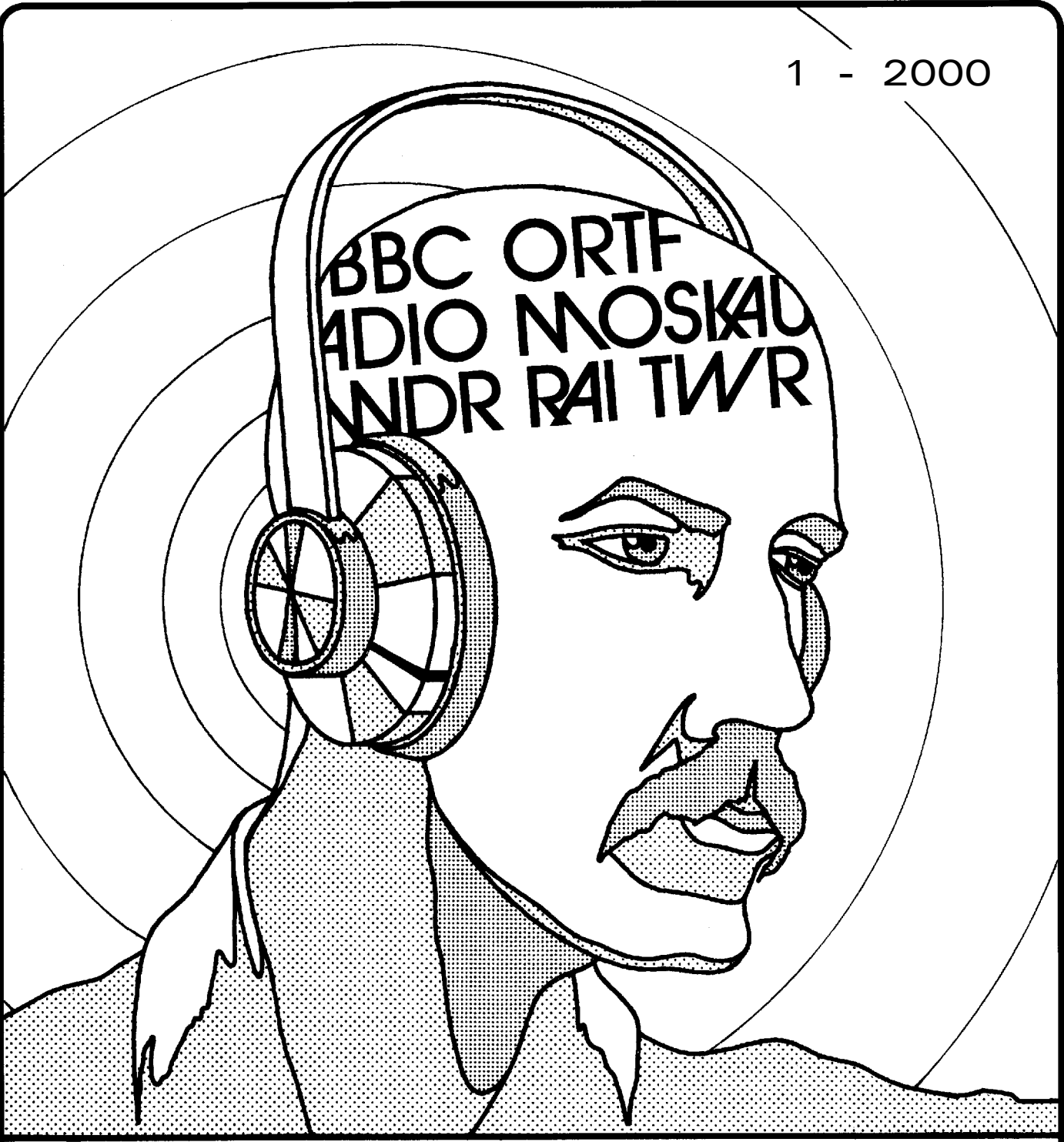
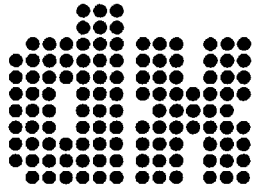


1 - 2000

BBC ORTF  
ADIO MOSKAU  
NDR RAI TVR



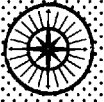
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magazine



WORLD WIDE DX CLUB



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(Please include return postage)

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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.

# WORLD RADIO TV HANDBOOK 2000

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DEADLINE (Redaktionsschluß) for  
DX MAGAZINE No. 3 is on February  
3rd, 2000, and for DX MAGAZINE  
No. 4 on March 2nd, 2000.



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**DX MAGAZINE No. 1 · Vol. XXXV · January 2000**

Hello again,

Welcome to the first issue of our DX MAGAZINE in this new millenium. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2000 recently and especially those who have added a donation for the club to their payment. The same applies to all those who have ordered their copy of WORLD RADIO TV HANDBOOK 2000 from us. And now over to our usual news from outside the club:

Here are some news from TDP, the Worldwide Transmitter Organization: There are now links to more than 300 official web sites of radio stations broadcasting on shortwave at the TDP web site. If you did not know that your favourite shortwave radio station had a web site on the internet, have a look at <<http://www.transmitter.org/stations.html>>. The Shortwave Transmitter Countries section on the TDP web site is updated whenever new information about transmitter installations becomes available. Recent additions include detailed transmitter information from Albania, Bulgaria and Japan. See for yourself at <<http://www.transmitter.org/countries.html>>. Shortwave Transmitter Air-Time: As of January 1st, 2000, Que Huong Radio will expand it's transmissions on shortwave as follows: Monday to Thursday from 1300 to 1359 UTC on 9930 kHz and Monday to Saturday from 2300 to 2359 UTC on 17510 kHz. Programmes are in Vietnamese and broadcast from Hawaii towards Vietnam. If you are looking for air-time on shortwave, be sure to check <<http://www.air-time.org>>. TDP is also your best source if you are looking for a transmitter, antenna or tube. Information about manufacturers, technical specifications and references can all be found at <<http://www.transmitter.org>>.

Der UKW/TV-Arbeitskreis der AGDX ist jetzt im WWW unter <<http://www.ukwv.de>> zu finden. Die jetzt dort zu findenden Seiten sind noch nicht aktualisiert, aber ab Mitte bis Ende Dezember sollten aktuelle Infos dort zu finden sein. Ab 1.1.2000 wird Udo Deutscher die Koordination des Arbeitskreises und damit auch die Chefredaktion von REFLEXION übernehmen und damit den Gründer des Arbeitskreises Frank Helmbold nach über 20-jähriger Tätigkeit ablösen. (via Jürgen Lohuis, Germany)

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**  
 \*\*\*\*\*

**ARGENTINA:** Transmission schedule of *Radiodifusion Argentina Al Exterior* - RAE valid until 5 March 2000. Postal address: Casilla de Correos 555, Correo Central, 1000 Buenos Aires, Argentina. Fax: 54-11-4325636. E-mail: barrera@arg.sicoar.com  
 0900-1200 6060, 15345 Sp Am  
 1000-1200 11710 J As

1200-1400	11710	Sp	CAm, Eu
1800-1900	15345	E	Am, Eu
1900-2000	11710,15345	I	Eu, NAF
2000-2100	11710,15345	F	Eu, NAF
2100-2200	15345	G	Eu, NAF
2200-2300	9690, 15345	Sp	Eu, NAF
2300-2400	9690, 15345	Sp	Am, Eu
0000-0200	11710	P	Am
0200-0300	11710	E	Am
0300-0400	11710	F	Am (Arnaldo Slaen in RI #144/99, 16 Dec 1999)

**AUSTRALIA:** Current frequency schedule B99 of *Radio Australia - RA*.

5995B	0800-0900	English
5995B	0900-1100	Tok Pisin
5995B	1100-1400	English
5995S	1400-1800	English
6020S	0900-1100	Tok Pisin
6020S	1100-1400	English
6080S	1800-2100	English (Tok Pisin 2000-2100 M-F)
6180S	1400-1800	English
7240S	1800-2200	English (Tok Pisin 2000-2100 M-F)
9445S	1100-1230	Chinese
9445S	1230-1330	Vietnamese
9445S	1330-1430	Australian Defence Forces program
9500S	1430-1530	Vietnamese
9500S	1530-2130	English
9580S	1100-2130	English
9660B	2100-2200	English
9660B	2200-2300	BBC WS relay
9660B	2300-0800	English
9660S	1700-2100	English
9710S	0800-0900	English
9710S	0900-1100	Tok Pisin
11650S	1200-1700	English
11660S	1330-1430	Australian Defence Forces program
11660S	1430-1700	English
11695S	2130-0000	Indonesian
11880S	0900-1100	English
11880S	1100-1230	Chinese
11880S	1230-1330	Vietnamese
11880S	1700-2200	English
12080B	0900-1100	Tok Pisin
12080B	1100-1200	English
12080B	2000-2200	English
12080B	2200-2300	BBC WS relay
12080B	2300-0900	English
13605S	0800-1200	English
15230S	2200-2300	Chinese
15230S	2300-0000	Khmer
15240S	0000-0800	English
15415S	0000-0100	Vietnamese
15415S	0100-0900	English (Khmer 0500-0600 M-F, IN 0800-0830 M-F)
15415S	2130-0000	English
15515S	0200-0900	English
17580S	2130-0800	English
17750S	0000-1100	English (Khmer 0500-0600 M-F, IN 0800-0830 M-F)
17795S	2200-0200	English
21725S	0100-0900	English
21740S	2100-0100	English
21820S*	0900-1400	English

S=Shepparton, Victoria 100kW - \* 70kW  
 B=Brandon, Queensland 10kW  
 (Direct from Nigel Holmes, RA to ARDXC, via Richard Jary than via WB, 26 Oct 1999)

**BANGLADESH:** *Bangladesh Betar* now heard.

1230-1300 E; 1315-1345 Nep; 1400-1430 Ur.

1515-1545 Hi; 1600-1630 Ar; 1630-1730 Bangla.  
 1745-1815 E (Voice of Islam); 1815-1900 E and  
 1915-2000 Bangla new 7184.0 instead of 7185 //9550.0.  
 (Observer #63 via WB, 25 Dec 99)

**BELARUS:** Programs of *Belarusian Radio*.

International Service

6070 kHz 0200-0400 Minsk 250 kW 252 deg.

7105 kHz 2000-2200 Minsk 250 kW 252 deg.

7210 kHz 0200-0200 Minsk 075 kW 270 deg.

7210 kHz 2000-2200 Minsk 075 kW 270 deg.

1-st programme . Belorusskoe Radio.

6010 kHz 0400-2300 Brest 005 kW HA

6040 kHz 0400-2300 Minsk 010 kW HA

6070 kHz 0400-2300 Brest 005 kW HA

6080 kHz 0400-2300 Minsk 075 kW 127 deg.

6115 kHz 0400-2300 Minsk 010 kW HA

6190 kHz 0400-2300 Minsk 005 kW HA

7110 kHz 0400-2300 Brest 005 kW HA

7145 kHz 0400-2300 Orsha 005 kW HA

7210 kHz 0300-2000 Minsk 075 kW HA

7275 kHz 1600-1800 Minsk 250 kW 072 deg.

11960 kHz 0400-0600 Minsk 250 kW 072 deg.

11960 kHz 1000-1200 Minsk 250 kW 072 deg.

