietpreis umgelegt. Es handelt sich um ein Selbstversorgercamp, d.h. jeder Teilnehmer muß Lebensmittel, Getränke, Geschirr, Besteck, usw. selbst mitbringen. Es ist zwar eine Küche vorhanden, eigene Kochmöglichkeiten sollten jedoch mitgebracht werden. Unterkunft ist im eigenen Zelt, oder wer es verträgt, kann auch im Auto, oder bei schönem Wetter, auch draußen schlafen. Es ist eben ein CAMP im wahrsten Sinne des Wortes. In sehr begrenzter Anzahl ist auch ein Platz auf einer Klappliege oder Luftmatratze (mitbringen!!) in der Hütte selbst vorhanden. Eine Toilette mit Waschmöglichkeit ist vorhanden, allerdings ist das Wasser kein Trinkwasser, so daß auch Wasser zur Speisebereitung mitgebracht werden sollte. Eine ausreichende und abgesicherte Stromversorgung ist vorhanden, ebenso viel Platz für Antennen. Eine große Wiese steht für Zelte zur Verfügung, ebenso genug Platz für die eigenen PKW. Für diejenigen Hobbyfreunde, die die Biberhütte nicht kennen, wird es in Kürze ein Infoblatt geben, wo alles genau beschrieben wird. Dies kann unverbindlich unter obiger Anschrift angefordert werden. Rückporto (55 Cent) wäre nett.

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



NEWS ABOUT BROADCASTING (+other) STATIONS

Dr. Juergen Kubiak · Goltzstr. 19 · D-10781 Berlin · GERMANY

AFGHANISTAN: Two 400 kW mediumwave transmitters installed by the *Broadcasting Board of Governors (BBG)* have begun operation in Afghanistan. (© Radio Netherlands Media Network - 26 May 2003, via JKB)

ANGOLA: Under legislation currently being prepared in Angola, the government will lose its *monopoly of shortwave broadcasting*. Media Minister Hendrick Vaal Neto announced this week that not only will private TV channels be allowed under the legislation to be presented to the National Assembly, but also the establishment of privately-run short wave radio stations. The legislation involves modifications to the existing Press Bill, However, Vaal Neto cautioned that financial considerations might limit the number of new stations that are actually set up. (© Radio Netherlands Media Network - 12 June 2003, via JKB)

Remember: Radio Ecclesia broadcasts on short wave via a hired transmitter at Meyerton, South Africa. Direct short wave broadcasts from Luanda are reportedly planned, pending restoration of its license by the Angolan government. (JKB)

ANGUILLA: The programs of the *University Network* are transmitted from Anguilla in the Caribbean on 6090 kHz. This same programing is carried also on both 5029.1 and 6150 kHz from transmitters in Costa Rica. All three of these units are heard in JPN in the evening hours between 0830 and 1000 UTC with a SIO reading ranging from 242 to 353. The program was the same on all three frequencies with the preaching of Dr. Gene Scott and other religious items as well. Their address in California is given in the programing. (AWR Wavescan, 2003 June 22, via Cumbre, via BC-DX #627)

ASCENSION: *Shortwave relays* via Ascension Island, summer 2003:

Time/UTC	Days	Station	Language	Target	Freqs/kHz
0000-0115	Daily	BBC World Service	Spanish	SAm	6110 9525 11765
0000-0300	Daily	BBC World Service	English (AME)	SAm	9825
0115-0130	.twtf..	BBC World Service	Spanish	SAm	6110 9525 11765
0130-0230	Daily	RAI International	Italian	Am	6110 11765
0300-0400	Daily	BBC World Service	English (AFE)	SAf	6005
0300-0400	Daily	Voice of America	English	Af	7105
0300-0700	Daily	BBC World Service	English (AFW)	WCAf	7160
0330-0400	Daily	Radio Japan	Swahili	Af	6135
0400-0430	Daily	Voice of America	Kinyarwanda/Kirundi	Af	6120
0400-0500	Daily	Radio France Int.	French	CAf	7150
0400-0705	Daily	BBC World Service	English (AFW)	WAf	6005
0430-0500	Daily	Voice of America	Portuguese	Af	6145
0600-0700	Daily	Radio France Int.	French	WAf	11665
0629-0700	Daily	BBC World Service	English (AFW)	WCAf	15400
0700-0730	Daily	Radio Japan	Arabic	NAf	15220
0700-0800	Daily	BBC World Service	English (AFW)	WAf	11765 15400
0705-0720	Daily	BBC World Service	BBC English (AFR)	WAf	6005
0800-1000	Daily	BBC World Service	English (AFW)	WCAf	15400 17830
0800-1000	Daily	Radio Japan	Japanese	Af	17650
0900-1000	Daily	BBC World Service	English (AME)	SAm	15190
1000-1100ss	BBC World Service	English (AFW)	WCAf	15400 17830
1000-1130ss	BBC World Service	English (AME)	SAm	15190
1100-1130	Daily	BBC World Service	English (AFW)	WAf	15400
1100-1130	Daily	BBC World Service	English (AME)	SAm	17790
1100-1130	mtwtf..	BBC World Service	Spanish	SAm	15220
1100-1200	Daily	Radio France Int.	French	SAf	21530
1100-2100	Daily	BBC World Service	English (AFW)	WCAf	17830
1200-1230	Daily	Radio France Int.	English	WAf	17815
1200-1230	Daily	Voice of America	Spanish	SAm	15390 17875
1230-1245	Daily	BBC World Service	BBC English (French)	WCAf	17780 21640
1230-1300	Daily	Radio France Int.	French	CAf	17815
1230-1300	Daily	Radio Japan	French	Af	15400 17790

1300-1330	Daily	Radio Japan	Swahili	Af	17790
1300-1900	Daily	BBC World Service	English (AFE)	SAf	21470
1330-1345	Daily	BBC World Service	BBC English (Hausa)	WAf 15105	21640
1500-1700	Daily	Radio Japan	Japanese	Af	21630
1500-2300	Daily	BBC World Service	English (AFW)	WAf	15400
1600-1700	Daily	Voice of America	English	Af	15225
1630-1700	Daily	Voice of America	Swahili	Af	17785
1700-1730	mtwtf..	Voice of America	Swahili	Af	17785
1700-1800	Daily	Family R	English	Af	21680
1700-1800	Daily	RAI International	Italian	Af	15320
1730-1745	mtwtf..	UN Radio	English	Af	17580
1830-1900	Daily	FEBA	French	CAf	15130
1830-1900	Daily	RTE	Shortwave English	Af	21630
1900-2100	Daily	BBC World Service	English (AFE)	SAf	12095
1915-1930	Daily	BBC World Service	BBC English (AFR)	WCAf 15105	17885
2000-2030	Daily	Voice of America	English	Af 11855	17745
2000-2100	Daily	Family R	English	Af	15195
2030-2100	Daily	BBC World Service	Portuguese	WAf	11855
2100-0000	Daily	BBC World Service	English (AME)	SAm	12095
2100-2130	mtwtf..	Voice of America	French	Af	17750
2100-2200	Daily	Radio Japan	English	Af	11855
2200-2300	Daily	Radio Canada Int.	French	W&CAf	11755
2200-2300	Daily	Radio Japan	Japanese	SAm	15220
2230-2300	Daily	BBC World Service	Portuguese	SAm 9870	15390

(BDXC-UK Communication, 6 July 2003, via DXLD #3-120)

AUSTRALIA: HCJB - Australia re-timed & begins new broadcast in Urdu language. Allen Graham quoting Dennis Adams reported in DX-Partyline (July 5 '2003) that HCJB-Australia is in the process of applying for new frequencies for both South Pacific & South Asian release.

Wef July 21,2003 HCJB-Australia's South Pacific release will be re-timed:

Morning release - 1800-2030 UTC

Evening release - 0800-1200 UTC

Wef July 21,2003 HCJB-Australia's South Asia release will be re-timed:

Morning release - 0100-0330 UTC

Evening release - 1230-1730 UTC

HCJB-Australia will begin broadcasting in the URDU language:

As of July 7th,2003 - 1700-1730 UTC (Mon-Sat)

As of July 21st,2003 - 0100-0130 UTC (Alokesh Gupta, 6 Jul 2003)

Australian short wave broadcaster *Voice International* A03 updated schedule effective 16 June 2003 (via Darwin):

7180	2300-1800	Indonesian	15165	2200-0200	Mandarin
9880	1300-1700	English	15365	0900-1300	Indonesian
11680	1700-2100	English	17560	1400-1800	Mandarin
11935	2330-0000	Indonesian	17715	0800-0900	Mandarin
13635	1100-1700	Hindi	17820	0600-0900	Indonesian
13665	1500-1700	English	21680	0030-0100	Indonesian
13685	0900-1500	English	21680	0430-0500	Indonesian
13770	0900-1400	Mandarin	21680	0530-0600	Indonesian

(EDXP - WORLD BROADCASTING MAGAZINE NO. 294, 2. Jul 2003)

AUSTRIA: Radio Austria International has announced that when the new programme structure takes effect on 1 July, eliminating broadcasts in French and Spanish, the weekday English programme Report from Austria will continue to be broadcast at approximately the same times as at present. However, the programme will be much shorter - 15 minutes as opposed to the current 28 minutes. The weekly programme Insight Central Europe, co-produced with international broadcasters in neighbouring countries, will continue to be broadcast on Saturdays with a repeat on Sundays. (© Radio Netherlands Media Network - 24 June 2003, via JKB)

Radio Austria International has published the new schedule of its English service that takes effect 1 July. The 15-minute report from Austria will be broadcast Mon-Fri in target area as follows (all times UTC):

1215-1230 to Asia and Australia on 21780 kHz

1245-1300 to Europe on 6155 and 13730 kHz and Asia/Australia on 21780 kHz

1510-1525 and 1540-1555 to W No. America on 15515 kHz via Sackville

2315-2330 and 2345-2400 to Latin America on 9870 and 13730 kHz
 0115-0130 and 0145-0200 to E No. America on 9870 kHz
 Insight Central Europe is broadcast on Sat/Sun in the target area as follows (all times UTC):

0505 (repeated 0535) Sun only to the Middle East on 17870 kHz
 1205 (repeated 1235) to Europe on 6155 and 13730 kHz and Asia/Australia on 21780 kHz
 1505 (repeated 1535) to W No. America on 15515 kHz via Sackville
 2305 (repeated 2335) to Latin America on 9870 and 13730 kHz
 0105 (repeated 0135) to E No. America on 9870 kHz
 (© Radio Netherlands Media Network - 30 June 2003, via JKB)

BELGIUM: RTBF International (Radio-Television Belge de la Communauté Française) Brussels in French language only, A03 schedule until Oct 31. Address: RTBF International, B-1044, Brussel, Belgium. E-mail: <rtbfi@rtbf.be>, Web: <www.rtbf.be>:

To Europe:			0500-0710	17580	Mon-Fri
0430-1700	9970	Sun	0500-0906	17580	Sun
0500-2000	9970	Mon-Fri	0500-1000	17580	Sat
0600-2100	9970	Sat	1000-1115	21565	Mon-Sat
To Africa:			1100-1215	21565	Sun
0300-0500	9490	Mon-Fri	1500-1715	17570	Sun-Fri
0430-0500	9490	Sun	1600-1715	17570	Sat
0430-0600	9490	Sat			

(Marcelo A. Cornachioni in CONEXION #208, 27 Apr 2003)

CHINA (TAIWAN): Taiwan's international broadcaster has announced that it is to change its on air name; Radio Tapei International will become **Radio Taiwan International**. The station says it has discovered that the name Taipei has negative connotations in the minds of some listeners. The station ID in all 12 languages will change as from 1 July 2003. (© Radio Netherlands Media Network - 20 June 2003, via JKB)

CLANDESTINE: The new clandestine radio station **Radio Togo Libre (RTL)**, which began experimental transmissions on 1 June, says it's having problems getting its programmes on the air in a timely manner. RTL is a joint initiative of the National Dialogue of Civil Society (CNCS) and the Togolaise Diaspora for Democracy and Development (DIASTODE). Its existence was first reported in Glenn Hauser's DX Listening Digest. The programmes of RTL are produced in Togo by members and collaborators of the CNCS, at great personal risk. The finished programmes are delivered via Internet to a satellite uplink, and the satellite signal is then used to feed the shortwave transmitters. However, since June 1, Togo has experienced electricity cuts and blocking of Internet connections. This has affected the programming of RTL, such that today's [June 10] transmission is a repeat of the one broadcast last Thursday. The CNCS and the DIASTODE say they are working on solutions which will be implemented if the test phase proves to have been successful. RTL is currently broadcasting Mon-Fri at 1300-1400 UTC on 21760 kHz, and on Sundays at 2000-2100 UTC on 12125 kHz. The location of the transmitters is not disclosed, however the transmissions are listed on the Web site of the Belgian airtime broker Ludo Maes. The programmes, in French, are also available in MP3 format on the DIASTODE Web site. (© Radio Netherlands Media Network - 10 June 2003, via JKB)

Despite operating under difficult conditions, the clandestine broadcaster **Radio Togo Libre (RTL)** is seeking local correspondents in the main town of each prefecture in Togo, namely Tsévié, Atakpamé, Kpalimé, Sokodé, Kara and Dapaong. An announcement on the Togodebout.com Website says that the station also wants to recruit journalists and correspondents who speak and write one of the national languages: Ewé, Kabyè, Kotokoli, Akposso, Ifè, Ouatchi, Moba. RTL is preparing to launch a listener participation programme directed at Togolese both inside the country and in the diaspora. "Paroles de Togolais" (Words of the Togolese) will enable listeners to express their opinions about the situation in Togo, or what's happening in their own locality. The station asks listeners wishing to participate to E-mail their telephone number. RTL is currently broadcasting Mon-Fri at 1300-1400 UTC on 21760 kHz, and on Sundays at 2000-2100 UTC on 12125 kHz. It began operations on 1 June 2003, and its existence was first reported in DX Listening Digest. (© Radio Netherlands Media Network - 16 June 2003, via JKB)

Some interesting **clandestines stations** (in time order) as of June 15:

IBC Tamil Oli Radio in Tamil:	0100-0200 Fri	17540 TAC 100KW, 131deg
0000-0100 Daily	11570 NVS 100KW, 180deg	Radio Sedoye Payem e Doost in Farsi:
Hmong Lao Radio in Laotian:	0230-0315 Daily	7460 KCH 500KW, 116deg

Voice of Homeland in Arabic:
 0330-0400 Daily 7510 SAM 250KW, 188deg
 Voice of Mezopotamya in Kurdish:
 0400-0800 Daily 15675 KVI 200KW, 110deg
 Voice of Mezopotamya in Kurdish:
 0800-1600 Daily 11530 KCH 500KW, 116deg
 Voice of Tibet in Tibetan/Mandarin Chinese:
 1212-1300 Daily 15660/15670 DB 100KW, 117deg
 21560/21570 TAC 100KW, 131deg
 Radio Free Vietnam in Vietnamese:
 1230-1300 Mon-Fri 9930 WHR 100KW, 285deg
 IBC Tamil Oli Radio in Tamil:
 1230-1330 Daily 17495 MDC 050KW, 055deg
 Radio Togo Libre in French:
 1300-1400 Mon-Fri 21760 MEY 250KW, 328deg
 Que Huong Radio in Vietnamese:
 1330-1400 Mon-Sat 9930 WHR 100KW, 285deg
 Voice of Khmer-Krom in Khmer:
 1400-1500 Tue 15660 VLD 250KW, 230deg
 Voice of Tibet in Tibetan/Mandarin Chinese:
 1430-1517 Daily 17520/17540 TAC 100KW, 131deg
 Democratic Voice of Burma in Burmese:
 1430-1530 Daily 5910 TAC 100KW, 132deg
 17495 MDC 050KW, 055deg
 Voice of Homeland in Arabic:
 1500-1530 Daily 12085 SAM 250KW, 188deg
 12120 SAM 250KW, 188deg
 Voice of Liberty in Arabic:
 1600-1700 Daily 11645 SAM 200KW, 224deg
 Radio Anternacional in Farsi:
 1630-1700 Daily 13800 KCH 500KW, 116deg
 Voice of Iran in Farsi:
 1630-1730 Daily 17510 ISS 500KW, 090deg
 Voice of Komalah in Farsi:

1700-1800 Sun 7560 KVI 200KW, 110deg
 RTV Mezopotamya in Kurdish/Farsi:
 1700-1800 Tue/Wed/Fri 7560 SAM 250KW, 188deg
 Dejen Radio in Tigrina:
 1700-1800 Sat 12120 SAM 250KW, 188deg
 Radio Solidarity in Tigrina:
 1700-1800 Sun 12120 SAM 250KW, 188deg
 Sagalee Oromiya in Oromo:
 1730-1800 Mon/Thu 12120 SAM 250KW, 188deg
 Voice of Eritrean People in Tigrina:
 1730-1800 Sun 9990 KVI 200KW, 140deg
 Voice of Ethiopian Mehdin in Amharic:
 1800-1900 Sun 7520 ARM 200KW, 235deg
 Voice of Ethiopian Mehdin in Amharic:
 1830-1930 Sun 12120 SAM 250KW, 188deg
 Radio Sedoye Payem e Doost in Farsi:
 1800-1845 Daily 7480 KCH 500KW, 116deg
 Voice of Reform in Arabic:
 1800-2000 Daily 15705 KVI 500KW, 125deg
 Jakada Radio International in Hausa:
 1900-1930 Mon-Fri 15170 MEY 250KW, 335deg
 Voice of Ethiopia WS in English:
 2000-2100 Sun 7520 KVI 200KW, 140deg
 Radio Togo Libre in French:
 2000-2100 Sun 12125 MEY 250KW, 335deg
 Voice of Biafra International in English:
 2100-2200 Sat 7380 MEY 250KW, 335deg
 Fang Guang Ming Radio in Mandarin Chinese:
 2100-2200 Daily 6035 SAM 200KW, 297deg
 9625 SAM 200KW, 297deg
 Democratic Voice of Burma in Burmese:
 2330-0030 Daily 9435 JUL 100KW, 080deg
 9760 MDC 200KW, 055deg

(Ivanov & Datzinov in OBSERVER, via WB; 2003 June 17)

Clandestines 25 June 2003, compiled from <http://www.eibi.de.vu/> (station list of Eike Bierwirth, Leipzig, Germany) by DXA375-Silvain Domen.