2 st programme. Belorusskoe Radio + relay of radiostation "Mayak" ( Moscow, Russia)

7265 kHz 0500-2200 Brest 002 kW HA

Actually, the low power transmitters ( 2 - 10 kwt ) are located in Brest, Grodno and Mogilev. Though, according to official information, their location is registered in Orsha, Brest and Minsk. One 250 kwt transmitter and two 75 kwt transmitters are located in Kalodziscy radiocentre near Minsk. (Nikolai Rudnev, Belgorodskaya oblast in RUS-DX #78-A, Jan 2000)

R. Belarus B99 Language segments: 0200-0230 daily Belarusian; 0230-0300 Su Russian; 0300-0330 Mo-We-Fr-Sa-Su English, Tu Belarusian, Th German; 0330-0400 Mo Russian, Su German; 2000-2030 daily Belarusian; 2030-2100 Tu-Th English, We-Sa-Su German, Fr Russian; 2100-2130 Mo-Tu-We-Th-Fr Russian, Sa Russian; 2130-2200 Tu-Th-English, We-Sa-Su German, Fr Russian. (Benno Klink, Germany via WB, Oct-27)

**BOLIVIA:** *Radio Juan XXIII*, San Ignacio de Velasco, Santa Cruz de la Sierra departamento, which has been on 4965 for 32 years, tells it will move around the end of November to 6055, because most receivers tune the 6 MHz band upwards. Uses slogan "La Voz Catolica de la Chiquitania". Besides pastoral work, this station broadcasts, news, notices and literacy programs. (Rogildo Fontenelle Aragao, Cochabamba, translated by Hauser, WOR 1012 via JKB, 18 Nov 99)

*Radio Victoria* is new or reactivated on 7053, heard Nov 21 at 2050 from Villa Abecia, this is near Camargo in southern Bolivia (Rogildo Fontenelle Aragao, Cochabamba - member of DX Clube Paulista via GH DX-Report #99-59, Nov 22, 1999)

**BRAZIL:** At 24th Dec 1999 *Radio Trans Mundial* Sao Paulo changed from 11705 to new frequency 11735 kHz. Station is on the air 0700-1000 at 5965, 9530 and 11735 kHz and 0700-0900 & 2300-2400 mediumwave 800 kHz via TWR Bonaire. Postal address: RTM, Caixa Postal 18300, 04626-970, Sao Paulo - SP, Brazil. Email: transmun@dglnet.com.br (Radio Trans Mundial Board) oder amigosdoradio@transmundial.com.br (DX-Program). (Rudolf Grimm, Jose Eduardo Dias, Radio TransMundial via HJB in ntt aktuell - Jan 2000)

**CHINA (Peoples Rep.):** Valid English schedule of *China Radio International - CRI*. Several transmissions are not direct from China, the relay transmitter sites are not listed below. Address: China Radio International, 16A Shijing Street, Beijing, China 100866. Fax: +86-10-6889-1378/6889-1582. Internet <http://www.cri.com.cn/english/> and email [crieng@cri.com.cn](mailto:crieng@cri.com.cn)

North America ( East Coast )

0300-0400 9690

0400-0500 9730

1300-1400 #1120 AM

# One-hour program is relayed by WUST 0500-0600 9560

or New World Radio

North America ( West Coast )

0300-0400 9690

0400-0500 9730

1400-1600	7405	1900-2000	6165 9440 9595*
<u>Europe</u>		2000-2100	9440
2000-2100	5965 9535	<u>South Asia</u>	
2100-2130	7150*	1200-1300	1188*
2100-2200	5965 9535	1400-1500	11825 15110 *9700 *11675
2200-2300	7170	1500-1600	7160 9785
<u>East and South Africa</u>		<u>Southeast Asia</u>	
1400-1600	13685 15125	1200-1300	1341 9715 11980 11980
1600-1700	7190 9565	1300-1400	1341 15180 11980
1700-1800	9570 7405 7150 9695*	<u>The South Pacific</u>	
2000-2100	11735 15500	0900-1000	15210 11730
2100-2130	11735 15500	1000-1100	15210 11730
<u>West and North Africa</u>		1200-1300	11675 15415 7265
1600-1700	7190	1300-1400	11675 11900
1700-1800	9670*		

\* = Testing Frequencies (CRI web page - last updated 6 Dec 99, via JKB)

New schedule for **CNR-04, the Minorities Language broadcasts**, effective Jan-01, which reflects retimed services. Frequencies in brackets are via relays:

Kazakh	0130-0227 15670 11630 11375 10260
	1400-1457 11630 10260 9390 8566 (5440)
Korean	1000-1057 9920 8566
	2130-2227 5420 4190
Mongolian	2230-2327 5420 4190
	1100-1157 5420 4190
	1500-1557 11630 10260 9390 8566 (4980)
Tibetan	2330-0027 15670 12080 11710 11375
	1200-1257 12080 11740 9565 9390 8566
	(6200 6130 6110 5995 5950 4820 4035)
Uighur	0030-0127 15670 11630 11375 10260
	1300-1357 15670 11630 11375 10260

(Shigenori Aoki via EDXP #153, 12 Jan 00)

**CLANDESTINES:** In 1999 the activity of political clandestine stations on shortwave has decreased by 8.7 % to 1116 Weekly Broadcasting Hours (WBHs). This marks the seventh year of decreasing activity in a row. The highest activity since this survey has been published (1986) was 2284 WBHs in 1990. This year, activity on the Asian continent has decreased by 6.5 % to 819 WBHs, activity to target areas on the American continent has decreased by 7.4 % to 176 WBHs and activity to African target areas has even dropped by 20.3 % to 114 WBHs. Clandestine stations to target areas in Oceania are still active with 7 WBHs. When compared with 12 months ago, the number of active target areas worldwide has dropped from 19 to 18. While Nigeria and Tajikistan are no longer active, Sri Lanka is shown active for the first time since 1990. The three most active target areas worldwide are Iraq with 330 WBHs (+38 when compared with last year), Cuba with 162 WBHs (unchanged) and North Korea with 140 WBHs (-98).

(1999 Clandestine Activity Survey by Mathias Kropf, Germany, December 18)

**COSTA RICA:** *Radio For Peace International - RFPI* frequency schedule effective December 1999 - February 2000. RFPI is a short-wave radio station located on the campus of the University for Peace in Costa Rica, Central America. Postal address is P.O. Box 88, Santa Ana, Costa Rica.

2300-1300	6975	Output: 30 KW
2100-0600	15050	10 KW
1300-2300	25930(USB)	2 KW

(RFPI web page - last updated 18-Dec-99, via JKB)

**CROATIA:** Winter short wave radio frequencies for *Croatian Radio Zagreb*, External Service B99, all from Juelich (Germany):

0000-0159	SAM	9925
0200-0359	ENAM	9925 (to be changed to 7280 or 7285 during November)
0400-0559	WNAM	9925 (to be changed to 7285 or 7285 during November)
0600-0759	NZL	11880

0800-0959 AUS 13820  
2100-2159 Af 11605

The use of 7 MHz for broadcasts to the Americas appears to be in violation of ITU regulations, where 7100-7300 kHz is exclusively allocated to the Amateur Service in Region 2 (Americas). Services from or to the Americas usually respect this convention. There are many clear channels in the range 7300 upwards. (BP in EDXP #142, 30 Oct 1999)

New B-99 schedule of Croatian Radio SW.

0500-1830 6165 1000-1830 13830.  
0500-1000 7365 1600-1830 7185.  
0600-1600 9830 1830-2100 13830 (irr). (Observer #62 via WB, 15 Dec 99)

**FRANCE: Radio France Internationale - RFI** schedule B99. Address: 116 avenue du President Kennedy, BP 9516, F-75016 Paris, France. Fax: +33-1-42-3044481 or +33-1-45-303071, web: <http://www.rfi.fr/> E-mail: [english.service@rfi.fr](mailto:english.service@rfi.fr)

NoAF

Ar 0500-0600 3965\* 5925 7135+  
1600-1700 12025 1600-1800 9790 1700-1800 12025+ 7325\*  
E 1600-1700 11615 (eastern part LBY, EGY, SDN)  
F 0400-0500, 2100-2200 3965  
0600-0700 5925\* 7135 9790+ 0700-0800 7135\* 9790 11700  
0800-1600 11845 0800-1900 15300  
1130-1200 6175 15300 Meteo Marine  
1700-1800 12025+ 1600-1700 11700 1800-2100 9790  
2000-2200 6175  
1900-2000\*, 2000-2200 7315  
1800-1900 11615+ 2100-2200 3965

WeAF

E 1200-1300 15540G 1600-1700 11995G  
F 0600-0700 7135\* 9790 9790GUF 11700G 15315G+  
0700-0800 9790\* 11700 15300+ 15315 15605G  
0700-0800+, 0800-1000, 1100-1400 17620  
0800-1800 15300 (1130-1200 Meteo Marine)  
1700-1800+ 17620 0800-1600 21685  
1700-1800\*, 1800-2000 11965  
1800-2200 11955G 1900-2200 9790  
P 1700-1800 15530

CeAF

E 1600-1700 12015G 17850  
F 0300-0400 7135M 0300-0600 9790 0400-0500\* 11700G  
0400-0500 4890G 0400-0500+ 9805G 0400-0500 7135  
0500-0600\* 7135 0500-0600 6175G  
0500-0600, 0600-0700\* 11700  
0500-0600+, 0600-0700, 0700-0800\* 15300  
0600-0700+, 0700-0800, 1000-1100 17850  
0600-0700 7135G 0700-0800 9790G  
0700-0800+, 0800-1600 21580  
1100-1200 21755G 1200-1400 9790G 1500-1600 17850  
1600-1700+ 21580 1800-2200 11705 7160G  
1600-1700\*, 1700-2000 15300 2000-2200 9790  
P 1700-1800 12015G 2000-2100 11965

EaAF& Indian Ocean

E 1600-1700 12015G 1600-1730 15210  
F 0300-0400, 0400-0500\* 11995 0300-0400 7135M 9790  
0400-0500 11910G  
0400-0500+, 0500-0600\* 13610 0600-0600 15155G  
0600-0700 15155  
0600-0700 17800 0900-1300 25820 (!!)  
1500-1600 21620 1500-1700 17605 1700-1900+ 17620  
1700-1900\*, 1900-2000+ 15300 1730-1800 15210  
1900-2000\*, 2000-2200 11995  
P 1700-1800 12015G

NoEaAF

E 1600-1730 11615  
F 0300-0400\* 5915 0400-0500\* 7135 0300-0400+, 0400-0500 9845

	0400-0500+, 0500-0600	11995		0500-0600+, 0600-0700	15135
	0500-0600*	9845	0900-1200	21620	1500-1600 17620
	1730-1800	11615	1800-1900	11995	1900-2200 9845
NE & ME					
E	1400-1500	17560			
F	0300-0400+, 0400-0500, 0500-0600*	9550			
	0300-0400, 0400-0500*	7315			
	0300-0400*	5945	0400-0500	11850G	0400-0600+ 11685
	0500-0600	15605G	0600-0700	15135	1400-1500 17650
	1500-1600	15605			
Pe	1800-1900	7350*	9425	11650+	
Ce&EaEUR					
Alb	0630-0700	6175*	7280	9805+	
E	1200-1300	11670	15155	15195	
F	0430-0500, 0500-0600*	6045			0430-0545 5990
	0500-0600+	7280	0700-0800	9805 11975	
	0700-1130	11670	1000-1100	15155	1800-1900 5900
	1900-2000	3965			
Pol	0545-0600	5990	1700-1800	5900 7135	2200-2300 3965 5915
Rom	1600-1700	9805	2100-2200	5900 7135	
Ru	0400-0430	5990 6045	1400-1430	15155 15605	17610
	1900-2000	5900 7135			
SCr	0600-0630	6175*	7280 9805+		1500-1600 9805 11670
	2000-2100	3965 5900			
EUR & Atlantic North					
F	1100-1200	6175	(1130-1200	Meteo Marine)	
INDIA					
E	1400-1500	11610C	17560	17620	
F	0100-0200	15440*C	17710+C		
	1400-1500	17650	1500-1600	15605	2300-0100 9805
CHN/KRE/KOR					
Ch	0930-1030	9660Y	9810R	1200-1300	7140Y 7430R
	2200-2300	7315R	7430R		
F	1030-1200	7140*Y	9830+Y	2300-0100	12025*R 15535+R
SoEaAS					
E	1400-1500	17620			
F	1030-1200	9830*Y	11890+Y	1100-1200	11600C
	1300-1400	(to SoVTN)	684C	(via Dongfang Hainandao Isl.)	
	1600-1700	6090C	1296C	(to No.VTN/LAO, via Yunnan-CHN)	
	2300-0000	12075*R	17890+R		
	2300-0030	15440*Y	17710+Y	9805	
	2300-0100	12025*R	15535+R		
Khm	1200-1300	11600C	12015R		
Lao	1100-1200	12015R			
Vn	1400-1500	6120*Y	11985+Y		
	1500-1600	1296C	(to NoVTN/Laos, via Yunnan-CHN)		
NoAM					
F	1100-1200	15515*	17610+	(1130-1200	Meteo Marine)
CeAM & Caribbean					
F	1100-1200	11670*GUF	13640GUF	15515+GUF	
	1130-1200	17610*	21645+	(Meteo Marine)	
	1230-1300	15515GUF	1230-1330	17860GUF	1300-1330 21645GUF
	2330-0000	9790			
	0130-0200	9790	9800GUF	11665GUF	
Creo	1330-1400	17860GUF	21645GUF		
Sp	1200-1230	13640GUF	15515GUF		
	1800-1830,	2100-2130	17630GUF	21645GUF	
	2300-2330	9790	11670		
	0100-0130	9790	9800GUF	11665GUF	
SoAM					
F	0900-0930	11670GUF	1030-1100	15435GUF	
	2200-2300,	2330-0000	17620GUF		
	2330-0000,	0130-0200	9800		
	2330-0100,	0200-0230	15200GUF		
P	0930-1000	11670GUF	2030-2100	15200GUF	17620GUF
Sp	1000-1030	11670GUF			
	1400-1430,	1600-1630	17575GUF	21765GUF	



2300-2330 9800 15200GUF 17620GUF  
0100-0130 9800

\* indicates freq used til March 3rd only

+ indicates freq used from March 3rd-25th only

Relays: C=China, G=Gabon, GUF=Fr Guiana, M=Meyerton-AFS, R=RUS,  
Y=Yamata-JPN.