0000 0030 Su	Conversando e.Cubanos S CUB 9955/USA	1215 1300	Voice of Tibet TB As 15635/KAZ 15660/KAZ 21560/UZB 21720/UZB
0000 2400	Star Star BS (Xin Xing) M CHN 8300 9725 11430 13750 15385	1230 1300 Mo-Fr	Radio Free Vietnam VN SEA 9930/HWA
0030 0045 Su	La Hora de Chibas S CUB 9955/USA	1300 1400 Mo-Fr	Radio Togo Libre F TGO 21760/AFS
0030 0100	V.o.National Salvation E KOR 1053 3480 4400	1300 1430	VoJammu-Kashmir Freedom E SAs 5101.1
0030 0130 Mo	Radio Oriente Libre S CUB 9955/USA	1300 0300	V.o.Iraqi People A IRQ 4875/ARS-j 9563/ARS
0100 0200 Fr	Hmong Lao Radio LAO LAO 17540/UZB	1315 2100	V.o.People of Kurdistan A,KU ME 1206 4025 4417
0100 0200 Su	Radio Revista Lux S CUB 9955/USA	1330 1400 Mo-Sa	Que Huong Radio VN SEA 9930/HWA
0130 0200 Mo	Conversando e.Cubanos S CUB 9955/USA	1400 1500 Tu	Voice of Khmer Krom KH SEA 15660/RUS-v
0200 0230	V.o.Iranian Kurdistan FS,KU ME 3975	1430 1515	Voice of Tibet TB As 17520/UZB 17540/UZB
0200 0500	V.o.People of Kurdistan A,KU ME 4025 4417	1430 1525	Democr.Voice of Burma BR SEA 5910/KAZ 5945/UZB 17495/MDG
0200 0500	Vo.Toilers of Kurdistan A,KU ME 4245	1430 1530	Radio Sadaye Kashmir UR SAs 6100/IND
0230 0315	Radio Payam-e Doost FS ME 7460/MDA	1430 1530	V.o.Comm.Party of Iran FS ME 3880 4380
0230 0330	Radio Sadaye Kashmir UR SAs 6100/IND	1430 1800	Vo.Toilers of Kurdistan A,KU ME 4245
0230 0330	V.o.Comm.Party of Iran FS ME 3880 4380	1500 1530	V.o.Iranian Kurdistan KU,FS ME 3975
0230 0400	Radio Komala FS,KU ME 3928 4620	1500 1530	Voice of Homeland A SYR 12085/RUS-s 12120/RUS-s
0300 0400	V.o.Conserv.Party Kurd.A,KU ME 4167	1500 1557 Sa	V.o.Democratic Eritrea TIG WEU 5925/NOR-k
0300 0400	V.o.Mujahedin Ir.Kurd. FS,KU ME 4260-4290	1500 1700	VoKurdistan Soc.Dem.Pty KU,A ME 4140
0300 0420	V.o.Iraqi People (2) A ME 3900 5880	1520 2055	V.o.Iraqi Kurdistan A,KU ME 4085
0300 0600	Echo of Hope K KRE 3985 6348	1530 1600	Voice of Sudan A Eaf 8000/ERI
0300 0700	V.o.National Salvation K KOR 1053 3480 4400 4450 4557	1530 1630	V.o.Iranian Revolution KU ME 3880 4380
0300 0700	Voice of the People K KRE 6518 6600	1600 1630	We,Sa Tigrean Int. Solidarity TIG Eaf 15265/D-j STILL ON???
0325 0425 Sa-Th	V.o.Iranian Revolution KU ME 3880 4380	1600 1700	Radio Freedom KU ME 3900
0330 0350	V.o.Peace and Democracy TIG Eaf 5500/ETH 6350/ETH	1600 1700	Radio Kurdistan A,KU ME 4120
0330 0400	Voice of Homeland A SYR 7510/RUS-s	1600 1700	Voice of Independence A,KU ME 4160
0340 0600	Radio Kurdistan A,KU ME 4120	1600 1700	FPM V.o.Lebanon Liberty A ME 11645/RUS-s
0340 0600	V.o.Iraqi Kurdistan A,KU ME 4085	1600 1730	Radio Komala FS,KU ME 3928 4620
0400 0430 Sa-Th	V.o.Freedom and Renewal A SDN 6985	1600 1800	Ashur Radio, V.o.Zowaa ASY ME 9155
0400 0800	Denge Mesopotamia KU ME 15675/NOR-k	1600 1900	SW Radio Africa E ZWE 4880
0430 0530	V.o.Comm.Party of Iran FS ME 3880 4380	1630 1700	Radio International FS IRN 13800/MDA
0730 0830	Radio Sadaye Kashmir UR SAs 9890/IND	1630 1730	V.o.Comm.Party of Iran FS ME 3880 4380
0745 1200	Ashur Radio, V.o.Zowaa A,ASY ME 9155	1630 1730	Radio Voice of Iran FS IRN 17510/F
0800 0900	Voice of China M CHN 11940/TWN	1630 1755 We,Th	V.o.Southern Azerbaijan AZ IRN 9375
0800 1600	Denge Mesopotamia KU ME 11530/MDA	1700 1757 Su	Voice of Komala KU/FS ME 7560/NOR-k
0900 1100	Radio Indep. Mekumui SLM PNG 3850 (LSB)	1700 1800 Sa	Dejen Radio TIG Eaf 12120/RUS-s
0900 2100	Echo of Hope K KRE 3985 6348	1700 1800 235	Mesopotamian RTV KU ME 7560/RUS-s [Tue/Wed/Fri]
1000 1030 135	LV de la Junta P.Cubana S CUB 9955/USA [M/W/F]	1700 1800 Su	Radio Solidarity TIG ETH 12120/RUS-s
1000 1100 Sa	Foro Militar Cubano S CUB 9955/USA	1700 1800	V.o.Mojahedin Ir.Kurd. KU,FS ME 4260-4290
1000 1200	V.o.National Salvation K KOR 1053 3480 4400	1700 1800 2357	V.o.Oromo Liberation OO Eaf 15670/D-j [Tu/We/Fr/Su]
1030 1130 135	Entre Cubanos S CUB 9955/USA [M/W/F]	1700 1830	Radio Komala KU,FS ME 3930 4610
1100 2100	Voice of the People K KRE 3912	1730 1758 Su	V.o.Eritrean People TIG Eaf 9990/NOR-k
1200 1700	V.o.National Salvation K KOR 1053 3480 4400 4450 4557		

1730 1800 Mo,Th Sagalee Oromiyaa 00 Eaf 12120/RUS-s	2000 2100 Su Radio Togo Libre F TGO 12125/AFS
1755 1925 V.o.Iraqi People (2) A ME 3900 5880	2000 2100 Su Voice of Ethiopia E Eu 7520/NOR-k
1800 1827 Su V.o.Eritrean People TIG WEu 7530/NOR-s	2000 0030 V.o.National Salvation K KOR 1053 3480 4400 4450 4557
1800 1845 Payam-e-Doost FS ME 7480/MDA	2020 2030 V.o.Iraqi Kurdistan E ME 4085
1800 1900 Su V.o.Ethiopian Salvation AH Eaf 7520/RUS-a	2100 2200 Fang Guang Ming Radio M FE 6035/RUS-s 9625/RUS-s
1800 2000 Mo-Sa Radio Yaran FS IRN 7525/NOR-k	2230 2330 Voice of China M CHN 7270/TWN
1800 2000 Voice of Reform A ARS 15705/NOR-k	2300 2400 Sa Foro Militar Cubano S CUB 9955/USA
1800 2057 Radio Voice of Iran FS ME 7525/NOR-k ???	2300 2400 Su Radio Revista Lux S CUB 9955/USA
1830 1930 Su V.o.Ethiopian Salvation AH Eaf 12120/RUS-s	2300 0100 Voice of the People K KRE 6600
1900 1930 Mo-Fr NIG Jakada Radio Internat. HA WAF 15170/AFS (not c?)	2330 0030 Democratic Voice of Burma BR SEA 9435/D-j 9760/MDG

(via S. Domen, Jun 28, 2003 in DXA-ML via CRW via DXLD #3-120)

CROATIA: Frequency schedule of *HRT - Croatian Radio*. Contact: Zelimir Klasan, Hrvatska Radio Televizija (HRT), Prisavlje 3, Zagreb. Fax: +385 1 6163347 and E-mail Zelimir.Klasan@hrt.hr
 Europe/Mediterranean 6165 0400-2300, 9830 0400-1730, 13830 0400-2300, South America 9925 2300-0400, North America East 9925, 2300-0300, North America West 9925 0300-0700, New Zealand 9470 0400-0700, Australia 13820 0600-1000. (Website via Mike Barraclough via BC-DX #625, 16 June 2003)

CUBA: *Radio Habana Cuba* - Schedule in Spanish [UTC often given with 2 digits = hour, Ed.].

Morning				RIO DE JANEIRO	17750 kHz 14
CARACAS	11705 kHz	11-15		English	
NORTE-CENTRO-SUDAMERICA	11760 kHz	11-15		EUROPA	13750 kHz 2030-2130
MEXICO	9550 kHz	12-14		ESTADOS UNIDOS	9820 kHz 0100-0500
CARIBE	6000 kHz	11-14		CHICAGO	6000 kHz 0100-0500
BUENOS AIRES	15230 kHz	12-14		PACIFICO	9820 6180 9665 kHz 05-07
Afternoon				French	
EUROPA	17750	15120 kHz	21-23	CARIBE	9550 kHz 0000-0030
AMERICA DEL SUR		15230 kHz	21-23	NORTE AMERICA	11760 kHz 0030-0100 & 0130-0200
Nighttime				Portuguese	
CARACAS	9600 kHz	00-05		EUROPA	15120 17750 kHz 2000-2030
NORTE-CENTRO-SUDAMERICA	11760 kHz	00-05		BRASIL	17705 2200-2230 & 2300-2330
AMERICA CENTRAL	9505 kHz	00-05			15230 kHz 2300-2400
MEXICO	5965 kHz	00-05		GUARANI language	
BUENOS AIRES	15230 kHz	00-05		SUDAMERICA	17705 kHz 2230-2300 & 2330-2400
CHICAGO	9820 kHz	00-01		QUECHUA language	
WASHINGTON	6000 kHz	00-01		SUDAMERICA	17705 kHz 0000-0030
Informative Round Table (Mon-Fri[Sat in NoAM])				CREOLE language	
ESTADOS UNIDOS	6000 kHz	23-01		CARIBE	6190 kHz 2130-2200 & 2330-2400
SUDAMERICA	11875 kHz	23-01		ANTILLAS	9505 kHz 0100-0130
Hello PRESIDEN				ESPERANTO transmission (on Sunday only)	
(Programa dominical del Presidente de Venezuela				PACIFICO	9820 kHz 0700-0730
Hugo Chavez Frias)				NORTE-CENTRO-SUDAMERICA	11760 kHz 1500-1530
CENTROAMERICA	13680 kHz	14		EUROPA	13750 kHz 1930-2000 & 2200-2230
ANTILLAS	11670 kHz	14		AMERICA	9600 11760 9505 kHz 2330-2400
ESTADOS UNIDOS	13750 kHz	14			

(Swopan Chakroborty via BC-DX #626, 2003 June 8)

DRM: Updated schedule for DRM broadcasts from July 6, 2003:

UTC	kHz	Site	kW	Beam	Programme / Remarks	1305-1455	5975	JUL 040	290	DTK T-Systems
0300-0400	11955	SAC	070	285	BBC WS	1400-1600	6180	WER	500	ND DW German >>>> from August 1
0430-0530#	15400	BON	010	230	RNW English	1400-1600	13605	MOR	010 037	VOA Arabic
0600-0800	15110	KBD	050	100	Radio Kuwait English	1600-1700	6140	JUL 040	ND	DW English
0700-1000	11865	SAC	070	060	RCI English >>>> till July 25	1600-1800	7125	WER	500 040	DW English >>>> from August 1
0800-1100	15110	KBD	050	100	Radio Kuwait Arabic	1600-1800	11790	MOR	010 037	VOA Arabic
0800-1600@	6095	JUN	035	ND	RTL Music	1700-1800	6140	JUL 040	ND	DW German
0900-1300	15440	SIN	080	040	DW English	1800-1900	6140	JUL 040	ND	DW English
1000-1100	6140	JUL	040	120	DW English	1800-1900	15215	RMP	030 062	BBC Russian
1000-1100*	9760	RMP	030	105	Christian Voice English	1800-2000	9855	MOR	010 037	VOA Arabic
1000-1400	9615	FLE	040	187	RNW Dutch >>>> from July 28	2000-2030	9795	SAC	070 268	Vatican Radio English
1000-1500	7320	RMP	030	105	BBC WS	2030-2100	9795	SAC	070 268	RNW English
1100-1200	6140	JUL	040	120	DW German	2100-2200	9795	SAC	070 268	RCI English/French
1100-1300	9410	RMP	030	115	BBC WS	2200-2230	9795	SAC	070 268	DW German
1200-1300	6140	JUL	040	120	DW English	2230-2300	9795	SAC	070 268	Radio Sweden English
1200-1400	9655	WER	500	270	DW English >>>> from August 1	2300-2400	9795	SAC	070 268	BBC WS
1200-1400	15430	MOR	010	037	VOA Arabic	2330-0030	15525	BON	010 350	RNW English
1300-1600	9615	FLE	040	187	RNW Dutch >>>> till July 27	# Sat/Sun				@ Mon-Fri
1300-1700	15780	MSK	080	270	VOR WS					* Monday

(R BUL Observer, Ivo Ivanov and Angel Datzinov, via BC-DX July 8)

Please note: You can now find a list of DRM broadcasts compiled and permanently updated by OM Klaus Schneider, Germany, at: <<http://www.wwdx.de/drm.htm>>

FINLAND: A03 transmissions for *YLE Radio Finland*.

Finnish:

558 24 hrs
 963 24 hrs
 6120 0400-2200
 9560 0530-0600
 9655 0400-0600
 9705 1300-1500
 11755 0500-2000
 11895 2330-2345
 11990 0100-0200
 13665 2330-2345
 13730 0100-0200
 13775 0430-0500
 15135 0600-0800
 15335 1700-1800
 15400 1200-1300
 15445 0400-0530
 15515 1900-2000 Th
 17625 1300-1400
 17670 0700-0800 Sa, Su, 1200-1300,
 1530-1600, 1700-1800 Su
 17710 1700-1900
 21595 1000-1100
 21800 0830-0945, 1000-1200
 Special Finnish:
 1555 17670
 1945 6140 558
 2055 6120 963
 0245 6120 558
 0845 17615 558
 Latin
 1555 17670 Su
 1945 6140 558 Su
 2055 6120 963 Su
 0245 6120 558 Mo
 0845 17615 558 Mo
 Swedish
 0530-0600 9560 Su
 0630-0700 15135 Su
 1000-1100 15530 Su
 1235-1300 15400, 17670 Sa
 1300-1900 9630
 | Radio Vega relay: 1400-1600.
 | R.Vega/R. Extream rly: 1630-1900.

Russian

0200-0245 6120, 558
 0445-0500 Helsinki 97.5, Tampere 88.3,
 Turku 96.7, Lahti 90.3,
 Kuopio 88.1, Jyvaskyla 87.6
 0700-0800 17615 Sa
 0800-0845 558, 17615
 1900-1945 558, FM (see above), 6140
 | Radio 1: 1955-2000
 Local stations relay:
 0700-0800 11755, 6120, 963
 | Mo Kainuun Radio,
 | Tu - Etela-Savon Radio,
 | Wd - Pohjos-Karjalan Radio,
 | Th - Turun Radio,
 | Fr - Tampereen Radio,
 | Sa - Radio Keski-Suomi (till 0900)
 0800-0900 11755, 6120, 963
 | Mo - Ita-Uusimaa,
 | Tu - Radio Perameri,
 | Wd - Kymenlaakson Radio,
 | Th - Radio Hame,
 | Fr - Radio Keski-Pohjonmaa.
 1000-1100 11755, 6120, 963
 | Mo - Lahden Radio,
 | Tu - Satakunnan Radio,
 | Wd - Tampereen Radio,
 | Th - Etela-Karjalan Radio,
 | Fr - Lapin Radio.
 1200-1300 11755, 6120, 963
 | Mo - Turun Radio,
 | Tu - Radio Savo,
 | Wd - Ylen lantinen,
 | Th - Oulu Radio,
 | Fr - Pohjanmaan Radio.
 1315-1400 9630 in Swedish
 | Mo - Radio Aboland,
 | Tu - Radio Vastnyland,
 | Wd - Radio Osterbotten,
 | Th - Radio Mellannyland,
 | Fr - Radio Ostnyland
 1315-1400 11755, 6120, 963
 & 9705 (-1330)
 | Mo - Fr Ylen aikainen.

(via Sergey Kolesov, via Alan Roe, June World DX Club Contact via DXLD #3-107; 15 June 2003)

GERMANY: *German Telecom - Relay* stations transmissions, latest schedule A03 period (03/30/2003 - 10/25/2003) version A03web07 / 04.07.2003 (1=Sun ... 7=Sat):

frq	start	stop	ciraf	ant	azi	type	day	from	to	loc	pow	broad
9855	0000	0100	7,8,9	105	295	216	1234567	300303	261003	JUL	100	LRT
5975	0815	1305	28	406	60	106	1234567	300303	261003	JUL	40	DRM
5975	1305	1500	28	406	60/290	106	1234567	300303	261003	JUL	40	DRM
9760	1100	1300	27,37	308	220	216	1234567	300303	261003	JUL	40	DRM
15715	0900	1400	18,28	308	20	216	1234567	300303	261003	JUL	40	DRM
15650	1445	1500	39,40	207	100	218		1 030803	261003	JUL	100	PAB*

15650	1500	1515	39,40	102	115	217	1	010603	261003	JUL	100	PAB
15650	1530	1545	39,40	208	100	218	1	150603	261003	JUL	100	PAB
15650	1545	1600	39,40	110	100	217	1	010603	261003	JUL	100	PAB
9435	2330	0030	41,49	208	80	218	1234567	300303	261003	JUL	100	DVB
6045	0858	1000	27,28	401	ND	926	1	300303	261003	JUL	100	EVR
6015	1730	1759	27,28	401	ND	926	1234567	110503	261003	JUL	100	EVR
5985	0900	0959	27,28	104	115	206	1	300303	261003	JUL	100	CHW
15670	1700	1759	38,39,48	304	145	217	1346	300303	261003	JUL	100	SBO
15750	1830	1859	52,53	301	160	216	5	100403	261003	JUL	100	RRP
15715	0500	0600	38,39	106	115	217	1234567	300303	261003	JUL	100	IBR
15715	1400	1530	40,41	109	90	218	1234567	300303	261003	JUL	100	IBR
15715	1530	1630	39,40	107	115	217	1234567	300303	261003	JUL	100	IBR
9605	2000	2100	37,38	405	175	141	1234567	300303	261003	JUL	100	IBR
11610	1645	1715	39,40	222	90	216	1234567	300303	261003	WER	125	IBR
15450	1730	1759	47,48	120	135	217	1234567	010703	261003	WER	125	IBR
12140	1900	2000	46NE,SE,NW	304	190	217	1234567	260503	261003	JUL	100	IBR
15695	1730	1845	47,48,52	305	145	217	1234567	070503	261003	JUL	100	IBR
15265	1600	1629	37,38	305	175	217	1	300303	261003	JUL	100	UNL
9435	0100	0129	41	110	90	217	1	300303	261003	JUL	100	UNL
6015	1630	1659	27,28	401	ND	926	345	300303	261003	JUL	100	UNL
15750	1800	1829	46,47,48	302	160	216	1	300303	261003	JUL	100	UNL
15565	1900	1929	39,40	102	115	217	1	300303	261003	JUL	100	UNL
13810	1300	1559	27,28,39,40	106	115	217	1234567	180703	261003	JUL	100	TOM
13810	1400	1559	18,28,29	308	30	216	1234567	180703	261003	JUL	100	TOM
13810	0700	0900	55,58,59,60	206	250	218	1234567	210603	040703	JUL	100	TOM*
9770	0400	0559	55,58,59,60	112	240	216	1234567	050703	261003	JUL	100	TOM*
6110	1200	1230	27,28	402	ND	976	1234567	230503	261003	JUL	100	TOM
6110	1230	1659	27,28	401	ND	926	7	230503	261003	JUL	100	TOM
6110	1230	1559	27,28	401	ND	926	123456	230503	261003	JUL	100	TOM
9490	0257	0459	47,48,52,53	306	160	216	23456	300303	261003	JUL	100	RTB
9490	0427	0459	47,48,52,53	306	160	216	17	300303	261003	JUL	100	RTB
17580	0500	0712	47,48,52,53	303	160	216	23456	300303	261003	JUL	100	RTB
17580	0500	0959	47,48,52,53	303	160	216	7	300303	261003	JUL	100	RTB
17580	0500	0806	47,48,52,53	303	160	216	1	300303	261003	JUL	100	RTB
21565	0957	1206	47,48,52,53	301	160	216	23456	300303	261003	JUL	100	RTB
21565	1000	1117	47,48,52,53	301	160	216	7	300303	261003	JUL	100	RTB
21565	1057	1117	47,48,52,53	301	160	216	1	300303	261003	JUL	100	RTB
17570	1457	1716	47,48,52,53	301	160	216	123456	300303	261003	JUL	100	RTB
17570	1557	1716	47,48,52,53	301	160	216	7	300303	261003	JUL	100	RTB
5975	0700	0815	27,28	406	290	106	17	300303	261003	JUL	100	BVB
13810	1630	1700	38S,39S,47,48	305	130	217	1234567	300603	261003	JUL	100	BVB
13810	1700	1729	38S,39S,47,48	305	130	217	2345	080703	261003	JUL	100	BVB
13725	1900	1915	46,47	305	175	217	2345	070403	261003	JUL	100	BVB
13725	1900	1930	46,47	305	175	217	6	110403	280603	JUL	100	BVB*
13725	1900	1930	46,47	305	175	217	16	290603	261003	JUL	100	BVB*
13725	1900	2000	46,47	305	175	217	7	100503	261003	JUL	100	BVB
15750	1615	1730	39,40	106	115	217	3456	300603	261003	JUL	100	BVB*
15750	1700	1759	39,40	106	115	217	17	300603	261003	JUL	100	BVB*
17595	0845	1015	38,39	308	135	217	6	160503	261003	WER	125	BVB
5970	1800	1900	28,29	404	60	141	7	210603	261003	JUL	100	BVB
5970	1800	1930	28,29	404	60	141	1	210603	261003	JUL	100	BVB
13710	1900	1930	39,40	111	120	217	5	300303	261003	WER	250	BVB
13710	1900	2000	39,40	111	120	217	167	050703	261003	WER	250	BVB
13840	0500	0530	39,40	120	120	217	23456	050503	261003	WER	125	BVB
15600	0130	0200	40,41	111	90	217	234567	070603	280603	WER	250	BVB*
11975	0030	0100	41	401	95	216	7	070503	310503	NAU	250	BVB
15775	1430	1529	41,43,49	218	75	217	1234567	300303	261003	WER	250	GFA
15660	1530	1629	40,41	218	90	217	1234567	300303	261003	WER	250	GFA
11795	0030	0130	40,41	212	90	217	1234567	300303	261003	WER	250	GFA
11905	2300	0030	41,43,49	221	75	217	1234567	300303	261003	WER	250	GFA
5975	0700	0750	27,28	406	290	106	23456	010503	060903	JUL	100	VOH
5975	0700	0745	27,28	406	290	106	23456	070903	261003	JUL	100	VOH

15775	1330	1430	49,50	202	70	218	1234567	300303	261003	JUL	100	NHS
17655	1530	1615	40,41	207	90	218	23456	030503	261003	JUL	100	VOH
15680	1530	1700	39,40	101	115	217	2	300603	261003	JUL	100	VOH
15680	1530	1745	39,40	101	115	217	3	300603	261003	JUL	100	VOH
15680	1530	1759	39,40	101	115	217	46	300603	261003	JUL	100	VOH
15680	1530	1715	39,40	101	115	217	5	300603	261003	JUL	100	VOH
15680	1515	1759	39,40	101	115	217	17	300603	261003	JUL	100	VOH
15750	1615	1730	39,40	106	115	217	2	300603	261003	JUL	100	VOH
13845	1800	1859	39,40	208	100	218	17	030503	261003	JUL	100	VOH
5970	1800	1845	28,29	404	60	141	23456	300303	060903	JUL	100	VOH
6010	1800	1845	28,29	404	60	141	23456	100903	261003	JUL	100	VOH
13720	1700	1800	37,38	406	165	106	1234567	300303	261003	JUL	100	YFR
13855	2000	2100	39,40	103	115	217	1234567	300303	261003	JUL	100	YFR
13590	2000	2100	37,38,46,47	406	190	106	1234567	290503	261003	JUL	100	YFR
13810	0400	0559	46,47,52,53	302	160	216	1234567	300303	261003	JUL	100	UMC
15435	0600	0800	37,46	304	190	217	1234567	300303	261003	JUL	100	UMC
13820	1700	1859	38,48,53	105	145	216	1234567	300603	261003	JUL	100	UMC
15715	1700	1859	46,47,52,53	306	160	216	1234567	300303	261003	JUL	100	UMC
9925	2300	0059	11-16	202	230	218	1234567	300303	261003	JUL	100	HRT
9925	0100	0400	11-16	202	230	218	1234567	010503	261003	JUL	100	HRT
9925	2300	0100	6-10	112	300	216	1234567	010503	261003	JUL	100	HRT
9925	0100	0259	6-10	112	300	216	1234567	300303	261003	JUL	100	HRT
9925	0300	0459	2-10	119	325	216	1234567	300303	261003	JUL	100	HRT
9925	0500	0700	2-10	119	325	216	1234567	010503	261003	JUL	100	HRT
9470	0400	0500	55,59,60	202	230	218	1234567	010503	261003	JUL	100	HRT
9470	0500	0659	55,59,60	202	230	218	1234567	300303	261003	JUL	100	HRT
13820	0600	0700	58,59,60	208	270	218	1234567	010503	261003	JUL	100	HRT
13820	0700	0859	58,59,60	208	270	218	1234567	300303	261003	JUL	100	HRT
13820	0900	1000	58,59,60	208	270	218	1234567	010503	261003	JUL	100	HRT
<u>FMO (Frequency Managing Organizations)</u>												
6140	0600	1000	27,28	405	175	141	1234567	300303	261003	JUL	100	DWL
6140	1000	1300	27,28	406	120	106	1234567	300303	261003	JUL	100	DWL
6140	1300	1600	27,28	405	175	141	1234567	300303	261003	JUL	100	DWL
6140	1600	1900	27,28	402	ND	976	1234567	300303	261003	JUL	100	DWL
6045	1027	1225	18,27,28NW	401	ND	926	1234567	300303	261003	JUL	100	RNW
11655	0600	0700	18	308	20	216	1234567	010603	310803	JUL	100	RNW
5910	1757	1956	27,28	401	ND	926	7	300303	261003	JUL	100	VRT
5985	0657	0726	27,28	119	265	216	1234567	300303	261003	JUL	100	VRT
13685	0457	0656	27,28,37-39	103	115	217	1234567	300303	261003	JUL	100	VRT
13710	1729	1856	27,28,37-39	111	120	217	1234567	300303	261003	JUL	100	VRT
7125	0400	0500	28E	104	115	206	1234567	300303	261003	JUL	100	AWR
15160	0600	0730	37,38W	211	210	216	1234567	010603	310803	WER	125	AWR
15160	0600	0730	37,38W	308	200	216	1234567	010903	261003	JUL	100	AWR
11880	0900	1000	28W	105	145	216	17	300303	261003	JUL	100	AWR
15360	1630	1659	28E	107	115	217	1234567	300603	261003	JUL	100	AWR
15235	1700	1759	28E	107	115	217	1234567	300303	261003	JUL	100	AWR
15175	1900	2030	37,38W	307	200	216	1234567	260503	261003	JUL	100	AWR
13650	0555	0800	37S,38W,46	307	200	216	1234567	300303	261003	JUL	100	SRI
15445	0555	0800	37S,38	306	160	216	1234567	300303	261003	JUL	100	SRI
13750	1625	1655	28,38E,39	402	120	218	1234567	300303	261003	NAU	125	SRI
13750	1655	1815	28,38E,39	111	120	217	1234567	300603	261003	WER	125	SRI
15515	1625	1815	38,39	102	115	217	1234567	300303	261003	JUL	100	SRI
13645	1825	2130	37S,38W,46	308	200	216	1234567	260503	261003	JUL	100	SRI
11815	1825	2130	47,52,53,57	303	160	216	1234567	300303	261003	JUL	100	SRI
21750	0555	0800	47,52,53,57	301	160	216	1234567	300303	261003	SOT		SRI
21770	0825	1030	47,52,53,57	305	160	217	1234567	300303	261003	SOT		SRI
17870	1625	1815	38,39,48	305	145	217	1234567	300303	261003	SOT		SRI
13795	1825	2130	38,48,53	305	145	217	1234567	300303	261003	SOT		SRI
9885	2155	2400	13-16	112	240	218	1234567	300303	261003	SOT		SRI
9660	1600	1645	28	211	110	216	7	300303	261003	JUL	100	TWR
6045	0645	0820	27	401	ND	926	1	300303	261003	JUL	100	TWR
6045	0655	0820	27	401	ND	926	23456	300303	261003	JUL	100	TWR

6045	0645	0750	27	401	ND	926	7	300303	261003	JUL	100	TWR
7135	1600	1645	28	211	110	216	7	120403	261003	JUL	100	TWR
9490	1230	1245	28	104	130	206	1234567	300303	261003	JUL	100	TWR
17670	0600	0800	39,40	207	100	218	1234567	300303	261003	JUL	100	VOR
17705	1400	1500	39,40	107	115	217	1234567	300303	261003	JUL	100	VOR
9405	1900	2100	39,40	208	100	218	1234567	300303	261003	JUL	100	VOR
5985	1900	2100	39,40	105	115	216	1234567	300303	261003	JUL	100	VOR
7260	2000	2100	39,40	111	105	216	1234567	200403	261003	JUL	100	VOR
7120	2200	2300	39,40	105	100	216	1234567	200403	261003	JUL	100	VOR
9870	1600	1630	28	104	100	206	1234567	300303	261003	JUL	100	IBB
9870	1630	1659	28	104	100	206	23456	300303	261003	JUL	100	IBB
9740	1800	1900	39	211	110	216	1234567	140403	261003	JUL	100	IBB
9865	1700	1759	39	110	100	217	1234567	300303	261003	JUL	100	IBB
11910	0300	0400	39	111	105	216	1234567	300303	261003	JUL	100	IBB
7205	0100	0300	39	211	110	216	1234567	310503	261003	JUL	100	IBB
11930	0400	0600	39	211	110	216	1234567	300303	261003	JUL	100	IBB
11680	1400	1500	29SE	208	100	218	1234567	300303	261003	JUL	100	IBB
9565	1500	1659	29	406	70	106	1234567	300303	261003	JUL	100	IBB
5945	2230	0030	40NW,40SO	108	90	216	1234567	140403	261003	WER	500	IBB
12140	0230	0430	40NW,40SO	221	90	218	1234567	300303	261003	WER	500	IBB
15690	0630	1030	40	111	90	217	1234567	300303	261003	WER	500	IBB
15690	1230	1430	40	105	90	217	1234567	300303	261003	WER	500	IBB
15690	1630	1830	40	218	90	217	1234567	300303	261003	WER	500	IBB

* changes

+ active on demand

momentary not active

AWR Adventist World Radio

BVB Bible Voice Broadcasting

CHW Christliche Wissenschaft

DTK Deutsche Telekom

DVB Democratic Voice of Burma

DWL Deutsche Welle

DLF Deutschlandfunk

DLR DeutschlandRadio

EVR Evangeliums Radio Hamburg

GFA Gospel For Asia

HRT Hrvratska Radio Televizija

IBB International Broadcast Bureau

IBR IBRA Radio Sweden

LRT Radio Vilnius Lithuania

PAB Pan Am Broadcasting

RNW Radio Netherlands World Service

RRP Radio Reveil Paroles de Fri

(Weyl via WDXC-HQ; July 10, 2003)

RSA Radio Salama

RTB Radio Television Belge de la
communaute Francaise

SBO Sagalee Bilisummaa Oromoo

SRI Swiss Radio International

TIS Tigrean International Solidarity for
Justice and Democracy

TOM The Overcomer Broadcast

TWR Trans World Radio

UMC The United Methodist Church

UNL Universelles Leben

VOH High Adventure Ministries - The Voice
of Hope (ex HAM)

VOR Voice of russia

VRT Vlaamse Radio en Televisie (ex RVI)

YFR WYFR Family Radio

IRAQ: A feature in Time magazine reveals some new information about the current *state of broadcasting in Baghdad*. There are currently more than 20 radio stations operating in the city. Baghdad Radio, operating under the auspices of the US-backed Iraqi Media Network, is broadcasting 12 hours a day on mediumwave 1026 kHz using a 1 kW emergency transmitter that previously belonged to the Iraqi Information Ministry. 25 volunteers run the station, which broadcasts a mixture of news and Arabic easy listening music. The US Agency for International Development (USAID) reports that its Office of Transition Initiatives (USAID/OTI) completed renovation of the Iraqi Media Network (IMN) building on June 15. The site was heavily damaged and looted following the war - seriously impeding the IMN's ability to develop, edit and broadcast radio and TV content. OTI cleared rubble from the site; restored the 4 buildings to their pre-war condition; and added special air conditioning units needed to ensure the reliability of broadcast equipment. (© Radio Netherlands Media Network - June 2003, via JKB)