(printed RFI schedule via WB & also via Noel R. Green, in BC-DX 445, Dec 22)

**GABON:** Current B99 frequencies and times of transmissions, all French, of **Africa No. 1**, same as A99: 9580 at 0500-2300, 17630 at 0700-1600 and 15475 at 1600-2100. Email address is africa@africa1.com (Af. No. 1 web page - last updated 13 Dec 99, via JKB)

**GERMANY:** Changes **Deutsche Welle - DW** operational schedule B-99 (version January 1<sup>st</sup>, 2000) of the DW Frequency Management:

DEL: ALBANIAN	2115	2130	1458	FLLAKA	500	004	EUR
ADD: BOSNISCH	1930	2000	9705	SINES	250	065	EUR
DEL: BRAZILIAN	1000	1040	11810	ANTIGUA	250	160	LA
DEL: BRAZILIAN	1000	1040	15205	ANTIGUA	250	160	LA
DEL: BRAZILIAN	1500	1550	17650	ANTIGUA	250	160	LA
DEL: BRAZILIAN	2230	2255	6145	WERTACHTAL	500	240	LA
DEL: BRAZILIAN	2230	2255	9700	WERTACHTAL	500	240	LA
DEL: BRAZILIAN	2230	2255	11820	SINES	250	240	LA
DEL: BRAZILIAN	2230	2255	15105	ANTIGUA	250	160	LA
DEL: BULGARIAN	1030	1150	95700	SOFIA	001	OND	SOFIA
ADD: BULGARIAN	1700	1730	12010	SINES	250	055	EUR
ADD: BULGARIAN	1700	1730	15470	SINES	250	065	EUR
DEL: BULGARIAN	1700	1800	12010	SINES	250	055	EUR
DEL: BULGARIAN	1700	1800	15470	SINES	250	065	EUR
DEL: BULGARIAN	1700	1800	95700	SOFIA	001	OND	SOFIA
ADD: ENGLISH	0100	0145	9765	SACKVILLE	250	268	NAM
DEL: ENGLISH	0400	0445	11785	WERTACHTAL	500	150	AF
DEL: ENGLISH	1300	1329	6140	JUELICH	100	120	EUR
ADD: ENGLISH	1300	1400	6140	JUELICH	100	120	EUR
ADD: ENGLISH	1400	1500	6140	JUELICH	100	120	EUR
ADD: ENGLISH	1500	1600	6140	JUELICH	100	120	EUR
DEL: ENGLISH	1900	1945	11785	WERTACHTAL	500	180	AF
ADD: FRENCH	0500	0515	9565	KIGALI	250	OND	AF
ADD: FRENCH	0500	0515	9615	WERTACHTAL	500	180	AF
ADD: FRENCH	0500	0515	11785	KIGALI	250	180	AF
ADD: GERMAN	0000	0200	15105	KIGALI	250	295	WAF/AM
ADD: GERMAN	0000	0200	15275	KIGALI	250	085	SAS/SEAS
DEL: GERMAN	0000	0200	15275	KIGALI	250	295	WAF/AM
DEL: GERMAN	0000	0200	15370	KIGALI	250	085	SAS/SEAS
DEL: GERMAN	0000	0200	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	0200	0400	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	0300	0400	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	0300	0400	1188	ST.PETERB.	010	OND	PETERSBG
ADD: GERMAN	0400	0555	6075	WERTACHTAL	500	060	EUR
DEL: GERMAN	0400	0600	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	0500	0600	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	0500	0600	1188	ST.PETERB.	010	OND	PETERSBG
DEL: GERMAN	0600	0800	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	0600	0800	1188	ST.PETERB.	010	OND	PETERSBG
DEL: GERMAN	0600	0800	12000	ANTIGUA	250	270	OC
DEL: GERMAN	0630	0800	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	0800	0955	9690	ANTIGUA	250	205	OC
DEL: GERMAN	0800	0955	11865	WERTACHTAL	500	045	GUS
DEL: GERMAN	0800	1000	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	0800	1000	1188	ST.PETERB.	010	OND	PETERSBG
ADD: GERMAN	0800	1000	9690	ANTIGUA	250	205	OC
ADD: GERMAN	0800	1000	11865	WERTACHTAL	500	045	GUS
DEL: GERMAN	0800	1000	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	1000	1030	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	1000	1200	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	1000	1200	1188	ST.PETERB.	010	OND	PETERSBG

DEL: GERMAN	1150	1400	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	1200	1400	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	1200	1400	1188	ST.PETERB.	010	OND	PETERSBG
DEL: GERMAN	1330	1400	6140	JUELICH	100	120	EUR
DEL: GERMAN	1400	1559	6140	JUELICH	100	120	EUR
DEL: GERMAN	1400	1600	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	1400	1600	1188	ST.PETERB.	010	OND	PETERSBG
DEL: GERMAN	1400	1600	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	1500	1600	1512	WOLVERTEM	025	OND	SEUR
DEL: GERMAN	1559	1755	11795	NAUEN	500	095	SAS
ADD: GERMAN	1559	1800	11795	NAUEN	500	095	SAS
DEL: GERMAN	1600	1659	1512	WOLVERTEM	025	OND	SEUR
DEL: GERMAN	1600	1700	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	1755	2000	11795	WERTACHTAL	500	210	WAF/LA
ADD: GERMAN	1759	2000	11795	WERTACHTAL	500	210	WAF/LA
DEL: GERMAN	1800	2000	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	2000	2200	95700	SOFIA	001	OND	SOFIA
ADD: GERMAN	2155	0000	15275	KIGALI	250	085	SAS/SEAS
DEL: GERMAN	2155	0000	15275	KIGALI	250	295	WAF/AM
ADD: GERMAN	2200	0000	15105	KIGALI	250	295	WAF/AM
DEL: GERMAN	2200	0000	15370	KIGALI	250	085	SAS/SEAS
DEL: GERMAN	2200	0000	95700	SOFIA	001	OND	SOFIA
DEL: GERMAN	2200	2300	693	MOSKVA	010	OND	MOSKAU
DEL: GERMAN	2200	2300	1188	ST.PETERB.	010	OND	PETERSBG
DEL: HAUSSA	1800	1900	11785	WERTACHTAL	500	180	AF
DEL: HUNGARIAN	1230	1259	6015	WERTACHTAL	500	105	EUR
DEL: HUNGARIAN	1230	1300	7255	WERTACHTAL	500	105	EUR
DEL: JAPANESE	1230	1259	11850	WERTACHTAL	500	045	FE
DEL: JAPANESE	1230	1300	9555	NOVOSIBIR.	500	085	FE
DEL: JAPANESE	1230	1300	11990	TRINCOMALE	250	060	FE
DEL: JAPANESE	1230	1300	15210	TRINCOMALE	250	045	FE
DEL: KISUAHELI	0300	0400	11785	WERTACHTAL	500	150	AF
ADD: PERSIAN	1000	1030	17810	WERTACHTAL	500	090	ME
ADD: PERSIAN	1000	1030	21695	WERTACHTAL	500	090	ME
ADD: PERSIAN	1000	1030	21780	SAMARA	200	188	ME
DEL: PERSIAN	1000	1050	17810	WERTACHTAL	500	090	ME
DEL: PERSIAN	1000	1050	21695	WERTACHTAL	500	090	ME
DEL: PERSIAN	1000	1050	21780	SAMARA	200	188	ME
DEL: PERSIAN	1800	1850	5935	SAMARA	250	188	ME
DEL: PERSIAN	1800	1850	5965	KRASNODAR	200	147	ME
DEL: PERSIAN	1800	1850	7175	NAUEN	500	090	ME
ADD: PERSIAN	1800	1900	5935	SAMARA	250	188	ME
ADD: PERSIAN	1800	1900	5965	KRASNODAR	200	147	ME
ADD: PERSIAN	1800	1900	7175	NAUEN	500	090	ME
DEL: POLISH	1300	1330	6015	JUELICH	100	070	EUR
ADD: POLISH	1300	1330	7130	JUELICH	100	070	EUR
DEL: POLISH	1730	1759	7240	WERTACHTAL	500	045	EUR
ADD: POLISH	1730	1800	7240	WERTACHTAL	500	045	EUR
DEL: POLISH	2130	2200	7245	SINES	250	055	EUR
DEL: POLISH	2130	2200	9535	SINES	250	032	EUR
DEL: PORTUGESE	0500	0515	9565	KIGALI	250	OND	AF
DEL: PORTUGESE	0500	0515	9615	WERTACHTAL	500	180	AF
DEL: PORTUGESE	0500	0515	11785	KIGALI	250	180	AF
DEL: PORTUGESE	2000	2050	15390	WERTACHTAL	500	165	AF
ADD: RUMANIAN	2000	2030	6000	SAMARA	200	246	EUR
ADD: RUMANIAN	2000	2030	9615	SINES	250	065	EUR
DEL: RUMANIAN	2000	2100	6000	SAMARA	200	246	EUR
DEL: RUMANIAN	2000	2100	9615	SINES	250	065	EUR
DEL: RUSSIAN	0400	0500	693	MOSKVA	010	OND	MOSKAU
DEL: RUSSIAN	0400	0500	1188	ST.PETERB.	010	OND	PETERSBG
DEL: RUSSIAN	0530	0630	999	GRIGORIOPO	500	OND	GUS
DEL: RUSSIAN	1600	1700	999	GRIGORIOPO	500	OND	GUS
DEL: RUSSIAN	1600	2200	693	MOSKVA	010	OND	MOSKAU
DEL: RUSSIAN	1600	2200	1188	ST.PETERB.	010	OND	PETERSBG
DEL: RUSSIAN	1900	2000	999	GRIGORIOPO	500	OND	GUS
DEL: SERBIAN	2100	2115	1458	FLLAKA	500	004	EUR
DEL: SPANISH	0200	0250	6045	WERTACHTAL	500	285	CAM

DEL: SPANISH	0200	0250	9640	SINES	250	250	LA
DEL: SPANISH	0200	0250	11795	KIGALI	250	295	CAM
DEL: SPANISH	0200	0250	11810	ANTIGUA	250	270	CAM
DEL: SPANISH	1100	1130	11795	ANTIGUA	250	205	LA
DEL: SPANISH	1100	1130	15205	ANTIGUA	250	160	LA
DEL: SPANISH	2300	0050	6145	WERTACHTAL	500	285	CAM
DEL: SPANISH	2300	0050	9640	NAUEN	500	240	LA
DEL: SPANISH	2300	0050	9700	WERTACHTAL	500	240	LA
DEL: SPANISH	2300	0050	11820	SINES	250	225	LA
DEL: SPANISH	2300	0050	15105	ANTIGUA	250	160	LA
DEL: TURKISH	1700	1750	1170	KRASNODAR	600	210	SEUR/ME

(DW01 via Andreas Volk via WB, Jan 01)

**GREECE:** The *Voice of Greece and Radio Station Macedonia* frequencies from the ERT5 printed schedule for B-99. Program schedules in Greek and by monitoring put together this schedule of VOG in English [precise times for English segments are not given by VOG itself]:

ERA-5 - THE VOICE OF GREECE TRANSMITTER SITES:

AVLIDA (Avlis)	23.36E/38.23N	SW: 2x100 KW
	3 SERIES OF CURTAINS; 2 LOG PERIODICS 0-360 DEG.	
DELANO, USA	119.17W/35.45N	SW: 1x250 KW
GREENVILLE, USA	77.25W/35.35N	SW: 1x250/500 KW
KAVALA	24.50E/40.53N	SW: 2x250 KW      MW: 1x500 kW

DIPOLE CURTAIN ANTENNAS

MAILING ADDRESS:

ERA-5, VOICE OF GREECE  
 GENERAL DIRECTORATE  
 OF TECHNICAL SERVICES  
 c/o S. Kalaitzis, D. Angelogiannis  
 402 MESSOGION AVENUE  
 15342 ATHENS, GREECE  
 PHONE: 30 (01) 6014700  
 FAX: 30 (01) 6009608  
 WWW: <http://ert.ntua.gr/era5>  
 E-MAIL: [skalai@leon.nrcps.ariadne-t.gr](mailto:skalai@leon.nrcps.ariadne-t.gr)

ERA-5 FREQUENCY SCHEDULE

NEWS IN ENGLISH (Mon thru Fri)  
 0300-0310 \*7450 \*9420 \*9375 \*12105  
 0610-0615 9420 15630 11645 7475  
 1430-1440 9425 \*15630  
 NEWS IN ENGLISH (Sat and Sun)  
 1410-1420 9425 \*15630  
 NEWS IN ENGLISH (Every Day)  
 0750-0800 \*\*9775  
 1800-1815 9425 7450 \*\*17705 \*\*17565  
 1840-1850 12105 15630  
 1900-1910 9375 7475  
 LEARN GREEK (Mathete Ellinika) Fri:  
 1325-1340 \*15630  
 LEARN GREEK (Mathete Ellinika) Sat:  
 0740-0800 9420 15630 11645 7475  
 HELLENES AROUND THE WORLD Sat:  
 1900-1950 9425 7450 \*\*17705 \*\*17565  
 MUSICAL BROADCAST IN ENGLISH Sun:  
 1900-2000 9425 7450 \*\*17705 \*\*17565  
 2110-2210 11645 9425  
 \* frequency to NAM  
 \*\* from VOA USA relay (John Babbis via GH DX-Report #99-96, Dec 2)

**GUAM (USA):** Frequency schedule fall/winter October 31, 1999 - March 27, 2000 of *KTWR - Guam*, Christian evangelical broadcaster with its headquarters in North Carolina, USA. Address: Trans World Radio, Box CC, Agana, Guam 96932, USA. Fax: +1-671-477-2838 and email [ktwrfreq@twr.hafa.net.gu](mailto:ktwrfreq@twr.hafa.net.gu)