ITALY: *Radio Abeokuta* is a new member of *NEXUS-IBA*. Radio Abeokuta will start their first broadcast on Friday, June 6, 2003, at 2000-2030 on 5780 kHz via IRRS- Shortwave, aiming at reaching the large community of Nigerians living in Europe. They will air plenty

of African music - seldom heard on airwaves - and information for all concerned. Radio Abeokuta will be heard each Friday via IRRS-Shortwave at 2000-2030 on 5780 kHz, with a repeat on the following Wednesday at the same time and on the same frequency. For more information please visit <<http://www.abeokuta.org>>. (Ron Norton - IBA, 2003 June 6, via Cumbredx mailing list via DXLD #3-100)

IRELAND: Overseas schedule in English of *Radio Telefis Eireann - RTE*, until 10/26/2003. Postal address: Radio Telefis Eireann, Broadcasting Developments, Dublin 4, Ireland. Ed.). Website <<http://www.rte.ie/radio/worldwide.html#shortwave>>

0130-0200	R-6155	CAM
1000-1030	K-15280	AUS
1800-1830	R-15585	ME
1830-1900	C-13640	NAM
1830-1900	A-21630	AF

(A) Ascension, (C) Sackville - Canada, (K) Kranji - Singapur, (R) Rampisham- UK
(Marcelo A. Cornachioni in CONEXION #211, 18 May 2003)

ISRAEL: The Director General of the *Israel Broadcasting Authority (IBA)*, Yosef Barel, today presented his restructuring plan to the IBA managing committee. Under the plan, the Foreign Service of Israel Radio will close. The plan has been necessitated by the government's planned budget cut of NIS 230m (about US\$52m) in the period through 2006. This year's budget alone will be cut by NIS 90m (approx US\$20m). The plan will see 200 employees taking early retirement, saving NIS 30m (just under US\$7m). The IBA will also save NIS 65 million (US\$14.7m) by merging or closing some of its networks. Israel-Middle East Television (the Arabic-language satellite station) will be merged with Channel 33. In radio, Reshet Aleph and the classical music channels will be merged into a single cultural network. Channels to be closed, in addition to the Foreign Service, are the Moreshet - Jewish Religious Network and the Immigrant Network. (© Radio Netherlands Media Network. - 11 June 2003, via JKB)

LIBERIA: According to the latest newsletter of international Christian broadcaster *High Adventure Ministries*, plans to set up a shortwave station in Liberia have been abandoned due the political situation there. The organisation says it has received permission from the Ugandan government to set up the station in Uganda instead. This will enable High Adventure Ministries to resume shortwave broadcasts to the Middle East. Three years ago, the organisation was forced out of its station on the Israeli/Lebanese border, which had been operating for 30 years, when Israeli troops who had been protecting the area were pulled out. (© Radio Netherlands Media Network - 16 July 2003, via JKB)

LIBYA: Libyan Jamahiriya Broadcasting *LJB - Voice of Africa* A03 schedule via Issoudun - France (46N57 001E59, 500 kW) in Arabic 03/30/2003 al 10/25/2003. Address: Libyan Jamahiriya Broadcasting, P.O.Box 4677, Soug al Jama, Tripoli, Libia. For reception reports: Libyan Jamahiriya Broadcasting, P.O.Box 17, Hamrun, Malta. E-mail: <africavoice@hotmail.com>.

1000-1100	21695	1700-1800	15660, 17635, 17695, 17880
1100-1230	15610, 17695, 21810	1800-1900	15205, 15660, 17635, 17695
1100-1400	21675, 21695	1900-2000	15205
1400-1500	21675	1900-2030	15315
1500-1700	15660, 17695	2000-2130	11635

(OBSERVER via CONEXION #217, 29 June 2003)

MARIANAS ISLANDS (USA): Telesource International, Inc. has been awarded a \$5.7 million contract to install two additional shortwave antennas at the International Broadcasting Bureau (IBB) relay station at Tinian in the Northern Marianas. Telesource constructed the facility, which began operations three years ago. The contract is due for completion by March 12, 2004. The additional antennas will enable the station to serve more countries in the Far East and the Pacific. (© Radio Netherlands Media Network - 2 May 2003, via JKB)

MAURITANIA: Mauritania's state-run radio station was back on the air on Monday night after a weekend of confusion as opponents of President Ould Taya launched an abortive coup attempt. Fierce fighting was reported around the station, which had announced early

on Sunday that the coup attempt had failed. It went off the air again during the day. According to eyewitnesses the radio and television building and the education ministry were ransacked by prisoners who had reportedly escaped from cells when prison guards abandoned their posts in the chaos. On Monday, a person who answered a phone call to the radio station said that he was from a presidential army unit, the situation was under control again, and the station was under armed guard. Opposition to the 62-year-old President centres on his pro-western stance. The state media routinely reflects the President's opposition to Islamic extremism. Although Mauritania is an Islamic Republic, the country is one of only three Arab League members to have established diplomatic relations with Israel. *Radio Mauritania* is widely heard abroad on 4845 kHz. (© Radio Netherlands Media Network - 10 June 2003, via JKB)

MISCELLANEOUS: In a development which seems to have gone largely unnoticed by shortwave listeners, radio amateurs in the US are about to start using several frequencies just above the 60 metre band. At midnight local time on 3 July 2003, it will become legal for certain classes of *US radio amateurs* to operate on channels centered on 5332, 5348, 5368, 5373, and 5405 kHz. The last channel is common to the UK amateur 5 MHz experimental band plan. The channelised format is the result of a compromise between the National Telecommunications and Information Agency (NTIA), which administers spectrum occupied by US government users - the band's primary occupants - and the Federal Communications Commission (FCC). The channels will be available to General and higher class licensees. The FCC will allow up to 50 watts effective radiated power (ERP) on all five channels. The Amateur Radio Relay League (ARRL), the national association representing US radio amateurs, says the 5 MHz channels might provide the best propagation in the event of a Caribbean storm or other disaster, when stations need to establish longer-range HF emergency communications links. Until now, emergency nets often have had to switch between 40 metres during the day and 75 metres at night. More information on the topic can be found on the ARRL Web site. (© Radio Netherlands Media Network - 19 June 2003, via JKB)

International broadcaster *Jonathan Marks* (44) is to exchange his post as Radio Netherlands Creative Director for a career in charge of his own media company, Creative Media Consultants. As from September 1st 2003, Jonathan will combine strategic consultancy with project management and productions. "I follow both the commercial and public service media in many countries", says Jonathan, "particularly the Middle East, Latin America and Africa. I've been asked to apply that knowledge to develop new formats involving TV, radio and the Internet. I'm excited to be resuming production, since I love the passion involved with good programming." Jonathan Marks was born in the UK, but has spent most of his working life abroad, 22 of those years in The Netherlands. After working in Austria and Britain, Marks settled in Hilversum area and quickly built new audiences for Radio Netherlands' English language service. Marks has held several functions at Radio Netherlands, including eight years as Programme Director. "I was originally hired to turn a media programme into a science show. But I ended up developing both concepts into long running radio series that brought in excellent reactions from all over the world. But setting up satellite television and new media projects have been the most challenging work. I've been fortunate to have the best colleagues in the business, which is why I stayed so long". Marks is a frequent speaker at media conferences, notably at recent gatherings of the European Broadcasting Union and the Commonwealth Broadcasting Association. "As a media detective, I know that some of the best ideas for reaching people are coming out of the developing world. I enjoy acting as a catalyst to make new projects really happen." Alongside the new activities, Jonathan Marks will continue to advise Radio Netherlands on strategy. (© Radio Netherlands Media Network via Mike Barraclough via WB, 26 June 2003)

AFRICA ON THE TROPICAL BANDS JULY 2003:

kHz	kW	ITU	Station, location, schedule, comments
3200	35	SWZ	TWR Swaziland 0300-0330 Ndebele
3200	25	SWZ	TWR Swaziland 0400-0500 German/English
3200	50	SWZ	TWR Swaziland 1700-2045 Tswana/Pedi/Sotho/English
3215	50	MDG	AWR via Talata-Volondry 0230-0300 French, 0300-0330 Malagasy, 1530-1600 French, 1600-1630 Malagasy
3215	50	MDG	R. Feon'ny Filazantsara via Talata-V. 1630-1655 (Malagasy?). Started 3 July 03
3215	100	AFS	AWR via Meyerton 0500-0530, 1800-1830 English
3215	100	AFS	SARL via Meyerton 1900-2000mo English
3230	100	AFS	R Veritas via Meyerton 1600-1900 English
3230	100	AFS	Family R via Meyerton 1900-2100 English

3255 100 AFS BBC WS via Meyerton 0300-0500, 1700-2200 English
 3288v 100 MDG R Madagascar, Antananarivo 0300-0500, 1500-1900, 1900-2100sa/su Malagasy/French
 3316v 10 SRL Sierra Leone BC, Freetown inactive
 3320 100 AFS R Sonder Grense via Meyerton 1600-0530 Afrikaans
 3326 50 NIG R Nigeria-Lagos 0425-2305 English
 3345 100 AFS Channel Africa, Meyerton 0430-0455, 1630-1655 Portuguese
 3345 100 AFS AWR via Meyerton 0500-0530, 1800-1830 English
 3366 35 GHA GBC R2, Accra 0525-0915, 1705-0000 English
 also radiating strong spurious signals
 3375v 15 ANG R Nacional de Angola, Luanda reportedly inactive here
 3380 50 MWI Malawi BC, Blantyre Inactive
 3390 100 AFS BBC WS via Meyerton 0430-0500 Portuguese, 1730-1745 BBC English, 2030-2100 Portuguese
 4760 1 LBR ELWA, Monrovia 0600-0830, 1730-2200 English/local langs
 4760 50 SWZ TWR Swaziland 1600-1700 Tshwa/Shangaan/Port./Ndau
 4765 100 COG R Congo, Brazzaville 0430-0700, 1800-2130 French/local languages (alternative to 5985)
 4770v 50 NIG R Nigeria-Kaduna 0430-2305 English/local languages
 4775 50 SWZ TWR Swaziland 0340-0355 Lomwe, 0400-0630 Germ/Eng
 4777 100 GAB RTV Gabonaise Reported back here in March/April 2003; schedule unconfirmed
 4783v 100 MLI RTM, Bamako 0555-0800, 1800-0000 French/local lang
 4800 100 LSO LNBS - R Lesotho, Maseru 0245-2200 SeSotho/English
 4815 100 BFA R Burkina, Ouagadougou Alternative to 5030
 4820 50 BOT R Botswana, Gaborone 24h SeTswana/English
 4835v 100 MLI RTM, Bamako 0555-0800, 1800-0000 French/local langs
 4845 100 MTN R Mauritania, Nouakchott 0625-0800(ex Fr), 1800-0100 Arabic/French/local languages
 4880 100 AFS SW Radio Africa via Meyerton 1600-1900 English to Zimbabwe
 4890 250 GAB R France Int via Moyabi 0400-0500 French
 4910 100 ZMB ZNBC - R Zambia, Lusaka 0245-0500, 1430-2205 Radio 1 in local languages/English
 4915 35 GHA GBC R1, Accra 0525-0915, 0915-1200sa/su, 1200-0000 local languages/English
 4915 10 KEN Kenya BC, Nairobi 0300-0700mo-fr, 1300-1905mo-fr with Eastern Service in local languages
 4950v 15 ANG R Nacional de Angola, Luanda 24h Portuguese
 4950 100 STP VOA via São Tomé 1900-2030 English, 2030-2100m-f Hausa, 2030-2100sa/su English
 4960 100 STP VOA via São Tomé 0400-0500 English, 0500-0530 Hausa, 0530-0630mo-fr French
 4965 100 ZMB Christian Voice International 1500-0300 English
 4976 10 UGA R Uganda, Kampala 0300(0345sa/su)-0600, 1300(1430sa/su)-2100; Red Channel in English/local langs
 5003v 50 GNE R Nacional, Bata 0500-2200 Spanish/local lang; irregular
 5010 100 MDG R Madagascar, Antananarivo 0300-0500, 1500-1900, 1900-2100sa/su Malagasy/French
 5025v 10 BEN ORTB - R Parakou 0500-0900mo-fr, 0700-2300sa/su, 1100-1400mo-fr, 1700-2200mo-fr French/local languages
 5026 10 UGA R Uganda, Kampala 0300(0345sa/su)-0600, 1300(1430sa/su)-2100; Blue Channel in English/local langs
 5030 100 BFA R Burkina, Ouagadougou 0530-0800, 1700-0000 French/local lang; alternative freq 4815
 5047 50 TGO R Lomé, Rdiff Togolaise 0455-0905, 1605-0005 French/local lang; schedule subject to confirmation
 5050v 10 TZA R Tanzania, Dar-es-Salaam 0200-0645, 1315-2100 Swahili
 5066.32 1 CNG R Candip, Bunia 0400-0500v, 1330-1800v French/local languages; reportedly not on air as of 1 July 2003.
 5100 7.5 LBR R Liberia Int, Monrovia 1800-0000 English/local langs
 5470 10 LBR R Veritas, Monrovia 0600-0000 English/local languages

5500 10 ETH V of Tigray Revolution, Mekele inactive here (active
though on 6350)

(British DX Club - Update 4 July 2003 via DXLD #3-119)

NETHERLANDS: Schedule A03 of *Radio Netherlands* valid 30th March - 26th October 2003. Schedule includes relay transmissions of other broadcast stations, but no DRM transmissions. Postal address: Radio Netherlands, P.O. Box 222, 1200 JG Hilversum, The Netherlands. Fax +31 35 6724239, WWW: <<http://www.rnw.nl>>.

UTC	Site	kHz	Beam	kW	Language	Target
0130-0225	Bonaire	15315	170	250	Dutch	S America s
0130-0225	Flevo	9895	275	500	Dutch	C America/Caribbean
0130-0325	Bonaire	6165	275	250	Spanish	C America
0130-0325	Bonaire	9845	290	250	Spanish	Mex/Caribbean
0230-0330	Madagascar	3215	020	50	AWR	Madagascar
0300-0356	Bonaire	15565	320	250	RVI	N America w
0330-0425	Bonaire	6165	335	250	Dutch	N America c
0330-0425	Bonaire	9590	320	250	Dutch	N America w
0330-0425	Madagascar	7310	335	200	Dutch	East Africa
0330-0425	Madagascar	15560	360	200	Dutch	ME/NE Africa
0400-0600	Bonaire	11970	320	250	D Welle	N America w
0430-0500						
(Sat-Tues)	Madagascar	12060	335	200	V of Hope	East Africa
0430-0500						
(Sat-Tues)	Madagascar	15320	335	200	V of Hope	East Africa
0430-0530	Bonaire	6165	320	250	English	N America w
0430-0530	Bonaire	9590	320	250	English	N America w
0500-0600	Madagascar	13755	245	200	D Welle	S Africa
0500-0557	Flevo	7125	123	500	Dutch	C & SE Europe
0500-0557	Wolvertem	1512	ND	300	Dutch	C & W Europe
0500-0757	Flevo	9895	127	500	Dutch	SE Europe
0500-1700	Flevo	5955	210	500	Dutch	W Europe
0559-0757	Flevo	11935	191	500	Dutch	S Europe
0600-0700#	Juelich	11655	020	100	Dutch	N Europe
0700-0757	Bonaire	9820	230	250	Dutch	NZ/Australia
0700-0757	Bonaire	11655	230	250	Dutch	NZ/Australia
0759-1700	Flevo	13700	205	500	Dutch	S Europe
0759-1700	Flevo	13700	123	500	Dutch	SE Europe
0930-1015						
(Mon-Sat)	Bonaire	6020	110	250	Dutch	Surinam
0930-1130	Bonaire	9785	230	250	English	NZ/Australia
0930-1130	Petro. Kamchatski	12065	244	250	English	FarEast, EAsia, Aus
0930-1130	Irkutsk	13710	152	250	English	E & SE Asia
1030-1125	Madagascar	17575	115	200	Dutch	W Australia
1030-1125	Madagascar	21480	085	200	Dutch	SE Asia
1030-1125	Khabarovsk	13820	218	100	Dutch	East Asia
1030-1125	Bonaire	9720	230	250	Dutch	NZ/Australia
1030-1225	Juelich	6045	ND	100	English	C + W Europe
1030-1225	Wertachtal	9860	300	125	English	W Europe
1030-1225	Sackville	5965	240	250	English	N America e
1100-1125	Bonaire	15450	170	250	Spanish	S America
1130-1157	Bonaire	6165	210	250	Spanish	S America nw
1130-1157	Bonaire	9715	170	250	Spanish	S America nw
1130-1325	Madagascar	17580	085	200	Indonesian	Indonesia
1130-1325	Madagascar	21480	085	100	Indonesian	Indonesia
1130-1325	Singapore	11690	140	250	Indonesian	Indonesia
1200-1225	Bonaire	6165	275	250	Spanish	C America/Caribbean
1200-1225	Bonaire	9715	290	250	Spanish	C America
1228-1325	Madagascar	17495	055	50	IBC Tamil	South Asia
1330-1425	Tashkent	12065	131	100	Dutch	SE Asia/W Australia
1330-1425	Madagascar	17580	050	200	Dutch	South Asia
1330-1425	Madagascar	21480	045	200	Dutch	South Asia
1330-1425	Petro. Kamchatski	9890	244	250	Dutch	FE & E Asia

1330-1425	Khabarovsk	13695	218	100	Dutch	E & SE Asia
1330-1425	Krasnodar	17525	104	200	Dutch	Afghanistan
1429-1526	Madagascar	17495	055	50	Dem.V.of Burma	SE Asia
1430-1625	Madagascar	9890	050	200	English	South Asia
1430-1625	Madagascar	11835	050	200	English	South Asia
1430-1625	Tashkent	12075	131	100	English	South Asia
1430-1625	Sackville	15220	253	250	English	N America w
1530-1630	Madagascar	3215	020	50	AWR	East Africa
1630-1725	Madagascar	6020	255	200	Dutch	South Africa
1630-1725	Madagascar	11655	335	200	Dutch	East Africa
1630-1655	Madagascar	3215	020	50	R. Feon'ny Filazantsara	East Africa
1700-1755	Madagascar	7190	265	50	V of People	Zimbabwe
1730-2025	Madagascar	6020	255	200	English	South Africa
1730-2025	Madagascar	7120	320	200	English	East Africa
1730-2025	Flevo	11655	191	500	English	West Africa
1730-1825	Flevo	9895	113	500	Dutch	SE Europe/ME
1730-1825	Flevo	13700	123	500	Dutch	SE Europe/ME
1730-1825	Flevo	15560	142	500	Dutch	E Africa
1730-1825	Bonaire	21590	090	250	Dutch	West Africa
1800-1900	Madagascar	7195	265	200	RVI	S Africa
1830-2025	Flevo	13700	205	500	English	West Africa
1830-2025	Flevo	9895	187	500	English	West Africa
1830-2025	Bonaire	17605	080	250	English	West Africa
1830-2025	Bonaire	21590	090	250	English	C + W Africa
1900-1959	Flevo	15245	191	500	RCI	N Africa
2030-2125	Bonaire	15315	080	250	Dutch	West Africa
2030-2125	Bonaire	17605	080	250	Dutch	West Africa
2030-2125	Bonaire	21590	090	250	Dutch	C & W Africa
2030-2125	Madagascar	6020	255	200	Dutch	South Africa
2030-2125	Madagascar	7120	290	200	Dutch	C Africa
2030-2125	Flevo	9895	123	500	Dutch	SE Europe
2030-2125	Flevo	9895	205	500	Dutch	SW Europe/NW Africa
2030-2125	Flevo	6015	191	500	Dutch	Spain/NW Africa
2030-2125	Flevo	11655	191	500	Dutch	W Africa
2030-2125	Kaliningrad	7340	245	160	Dutch	C + W Europe
2030-2230	Wolvertem	1512	ND	300	English	C + W Europe
2130-2225	Bonaire	6020	110	250	Dutch	Surinam
2130-2225	Bonaire	15155	350	250	Dutch	N America e
2130-2225	Bonaire	15315	182	250	Dutch	S America w
2130-2225	Flevo	9895	260	500	Dutch	S America n/Caribbean
2130-2225	Flevo	13700	230	500	Dutch	S America e
2130-2159	Flevo	7235	191	500	RCI	N Africa
2130-2159	Flevo	13690	191	500	RCI	N Africa
2130-2325	Madagascar	7285	085	200	Indonesian	Indonesia
2130-2325	Madagascar	9590	075	200	Indonesian	Indonesia
2130-2325	Singapore	6120	140	250	Indonesian	Indonesia
2230-2326	Bonaire	15565	350	250	RVI	N America e
2230-0125	Flevo	9895	260	500	Spanish	S America n/Caribbean
2230-0125	Bonaire	15315	170	250	Spanish	S America s
2230-2325	Bonaire	11720	170	250	Spanish	S America n
2325-0025	Flevo	11720	230	500	Spanish	S America
2330-0030	Madagascar	9760	055	200	Dem.V.of Burma	SE Asia
2330-0125	Bonaire	6165	335	250	English	N America c
2330-0125	Bonaire	9845	350	250	English	N America e
2330-0025	Khabarovsk	17590	218	100	Dutch	FE/E Asia
2330-0025	Madagascar	7280	085	200	Dutch	SE Asia
2330-0025	Singapore	9590	140	250	Dutch	SE Asia

#) 1 June - 1 Sept

(RN website sked last-modified: 03.07.2003, via JKB)

NEW ZEALAND: This week's announcement of increased funding for public broadcasting in New Zealand is good news for the external service, *Radio New Zealand International (RNZI)*. Broadcasting Minister Steve Maharey announced that RNZI will receive an extra \$600,000 over four years to enable it to increase its daily broadcasts of original programming, particularly Pacific current affairs. (© Radio Netherlands Media Network - 7 May 2003, via JKB)

NIGERIA: The *Voice of Nigeria (VON)* yesterday officially launched its Web site <<http://www.voiceofnigeria.org>>, which has been in operation already for well over a year. At the launch ceremony, Prof. Jerry Gana, Minister of Information and National Orientation, commended VON Director-General Taiwo Allimi for the achievements of the organisation in the last four years. Gana commended the inclusion in the site of technology to hold opinion polls. "This is a wonderful decision because opinion polls can be employed effectively by Voice of Nigeria in enriching its programming. I have no doubt that it will also be a useful tool in our policy-making process as a nation," he said. (© Radio Netherlands Media Network - 26 May 2003, via JKB)

POLAND: Broadcasting schedule external service of *Radio Polonia* from 03/30/03 to 10/26/03. Home page internet: <<http://www.radio.com.pl/polonia>>

POLISH		BELARUSSIAN	
1030-1100	7285	1330-1430	5995, 7180
1530-1630	5965	1630-1700	5995
2100-2200	6050	ESPERANTO	
RUSSIAN		1430-1500	6000
1100-1125	6095, 9540	1830-1900	6035, 7180
1300-1330	6095, 9540	ENGLISH	
1430-1455	7180	1200-1300	9525, 11820
1800-1830	6035	1700-1800	5995, 7285
1900-1955	6095, 7180	GERMAN	
UKRAINIAN		1130-1200	6095, 9525
1430-1500	6000	1530-1555	7270
1830-1900	6035, 7180	1930-1955	6210, 7285

(Marcelo A. Cornachioni in CONEXION #213, 1 June 2003)

Schedule of *Radio Maryja* (Internet <<http://www.radiomaryja.pl>>) on shortwave from 03/30/2003 to 10/26/2003. Address: Radio Maryja, ul. Zwirki i Wigury 80, 87-100 Torun, Poland. E-mail: <radio@radiomaryja.pl>.

0500-0715	15455	Mon - Sat
0600-0800	15455	Sun
1500-1830	12010	Daily
1500-2200*	7380	Daily

(*) Emission vigente a partir del 09/07/2003.

(Marcelo A. Cornachioni in CONEXION #211, 18 May 2003)

SINGAPORE: *Radio Singapore International's* English broadcast 03/27/2003 to 10/30/2003: 1100-1400 at 6150, 9600. Address: Radio Singapore International, P.O.Box 5300, Singapore 912899. E-Mail: <english@rsi.com.sg>, Web: <www.rsi.com.sg>.

(Adalberto Marques de Azevedo in CONEXION #214, 15 June 2003)

SOUTH AFRICA: Relay transmissions over *SENTECH* facilities A03:

BBC:			
0300-0325	6050	Swahilli	0500-1700 11940 English
0300-0400	7120	English	0530-0600 15400 Kirundi (Saturdays and Sundays only)
0300-0500	3255	English	0700-0730 17695 French
0300-0500	6190	English	1500-1530 21490 English
0400-0430	9610	Swahili	1530-1700 21490 Swahili/Kirundi (Mondays and Fridays only)
0400-0500	7120	English	1530-1615 21490 Swahili (Saturdays and Sundays only)
0430-0500	3390	Portuguese	1615-1700 21490 English (Saturdays and Sundays only)
0430-0500	6135	Portuguese	1700-2200 3255 English
0430-0500	7205	Portuguese	
0500-0700	11765	English	
0500-1700	6190	English	

1700-2200	6190	English	1645-1700	9930	Kambaata (Days 45)
1700-1900	15420	English	1645-1700	9930	Hadiya (Days 67)
1730-1745	3390	English Teaching	1657-1712	9660	Juba(Days 123456)
1730-1745	7230	English Teaching	1700-1730	9930	Amharic (Days 1234567)
1730-1745	9525	English Teaching	1703-1718	7265	Sena(Days 1234567)
1745-1800	7230	Swahili	1718-1733	7265	Yao (Days 1234567)
1800-1830	7230	French	1739-1800	9930	Oromo(Days 12345)
2030-2100	3390	Portuguese	1733-1748	7265	Yao (Days 257)
2030-2100	6135	Portuguese	1830-1900	9720	Bambara (Days 1234567)
2030-2100	7205	Portuguese	1830-1900	9510	Fulfulde (Days 1234567)
RADIO VERITAS PRODUCTIONS:					
1000-1100	7240	English	1830-1900	9605	Hausa (Days 1234567)
1600-1900	3230	English	1900-1915	9615	Kanuri(Days 1234567)
RADIO FRANCE INTERNATIONAL:					
0257-0359	5925	French	1900-1930	9510	Yoruba(Days 1234567)
0700-0800	15410	French	1900-1945	9720	French (Days 123467)
1100-1400	17685	French	1900-1930	9720	Songhai (Day 5)
1230-1300	21760	French	1930-1945	9720	Moore (Day 5)
1600-1700	15255	English	1930-1945	9510	Twi (Days 12345)
1600-1700	9730	English	1930-1945	9510	Ewe(Days 67)
1900-2000	5985	French	1945-2000	9510	IGBO (Day 7)
RADIO SONDER GREENSE:					
0530-0800	7185	Afrikaans	FEBA RADIO:		
0800-1600	9615	Afrikaans	1515-1545	11885	Nuer / Dinka
1600-0530	3320	Afrikaans	1545-1600	11885	Makonde
RADIO VLAANDEREN INTERNATIONAL:					
0500-0530	9925	Dutch	1600-1700	11885	Amharic
1000-1100	21630	Dutch (Sundays only)	UNITED NATIONS RADIO:		
1100-1130	21630	Dutch	1700-1715	7150	French (Monday to Friday)
SOUTH AFRICAN RADIO LEAGUE:					
0800-0900	9750	English (Sundays only)	1700-1757	21525	French (Monday to Friday)
0800-0900	17815	English (Sundays only)	1730-1745	7150	English (Monday to Friday)
1900-2000	3215	English (Mondays only)	RADIO ECLESIA:		
FAMILY RADIO:					
1900-2100	3230	English	1900-2000	7205	Portuguese
TRANSWORLD RADIO:					
0330-0345	7215	Sidamo (Days 34)	ADVENTIST WORLD RADIO:		
0330-0345	7215	Amharic (Days 57)	0430-0500	8845	French
0600-0615	11640	English (Days 1234567)	0500-0530	3215	English
1600-1630	9675	Kirundi (Days 1234567)	0500-0530	3345	English
1625-1640	9660	Somali(Day 7)	0500-0530	9600	Yoruba
1625-1655	9660	Somali (Days 12345)	0530-0600	15345	Ibo
1645-1700	9930	Oromo (Days 123)	0530-0630	15105	English
			0600-0630	15345	Hausa
			1700-1730	12130	Swahili
			1730-1800	12130	Maasai
			1800-1830	3215	English
			1800-1830	3345	English
			1800-1900	9520	English

(Marcelo A. Cornachioni in CONEXION #212, 25 May 2003)

SPAIN: *Radio Exterior de España - REE* with their with their Spanish language A03 schedule valid to 10/26/2003. Address: Radio Exterior de Espana, Apartado 156.202, 28080 Madrid, Spain. E-mail: audiencia_ree.rne@rtve.es and Web: www.rne.es

To NAm:					
0000-0100	9535		0200-0400	3350, 6125, 15160	
0100-0200	6055, 9535		0400-0500	3350, 9535, 15160	
0200-0500	6055, 6125, 9535		0500-0600	3350	
0500-0600	6055, 6125		1000-1100	21700 (Mon - Fri)	
1000-1100	21700 (Mon - Fri)		1100-1200	9765, 21700 (Mon - Fri)	
1100-1200	15170, 21700 (Mon - Fri)		1200-1300	9765-(Sun - Fri), 21700	
1200-1300	15170-(Sun - Fri), 21700		1300-1400	9765-(Sun - Fri), 21700-(Sat, Sun)	
1300-1400	15170-(Sun - Fri), 17595		1400-1500	21700-(Sat, Sun)	
1400-1500	17595		1500-1600	9765-(Sun), 21700	
1500-1600	17850 (Sun)		1600-1800	9765-(Sat, Sun), 21700	
1600-1800	17850 (Sat, Sun)		1800-1900	9765	
1800-1900	17850		1900-2000	9765, 21700-(Sat, Sun)	
1900-2000	15110, 17850		2000-2100	9765-(Sat, Sun), 21700-(Sat)	
2000-2100	15110		2100-2300	9765 (Sat, Sun)	
2100-2300	15110, 17850-(Sat, Sun)		2300-2400	9535, 15160	
2300-2400	9535		To SAm:		
To CAm:					
0000-0100	9535, 15160		0000-0200	6020, 9620, 11680, 15160	
0100-0200	9535, 15160		0200-0400	6020, 9620, 15160	
			0400-0500	9620, 15160	
			0800-1000	21570-(Mon - Fri)	

1000-1200	11815, 21570 (Mon - Fri)	To Eu:	
1200-1300	11815-(Sun - Fri), 21570, 21700-	0500-0700	5985, 9710, 12035
(Sat, Sun)		0700-0900	12035, 13720
1300-1500	11815-(Sun), 21570, 21700-(Sat, Sun)	0900-1300	13720, 15585
1500-1600	11815-(Sun), 21570, 21700	1300-1400	13720-(Sat, Sun), 15585
1600-1800	11815-(Sat, Sun), 21570, 21700	1400-1700	15585
1800-1900	11815, 17715	1700-2000	7275, 9665-(Sat, Sun)
1900-2000	11815, 21700-(Sat, Sun)	2000-2100	7275, 9665-(Sat)
2000-2100	21700 (Sat)	2100-2200	7275
2100-2300	11815 (Sat, Sun)	To Aus:	
2300-2400	9620, 15160	0700-0900	17770, 21610
To Af:		To Japan:	
0900-1400	21540	1000-1200	9660
1400-1500	15385-(Sat), 17755-(Mon - Sat)	To Philippines:	
1500-1700	15385-(Mon - Sat), 17755	1200-1400	11910
1700-1900	17755	To ME:	
1900-2000	17755 (Sun)	0500-0700	11890
2100-2200	11625 (Mon - Fri)	0900-1700	21610
2200-2300	7270, 11625-(Sat)		

Transmissions in other languages:

HORA UTC	IDIOMA	KHZ	DESTINO				
0000-0100	Ingles	15385	America	1900-2100	Arabe	17560	Medio Oriente
0115-0145	Sefaradi	11795	America	1900-2100	Frances	9570	Africa
0415-0445	Sefaradi	9650	America	1900-2100	Ingles	9570	Africa
1700-1730	Ruso	15325	Europa	2000-2100	Frances	15290	Europa
1700-1900	Arabe	21610	Medio Oriente	2000-2100	Ingles	15290	Europa
1730-1800	Aleman	9665	Europa	2000-2200	Arabe	7270	Africa
1800-1900	Frances	9965	Europa	2000-2200	Arabe	17560	Medio Oriente
1825-1855	Sefaradi	17770	Medio Oriente	2000-2200	Frances	9570	Africa
1900-2000	Frances	7150	Medio Oriente	2000-2200	Ingles	9570	Africa
1900-2000	Frances	17560	Medio Oriente	2100-2200	Ingles	9850	Europa
1900-2100	Arabe	7270	Africa	2300-2400	Frances	6055	Europa
				2300-2400	Frances	15385	America

On the other hand, the diexista program: "Amigos de la Onda Corta" (E: "Friends of the Short wave", Ed.), are transmitted within the following schedule of emissions:

Sat	1100-1200	Europa	13720, 15585
Sat	1100-1200	Japon	9660
Sat	1800-1900	Africa	17755
Sun	0100-0200	America [N]	6055
Sun	0100-0200	America [C]	9535, 15160
Sun	0100-0200	America [S]	6020, 9620, 11680, 15160
Sun	1600-1700	M. Oriente	21610

La Sra. Pilar Salvador, person in charge of the Relations of Outer Hearing of Radio of Espana, informs that received information of reception have been suspended envio of cards QSL temporarily confirming. He continues saying that until the system is restored, the respondera single transmitter the received letters of the listeners, but without sending the QSLs. [For translation from Spanish to English AltaVista's Babel Fish Translation Service used at Internet <<http://babelfish.altavista.com/>>, Ed.]
(Adalberto Marques de Azevedo in CONEXION #219; July 12, 2003)

SRI LANKA: *Sri Lanka Broadcasting Corporation - SLBC*, External Services, as monitored on 6/6/03 by Jose Jacob in India.