0730-0915	Sat-Sun	English	15200	Southeast Asia
0740-0915	Mon-Fri	English	15200	Southeast Asia
0800-0930	Daily	English	15330	South Pacific

0915-0930	Daily	Madurese	15200	Indonesia
0915-0930	Fri-Tue	Balinese	15270	Indonesia
0915-0930	Wed-Thu	Torajanese	15270	Indonesia
0920-1100	Daily	Mandarin	9540	China
0920-1130	Daily	Mandarin	11670	China
0930-1000	Mon-Fri	Pidgin	15330	South Pacific
0930-1100	Daily	English	9865	Northeast Asia
0930-1100	Daily	Indonesian	15200	Indonesia
1100-1130	Daily	Mandarin	9555	China
1100-1230	Daily	Indonesian	15165	Indonesia
1130-1200	Daily	Vietnamese	9430	Vietnam
1130-1400	Daily	Mandarin	9590	China
1130-1515	Daily	Mandarin	9820	China
1200-1300	Daily	Japanese	9465	Japan
1230-1400	Daily	Hakka	15290	China
1300-1330	Daily	Mandarin	9870	China
1300-1330	Daily	Mandarin	11610	China
1300-1345	Mon-Fri	Burmese	13685	Myanmar
1300-1400	Sat-Sun	Burmese	13685	Myanmar
1330-1345	Mon-Tue	Assamese	15595	South Asia
1330-1345	Wed-Sun	Boro	15595	South Asia
1330-1400	Daily	Swatow	9870	China
1345-1400	Daily	Santali	15595	South Asia
1400-1415	Sat	Cantonese	9870	China
1400-1445	Mon-Fri	Cantonese	9870	China
1400-1500	Sun	Cantonese	9870	China
1400-1515	Daily	Mandarin	9545	China
1430-1500	Daily	Vietnamese	9430	Vietnam
1430-1600	Mon-Fri	English	15330	South Asia
1430-1630	Sat-Sun	English	15330	South Asia
2100-2200	Daily	Indonesian	11810	Indonesia
2100-2200	Daily	Japanese	11690	Japan
2100-2200	Daily	Korean	9465	Korea
2200-2215	Sat	Cantonese	11875	China
2200-2230	Daily	Indonesian	15195	Indonesia
2200-2245	Mon-Fri	Cantonese	11875	China
2200-2300	Sun	Cantonese	11875	China
2200-2315	Daily	Mandarin	11995	China (TWR website via JKB, 3 Dec 99)

**INDIA: All India Radio - AIR**, official (final) schedule for 90 mb:

3223 Shimla	0045-0200	
	1300-1745	
3315 Bhopal	0025-0215	
	1130-1740	
3345 Jaipur	0025-0215	
	1430-1740	
3365 Delhi	1230-1400	
	1400-1410 Punjabi news service	
	1410-1840	
3390 Gangtok	0100-0400	
	1130-1600 (BP in EDXP #148, 10 Dec 99)	

**ITALY:** Schedule B99 Version02, Subversion 0 from **RAI International** valid until 26 March 00. Postal address RADIO ROMA - RAI International - Casella Postale 320 - 00100 ROMA.

Technical Schedule:																
FREQ	STRT	STOP	CIRAF	ZONES	LOC	POWR	AZIMUTH	DAYS	6110	1815	1905	28E	ROM	100	52	1234567
					ROM	100	320	1234567	6110	1910	1955	28E	ROM	100	52	1234567
5970	1930	1955	27		ROM	100	330	1234567	6110	2115	2225	28E	ROM	100	52	1234567
5970	2000	2020	18,27		ROM	100	330	1234567	6125	2000	2020	29	ROM	100	50	1234567
5975	0330	0410	29		ROM	100	50	1234567	7120	0415	0440	28S,37	ROM	100	235	1234567
5975	0415	0440	28S,37N		ROM	100	235	1234567	7125	2115	2225	28E	ROM	100	52	1234567
5975	0445	0505	29		ROM	100	50	1234567	7130	0445	0505	29	ROM	100	52	1234567
5975	0505	0530	28SE		ROM	100	60	1234567	7130	0505	0530	28E	ROM	100	52	1234567
5990	1800	1825	28		ROM	100	330	1234567	7135	1800	1825	28	ROM	100	330	1234567
6010	2230	0325	4-9		ROM	100	310	1234567	7150	0600	0730	27,28,37,38	ROM	100	0	234567
6035	2025	2050	37		ROM	100	235	1234567	7175	0500	2300	28S	CLS	5	0	1234567
6035	2050	2135	37		ROM	100	235	1234567	7190	2000	2020	29	ROM	100	52	1234567
6035	2135	2155	38		ROM	100	135	1234567	7220	2025	2045	38,39	ROM	100	135	1234567
6060	0500	2300	27,28,37-39		CLS	25	0	1234567	7235	0330	0410	29	ROM	100	52	1234567
6060	2300	0500	27,28,37-39		ROM	100	0	1234567	7240	1530	1625	27,28	ROM	100	330	1234567
6110	0130	0230	13-15		ASC	250	235	1234567	7240	1815	1905	28E	ROM	100	52	1234567



Israel Radio International, PO Box 1082, Jerusalem 91010, Israel. Fax: +972-2-302327.  
KOL website: <http://www.israelradio.org/>

Hebrew (Reshet Bet - Second Network, includes TV news 1900-1950)

2300-0600	7545	Europe + N. America	Spanish (REQA)		
0430-0600	11590	Europe + N. America	1735-1745	15650	Spain + Latin America
0500-1855	15615	Europe + N. America	(Hei)		
0600-1855	17545	Europe + N. America	2045-2100	7510	Spain (new)
1700-1900	11590	Europe + N. America		9435	Spain
1900-0430	11585	Europe + N. America		11605	Spain
1900-1945	15650	S. Europe + C. America		15640	Spain + Latin America
1900-2300	13800	Europe + N. America		15650	Spain + Latin America
1900-0400	9390/9385	Europe + N.Am.(ex	Spanish & Ladino,		Saturday only (Hei)
9393)				15640	Spain + Latin America
2100-2215	15640	South America		17535	Spain + Latin America
Arabic (Reshet Dalet - Fourth Network)				17705	Spain + Latin America
0400-2215	5915	Middle East	Ladino (REQA)		
0400-2215	9815	Middle East	1745-1800	15650	Mediterranean
0630-1500	15480	Middle East	Moghrabi (REQA)		
1600-2215	15480	Middle East	1735-1745	15650	North Africa
English (Alef)			Russian (REQA)		
0500-0515	9435	Europe + N. America	1830-2000	9435	Russia
	11605	Europe + N. America		11605	Russia
	17710	Australasia +	Persian (Hei)		
America			1500-1625	Sun-Thursday	
(REQA)			1500-1600	Fri-Sat	
1130-1135	15640	Europe + N. America		13850	Iran
	17535	Europe + N. America		15640	Iran
(Alef)				17705	Europe + North America
1500-1530	15650	Europe + N. America	Yiddish (REQA)		
	17535	Europe + N. America	1700-1725	9435	Europe
(Hei)				11605	Europe
2000-2025	7510	Europe + N. America (new)		15640	Europe
	9435	Europe + N. America		15650	Europe + N.America
	11605	Europe + N. America	(Hei)		
	15650	Europe + N. America	1800-1825	9435	Europe
	15640	Africa		11605	Europe
French (REQA)				15640	Europe + N.America
0600-0615	11605	Europe + N. America	Hungarian (Hei)		
	15640	Europe + N. America	1745-1800	9435	Central Europe
(REQA)				11605	Central Europe
1100-1130	15640	Europe + N. America		15640	Central Europe
	17535	Europe + N. America	Bukharian (REQA)		
(Hei)			1300-1315	17535	Central Asia
1630-1655	11605	Europe + N. America		15640	Central Asia
	15650	S.Europe and Latin America	Georgian (REQA)		
	17535	Europe + N. America	1315-1330	17535	Georgia
(Hei)				15640	Georgia
2030-2045	7510	Europe + N. America (new)	Romanian (Hei)		
	9435	Europe + N. America	1725-1745	9435	Romania
	11605	Europe + N. America		11605	Romania
	15640	Latin America		15640	Romania
	15650	Europe + N.America			

(KOL Israel website - last updated 12/18/99, via JKB)

**KOREA (NORTH):** *Radio Pyongyang* has made substantial frequency changes - here is the latest schedule updated to Dec-01:

0700-0800	Japanese	9650	7580	6070	3250
0800-0900	Chinese	9345	7145	6100	4405
	Japanese	9650	7580	6070	3250
	Korean/Russian	13790	11710	9975	6575 3560
0900-1000	Japanese	9650	7580	6070	3250
	Korean	9345	7145	6100	4405
	Russian	9975	6575	3560	
1100-1200	Chinese	13650	11335	9975	9850 9640 3560
	Japanese	7580	6520	6070	3250
	Korean	9345	7145	4405	
1200-1300	Chinese	9345	7145	4405	
	English	13650	11335	9975	9850 9640 3560
	Japanese	7580	6520	6070	3250

1300-1400	Japanese	7580 6520 6070 3250
	Korean	9345 7145 4405
	Spanish	13650 11335 9975 9850 9640 3560
1400-1450	Korean	13650 11335 9975 9850 9640 3560
1500-1600	Arabic	9975 9600 6520 3560
	English	13760 11710 9335 6575 4405
	Russian	9325 7505
1600-1700	English	9975 9600 6520 3560
	French	13650 11710 9335 6575 4405
	German	9325 7505
1700-1800	Korean	13760 11710 9335 6575 4405
	Korean/Russian	9975 9600 6520 3560
	Russian	9325 7505
1800-1900	Arabic	9975 9600 6520 3560
	German	9325 7505
	Spanish	13760 11710 9335 6575 4405
1900-2000	English	13760 11710 9335 6575 4405
	French	9975 9600 6520 3560
	Russian	9325 7505
2000-2050	Korean	13760 11710 9975 9600 9335 9325 7505 6575 6520 4405 3560
2100-2200	Chinese	9975 9345 7145 3560
	Japanese	7580 6520 3250
	Spanish	9335 7505 6575 4405
2200-2300	Chinese	9975 9345 7145 3560
	French	9335 7505 6575 4405
	Japanese	7580 6520 3250
2300-2350	Korean	11735 9975 9345 7145 3560
0000-0100	Chinese	13650 11845
	English	15180 13760 11710 4405
	French	17735 15230 11735 3560
0100-0200	English	17735 15230 11735 3560
	French	13650 11845
	Spanish	15180 13760 11710 4405
0200-0300	English	13650 11845
	French	15180 13760 11710 4405
	Spanish	17735 15230 11735 3560

(Shigenori Aoki via EDXP #147, 2 Dec 99)

**KOREA (SOUTH):** *Radio Korea International - RKI* broadcasts in 10 different languages on a total of 24 frequencies targeting 9 directions : Europe, North America, South America, Southeast Asia, Middle East & Africa, Australia, China, Japan and Non Direction. Latest B99 schedule:

Languages	UTC	KHz	News Service	1100-1130	6145, 9650
<u>Europe:</u>			English 1	0200-0300	15575
Korean 1	0900-1100	13670	English 2	1130-1200	9650
	1700-1900	7550, 15575	Spanish	0100-0200	15575
Korean 2	0700-0800	9535, 7550	<u>South America:</u>		
Russian	1600-1700	15575	Korean 2	0100-0200	11725
	1900-2000	7105		0300-0400	11725, 11810
Arabic	1600-1700	7275, 7550		0900-1000	7550
	1900-2000	6480, 7550,	Korean News		
		15575	Service	1100-1130	9580
English 1	0800-0900	13670	English 1	0200-0300	11725, 11810
	1900-2000	7275	Spanish 1	0100-0200	11810
	2100-2200	15575		1000-1100	7550, 9580
English 2	2100-2130	6480	Spanish 2	1000-1030	11715
	2200-2230	3980	<u>Southeast Asia:</u>		
French	1700-1800	7275	Korean 2	2100-2200	9640
	2100-2200	3980	English 1	1300-1400	9570, 13670
German	1800-1900	7275, 6480	Chinese	2200-2300	9640
	2000-2100	3980, 7550,	Indonesian	1200-1300	9570, 13670
		15575		1400-1500	9570, 13670
Spanish	1600-1700	6150		2300-2400	9640
	2000-2100	6480, 7275	<u>Middle East &amp; Africa:</u>		
<u>North America:</u>			English 1	1600-1700	9515, 9870
Korean 1	2300-0100	15575	French	1700-1800	9515, 9870
Korean 2	0300-0400	15575		1900-2000	9870
Korean			Spanish 1	1800-1900	9515, 9870

Arabic	2000-2100	9870		1200-1300	5975, 6135, 1170
	1900-2000	9515			
	2100-2200	9870		1400-1500	5975, 7275
Russian	1500-1600	9515			
<u>Australia:</u>			<u>Non Direction:</u>		
Korean 1	0900-1100	9570	Korean 1	0900-1100	5975, 7275
Korean 2	0700-0800	9570		1700-1900	5975
English	0800-0900	9570	Korean 2	2300-0100	5975
<u>China:</u>				1000-1100	1170
Korean 2	0100-0200	7275		2100-2200	5975
	0300-0400	7275	Korean News		
	1200-1300	7285	Service	1100-1130	9640
English 1	0200-0300	7275	English	1300-1400	9640
Chinese	1130-1230	6065		1600-1700	5975
	1300-1400	7285	Indonesian	1900-2000	5975
	2200-2300	7275	Chinese	1200-1300	9640
Indonesian	2300-2400	7275		1300-1400	5975, 6135, 1170
<u>Japan:</u>				2200-2300	5975
Japanese	0000-0100	11810	Russian	1100-1200	5975, 6135, 7275, 1170
	0800-0900	5975, 7275, 9640		2000-2100	5975

(RKI website via JKB, 3 Dec 99)

**LITHUANIA:** *Lithuanian Radio* changes on 612 khz in Vilnius. As of January 1, 2000, Program 2 of Lietuvos Radijas will change frequency at its Vilnius site: instead of 612 kHz, 1107 kHz will be used with 25 kW of power. There are intentions to make the same change at the Klaipéda site, but no concrete decisions have been made so far. Vilnius 612 kHz (with 50 kW of power) will be used in the very near future for relays of Radio Polonia's broadcasts in Belarusian daily 1730-1755 UTC. It is highly possible that this will start January 1, 2000 as well. Later in January or February, relays of RFE-RL broadcasts in Belarusian are to be added, as well as relays of Radio Racja, a Belarusian station based in Bialystok, Poland. These relays will be made by a new Lithuanian broadcaster Radio Baltic Waves, which was licensed in August 1999 to use Vilnius 612 kHz throughout the year 2000. Radio Baltic Waves plans to add its own programming later in the year 2000, depending upon financing from western free speech and human rights foundations. (Sigitas Zilionis, 29 Dec 99)

**MOLDOVA:** *Radio Moldova International* schedule valid to 25 March 2000, transmitter located in Romania, Bacau Galbeni.