English	0030-0430	6005, 9770(x11905), 15745 (S.Asia)
	1230-1530	6005, 9770(x11930), 15745 (S.Asia)
Hindi	0020-0400	7300, 11905(x9770) (S.Asia)
	1330-1530	7300, 11905(x9770) (S.Asia)
Kannada	0800-0830	7300, 11905(x9770) (S.Asia)
Malayalam	1000-1130	7300, 11905(x9770) (S.Asia)
Sinhala	1545-1900	11775 (Middle East)
Tamil	1130-1330	7300, 11905(x9770) (S.Asia)
Telegu	0830-1000	7300, 11905(x9770) (S.Asia)
English	1900-2000	6010(Skelton) Saturdays (Europe)

(Jose Jacob-IND VU2JOS, DX_india June 6)
(Jose Jacob via dx_india 2003 Jun 6, via BC-DX #626)

UNITED KINGDOM: According to the BBC's Annual Report and Accounts, published today,

the BBC's audience in North America has increased from 2.3 million to 3.9 million since shortwave transmissions of the World Service were dropped in July 2001. That's an increase of 70%. **BBC World Service** coverage of the conflict in Iraq was taken by 353 US public radio stations compared to 265 in March 2002. The BBC says that, on average, 22% of "opinion formers" in Boston, New York and Washington listen to the World Service each week. The full report is available online. Andy Sennitt comments: Raw figures, of course, only tell part of the story. Many of the people who used to listen to the BBC on shortwave did so for many hours a week, taking in a whole range of programmes covering music, the arts, science, and sport as well as current affairs. Most of the people listening to the BBC via public radio stations will only hear news and current affairs, and usually in small doses. (© Radio Netherlands Media Network - 15 July 2003, via JKB)

The **Far East Broadcasting Association - FEBA**, a U.K. based religious international broadcaster. FEBA Radio is a Christian evangelical broadcaster and an autonomous member of the Far East Broadcasting Company which operates Christian radio stations in various parts of the world. Postal address: FEBA Radio, Ivy Arch Road, WORTHING BN14 8BX, UK. Fax: +44 1903 205294, E-mail: <reception@feba.org.uk>, Website: <<http://www.feba.org.uk>>.

Updated A-03 schedule of FEBA Radio:

NORTH INDIA, NEPAL, TIBET

0015-0030 Sun	NEPALI	12045	ARM	250 kW / 129 deg	
0015-0030 Mon/Tue	CHATTISGARHI	12045	ARM	250 kW / 129 deg	
0015-0030 Wed	MARWARI	12045	ARM	250 kW / 129 deg	
0015-0030 Thu	HINDI	12045	ARM	250 kW / 129 deg	
0015-0030 Fri	URDU	12045	ARM	250 kW / 129 deg	
0015-0030 Sat	PUNJABI	12045	ARM	250 kW / 129 deg	
0030-0045 Mon-Thu	BANGLA	12045	ARM	250 kW / 129 deg	
0030-0115 Fri-Sun	HINDI	12045	ARM	250 kW / 129 deg	
0045-0115 Mon-Thu	HINDI	12045	ARM	250 kW / 129 deg	
0115-0130 Sun-Thu	MARATHI	12045	ARM	250 kW / 129 deg	
0115-0130 Fri	BHILI	12045	ARM	250 kW / 129 deg	
0115-0130 Sat	BHOJPURI	12045	ARM	250 kW / 129 deg	
1200-1230 Daily	TIBETAN	15525	DHA	250 kW / 085 deg,	ex 15605 SAM
1230-1245 Sun	BHILI	15525	SAM	250 kW / 129 deg,	ex 15605
1230-1245 Mon/Tue	MUNDARI	15225	SAM	250 kW / 129 deg,	ex 15605
1230-1245 Wed	MARWARI	15225	SAM	250 kW / 129 deg,	ex 15605
1230-1245 Thu-Sat	BHOJPURI	15225	SAM	250 kW / 129 deg,	ex 15605
1245-1315 Sat	KUMAUNI	15225	SAM	250 kW / 129 deg,	ex 15605
1245-1300 Sun	KANGRI	15225	SAM	250 kW / 129 deg,	ex 15605
1245-1300 Mon-Fri	PUNJABI	15225	SAM	250 kW / 129 deg,	ex 15605
1300-1315 Sun/Mon/Wed/Thu	ORIYA	15225	SAM	250 kW / 129 deg,	ex 15605
1300-1330 Tue/Fri	GUJARATI	15225	SAM	250 kW / 129 deg,	ex 15605
1315-1330 Sat-Mon/Wed/Thu	GUJARATI	15225	SAM	250 kW / 129 deg,	ex 15605
1330-1345 Tue-Fri	CHATTISGARHI	15225	SAM	250 kW / 129 deg,	ex 15605
1330-1345 Sun/Mon	NEPALI	15225	SAM	250 kW / 129 deg,	ex 15605
1330-1345 Sat	MAGHI	15225	SAM	250 kW / 129 deg,	ex 15605
1345-1400 Daily	BANGLA	15225	SAM	250 kW / 129 deg,	ex 15605
1400-1415 Sun-Thu	URDU	15225	SAM	250 kW / 129 deg,	ex 15605
1400-1500 Fri/Sat	HINDI	15225	SAM	250 kW / 129 deg,	ex 15605
1415-1500 Sun-Thu	HINDI	15225	SAM	250 kW / 129 deg,	ex 15605

SOUTH INDIA, MALDIVES, SRI LANKA

0015-0045 Sun/Thu	KANNADA	15425	TCH	250 kW / 230 deg,	ex 15580
0015-0030 Mon/Wed/Fri/Sat	KANNADA	15425	TCH	250 kW / 230 deg,	ex 15580
0015-0030 Tue	TULU	15425	TCH	250 kW / 230 deg,	ex 15580
0030-0045 Fri/Sat	BADAGA	15425	TCH	250 kW / 230 deg,	ex 15580
0030-0130 Mon-Wed	TAMIL	15425	TCH	250 kW / 230 deg,	ex 15580
0045-0130 Thu-Sun	TAMIL	15425	TCH	250 kW / 230 deg,	ex 15580
0130-0200 Daily	TELUGU	15435	DHA	250 kW / 105 deg,	ex 15580 TCH
1400-1430 Mon-Wed	MALAYALAM	7460	IRK	250 kW / 224 deg	
1400-1445 Thu-Sun	MALAYALAM	7460	IRK	250 kW / 224 deg	
1445-1500 Thu-Sun	TELUGU	7460	IRK	250 kW / 224 deg	
1430-1500 Mon-Wed	TELUGU	7460	IRK	250 kW / 224 deg	
1500-1600 Daily	ENGLISH	7460	IRK	250 kW / 224 deg	
1600-1615 Sun-Tue	SINHALA	7460	IRK	250 kW / 224 deg	

1600-1615	Thu-Sat	DHIVEHI	7460	IRK	250 kW / 224 deg	
1600-1615	Wed	MALAY	7460	IRK	250 kW / 224 deg	
PAKISTAN, AFGHANISTAN, IRAN						
0030-0045	Daily	ENGLISH	9465	MOS	500 kW / 090 deg	
0045-0115	Sun	PUNJABI	9465	MOS	500 kW / 090 deg	
0045-0100	Mon-Sat	HINDKO	9465	MOS	500 kW / 090 deg	
0100-0115	Mon/Tue/Fri/Sat	PUNJABI	9465	MOS	500 kW / 090 deg	
0115-0130	Tue/Fri-Sun	URDU	9465	MOS	500 kW / 090 deg	
0100-0130	Wed/Thu	URDU	9465	MOS	500 kW / 090 deg	
0115-0130	Mon	POTHWARI	9465	MOS	500 kW / 090 deg	
0130-0145	Fri-Sun	SINDHI	9465	MOS	500 kW / 090 deg	
0130-0145	Mon-Thu	SIRAIKI	9465	MOS	500 kW / 090 deg	
0145-0200	Wed-Sun	BALUCHI	9465	MOS	500 kW / 090 deg	
0145-0200	Mon/Tue	BRAHUI	9465	MOS	500 kW / 090 deg	
0200-0215	Daily	PASHTO	11995	DHA	250 kW / 045 deg	
0215-0245	Daily	DARI	11995	DHA	250 kW / 045 deg	
0245-0300	Daily	HAZARAGI	11995	DHA	250 kW / 045 deg	
0530-0715	Fri	PERSIAN	9660	DHA	250 kW / 345 deg,	x0530-0700
1530-1630	Daily	PERSIAN	9650	ARM	100 kW / 150 deg,	ex 9495
1300-1400	Thu-Sun	URDU	9495	NVS	250 kW / 195 deg	
1300-1415	Mon/Wed	URDU	9495	NVS	250 kW / 195 deg	
1300-1345	Tue	URDU	9495	NVS	250 kW / 195 deg	
1400-1415	Thu-Sun	BALTI	9495	NVS	250 kW / 195 deg	
1345-1415	Tue	PUNJABI	9495	NVS	250 kW / 195 deg	
1530-1600	Daily	PASHTO	9415	ARM	100 kW / 104 deg	
1600-1630	Daily	DARI	9415	ARM	100 kW / 104 deg	
1630-1645	Daily	HAZARAGI	9415	ARM	100 kW / 104 deg	
1645-1700	Tue-Thu	TURKMEN	9415	ARM	100 kW / 104 deg	
1645-1700	Fri-Mon	UZBEK	9415	ARM	100 kW / 104 deg	
MIDDLE EAST						
0345-0430	Daily	ARABIC	15530	MSK	250 kW / 169 deg	
0500-0530	Fri	SINHALA	6125	DHA	250 kW / 300 deg	
0530-0630	Fri	MALAYALAM	6125	DHA	250 kW / 300 deg	
1100-1245	Daily	ARABIC	15530	ARM	250 kW / 188 deg	
1245-1300	Daily	ENGLISH	15530	ARM	250 kW / 188 deg	
AFRICA, ETHIOPIA, SUDAN						
1515-1530	Daily	NUER	12070	MEY	250 kW / 007 deg,	ex 11885
1530-1545	Daily	DINKA	12070	MEY	250 kW / 007 deg,	ex 11885
1545-1600	Daily	MAKONDE	12070	MEY	250 kW / 032 deg,	ex 11885
1600-1630	Thu-Sun	AMHARIC	12070	MEY	250 kW / 019 deg,	ex 11885
1600-1630	Mon-Wed	GURAGENA	12070	MEY	250 kW / 019 deg,	ex 11885
1630-1700	Daily	AMHARIC	12070	MEY	250 kW / 019 deg,	ex 11885
1700-1730	Fri-Sun	OROMO	9590	DHA	250 kW / 230 deg	
1700-1730	Daily	SOMALI	11690	KIG	250 kW / 030 deg	
1730-1800	Daily	TIGRINYA	11690	KIG	250 kW / 030 deg	
1830-1900	Daily	FRENCH	15130	ASC	250 kW / 070 deg	
Tx sites:			KIG = Kigali/Rwanda			
ARM = Armavir/Russia			NVS = Novosibirsk/Russia			
ASC = Ascension Island			MEY = Meyerton/So.Africa			
IRK = Irkutsk/Russia			SAM = Samara/Russia			
DHA = Al-Dhabayya/UAE			MOS = Moosbrunn/Austria			
MSK = Moskow/Russia			TCH = Tchita/Russia			
(OBSERVER - Ivanov & Datzinov, via WB, 3003 June 24)						

British Forces Broadcasting Service - BFBS closed transmissions to the Gulf region at 5/17/2003. BFBS began transmissions to British troops at February 2003, in March airing daily 10 hours over transmitters in UK and CIS. (O. Alm via K. Ludwig via ntt - HJB in MA-DX #132)

Effective 2003 June 30th **Bible Voice Broadcasting Network - BVBN** will be changing frequencies as follows:
To the Middle East

7430 will be found at 15680.

7430 from 1900 UTC will be on 13710.

Arabic programming will be found at 15750 at 1615 Monday-Friday (moved from 15680).

English programming will also be found on 15750 on the 19 meter band at 1700 UTC on Sat/Sun. (Mrs. Marty McLaughlin - Bible Voice Broadcasting, via Swopan Chakroborty via WWDXC-HQ; June 10, 2003)

USA: American Forces Radio and Television Service - AFRTS on shortwave. The first military radio stations appeared in Panama and Alaska just prior to World War II. During the first days of U.S. entry into WWII, a military radio station was started on Bataan and Corregidor in the Philippines by General Douglas MacArthur's staff. The success of these early radio stations paved the way for the creation of the Armed Forces Radio Service (AFRS). In early 1945, at the height of WWII, there were about 300 AFRS radio stations worldwide. The end of the war brought considerable reductions to the AFRS system. By 1949, only 60 AFRS stations remained in operation. Today, AFRTS uses seven satellites along with digital compression technology to provide multiple television and audio services to military audiences in 177 countries, U.S. territories, and on board U.S. Navy ships. Current Shortwave High Frequencies:

Location	Band	Daytime	Nighttime
Diego Garcia	Upper Sideband	12579	4319
Guam	Upper Sideband	13362	5765
Keflavik, Iceland	Upper Sideband	13855	13855
Key West, FL	Upper Sideband	12133.5 and 5446.5	same as daytime
Pearl Harbor, Hawaii	Upper Sideband	10320	6350
RR, Puerto Rico	Upper Sideband	7507	7507

National Public Radio - NPR Worldwide (at the web <<http://www.npr.org>>) can be heard for a few hours a day on shortwave radio via the Armed Forces Radio and Television Service. E-Mail: <worldwide@npr.org>

(myafn.dodmedia.osd.mil/radio/shortwave via JKB, Jul 2003)

Transmitter location in Island is the U.S. Naval Base Keflavik at Grindavík, about 30 Kilometers southwest of Reykjavík. Reception reports via email to <QSL@mediacen.navy.mil>.

(Anker Petersen 7.5, 16.6.2003, via HJB at ntt #135)

Radio Free Asia - RFA schedule in A03, valid until Oct 26th, 2003. RFA currently broadcasts from 1100-0700, there are no transmissions between 0700 and 1100. Daily programming incl. Mandarin for 12 hrs, Cantonese increase from two to four hrs, Uighur for two hrs, and Tibetan for eight hrs. RFA has introduced two new additional broadcast hours in Cambodian programming at 1130-1229 and 2330-0029, but seemingly on a test basis. These additional services are not figured out on their website <<http://www.rfa.org/service/index.html?service=khm>> or <<http://www.rfa.org/service/schedule.html?service=khm>>.

0000-0100	LAO	12015I	13830	15545T			
0030-0130	BURMESE	11540-S03	13680T	13820I	15660	17525-J03	17835S
0100-0200	UIGHUR	9350	11520	11895UAE	11945UAE	15405T	
0100-0300	TIBETAN	9365	11695UAE	11975H	15225T	15695	17730
0300-0600	MANDARIN	13670T	13760T	15150T	15665T		
		17495	17525	17615S	17880S		
		21690T					
0600-0700	MANDARIN	13670T	13760T	15150T	15665T		
		17495	17525	17615S	17880S		
0600-0700	TIBETAN	17485	17510	17720	21500T	21690UAE	
1100-1200	LAO	9355S	9545T	15560I	15635		
1100-1400	TIBETAN	7470	11590	13625T	13830-S03	15510UAE	
		15695-J03	17855H-	(from 1200)			
1130-1230	CAMBODIAN	13730T	15535I				
1230-1330	CAMBODIAN	13645T	15525I	15625			
1300-1400	BURMESE	11540-S03	11765T	13745T	15680-J03		
1400-1500	CANTONESE	9775T	11715S	13790T			
1400-1500	VIETNAMESE	9455S	9635T	9930W	11510	11520	11535-S03
		11605N	11765T	13775P	15705-J03		
1400-1500	KOREAN	7380	11790T	13625T	15625		
1500-1600	TIBETAN	7470	11510	11705T	11780UAE	13835	
1500-1600	MANDARIN	7540-S03	9905P	11765T	11945T	12025S	13690T

15510T 15680-J03
 1500-1600 KOREAN 648uss 9385S 13625T
 1600-1700 KOREAN 7210irk 9385S 13625T
 1600-1700 UIGHUR 7465 9350I 9370 9555UAE 11780T 13715I
 1600-1700 MANDARIN 7540-S03 9455S 9905P 11750T 11795T 11945T
 12025S 13690T 15510T 15680-J03
 1700-1800 MANDARIN 7540-S03 9355S 9455S 9540T 9905P 11750T
 11795T 11945T 11995S 13690T 15510T 15680-J03
 17640T
 1800-1900 MANDARIN 7530-S03 7540-S03 9355S 9455S 9540T
 11520-J03 11740T 11945T 11955T 11995S 13680T
 15510T 15680-J03 17640T
 1900-2000 MANDARIN 7530-S03 7540-S03 9355S 9455S 9905P
 11520-J03 11740T 11785T 11945T 11955T 11995S
 13625T 13680T 15510T 15680-J03
 2000-2100 MANDARIN 7530-S03 7540-S03 9355S 9455S 9850T
 9905P 11520-J03 11700T 11740T 11785T 11935T
 11995S 13625T 13670T 15515T 15680-J03
 2100-2200 MANDARIN 7540-S03 9455S 9850T 9910P 11700T 11740T
 11935T 11995S 13625T 15515T 15680-J03
 2200-2300 CANTONESE 9355S 9955P 11785T 13675T
 2200-2300 KOREAN 7460 9455S 9850T 11670S 12080T
 2230-2330 CAMBODIAN 7455-S03 9490I 9930P 11570-J03 13735T
 2300-2359 MANDARIN 7315N 7540-S03 9910P 11785T 11935N 11995N
 13640T 13800S 15430T 15550T 15680-J03
 2300-2359 TIBETAN 7470 7550-S03 9365-J03 9395-S03
 9805UAE 9875H 15695-J03
 2330-0029 CAMBODIAN 7490I 13735T
 2330-0029 VIETNAMESE 9975-S03 11540-J03 11560 11580 11605N
 11670T 12110I 13735S 15560P

J03 = until Sept 6.

S03 = from Sept 7th, 2003.

TX: HOL/H = Holzkirchen Germany, IRA/I = Iranawila Sri Lanka,
 SAI/S = Saipan, TIN/T = Tinian No Mariana Isls.

Merlin relays TWN/N = Taiwan and UAE = Al Dhabayya-UAE.

irk = Irkutsk-RUS and uss = Ussuriysk-RUS relays.

(various sources compiled by WB; June 19th, 2003)

English schedule of **FBN, Fundamental Broadcasting Network**, valid until 10/26/2003.
 Address: FBN, Fundamental Broadcasting Network, 520 Roberts Road, Newport, NC 28570, USA.
 E-mail: <fbn@clis.com>, Web: <www.fbnradio.com>.

0000-2400 5920 WBOH, Worldwide Beacon of Hope

0000-2400 9370 WTJC, Working Till Jesus Comes

(Marcelo A. Cornachioni in CONEXION #219, 12 Jul 2003)

VIETNAM: According to its Web site, *Radio the Voice of Vietnam* has commenced a new service for the ethnic minority groups of Ede, Gia Rai, K'Ho, Ba Na and M'Nong. The Web site says the service operates daily at 2200-1600 UTC on mediumwave 819 kHz and shortwave 6020 kHz. (© Radio Netherlands Media Network - 24 June 2003, via JKB)

YUGOSLAVIA: Station formerly known as *Radio Yugoslavia* has dropped that name and now identifies now as *International Radio of Serbia and Montenegro - RSCG*. RSCG is an abbreviation of the station's Serbian name: Radio Srbija i Crna Gora. A new logo has also been unveiled on the station's Web site. The old URL <http://www.radioyu.org/> is still in use, and there is no change to the schedule. (Radio Netherlands - Media Network via EDXP WORLD BROADCASTING MAGAZINE NO. 294, 2 Jul 2003)

ZIMBABWE: Zimbabwe's *Minister of Information* Jonathan Moyo says that foreign-funded organisations will not be allowed to operate community radio stations in the country under the Broadcasting Services Act. He told journalists that the frequency spectrum is limited and is reserved for Zimbabweans. Moyo said the government would not be forced into establishing more radio stations while ZBC could not reach some parts of the country.

He said the government needed 24 transmitters at a cost of US\$40 million.
(© Radio Netherlands Media Network - 9 May 2003, via JKB)

Sources & Contributors:

BC-DX	News Bulletin by Wolfgang W. Bueschel - Germany.
BDXC-UK	British DX Club - United Kingdom.
CONEXION	CONEXION Digital - Buenos Aires, Argentina.
DXLD	Glenn Hauser's DX LISTENING DIGEST - USA.
EDXP	Electronic DX Press, Bob Padula - Australia.
HJB	ntt - Dr. Hansjoerg Biener, Amberg - Germany.
JKB	Dr. Juergen Kubiak, Berlin - Germany.
KLE	Kai Ludwig, Elsterwerda - Germany.
OBSERVER	Fortnightly edition of Radio Bulgaria's Frequency Management.
RNMN	R. Netherlands Media Network ©.
Swopan Chakroborty	Kolkata - India.
WB	Wolfgang W. Bueschel, Stuttgart - Germany.
WWDXC-HQ	WWDXC Headquarter, Michael Bethge - Germany.

Abbreviations:

<i>Target:</i>	<i>Target Prefix:</i>
ITU country code or	N North
Af Africa	E East
Am America	S South
As Asia	W West
Eu Europe	C Central
ME Middle East	
FSU Former Soviet Union	

Languages:	Other common abbreviations:
Ar Arabic	bc broadcast
Ch Chinese	lsb Lower Side Band Mode
Du Dutch	nd non-directional
E, En English	px program
F French	sce(d),
G, Ge German	sked schedule
Gr Greek	ssb Single Sideband Mode
I Italian	tx(er) transmitter
J Japanese	usb Upper Side Band Mode
K Korean	mm/dd/yy Date (month/day/year)
P Portuguese	dd.mm.yy (day.month.year)
R Russian	
Sp Spanish	
Turk Turkish	

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<i>Web Page:</i>	http://surf.to/Dr.Kubi (V3)
	http://home.snafu.de/j.kubiak/



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DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, Apt. #421, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada
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LONG & MEDIUMWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
1053.0	1037	243	G	Talk Sport	English	Anns. Talks & ID	2006	HSE
1062.0	1056	233	DNK	DR3/4, Kalundborg	Danish	Rock & Pop music and Anns.	2006	HSE
1089.0	1053	233	G	Talk Sport	English	Talks	2006	HSE
1458.0	0547	243	G	Sunrise Radio,London	English	Anns., Headlines,Jingles	2006	HSE
1470.0	2215	221	VEN	Radio Vibracion	Spanish	Anns.,Music	2206	HSE
1575.0	0543	243	I	RAI Radiouno	Italian	Interviews	2006	HSE

TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3240.0	0253	222	SWZ	TWR,Swaziland	English	ID followed by Shona programming	2205	RAD
3255.0	0332	222	AFS	BBC World Service via Meyerton	English	News	1905	RAD
3279.6	0031	222	EQA	La Voz del Napo	Spanish	Instrumental music	2106	HSE
3291.2	0825	222	GUY	Voice of Guyana	English	Music and vocals	1805	RAD
3300.0	0255	322	GTM	Radio Cutural	English	ID,Back to Bible	2805	RAD
3315.0	0001	343	IND	All India Radio,Bhopal	Hindi	Anns. Instrumental music	2106	HSE
3320.0	0323	222	AFS	Radio Sondergrense	Afrikaans	Vocals and talks	1905	RAD
3912.0	1906	221	KOR	Voice of People via KBS	Vernaculars	Program	1906	HSE
4025.6	2216	243	IRL	Laser Hot Hits	English	Pop music,ID & Anns.	2106	HSE
4635.0	1950	343	TJK	Tadjik Radio,Yangi-Yul	Vernaculars	Comments and music	2006	HSE
4815.0	0247	322	B	Radio Difusora Londrina	Portugese	Talks,ID	1906	RAD
4820.0	0250	322	BOT	Radio Botswana	Vernacular	IS,ID,Anncts. & News	2205	RAD
4835.0	1945	343	MLI	Radio Diff TV Malienne	French	Comments & anns.	2006	HSE
4860.0	1731	233	IND	AIR,Delhi	Hindi	News	2006	HSE
4876.8	2323	243	BOL	La Cruz del Sur	Spanish	Folklore	2006	HSE
4890.0	0814	222	PNG	NBC,Port Moresby	English	IB,News,Sports	0906	RAD
4910.0	0246	322	ZMB	Zambia NBC,Lusaka	English	IS,ID,Drum music	2706	RAD
4915.0	0035	244	B	CBN Anhanguera	Portugese	Sport Anns.,	1806	HSE
4915.0	2158	343	GHA	GBC,Accra	English	Anns., ID	2206	HSE
4975.0	0225	322	PRU	Radio del Pacifico	Spanish	Religious talks	0506	RAD
4976.0	1902	233	UGA	Radio Uganda	English	Comments	1906	HSE
5009.9	1931	243	MDG	Radio Madagasikara	Vernaculars	Music	2006	HSE
5025.0	1914	233	BEN	ORTB,Parakou	Vernaculars	Commentary	2006	HSE
5029.0	0431	233	CTR	Dr.Gene Scott	English	Country music and Anns.	2206	HSE
5030.0	2038	232	BFA	RDTV Burkina	French	Music	1906	HSE
5046.7	2206	322	TGO	Radio Togo	French	Anns.	2206	HSE
5010.0	0258	333	MDG	Radio TV Malagasy	Malagasy	IS,ID,News	2306	RAD
5050.1	1940	233	TZA	Radio Tanzania	Vernaculars	Anns., Comments	2006	HSE

SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5446.5	0159	322	USA	AFN, Key West	English	Network News & Sports	0207	RAD
5915.0	0243	222	ZMB	Zambia NBC, Lusaka	English	IS, ID and Anns.	2005	RAD
5952.5	2316	243	BOL	Radio Pio XII	Spanish	Comments, music	2006	HSE
5970.0	0823	322	B	Radio Itatiaia	Portugese	Talk feature, Ad and ID	0906	RAD
5985.0	0428	322	COG	Radio Congo	French	ID, Band music	2605	RAD
5990.0	2201	344	B	Radio Senado	Portugese	Political comments	2006	HSE
5995.0	2220	343	Mli	Radio TV Malienne	French	ID, Program	3005	MF
6020.3	2340	232	PRU	Radio Victoria, Lima	Spanish	Folklore, Anns.	2006	HSE
6035.0	2217	233	CHN	Yunnan BS, Kuming	Chinese	Comments	2206	HSE
6035.0	0240	221	CLM	La Voz del Guaviare	Spanish	Latin vocals, ID and Anncts.	0406	RAD
6040.0	2312	221	B	Radio Clube Paranaense	Portugese	Voz do Brasil program	1505	RAD
6042.5	0018	232	PRU	Radio Melodia, Arequipa	Spanish	Folklore, Anns	2106	HSE
6050.0	2222	344	CHN	Xizang PBS, Lhasa	Chinese	Talks	2206	HSE
6105.0	0226	333	D	Radio Free Europe	Russian	News and pop music	0406	RAD
6210.0	0316	322	ETH	Radio Fana	Amharic	Horn of Africa music and talks	2205	RAD
6291.5	0940	243	D	Radio Perfekt	German	Country	2206	HSE
6350.0	0808	222	HWA	AFN, Pearl Harbour	English	ID, AFN Sports	0906	RAD
6585.4	0130	211	BOL	Radio Nueva Esperanza	Spanish	Talk followed by National anthem	2206	RAD
7105.0	1700	444	QAT	Qatar Broadcasting, Doha	Arabic	Pop Music, Iran	2405	MF
7155.0	1950	444	THA	Radio Thailand	English	Thai Products	1606	MF
7210.3	0500	333	BEN	Radio TV Benin	French	IS, ID, Pop vocals	2605	RAD
7245.0	1620	243	TZK	Radio Tadzikistan	English	Program	0106	MF
9465.0	0028	433	AUT	FEBA Radio via Moosbrun	English	Spotlight program	0107	RAD
9630.2	2346	343	B	Radio Aperecida, Aperecida	Portugese	Music Anns.	2006	HSE
9690.0	2040	333	SYR	Radio Damascus	Arabic	Program on Saddam	3005	MF
9695.0	2240	322	B	Radio Rio Mar	Portugese	Talks and News	1505	RAD
9720.0	2030	333	TUN	RTV Tunisienne	Arabic	Hit music	3005	MF
9790.0	1940	332	GAB	Radio France Intl.,	French	ID and Jazz	3005	MF
11620.0	0010	322	IND	All India Radio, Patna	Hindi	ID, News	1805	RAD
11630.0	1340	433	VTN	Voice of Vietnam	English	Program	1706	MDS
11734.0	2005	343	TZA	Radio Tanzania	Vernacular	Music	1906	HSE
11795.0	0029	333	D	Gospel for Asia	Vernaculars	Religious talks	1406	RAD
11905.0	0018	222	D	Gospel for Asia	Vernaculars	Religious talks	1406	RAD
11915.0	0300	222	B	Radio Gaucha	Portugese	Time pips, ID and News	1505	RAD
13610.0	2027	322	SYR	Radio Damascus	English	News followed by music	3105	RAD
13650.0	1030	333	KRE	Voice of Korea, Pyonyang	English	Program on Kim Jing Il	1506	MDS
13670.0	1300	333	KOR	Radio Korea Intl.,	English	Program	1706	MDS
13855.0	0905	244	ISL	AFN, Keflavik	English	Talks	2206	HSE
15135.0	0240	211	IND	All India Radio, Delhi	Hindi	Talk, Instrumental music	2506	RAD
15160.0	2001	243	NZL	Radio Newzealand	English	News	2106	HSE
15185.0	0528	243		Radio Farda	Vernacular	Pop music, ID, News	2006	HSE
15240.0	0138	222	AUS	Radio Australia, Shepperton	English	ID, Music program	2206	RAD
15265.0	1655	222	AFS	Channel Africa	English	ID, News	2205	RAD
15265.0	1638	222	TWN	CBS	Chinese	Opera music	1705	RAD
15295.0	0615	333	UZB	Radio Tashkent	English	Anns., Address	1706	MDS
15345.0	2110	344	ARG	RAE, Buenos Aires	German	News	2006	HSE
15400.0	0345	444	UAE	UAR Radio	English	Program	2006	MDS
15435.0	1730	555	ARS	BSKSA, Riyadh	Arabic	Program	2405	MF
15476.0	1948	232	ATA	Radio Nacional Arcangel	Spanish	Anns., Music	1906	HSE
15600.0	1045	555	IRN	IRIB, Teheran	English	Islamic Program	2306	MDS
15625.0	1030	444	PAK	Radio Pakistan	Sinhala	Program	0207	MDS

17770.0	0828	233	E	REE	Spanish	Comments,Anns.ID	1906	HSE
17775.0	0125	433	AUS	Radio Australia	English	Program to Asia Pacific	0407	MDS
21745.0	0915	333	CZE	Radio Prague	English	Anns.	0307	MDS
22744.0	0927	244	GRC	Olympia Radio	English	Anns., ID	2206	HSE

Thanks a lot to our club members for your contributions:

HSE : Horst Schmidt, DX-Camp Erfstadt, Germany - Drake R7, GD82NF, FRT 7700 with various antennas.

MDS : Malinda da Silva, Pannipitiya, Sri Lanka.

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

RAD : Richard A. D'Angelo, Wyomissing, USA. - Drake R-8B with very long wires & Datong FL3

Dear Friends,

Welcome to the July issue of Logbook for 2003.

This month it is a better scenario as regards logging contributions from ours Club members. Keep up the good work.

Till next issue it's 73's from your Editor,

Ashok Kumar Bose

QSL CORNER

Editor: Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta, T8N 2W7, CANADA

Country	Station	QSL	Time	ORG	Remarks	OM
Brazil	Radio Congonhas	L	64 ds	4.775	Stamped my prepared card.	RAD
China	China National R. -Beijing	f/d cd	19 ds	4.850	CNR Tower building card.	RAD
Cland (Laos)	Hmong Lao Radio	n/d L		12.070	v/s, Shoua Cha, Chairman	RAD
Clandestine	Voice of Biafra International	e-mail	2 ds	15.670	v/s, Chima Osondu	RAD
Italy	Italian Radio Relay Service	e-mail	2 ds	5.780	from Alfredo Cotroneo	RAD
Peru	Radio Atlantida	n/d L	36 ds	4.790	v/s Carmelo Lopez Paredes	RAD

Thanks to our Reporter:

RAD = Richard A. D' Angelo, Wyomissing, PA. USA Drake R-8B, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4

SWL / Media Programs in English and German

March 30th – October 26th, 2003 – As of July 10th, 2003

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E-mail: mail@wwdxc.de

URL: <http://www.wwdxc.de>

DX & Media news, receiver reviews, radio features, letterbox programmes, tuning tips, propagation, satellites, computers, amateur radio and radio theory.

2nd Figures behind language symbols E or G, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission.