0300-0325 9590 Sp  
 0330-0400 7500 Rom.  
 0400-0425 7520 R  
 0430-0455 7500 E  
 1200-1225 15315 Sp  
 1230-1325 11580 Rom., 1300 E  
 1900-1925 6135 R  
 2000-2255 7520 F, :30 Sp, 2100 F, :30 E, 2200 Sp, :30 E

(Ruben Guillermo Margenet, Alan Roe via Glenn Hauser 6., all via HJB in ntt aktuell - Jan 2000)

**PAKISTAN:** *Radio Pakistan* has shifted their Urdu/E WS to WeEUR 0800-1104 5 kHz up to 21460 to avoid HCJB. Their USB signal was causing QRM - from 1000 some days. (Noel R. Green via BC-DX #441, Nov 30)

Frequency changes of Radio Pakistan from Dec 5:

0800-1105 Ur NF21460v (x21455v), //17835v.  
 1600-1615 En addit 7310v //11570v, 15100v, 17510v.  
 1700-1730 Turkish NF 9420, NF 11645 (x9430,x11640).  
 1700-1900 Ur NF9395v (x15335), //11570v.  
 1800-1845 Arabic NF 9330, NF 11645 (x15735,x11640).  
 1930-2000 French NF 9395v (x15335) //11570v. (Observer #63 via WB, 25 Dec 99)

**PHILIPPINES:** In order to avoid interference from adjacent channel *Radio Veritas* Asia has changed some of their evening channels to SoAS. 9520 1330-1355 Sinh (x9660). 9670 1400-1425 Beng (x9680). 9675 1330-1355 Hi (x9680). (Alok Dasgupta via BC-DX #441, Nov 26)



**RUSSIA:** Latest information about Radiostation "*Tikhiy Okean*".

0130-0215 on 21750 kHz (Irkutsk, 500 kW, 152 deg.)  
 0815-0900 on 7175 kHz (Khabarovsk, 100 kW, 38 deg.)  
     7210 kHz (Khabarovsk, 100 kW, 20 deg.)  
     7490 kHz (usb) (Khabarovsk, 80 kW, 64 deg.)  
     10344 kHz (usb) (Irkutsk, 250 kW, 83 deg.)  
     12045 kHz (Komsomolsk-na-Amure) (200 kW, 213 deg.)  
     17675 kHz (Irkutsk, 500 kW, 152 deg.)  
 1900-1945 on 7345 kHz (Khabarovsk, 100 kW, 38 deg.)  
     9885 kHz (Vladivostok, 200 kW, 90 deg.)  
     9900 kHz (Irkutsk, 500 kW, 152 deg.)  
 (Nikolay Rudnev in RUS-DX #78-B, Jan 2000)

**Russian short wave transmitters.**

TCRR-6 (Vladivostok)	12055 0900-0945 250 110 deg. DW
kHz UTC kW Azimut Radiostation	12065 0930-1125 250 150 deg. RNW
4010 1000-1500 100 210 deg. VOR	17570 0600-0800 500 130 deg. VOR
5905 1100-1300 100 270 deg. VOR	17570 0815-0900 500 150 deg. Tikhiy Okean
7170 1300-1500 500 230 deg. VOR	21750 0130-0215 500 150 deg. Tikhiy Okean
7205 1200-1500 500 230 deg. VOR	21790 0600-0900 250 150 deg. VOR
7315 2200-2300 500 230 deg. RFI	
7400 1000-1200 500 230 deg. VOR	CRR-11 (Novosibirsk)
11695 1000-1100 500 230 deg. BBC	kHz UTC kW Azimut Radiostation
12075 2300-2400 500 230 deg. RFI	5925 2200-2400 500 085 deg. DW
15600 0000-0100 200 320 deg. DW	6205 1400-1500 200 110 deg. VOR
17660 0200-0600 500 050 deg. VOR	7305 1000-1200 500 085 deg. VOR
	7305 1230-1300 500 085 deg. DW
CRR-8 (Komsomolsk-na-Amure + Khabarovsk)	7305 1330-1355 200 110 deg. DW
kHz UTC kW Azimut Radiostation	7315 1000-1400 200 110 deg. DW
6145 1100-1500 100 220 deg. VOR	7375 2200-2400 500 135 deg. DW
6205 2200-2245 120 220 deg. Radio Vaticana	7390 1000-1050 200 110 deg. DW
7135 2190-1945 200 230 deg. Tikhiy Okean	7390 1300-1500 200 110 deg. VOA
7155 1200-1500 250 180 deg. VOR	7400 1330-1600 500 180 deg. VOR
7175 1900-1945 100 040 deg. Tikhiy Okean	7430 2200-2300 200 110 deg. RFI
7210 2000-1600 100 020 deg. Radio Rossii + Tikhiy Okean	7430 1200-1300 500 125 deg. RFI
7490 0815-0900 080 065 deg. Tikhiy Okean	9480 1100-1200 200 110 deg. VOR
9450 1100-1500 100 220 deg. VOR	15490 1000-1400 500 145 deg. DW
9885 1900-1945 200 090 deg. Tikhiy Okean	
9895 0815-0900 200 180 deg. Tikhiy Okean	TCRR-12 (Chita)
9905 0830-1000 100 165 deg. VOR	kHz UTC kW Azimut Radiostation
12010 0200-0600 100 040 deg. VOR	7330 2200-2300 500 200 deg. BBC
12045 0815-0900 200 210 deg. Tikhiy Okean	7330 1300-1530 500 200 deg. BBC
13800 0200-0400 100 040 deg. VOR	7360 2300-2330 500 195 deg. RCI
13820 1030-1125 100 220 deg. RNW	9470 1200-1300 500 195 deg. VOR
15460 0600-1000 100 170 deg. VOR	9775 1500-2000 500 240 deg. VOR
15470 0200-0600 250 035 deg. VOR	17580 0600-0900 500 195 deg. VOR
15470 0630-1000 250 180 deg. VOR	
15525 0600-0800 100 165 deg. VOR	Petropavlovsk-Kamchatskiy Radio Centre
17570 2330-0025 100 220 deg. RNW	kHz UTC kW Azimut Radiostation
17570 0500-0600 120 175 deg. VOMediterranean	5895 1000-1050 200 265 deg. DW
	5895 1200-1300 200 265 deg. China Radio (Religious
CRR-10 (Irkutsk)	broadcasting)
kHz UTC kW Azimut Radiostation	5895 1330-1355 200 265 deg. DW
7135 1200-1500 250 125 deg. VOR	5930 1330-1425 100 245 deg. RNW
7290 2000-2300 100 065 deg. Radio Rossii	5940 1000-1300 100 245 deg. VOR
7355 1000-1400 250 110 deg. VOR	5940 1315-1345 100 245 deg. Radio Vaticana
7365 2200-2300 250 110 deg. VOA	7260 0930-1125 250 245 deg. RNW
7385 2200-2300 100 065 deg. RCI	7340 1000-1400 250 245 deg. DW
7395 2000-2200 100 085 deg. DW	7355 2000-2100 100 245 deg. px Kamchatka Rybatskaya
7420 1130-1600 250 225 deg. TWR	7375 1330-1425 250 245 deg. RNW
7440 0730-1600 100 065 deg. Radio Rossii	9865 1200-1230 250 245 deg. RVI
9700 2330-0700 100 065 deg. Radio Rossii	12020 0200-0600 200 065 deg. VOR
9810 0930-1030 500 150 deg. RFI	12045 0000-0100 250 265 deg. DW
9825 0030-0200 250 225 deg. TWR	12065 2130-2200 250 245 deg. VOA
9900 1000-1400 250 110 deg. DW	12065 2000-2100 250 065 deg. px Kamchatka Rybatskaya
9900 1900-1945 500 150 deg. Tikhiy Okean	13665 0200-0400 250 065 deg. VOR
10344 usb 0815-0900 250 085 deg. Tikhiy Okean	13665 0400-0500 250 065 deg. VOV
12015 1100-1300 500 180 deg. RFI	15525 0200-0400 100 065 deg. VOR
12025 2300-0100 500 180 deg. RFI	
12055 1000-1100 250 110 deg. VOR	

15595 0200-0600 100 065 deg. VOR

17595 0200-0600 250 065 deg. VOR

(Nikolai Rudnev - Belgorodskaya oblast &amp; Pavel Mikhaylov in RUS-DX #77C, Dec 99)

**Voice of Russia**, schedule from their web-site:

ALBANIAN  
1600-1630 9775\*, 9450\*\*, 7370, 7330\*\*, 7300  
2140-2200 7320, 6205, 621  
2330-2400 1548

ARABIC  
1700-1800 12055\*\*, 12040\*, 11695\*, 9975, 9865, 9840, 7130, 6005, 5925, 1314, 1089  
1800-1900 15540\*, 12040\*, 9975, 9865, 9840\*\*, 7445\*\*, 7130, 5925, 1314, 1170  
1900-2000 15540\*, 12040\*, 9975, 9865, 9840\*\*, 7445\*\*, 7130, 5935, 5925, 1314, 1089

BENGLALI  
1530-1600 17610\*, 15535\*, 15480\*, 12055\*\*, 12025\*, 11655\*\*, 9480\*\*, 7400\*\*, 7305

BULGARIAN  
1800-1900 9675, 9470\*, 7420\*\*, 7330, 7300, 6000\*\*, 621

CHINESE  
1100-1200 15460\*, 12055\*, 9875\*, 9480, 9450\*\*, 7400\*\*, 7355\*\*, 7340\*, 7330\*, 7305\*\*, 6145, 5940, 5905\*\*, 4010, 1251, 801, 585  
1200-1300 11640\*, 9875\*, 9480\*, 9450\*\*, 7205\*\*, 6145, 5905\*\*, 1251, 585  
1300-1400 11640\*, 9480\*, 9450\*\*, 7205\*\*, 6145\*\*, 4010, 1251, 1080, 801, 585  
1400-1500 11640\*, 9890\*, 9480\*, 9450\*\*, 7205\*\*, 7135, 6205\*\*, 6145, 4010, 1251, 1080, 801, 648, 585

CZECH  
1845-1930 7or9? 455, 12030\*, 7380\*\*, 7310\*\*, 5975

DARI  
1400-1500 15535\*, 15460, 9480\*\*, 4975, 4965, 4940, 972, 648

ENGLISH to Europe  
0400-1000 693  
0600-1000 1323  
1500-1600 9480\*, 1386, 1323, 1215, 693  
1800-1900 12010\*, 9890, 9795\*, 9480\*\*, 9340\*\*, 7310\*, 5965, 5940\*\*, 1494  
1900-2000 12010\*, 9890, 9795\*, 9480\*\*, 7420\*, 7340\*\*, 7310\*, 7205\*\*, 5965, 5940\*\*, 5920, 1494, 1143  
2000-2100 12070\*, 12010\*, 9890, 9795\*, 9480\*\*, 7340\*\*, 7310\*, 5965, 5940\*\*, 1494, 1386  
2000-2020 7320, 6205, 621  
2100-2200 12070\*, 12010\*, 9890, 7360\*, 7340\*\*, 7310\*, 7300\*\*, 5965, 5940\*\*, 1494, 1386, 1323

ENGLISH to North America  
0200-0300 17595\*, 15470, 13665\*\*, 12020, 7180  
0300-0400 17595\*, 15470, 13665\*\*, 12020, 7250\*, 7180, 5490\*\*  
0400-0500 17660, 17630\*, 17595\*\*, 15595, 15470, 12020, 12010\*\*, 12000\*, 7180, 7125, 1548  
0400-0500 17660, 17630\*, 7595\*\*, 15595, 15470, 12020, 12010\*\*, 12000\*, 7180, 7125, 1548

ENGLISH to Africa  
1800-1900 11510  
1900-2000 11510, 9875\*\*, 9830, 9475\*, 7420\*, 7205\*\*

ENGLISH to Middle East  
1500-1600 648  
1600-1700 12055\*\*, 11695\*, 4975, 4965, 4940, 1251; 1170 and 1089 (Mon.,Sun.)

ENGLISH to Asia  
0500-0600 7570  
1500-1600 15550\*, 11695, 11500, 9875\*\*, 9800\*\*, 9475\*  
1600-1700 7305  
1700-1800 1269

ENGLISH to Africa  
1800-1900 11510  
1900-2000 11510, 9875\*\*, 9830, 9475\*, 7420\*, 7205\*\*

ENGLISH to Australia, New Zealand  
0600-0700 21790, 17665\*, 17570, 15525, 15470\*\*, 15460  
0700-0800 21790, 17665\*, 17570, 17495, 15525, 15470\*\*, 15460  
0800-0900 21790, 17665\*, 17495, 15470\*\*, 15460, 9905  
0900-1000 17665\*, 17495, 15470\*\*, 15460, 9905

FINNISH (Tue.,Fri.)  
1800-1830 12010\*, 5965, 5940\*\*, 1494

FRENCH to Africa  
1700-1800 11510, 9875\*\*, 9830, 9475\*, 9450\*, 6130\*\*  
1800-1900 15535\*, 9875\*\*, 9830, 9475\*, 9470\*\*, 9450\*, 6130\*\*  
1900-2100 15535\*, 9470\*\*, 9450\*, 7370, 6130\*\*

FRENCH to Europe  
1700-1800 12020\*, 11630\*, 9820\*, 9775\*\*, 9710\*, 9490\*\*, 9450\*, 7360\*\*, 6130\*\*, 6030\*\*

1800-1900 15535\*, 12020\*, 12000\*, 9775\*\*, 9470\*\*, 9450\*, 7380\*, 7360\*\*, 7290\*\*, 6130\*\*, 6030\*\*  
1900-2000 15535\*, 12020\*, 12000\*, 9775\*\*, 9470\*\*, 9450\*, 7380\*, 7360\*\*, 7290\*\*, 6130\*\*, 6030\*\*  
2000-2100 15535\*, 12020\*, 12000\*, 9775\*\*, 9450\*, 7380\*, 7360, 7300\*\*, 7290\*\*, 6130\*\*, 1323  
2100-2120 7320, 6205, 621

GERMAN  
1000-1100 17660, 15540, 12010, 1386, 1323, 1215, 693  
1100-1300 1386, 1323, 1215, 693  
1600-1700 11930\*, 9905\*\*, 9710\*, 9480\*, 7440\*\*, 7390, 7380\*\*, 7360\*, 7300\*\*, 6030\*\*, 5950, 5920, 1386, 1323, 1215, 693  
1700-1800 12070\*, 11930\*, 9905\*\*, 9795\*, 9480\*\*, 7440\*, 7390, 7360\*, 7340\*\*, 7310\*, 7300\*\*, 7215\*\*, 5950, 5920, 1386, 1323, 1215, 1143, 693  
1800-1900 9480\*, 7390, 7360\*, 7300\*\*, 5950, 1386, 1323, 1215; 693 (except Tue,Sat)  
1900-2000 9480\*, 7440\*, 7390\*\*, 7360\*, 7300\*\*, 7215\*\*, 5950, 1386, 1323, 1215, 693  
2040-2100 7320, 6205, 621  
2200-2245 Wed.-Sun., 1386, 1323  
GREEK no information still

HINDI  
1300-1400 17675\*, 17610\*, 15560\*, 15550\*, 15535, 15480\*, 15460, 12055\*\*, 12045\*\*, 12025\*, 11655\*\*, 11500, 9800\*\*, 9480\*\*, 7400\*\*, 1269, 972  
1500-1530 17610\*, 15535\*, 15480, 12055\*\*, 12025\*, 11655\*\*, 9480\*\*, 7400\*\*, 7305, 972

HUNGARIAN  
1800-1845 15455\*, 12030\*, 7380\*\*, 7310\*\*, 5975

ITALIAN  
1700-18.00 no information still

JAPANESE  
1200-1300 7400\*, 7355\*, 7340\*, 7155\*\*, 5940, 720, 630  
1300-1400 7355\*\*, 7340\*, 7135, 5905, 720, 630

KOREAN  
1000-1100 15470\*, 12055, 7400\*\*, 7355\*\*, 7340\*, 7330\*, 7305\*\*, 5940, 4010, 1251, 648  
1200-1300 7135, 4010, 648

MONGOLIAN  
1230-1330 1080, 801

NORWEGIAN (Tue.)  
1830-1900 12010\*, 5965, 5940\*\*, 1494

PASHTO  
1400-1500 15535\*, 15460, 9480\*\*, 4975, 4965, 4940, 972, 648

PERSIAN  
1600-1700 9975, 9840, 5935, 5925, 648

POLISH  
1800-1900 11930\*, 9905\*\*, 7440\*, 7215\*\*, 1143

PORTUGUESE to Latin America  
0000-0100 12030\*, 12010\*, 9965, 9810\*\*, 9470, 9450, 7440, 7390\*\*, 7330, 7310

ROMANIAN  
1700-1800 15455\*, 9675, 9470\*, 7420\*\*, 7380\*\*, 7330\*, 6000\*, 999

SERBO-CROATIAN  
0400-0530 9470\*, 920\*\*, 1548  
1630-1800 9775\*, 0450\*\*, 7370, 7330\*\*, 7300, 1548  
2120-2140 7320, 6205, 621  
2200-2330 6205, 1548

SLOVAK  
1930-2000 15455\*, 12030\*, 7380\*\*, 7310\*\*, 5975

SPANISH to Latin America  
0100-0200 12030\*, 12010\*, 11500\*, 9965, 9890, 9860, 9810\*\*, 9470, 9450, 7570\*\*, 7440, 7390\*\*, 7350, 7330, 7310, 7260, 7180, 7125  
0200-0300 12030\*, 12010\*, 11500\*, 9965, 9945, 9860, 9810\*\*, 9470, 9450, 7570\*\*, 7440, 7390\*\*, 7330, 7310

SWEDISH (Fri.)  
1830-1900 12010\*, 5965, 5940\*\*, 1494

TURKISH  
1500-1600 15540\*, 15515\*, 9470\*\*, 7445\*\*, 6005, 1170

URDU  
1400-1500 17675\*, 17610\*, 15550\*, 15480\*, 12055\*\*, 12045\*\*, 12025\*, 11655\*\*, 9800\*\*, 7400\*\*, 7305

VIETNAMESE  
1200-1300 17570\*, 15470\*, 9470, 603

\* - 05.03.00-26.03.00

\*\* - 31.10.99-05.03.00

(Feodor Brazhnikov via WB, 4 Nov 99)

**SAUDI ARABIA: Broadcasting Service of the Kingdom of Saudi Arabia - BSKSA**

complete schedule for B99. Address of Technical/Frequency management: PO Box 61718, Riyadh. Fax: +966-1-404-1692.

Holy Quran in Arabic

0300-0600 9715, 118183, 15170, 15435, 21495

0600-0800 15380, 17560, 17895

0800-0900 15380, 17560

0900-1200 11935, 17880, 21495

1200-1400 15380, 17759.8, 17895, 21495

1400-1500 17759.8, 17895

1500-1600 13610, 17759.8

1600-1800 11708.3, 13610, 15345, 17560

1800-2300 11820, 11935, 11948.3, 15275

Main program in Arabic

0600-0900 17759.8, 21505, 21705

0900-1200 21505, 21705

1200-1500 17560, 21505, 21705

1700-1800 11948.3, 15275, 15435

1800-2300 9555, 9870

Second program in Arabic

0300-0600 and 1700-2100 9578.7

0600-1700 11855.2

Call of Islam in Arabic

1500-1700 11948.3, 15275, 15435

External Services

Somali 0400-0500 17760 (45544)

Turkish 0400-0600 15275 (55555)

Swahili 0500-0600 17760 (55544)

French 0800-1000 NF 21605 (54554) over UAE Dubai

Indonesian 1000-1200 21670 (55555)

Urdu 1200-1400 15345 strong co-ch RTMorocco

Bengali 1400-1500 15345 strong co-ch RTMorocco

French 1400-1600 NF 21605 (54454) over UAE Dubai

Turkmen 1500-1700 9730 strong co-ch CRI in Ru

Bambara 1700-1800 17775 (45544) (Observer #60 via WB, Nov 15th 1999)

**SPAIN: Radio Exterior de Espana - REE with their B99 schedule.**

EUR

En 2000-2100 9680 Mon-Fri, 2200-2300 Sat+Sun

Fr 1800-1900 9665 Mon-Fri

Ge 1730-1800 9665 Mon+Thur

Ru 1700-1730 15195 Mon-Fri

Sp 0600-0800 9705

0600-0900 12035

0900-1700 15585

1700-2300 7275

1700-2100 9665 Sat/Sun, 2100-2200 Sat

AF

Ar 1700-1900 21770

1900-2100 7270 12035 Mon-Fri, 2000-2200 Sat, 2100-2200 Sun

En 2000-2100 9595 Mon-Fri, 2200-2300 Sat+Sun

Fr 1900-2000 9595 Mon-Sat, 2100-2200 Sun

1900-2000 7150 Mon-Fri

1900-2000 12035 Sat+Sun

Sefardi 1825-1855 17770 Mons only

Sp 0200-0500 9620

0500-0700 11890

0900-1500 21540 21610

1500-1700 21770

1500-1700 17755 Mon-Sat

1600-1700 15375 Mon-Sat

1700-1900 17755

1900-2100 17755 Sun

2200-2300 7270

2300-0200 9620 11945

AM

En 0000-0200 0500-0600 6055  
 Fr 2300-2400 6055  
 Sefardi 0115-0145 11795 Tue  
 0415-0445 9690 Tue  
 Sp 0000-0100 9765 11880 15170 Sun+Mon  
 0000-0200 11945  
 0000-0500 6125 9540 9620  
 0100-0400 3210 5970 9630 Tue-Sat  
 0200-0500 6055  
 0800-1000 21570 Mon-Fri, 1000-1700 Mon-Sat  
 1100-1500 17595 Mon-Fri  
 1100-1400 5970 11815 15170 Mon-Fri  
 1200-1500 21700 Sat+Sun  
 1400-1700 15170 Sat+Sun  
 1400-1800 9765 15125 Sat+Sun, 1800-2200 daily  
 1500-1800 21700  
 1700-1800 17850 Sat+Sun, 1800-2200 daily  
 1700-1900 17715  
 1800-2100 21700 Sat+Sun, 2100-2200 Sun  
 1900-2300 15110  
 2200-2400 9765 11880 15170  
 2300-2400 6125 9540 9620 11945

AS

Sp 0700-0900 17770 21610 to OCE  
 1000-1200 9660 to JPN  
 1200-1400 11910 to PHL

(REE printed schedule via WB in BC-DX #445, Dec 99)

**TATARSTAN:** *Radio Tatarstan* B99 schedule via Russian transmitters in Samara:

0500-0600 and 0700-0800 15105  
 0900-1000 11915 (Observer #60 via WB, Nov 15th 1999)

**USA:** U.S.-based religious broadcaster *Trans World Radio* announced that it will move its studios in Bonaire, the Netherlands Antilles, to Miami by mid-2000. This is the latest reduction in TWR operations on Bonaire. In 1993, the station shut down its shortwave transmitters on the island after 28 years of operation. The TWR medium wave transmitter at Bonaire, on 800 kilohertz, is now 100 kilowatts, replacing the original 500-kilowatt transmitter. Miami was chosen for the new studio site because of its good air access to the Caribbean and Latin America. (Comm via JKB, 11 Dec 99)

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**Sources & Contributors:**

ARDXC Australian Radio DX Club - Australia.  
 BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.  
 BP Bob Padula, - Australia.  
 Comm Communications World, hosted by Dr. Kim Andrew Elliott, VOA.  
 EDXP Electronic DX Press, Bob Padula - Australia.  
 GH Glenn Hauser - USA.  
 HJB Dr. Hansjoerg Biener, Amberg - Germany.  
 JKB Dr. Juergen Kubiak, Berlin - Germany.  
 OBSERVER Fortnightly edition of Radio Bulgaria's Frequency Management.  
 RI RadioIncontro Informazioni DX - Italy.  
 RUS-DX Information bulletin of Russian DX League.  
 WB Wolfgang W. Bueschel, Stuttgart - Germany.  
 WoR World of Radio, Glenn Hauser - USA.