Monday

- 0030 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0105 RCI Montreal, E, Maple Leaf Mailbag – 9755 15170 15305 STL Hotbird No&LatAM
- 0205 RCI Montreal, E, Maple Leaf Mailbag – 15510 17860 SoAS STL Hotbird EUR
- 0205 DW Cologne, G, except **1st**
- 0230 WHRI South Bend, E, DXwCumbre – 5745
- 0300 RVI Brussels via Bonaire, E – 15565 STL
- 0300 KWHR Naalehu Hawaii, E, DXwCumbre – 17510
- 0330 WHRI South Bend, E, DXwCumbre – 7315
- 0330 WRMI Miami (AWR Wavescan), E – 7385
- 0445 WBCQ, E, World of Radio – 7415
- 0630 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0706 Radio NZL Internat., E, alternate weeks – 9885
- 1230 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1900 Amateur Radio Mirror, Channel Africa, E – 3215 7082usb
- 1950 Radio Budapest, G – 3975 6025
- 2025 REE Madrid, E – 9570 15290 EUR / AF
- 2135 Radio NZL Internat., E, alternate weeks – 15160
- 2330 Radio Budapest, G – STL Euromax Astra/Hotbird, WRN2 Afristar AF

Tuesday

- 0420 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 0720 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 0930 WWCR Nashville, E, DX Party Line – 9475
- 1320 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 1400 XERMEX Mexico, E, DXperience – 9705 11770
- 1725 Radio Polonia Warsaw, E – 5995 7285 WRN STL EUR
- 1750 Radio Budapest, G – 3975 6025
- 1805 hr2 Frankfurt, Medienjournal, G **1st 3rd** – FM STL
- 1900 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1940 Radio Tashkent, G **1st 3rd** – 5025 11905
- 1955 Radio Polonia Warsaw, E – STL EUR
- 2030 RCI Montreal, E, Maple Leaf Mailbag – 5850 5995 11690 11965 12015 15325 15470 17870 STL Hotbird
- 2100? XERMEX Mexico, E, DXperience – 9705 11770
- 2105 RHC Habana, E – 11760 [9505 alt]
- 2130 RAE Buenos Aires, G – 9690 15345
- 2130 WWCR Nashville, Sp, Mundo Radial – 15825

2200? XERMEX Mexico, E, DXperience – 9705 11770

2335 RHC Habana, E – 9550

Wednesday

- 0100 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0130 RCI Montreal, E, Maple Leaf Mailbag – 9755 15170 15305 STL Hotbird No&LatAM
- 0135 RHC Habana, E – 6000 9820
- 0230 RCI Montreal, E, Maple Leaf Mailbag – 15510 17860 SoAS STL Hotbird EUR
- 0300 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF Euromax Astra/Hotbird Afristar NE/AF / Asiasat/Asiastar AS / TelStar V AM
- 0335 RHC Habana, E – 6000 9820
- 0535 RHC Habana, E – 9820
- 0600 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF Euromax Astra/Hotbird Afristar NE/AF / Asiasat/AsiaStar AS
- 0700 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0800 WWCR Nashville, E, Spectrum – 3210
- 0930 WWCR Nashville, E, World of Radio – 9475
- 1130 WRMI Miami, E/Sp, Viva Miami – 9955
- 1300 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1630 RCI Montreal, E, Maple Leaf Mailbag – STL Hotbird EUR
- 1715 WWCR Nashville, E, **1st 4th 5th** – 15825
- 1725 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF / Euromax Astra/Hotbird / Afristar NE/AF / Asiasat/AsiaStar AS / TelStar V AM
- 1730 Radio NZL Internat., E, alternate weeks – 6095 / 11980
- 1745 Radio UKR Internat. Kiev, G, fortnightly – 11550
- 1845 RAE Buenos Aires, E, Dxers Special – 9690 15345
- 1950 Radio Budapest, G – 3975 6025
- 2045 Radio UKR Internat. Kiev, G, fortnightly – 11550
- 2100 WWCR Nashville, Sp, Mundo Radial – 15825
- 2200 WBCQ Maine, E, World of Radio – 7415 17495usb
- 2330 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 2345 Radio UKR Internat. Kiev, G, fortnightly – 5905 12040

Thursday

- 0130 Radio Australia, E, Media Report – 9660 12080 15240 15415 17580 17750 17795 21725
- 0245 RAE Buenos Aires, E, Dxers Special – 11710
- 0305 Radio NZL Internat., E, alternate weeks – 17675
- 0420 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 0720 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 1030 Radio Australia, E, Media Report – 9580 11880 15240 17750 21820
- 1225 Radio Polonia Warsaw, E – 9525 11820 STL
- 1320 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 1530 XERMEX Mexico, E, DXperience – 9705 11770
- 1530 Radio Australia, E, Media Report – 5995 9475 9580 11650 11660
- 1930 Radio Bulgaria Sofia, G – 5800 7500 EUR
- 1935 Radio Tashkent, G – 5025 11905
- 2000 WWCR Nashville, E, DX Party Line – 15825
- 2000 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 2030 WWCR Nashville, E, World of Radio – 15825
- 2135 RCI Montreal, E, Maple Leaf Mailbag – STL WRN

Afristar, Asiastar, WorldSpace AF / ME / AS / PAC / SoAM
 2208 RCI Montreal, E, Maple Leaf Mailbag – STL WRN WorldSpace AM
 2238 RCI Montreal, E, Maple Leaf Mailbag – STL WRN Siriusstar AM
 2330 Radio Australia, E, Media Report – 9660 11695 12080 13620 15230 15415 17715 17795 21740

Friday

0200 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 0800 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 0900 Radio Polonia Warsaw, E, DX Club STL
 0945 WWCN Nashville, E, alternate weeks – 9475
 1100 WRN on Internet, E, World of Radio on-demand start
 1230 BBC R4, World in Your Ear / Feedback, E – LW 198, MW, FM, DAB, STL
 1305 Radio Budapest, E – STL WRN TelStar V AM
 1400 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 1920 Radio Budapest, E, DX Corner – 3975 6025 11720 STL WRN
 WorldSpace Afristar AF / AsiaSat / AsiaStar AS/Pac
 1930 Radio NZL Internat., E, alternate weeks – 15160
 1930 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 2030 WWCN Nashville, E, alternate weeks – 15825
 2100 WHRA, E, DXwCumbre – 17650 AF / EUR
 2105 Radio Australia, E, Feedback – 7240 9500 9580 9660 11880 12080 17715 21740
 2115 WWCN Nashville, Sp, Mundo Radial – 15825
 2120 Radio Budapest, E, DX Corner – 6025 11890
 2130 RAE Buenos Aires, G – 9690 15345
 2138 Radio Bulgaria Sofia, E – 5800 7500 EUR
 2300 Studio-X Italy, E, World of Radio – 1566 1584, FM
 2320 Radio Budapest, E, DX Corner – STL WRN Astra/Hotbird Euromax / WRN1 TelStar V AM
 2338 Radio Bulgaria Sofia, E – 9400 11900 NoAM

Saturday

0105 Radio Tashkent, E, after 3rd Sat – 7190 9375 9530 9715
 0120 Radio Budapest, E, DX Corner – 9590
 0130 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 0238 Radio Bulgaria Sofia, E – 9400 11900 NoAM
 0250 Radio Budapest, E, DX Corner – 9570
 0330 Radio Polonia Warsaw, E, DX Club STL
 0350 Radio Budapest, E, DX Corner – STL WRN TelStar V AM
 WorldSpace Afristar AF / AsiaSat/AsiaStar AS/Pac
 0430 WHRA, E, DXwCumbre – 7580 AF / EUR
 0500 HCJB Quito, G – 9780 21455usb EUR
 0500 WHRI South Bend, E, DXwCumbre – 5745 7315
 0600 KWHR Naalehu Hawaii, E, DXwCumbre – 17780
 0605 Radio Australia, E, Feedback – 15240 15415 15515 17750
 0630 WHRI South Bend, E, DXwCumbre – 5745
 0638 RCI Montreal, E, Maple Leaf Mailbag – STL via WRN Astra EuroMax/Hotbird / WRN2 AfriSat / AfriStar EUR
 0730 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 0730 WHRI South Bend, E, DXwCumbre – 5745 7315
 0745 RKI Seoul, G – 15210 AS/EUR
 0800 WRN1, E, World of Radio – STL Astra/Hotbird Euromax EUR/ME/AF AfriStar AF / AsiaSat / AsiaStar AS/Pac

0800 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
 0810 RKI Seoul, E – 9570 13670 AS
 0845 WWCN Nashville, E, alternate weeks – 5070
 0900 WWCN Nashville, E, DX Party Line – 5070
 0930 HCJB Australia, E, DX Party Line – 11770 PAC
 0930 WJIE, E, World of Radio – 7490 13595
 1000 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
 1030 WWCN Nashville, E, World of Radio – 5070
 1140 RKI Seoul, E – 9650CAN NoAM
 1145 Voice of Turkey, G, fortnightly – 15470
 1227 RRI Bucharest, G – 11775 15150
 1230 WHRI South Bend, E, DXwCumbre – 9495
 1230 HCJB Quito, E, DX Party Line – 9745 21455usb NoAM
 1245 Voice of Turkey, E, fortnightly – 17595 17830
 1310 RKI Seoul, E – 9570 13670 AS
 1330 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 1335 Radio Tashkent, E, 2nd – 7285 9715 15295 17775
 1430 HCJB Quito, G – STL WRN Astra EuroMax/Hotbird EUR / WRN2 AfriStar AF
 1430 HCJB Australia, E, DX Party Line – 15480 AS
 1500 WHRI South Bend, E, DXwCumbre – 13760
 1505 DeutschlandFunk Cologne, G, Media Magazine
 1505 hr2 Frankfurt, Medienforum, G – FM STL
 1610 RKI Seoul, E – 5975 9515 9870 AS
 1611 RRI Bucharest, G – 9690 11940 15170
 1645 RKI Seoul, G – 7275 AS
 1730 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 1730 Voice of Turkey, G, fortnightly – 13640
 1730 HCJB Quito, G – STL WRN Astra EuroMax/Hotbird EUR / WRN2 AfriStar AF
 1845 Voice of Turkey, E, fortnightly – 9785
 1910 RKI Seoul, E – 5975 7275 AS
 1911 RRI Bucharest, G – 9625 11940
 1920 Radio Bulgaria Sofia, G – 5800 7500 EUR
 1930 WHRI South Bend, E, DXwCumbre – 9495
 1930 Radio Belarus Minsk, G – 1170 7105 7210
 2000 HCJB Quito, G – 15545 17795 21455usb EUR
 2000 RKI Seoul via Skelton, G – 3955 EUR
 2030 AWR Wavescan KSDA Guam, E – 11750 11980
 2030 Radio Belarus Minsk, G – 1170 7105 7210
 2035 Radio Tashkent, E, 2nd – 5025 11905
 2045 Voice of Turkey, E, fortnightly – 9525
 2105 RHC Habana, E – 11760 [9505 alt]
 2110 RKI Seoul via Skelton, E – 3955 EUR
 2118 Radio UKR Internat. Kiev, E – 5905
 2125 REE Madrid, E – 9840 9570 EUR / AF
 2130 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 2130 AWR Wavescan KSDA Guam, E – 11850 11980
 2130 WHRA, E, DXwCumbre – 17650
 2135 Radio Tashkent, E, 2nd – 5025 9545 11905
 2135 RCI Montreal, E, Maple Leaf Mailbag – STL WRN Afristar, Asiastar, WorldSpace AF/ME/AS/PAC/SoAM
 2208 RCI Montreal, E, Maple Leaf Mailbag – STL WRN WorldSpace AM
 2215 Voice of Turkey, E, fortnightly – 9830 11960
 2230 WRMI Miami (AWR Wavescan), E – 15725
 2230 WHRI South Bend, E, DXwCumbre – 9495
 2238 RCI Montreal, E, Maple Leaf Mailbag – STL WRN Siriusstar AM
 2300 WBCQ, Ham Radio Show, E, – 7415
 2300 HCJB Quito, G – 11980 SoAM
 2330 RfPI Costa Rica, E, World of Radio – 7445usb 15040

2335 RHC Habana, E – 9550
 2345 WWCR Nashville, E, alternate weeks – 9475

Sunday

0000 WINB, E, DX Party Line – 12160
 0018 Radio UKR Internat. Kiev, E – 12040
 0025 REE Madrid, E – 15385
 0030 WHRI South Bend, E, DXwCumbre – 7315
 0030 WINB, E, World of Radio – 12160
 0030 AWR Wavescan Abu Dhabi, E – 9720 9810
 0100 WINB, E, AWR Wavescan – 12160
 0135 RHC Habana, E – 6000 9820
 0200 WWCR Nashville, E, DX Party Line – 5070
 0200 AWR Wavescan Moosbrunn, E – 9820
 0210 RKI Seoul, E – 9560CAN 11810 15575 NoAM / AS
 0230 WWCR Nashville, E, World of Radio – 5070
 0230 WHRA, E, DXwCumbre – 7580
 0230 Radio Belarus Minsk, G – 1170 5970 7210
 0233 VoA, E, Main Street – 7115 9635 11705 11725
 11820 13650 17740 17820
 0300 WWCR Nashville, E, Spectrum – 5070
 0305 Radio Australia, E, Feedback –
 15240 15415 15515 17750
 0315 Voice of Turkey, E, fortnightly – 7270 11655 [9650]
 11655 replaced by 9650 from August 31.
 0318 Radio UKR Internat. Kiev, E – 12040
 0330 RfPI Costa Rica, E, Continent of Media –
 7445usb 15040
 0330 HCJB Quito, G via WRN – STL Astra EuroMax/Hotbird /
 WRN2 AfriSat / AfriStar
 0330 AWR Wavescan Abu Dhabi, E – 15160
 0330 WRMI Miami En/Sp, Viva Miami – 7385
 0335 RHC Habana, E – 6000 9820
 0400 AWR Wavescan Meyerton, E – 7235
 0430 KWHR Naalehu Hawaii, E, DXwCumbre – 17780
 0430 XERMEX Mexico, E, DXperience – 9705 11770
 0430 WRN1, E, World of Radio – STL Astra/Hotbird
 Euromax EUR/ME/AF
 AfriStar AF / AsiaSat / AsiaStar AS/Pac
 0433 VoA, E, Main Street – 909 4960 6080 7290 9530
 9575 11835 11965 12080 15205 17895
 0500 AWR Wavescan Meyerton, E – 3215 3345
 0530 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 0535 RHC Habana, E – 9820
 0600 AWR Wavescan Meyerton, E – 15105
 0605 DW Cologne, G, except 1st
 0628 WWCR Nashville, E, World of Radio – 3210
 0630 WHRI South Bend, E, DXwCumbre – 5745
 0633 VoA, E, Main Street – 1197 6035 6080 7195 9530
 9760 11805 11835 11965 11995 12080 15205
 0638 Radio Bulgaria Sofia, E – 11600 13600 EUR
 0700 RVI Brussels, E – 1512 5985 STL
 0700 RCI Montreal, E, Mailbag, fortnightly – STL Hotbird only
 0700 WRN, E, Radio Australia, Feedback – STL Astra/Hotbird
 Euromax EUR/ME/AF
 AfriStar AF / AsiaSat / AsiaStar AS/Pac
 0700 RKI Seoul, G – 15210 AS/EUR
 0730 AWR Wavescan Moosbrunn, E – 9775
 0730 WHRA, E, DXwCumbre – 11730 AF / EUR
 0800 Amateur Radio Mirror, Channel Africa, E –
 7082usb 9750 17815
 0830 AWR Wavescan Moosbrunn, E – 17780 AF

STL Astra EUR/ME
 0900 hr1 Frankfurt, Netzwerk, G – FM STL
 0930 WRMI Miami, E/Sp, Viva Miami – 9955
 0930 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 1000 AWR Wavescan KSDA Guam, E – 11560 11930
 1005 DW Cologne, G, except 1st
 1006 Radio NZL Internat., E, Media Watch – 9885
 1015 WWCR Nashville, E, alternate weeks – 15825
 1030 WJIE, E, World of Radio – 7490 13595
 1033 VoA, E, Main Street – 1197 5745 7370 9590 9770
 13620 15240 15425
 1118 Radio UKR Internat. Kiev, E – 15415
 1130 RVI Brussels, E – 1512 9865 STL
 1130 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 1138 Radio Bulgaria Sofia, E – 11700 15700 EUR
 1200 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
 1200 WRMI Miami, E, Viva Miami – 15725
 1300 AWR Wavescan Abu Dhabi, E – 17740
 1300 WRMI Miami (AWR Wavescan), E – 15725
 1330 AWR Wavescan Abu Dhabi, E – 15320
 1330 AWR Wavescan KSDA Guam, E – 11980 15275 STL
 1400 WRN1, E, World of Radio – STL via TelStar V AM
 1405 DW Cologne, G, except 1st
 1430 WINB, E, World of Radio – 13570
 1430 WHRA, E, DXwCumbre – 17560
 1430 WRN1, RVI Brussels, E – STL TelStar V AM / AsiastarAS
 1530 RfPI Costa Rica, E, Continent of Media –
 7445usb 15040
 1530 WHRI South Bend, E, DXwCumbre – 15105
 1600 AWR Wavescan KSDA Guam, E – 11560 15215 15235
 1625 WJIE, E, World of Radio – 7490 13595
 1630 AWR Wavescan Abu Dhabi, E – 17630
 1630 AWR Wavescan KSDA Guam, E – 11975
 1730 RVI Brussels, E – 1512 9925 13690 13710
 1730 WWCR Nashville, E, alternate weeks – 12160
 1730 AWR Wavescan KSDA Guam, E – 9385 12015
 1800 AWR Wavescan Meyerton, E – 3215 3345
 1805 DW Cologne, G, except 1st
 1830 RVI Brussels, E – STL WRN1 Euromax EUR/ME/AF /
 TelStar V AM
 1830 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 1830 AWR Wavescan Meyerton, E – 9520
 1900 BBC R4, World in Your Ear / Feedback, E –
 LW 198, MW, FM, DAB, STL
 1930 RVI Brussels, E – 1512 9925 13690 STL
 1930 Studio-X Italy, E, World of Radio – 1566 1584, FM
 1930 AWR Wavescan Slovakia, E – 7130
 1930 Radio Belarus Minsk, G – 1170 7105 7210
 2005 RCI Montreal, E, Maple Leaf Mailbag –
 5850 5995 11690 11965 12015 15325 15470 17870
 STL Hotbird
 2030 AWR Wavescan Woofferton, E – 15385
 2030 WRMI Miami (AWR Wavescan), E – 15725
 2030 Radio Belarus Minsk, G – 1170 7105 7210
 2100 WHRI South Bend, E, DXwCumbre – 5745
 2130 AWR Wavescan Moosbrunn, E – 15130
 2200 WRMI Miami, E, Viva Miami – 15725
 2200 WBCQ Laser Radio, E, Media Show – 9330
 2205 DW Cologne, G, except 1st
 2230 XERMEX Mexico, E, DXperience – 9705 11770
 2230 RVI Brussels via Bonaire, E – 15565 STL