**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

<i>Languages:</i>	<i>Other common abbreviations:</i>
Ar Arabic	bc broadcast
Ch Chinese	lsb Lower Side Band Mode
Du Dutch	nd non-directional
E English	px program
F French	sce(d),
G 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	ddmmyy (daymonthyear)
R Russian	
Sp Spanish	
Turk Turkish	

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## REPORT FROM EDXC CONFERENCE 1999

After severe difficulties in arranging this year's EDXC Conference, it was finally decided in August that the conference will be arranged in the Danish capital city Copenhagen on the weekend 5th to 7th of November. The arranging group consisted of Anker Petersen and Tor-Henrik Ekblom representing the Danish Short Wave Club International and of Risto Vahakainu of the European DX Council. From the very beginning it was clear that the conference will be smaller than normally, both by attendance and by features. Anyhow, many interesting items were included and many contacts all over the world were had, and finally all things looked pretty clear.

But a very sad piece of news was received only about 10 days before the conference - the editor emeritus of The World Radio TV Handbook Mr. Jens Frost had died by a sudden heart attack. Jens was a shortwaver since the late 1930's so he was one of those who had seen almost all progress of radio broadcasting. He worked as editor-in-chief of the handbook from 1961 to 1986 and after that he still continued both with the handbook and with the hobby. Anker Petersen mentioned having received a letter from Jens a day after

Jens' passing containing shortwave tips to their club magazine. Jens lived in Copenhagen and would have had his 80th birthday in December. He had very much looked forward to meet many old friends again after many years - and we all had hoped to meet him again, too - but it had been decided otherwise. So, just a few days before the conference Anker Petersen was one of those to carry Jens' coffin and the conference was a memorial conference to Jens.

The conference was attended by nearly 30 Dxers and broadcasters astonishingly representing 10 different countries! Most participants gathered to the venue, hotel Eremitage in the suburb of Lyngby already on Friday, when a short opening ceremony took place followed by informal chatting.

Saturday was full of programme. Already before 9 a.m. all participants gathered to the hotel lobby and walked to the local commuting train station. The train took us to the city center and after a nice walk in a quite pleasant weather we reached the building of Danmarks Radio - Radio Denmark. Mr. Erik Koie hosted us there taking us around the building and telling about their services. Erik himself is the frequency coordinator for the shortwave programs that are aired via Radio Norway's facilities and he also explained and demonstrated us the fine control and backup systems of the external broadcasts. Coffee was also served during this nice visit.

After thanking Erik for hosting us we continued with another 20 minute walk to the new Telemuseum where we enjoyed a short guided tour specializing on radio and telephone sections. The lunch was served at the museum's cafe located on the top floor with nice view all over the city. Then it was time to return to the hotel, and after a short break we were ready to begin with conference discussions.

At the beginning of the official meeting a silent moment respecting the memories of Arne Skoog and Jens Frost was spent. The activities of the European DX Council were then widely discussed with secretary Risto Vahakainu as chairman. Risto also announced that he and the assistant secretary general Arto Mujunen are going to leave their posts at the end of next year, so in fall 2000 it will be time to vote on new officials for the three-year period starting in January 2001. The conference next year will be organised by ADXB Asociacion DX Barcelona, but they haven't announced any details yet. The meeting decided to contact the ADXB soon.

The broadcasters' forum featured news and reports from Deutsche Welle, ORF Austria, RVI Belgium and the International Broadcasting Bureau. Mr. Waldemar Kraemer of Deutsche Welle was here the central person reporting about the big cuts to take place next year. Because of the budget cuts Radio Deutsche Welle is forced to drop altogether six languages, including Spanish.

The programme continued with a light music quiz organised by Risto Vahakainu and Mr. Allan Cummings from the United Kingdom appeared to be the best and the winner of a gift by Santa Claus. The last item was a presentation of the island of Sri Lanka. Anker Petersen had visited this island in spring 1999 and in his talk he featured the history and politics as well as broadcasting, and also Dxing of this country as he had visited Dxers Victor Goonetilleke and Sarath Weerakoon. Saturday's conference activities ended with a nice banquet dinner.

At half past 10 Sunday morning it was time to leave the hotel again and after a short ride we entered a suburb called Skovlunde. Anker Petersen had invited all participants to his home to see the place where this all began 22 years ago. The first two EDXC meetings were namely held at Anker's house. We listened to some old tapes of Radio Denmark's DX Window covering a.o. an interview of Jens Frost made in 1969. Anker also presented his big QSL collection and also a collection of shortwave-related literature. After enjoying coffee and Danish bisquits we took a group photo at Anker's backyard and then it was time to close this EDXC Conference.

The turnout was quite small but we didn't have big expectations because of the late announcing of the conference. All participants were, however, very satisfied to the contents and also for the opportunity to meet old and new friends and discuss shortwave DX and broadcast matters. In all this was a very warm small intimate conference and the whole weekend was most stimulating.

**(Risto Vähäkainu, Finland)**



# DX LOGBOOK

## Logs around the clock

by Paul Leclair, 38, rue Fernand Dehousse, B-4020 Jupille, Belgium

### MEDIUMWAVE :

Freq.	UTC	Date	ITU	Station	SINPO	Lang.	Details	Name
261,0	0316	1911	RUS	R.Rossii, Taldom	35333	Russian	Morning sport px, nx from BBC	HKN
527,0	0350	3011	CVA	R. Vatican	25433	Italian	Tango music!!, ID at 04.11	HKN
531,0	0320	3011	ALG	RTA 1, Ain El Beida	34333	A	Hi-life talks	HKN
630,0	1725	3011	TUN	ERTT, Tunis-Dieteida	43433	A	Arabic folklore, QRM ROU	HKN
711,0	0213	1911	LBY	LJB/Vo Great Homeland	34322	Arab	Folk orchestra, ID, //1251	HKN
720,0	2240	3011	G	BBC Radio 4	34333	R	//198 Magazine, Rp. Kuwait	HKN
792,0	0027	2911	D	NDR 4, Lingen	24333	D	TA, Oldies from Elvis	HKN
819,0	2248	3011	EGY	ERTU Batra	44333	A	Arabic folklore, talks	HKN
864,0	0014	2911	ARM	TWR	32432	Kyrgyz	IS TWR, Rel.Px, QRM EGY	HKN
864,0	0020	2911	EGY	ERTU, Santah	33433	A	Koran Px, talks from Iraq	HKN
891,0	0011	2911	ALG	RTA 1, Algier	44433	A	Politic talks, arab. orchestra	HKN
927,0	0003	2911	TUR	TRT 1, Izmir	24333	TÜRK	News, turkish folklore mx	HKN
945,0	2325	2911	G	Capital Gold, Bexhill	34333	E	ID, Adr., Pop Oldies	HKN
963,0	2253	3011	FIN	R. Finland	44433	G	Magazine, ID, eMail, Adr.	HKN
981,0	0012	3011	GRC	ERA 4, Athen	35433	Greek	Phone-in, Rock music	HKN
1170,0	0014	2711	SVN	R. Maribor Intern.	44444	Sloven.	ID as "the power play", Oldies	HKN
1206,0	2338	2811	ISR	IBA B, Haifa	44444	Hebrew	Israel. Children songs, ID	HKN
1214,9	2235	2911	ALB	R. Tirana	43333	E	ID Folklore, events of the week	HKN
1233,0	2305	2911	CZE	RFE/R. Liberty	44444	E	Engl. Testschleife mit ID	HKN
1251,0	0152	2911	LBY	Voice of Africa	43433	F	News from Africa, ID, Jingle	HKN
1278,0	0000	3011	GRC	ERA, Florina	34433	Greek	IS, News, Report Kosovo	HKN
1278,0	1655	2911	F	RF Alsace	34433	G	News, Bericht AIDS Tote	HKN
1287,0	2324	2811	CZE	RFE/R. Liberty	33333	E	Nur Testschleife in E mit ID	HKN
1287,0	2328	2811	ISR	Galei Zahal, Rel Aviv	34333	Hebrew	//6898 Politic studio talks	HKN
1350,0	1830	3011	HNG	R. Pecs	44333	G	//1188 Rpt on 'deut. Kulturverein'	HKN
1368,0	0248	2811	G	BBC R. Lincolnshire	24322	E	ID, Internet, studio talks	HKN
1386,0	0240	1911	IRN	IRIB Ahwaz	33333	Farsi	Koran songs, islam talks	HKN
1395,0	1620	2911	HOL	Busines Radio	45444	Dutch	Bourse, News, WX	HKN
1404,0	0312	3011	ROU	R. Romania Actualitati	32432	Roman.	ID, Politic talks, Folklore	HKN
1440,0	0300	3011	YUG	RTV Srbije, Jagodina	34444	Serbian	ID as R.Belgrad, TS, News	HKN
1440,0	1838	2711	LUX	R. Freundesdienst	45444	G	Preaching, kostenloser Kalender	HKN
1440,0	1845	2711	LUX	Miss. Werner Heukelbach	45444	G	Manfred Paul, preaching, ID	HKN
1440,0	2358	2611	YUG	RTV Srbije, Jagadina	45333	Croatian	ID, News, Wx, Pop Mx	HKN
1458,0	0135	2911	G	Sunrise R., London	43333	Vern	Indian folklore mx, talks	HKN
1467,0	2005	3011	F	TWR, Roumoules	55444	Mandar.	Relig. Px, choir, ID	HKN
1476,0	1830	2711	AUT	Radio 1476	44444	G	ID, Filmfestival, Interview	HKN
1476,0	2235	2711	AUT	Nachbar in Not	44444	G/E/Cro	Internet Media in Kosovo	HKN
1476,0	2351	3011	G	Country Sound, Huildford	25322	E	Pop Oldies, ID, News	HKN
1503,0	0118	2911	G	BBC R. Stock-on-Trend	23322	E	Report from a soccer match	HKN
1503,0	2021	3011	POL	TWR, Szczecin	44333	Norw.	Preaching, Choir song	HKN
1503,0	2200	2711	YUG	R. Montenegro	43333	Croatian	News, Wx, Jingles, ID	HKN
1512,0	1745	3011	BEL	R. Vlaanderen Inter.	44444	G	ID, Press review, « Reisebericht »	HKN
1521,0	1505	2711	ARS	BSKSA, Duba	34322	A	Koran songs	HKN
1521,0	1803	3011	SVK	BBC, Kosice-Cizatice	44444	Slovaq.	ID, Worldnews, Press	HKN
1548,0	2144	3011	MDA	R. Balkan	44333	Alban. ?	//6205 Report NATO, Kosovo	HKN

1611,0	0012	2811	PIR	R. Barones	45444	HOLL	Test's, dutch music	HKN
1635,9	0053	2811	PIR	R. Barones	54444	HOLL	Modulation Test, Recept. Rep	HKN
1635,9	2018	2911	PIR	R. Utopia	44444	HOLL	Dutch mx, greetings, ID	HKN
1636,9	2309	2711	PIR	R. Concordia	45433	HOLL	ID, dutch music, talks	HKN
1636,9	2332	2711	PIR	R. Talisman	45433	HOLL	Greetings, engl. Pop Oldies	HKN
1637,0	2215	2711	PIR	Zender Veldmuis	34433	HOLL	QSO with R. Nooitgedacht	HKN
1637,5	1813	2911	PIR	Zender Kontakt	35444	HOLL	Talks with Zonnenstraat	HKN
1637,9	2348	2711	PIR	R. Karel Doorman	25432	HOLL	QSO with Zonnenstraat	HKN
1638,1	2100	3011	PIR	R. Armada	45444	HOLL	Greetings, instr. Music	HKN
1640,1	2318	2711	PIR	Mi Amigo	45444	HOLL	QSO Barcelona/Noordzee	HKN
1642,0	1915	2711	PIR	R. Caroline	44333	HOLL	ID, Greetings, dutch music	HKN
1642,3	2312	2611	PIR	Zender Anton	45433	HOLL	Oldies from the 50 <sup>th</sup> , ID	HKN
1644,8	2341	2711	PIR	R. Sterrenboog	35433	HOLL	QSO Concordia, dutch Mx	HKN
1645,2	2220	2711	PIR	R. Noordzee	44333	HOLL	ID, dutch folklore Mx	HKN
1646,4	0044	2811	PIR	R. Electron	35422	HOLL	QSO, RR, low modulation	HKN
1650,0	0034	2811	PIR	Zwarte Non	35433	HOLL	QSO Johan + Electron	HKN

**TROPICAL BANDS :**

3910,0	2230	2811	IRL	Reflection Europe	44444	E	//6295 relig. Px, adr.USA	HKN
3920,4	2125	2711	PIR	R. Bluestar	45433	E/HOLL	ID, Jingles, dutch Mx	HKN
3930,0	2224	2811	PIR	Laser Hot Hits	45333	E	Engl. Po mx, Jingles	HKN
3950,0	2310	2811	CHN	Qinghai PBS, Xining	34322	C	//6260 (HS) News by YL	HKN
4460,0	2235	2811	CHN	CPBS 1	44333	C	//5320 Politic talks	HKN
4760,0	2350	1311	IND	AIR Port Blair	Vy low	Vern	ID, chants	DC
4770,0	0434	3011	NIG	FRCN, Kaduna	35433	E	Peace and freedom from God	HKN
4819,2	0703	1911	HND	LV Evangelica	24333	Sp	Rel px, talks from Ecuador	HKN
4825,0	2107	2411	B	R.Cancao Nova	23222	Port	Talks, adv's	ZL
4831,9	2120	--11	MRT	RTM Nouakchott ?	32233	Vern	Muslim type vocal song, arab talks, 4840 was vacant but with two carriers	ZL
4835,0	2340	1811	MLI	RTV Malienne	44444	F	Afro mx, off 00.01, //4782,4	HKN
4885,0	2035	2711	KEN	KBC, Nairobi	44333	Vern	Afro Mx, NX, NA c/d 21.05	HKN
4890,0	1903	2711	PNG	NBC Port Moresby	14—2	E	ID, px – no interference	DC
4919,0	0650	1911	EQA	R.Quito	45433	Sp	ID « La Voz de la Capital », mx	HKN
4925,0	2300	0312	INS	RRI Jambi	23322	BI	News file, //RRI Jakarta	ZL
4945,0	2125	2611	B	UNID	11431	Port	Talks with ref. to Brazil	ZL
4950,0	1622	1411	IND	AIR Kashmir	Good	Vern	Songs, instrumental mx, ID	DC
4980,0	2315	0312	VEN	Ecos del Torbes	33333	Sp	Fast talks	ZL
5005,0	1615	2611	NPL	R.Nepal	34—3	Vern	Local songs, clear ID	DC
5009,5	1726	2711	MDG	RTV Malagasy	33—3	Vern	African pop mx, talks	DC
5025,0	0634	1911	CUB	R.Rebelde	34333	Sp	TA, Sth american mx	HKN
5060,0	1935	1711	UZB	R.Tashkent	45444	G	S/on, IS, greetings, folklore	HKN
5070,0	0335	2811	USA	WWCR Nashville	45444	E	World of radio/G. Hauser	HKN
5085,0	0427	1011	USA	WGTV	Good	E	ID	DC

**ON SHORTWAVE :**

5750,0	1740	0412	TJK	Tajik R.,Dushambe	35333	Tajik	Guitar mx, //5800, 7510	WB
5805,0	2127	2011	PIR	R.Free London	24323	E	Pop songs, Pink Floyd	ZL
5805,2	1414	2811	PIR	Farmers from Holland	45433	HOLL	Final transmission, dutch mx	HKN
5810,0	2248	2811	USA	R. Taipei Intern.	45444	E	Letterbox, recept. Reports	HKN
5815,0	1815	2811	PIR	R. Bluestar	43333	HOLL	Christmas songs, ID	HKN
5950,0	1950	3011	RUS	Miss. Werner Heukelbach	44444	G	Predigt, ID, Adr.	HKN
5985,0	0612	1911	BEL	RVI Brussels	44333	Dutch	Wx (snow and cold), pop mx	HKN
5985,8	1421	1011	BUR	R.Myanmar (presumed)	1	Vern	Asian mx	DC
6000,0	0341	2811	CUB	RHC Habana	44444	E	Dxers unlimited with Arnie	HKN
6065,0	0130	2711	USA	WYFR	44433	E	Welcome to the open forum	HKN
6150,0	0122	2711	CTR	Dr. Gene Scott	34322	E	//9725 talks over Lord Jesus	HKN
6155,0	1154	2811	AUT	RÖI Wien	45444	G	DX Telegramm #1075	HKN
6175,0	0141	2711	IRN	IRIB, Teheran	43333	S	Rep. from Castro + Cuba	HKN



6175,0	0150	2711	CAN	BBC, Sackville	32332	E	Politic talks over Ireland	HKN
6175,0	0546	1911	CTR	Faro del Caribe	24322	Sp	Carribbean band, RFI s/on 05.58	HKN
6210,0	0949	2811	PIR	FRS Holland	34333	E	ID, Adv, Pop music	HKN
6211,3	1506	2811	PIR	R. Nordsee International	25322	D	Engl. Pop, Rock'n Roll mx	HKN
6218,9	0715	2811	PIR	Laser Hot Hits	35433	E	Jingles, ID, Reaggy music	HKN
6239,9	0828	2811	PIR	AL International	45444	E	ID, Greetings, phone-in	HKN
6266,3	1027	2811	PIR	UK Radio	24322	E	Rock mx, American women	HKN
6277,6	1315	2811	PIR	R. Titanic	35322	E	ID, dutch folklore music	HKN
6281,5	0730	2811	PIR	R. Tonair	44444	E	ID, Tel., music from 70/80 <sup>th</sup>	HKN
6290,2	1046	2811	PIR	VO the Nederlands	34322	E/HOLL	Non stop pop mx, ID	HKN
6307,4	1339	2811	PIR	R. Bluestar	45433	HOLL	Dutch folklore, Polkas, Abba	HKN
6930,0	2000	2711	RUS	R. Rossii	34433	R	IS, ID, News, Wx	HKN
6975,0	2300	2811	CTR	RfPI	35433	E	World of radio #1013	HKN
6975,0	0804	2411	CTR	RFPI	23322	E	Political talks	HvG
7120,0	1010	2811	I	R. Strike via IRRS	45444	E/ITAL	5 station birthday, pop music	HKN
7130,0	1620	0412	RUS	CRI via St.P.Popovka	44444	Ar	Comm	WB
7155,0	0522	1011	NGR	La Voix du Sahel	35322	F	Political talks, mx ; DW s/on 05.28	HKN
7230,0	0643	1711	G	NHK Tokyo	45544	E	ID, folk mx with drums	HKN
7235,0	2305	0312	SNG	SBC Warna	44444	Vern	Booming here with songs	ZL
7295,0	2305	0312	MLA	Vo Malaysia (pres)	24322	Vern	Old pop songs	ZL
7306,5	1020	2811	PIR	R. Europe	34433	E/ITAL	FRS Magazin, Pop music	HKN
7345,0	0810	1911	SVK	R.Slovaquia Int.	55444	G	Revolution, rpt	HKN
7355,0	1625	0412	RUS	R.St. Chechnya	34333	Russian	Classic mx, //7340, 7445	WB
				Svobodnaya				
7365,0	0708	1911	HRV	HR Zagreb	43333	E	Nx, wx, ID, pop mx	HKN
7405,0	0800	1911	USA	R.Marti	43333	Sp	ID, studiotalks – jammed	HKN
7415,0	0712	1911	USA	WBCQ	35433	E	ID, addr., s/off 07.15	HKN
7435,0	0941	2811	USA	WHRI	45444	E	Dxing with Cumbre (So)	HKN
7460,0	0724	2811	PIR	Weekend Music Radio	35444	E	ID, Steve Miller Band, letters	HKN
7480,0	0904	2811	PIR	R. Benelux	45444	G	DJ Jens Martin, Pop music	HKN
7520,0	1730	0412	TJK	R.Antena Nazionale	44333	Persian	Tx 17.30/18.00	WB
9355,0	0631	1011	USA	R.Taipei Int. via WYFR	35433	G	ID, 'Blickpunkt China'	HKN
9355,0	1619	0311	GUM	KSDA	22222	E	Rel px – USB	HvG
9370,7	0835	1911	USA	WTJC	35433	E	Christian singers, D, addr.	HKN
9400,0	2220	2211	USA	WGTG	----	E	Px Genesis Communications Network, 9400 on USB+carrier, //12170 USB	ZL
9710,0	0846	1911	AUS	R.Australia	35422	E	Politicals, s/on Vilnius at 08.49	HKN
9710,0	0930	1911	LTH	R.Vilnius	45444	E	ID, nx, political magazine	HKN
9725,0	0112	2711	CTR	Dr. Gene Scott	35433	E	Full ID, MX; Predigt	HKN
9732,0	2050	0311	VTN	Vo Vietnam	32233	E	International nx, Letterbox	HvG
9755,0	2315	1811	OMA	R.Oman	44444	Ar	Dramatic radioplay, ID, nx	HKN
9760,0	2214	2111	CYP	CBC Nicosia	45444	Greek	IS, ID, radioplay, folklore	HKN
9765,0	0600	1011	EQA	HCJB Quito	35433	G	'Aktuelles aus dem alten Buch'	HKN
9870,0	2354	2611	AUT	RÖI Wien	45444	G	DX Telegramm #1075	HKN
9930,0	1530	0911	?	UNID	Vy low	E	Talks (KWHR Hawaai ? –ed)	DC
9990,0	1900	1711	EGY	R.Cairo	55444	G	ID, px preview, wx, nx	HKN
11560,0	1047	2210	GUM	KSDA	33343	E	Rel px	HvG
11565,0	0836	0210	USA	WHRA	44434	E	Rel px	HvG
11635,0	0750	2111	RUS	Radio Stanzja	45554	Russian	Light mx, //15605	WB
				Tchetchenia Swobodnja				
11730,0	0901	2411	CHN	China R. Int.	33233	E	Intern. nx	HvG
11734,0	1935	1311	TAN	Vo Tanzania, Zanzibar	Vy good	Swahili	Px with very good mx, ID, time bips	DC
11760,0	1425	1011	INS	RRI Jakarta	23322	E	Social talks	HvG
11795,0	1040	2811	GUM	KSDA Guam	34333	E	AWR Wavescan, DX Progr.	HKN
11830,0	2223	2411	B	R.Anhanguera	21222	Port	Fast talks, football style	ZL
11890,0	0718	1711	CHL	Voz Cristiana	45433	Sp	ID, sermon, rel mx	HKN
11920,0	0925	1911	SNG	NHK relay	24333	Jap.	Tx, ID, //15230GAB, 11710UK	HKN
11990,0	0725	1711	SLV	R.Slovaquia Int.	44444	E	Sport magazine, ID, IS	HKN
11995,0	1600	0412	GAB	RFI via Moyabi	33433	E	Sce to We Afr., //11615, 15210	WB
12085,0	1805	1711	SYR	R.Damas	45444	G	ID, nx, letterbox, //13610	HKN
12255,0	1620	2811	IRL	Reflection Europe	25433	E	//6295 good news from god	HKN

13605,0	1105	0610	AUS	R.Australia	23332	E	Intern. nx	HvG
13670,0	0815	3009	KOR	R.Seoul	33433	E	Talks abt the weather	HvG
15084,0	0815	1711	IRN	IRIB Tehran	45444	G	Divorces and separations	HKN
15110,0	0821	1711	KWT	R.Kuwait	35433	E	ID, Koran songs	HKN
15240,0	0716	0511	AUS	R.Australia	33343	E	Olitical talks	HvG
15256,4	0910	2811	PIR	Wreeking Radio	24322	E	Pop oldies, ID, addr.	HKN
15315,0	1240	1011	UAE	R.UAE, Abu Dhabi	Vy good	Arab	Radio comedy, IS, ID at 13.00	DC
15330,0	0801	3110	GUM	KTWR	44434	E	Info px	HvG
15515,0	0820	0210	AUS	R.Australia	34433	E	Talks abt animals	HvG
15605,0	0740	2111	RUS	Radio Stanzja Tchetchenia Swobodnja	45444	Russian	Talks, mx, //11635, not 17665	WB
17500,0	1214	1711	BUL	R.Bulgaria	45444	E	Nx, rpt on NATO, //15700	HKN
17630,0	0910	1711	GAB	Afrique n°1	35433	F	Very nice afro-pop mx	HKN
17650,0	1621	0311	USA	WHRA	34433	E	Rel px	HvG
17675,0	0803	3110	NZL	R.New Zealand	33343	E	Sport message	HvG
17675,0	0815	1611	RUS	R.Tikhiy Okean	43433	Russian	Asking for RR's from russian mariners	OS
17695,0	1420	2811	G	NHK via Rampisham	45444	Jap	Tx	WB
17750,0	0930	1711	AUS	R.Australia	24322	E	ID, political talks, interview	HKN
17770,0	1505	1211	---	R.Africa	33223	E	Int.nx (Channel Africa, AFS ? ?-ed)	HvG
17870,0	1230	2011	TUR	TRT Ankara	45444	G	DX Ecke, rpt on earthquake	HKN
21455,0	1100	1111	PAK	R.Pakistan	45444	E	World nx, airplane crash	HKN
21525,0	1624	0311	USA	WYFR	33333	E	Bible story	HvG
21530,0	1410	2811	AFS	Channel Africa	33322	E	ID, Sat/Sun special	WB
21790,0	1116	2811	CLN	DW via Sri Lanka	35332	G	200 Golden records, James Last	WB
21820,0	1159	1711	AUS	R.Australia	25322	E	ID, nx, //13605	HKN
25930,0	1400	2811	CTR	RFPI	25222	E	Talks on US technology	WB

**OVERSEAS LOGBOOK :***With loggings from Canada/USA*

5026,0	0159	3010	CLM	R.Ecos del Atrato	24333	Sp	Nx abt Colombia, Argentina	MH
6020,0	1207	3110	AUS	R.Australia	55555	E	Country and western mx, //11650,9580	MH
6055,0	0800	0311	E	REE Madrid	Strong	Sp	Nx on and about the EU	RS
6120,0	1000	0611	FNL	R.Finland	54—4	E ?	Nx from the finnish press	RS
6155,0	1230	0611	AUT	ROI Vienna	34—3	E ?	Mx, nx on newly elected government	RS
6185,0	0045	3010	MEX	R.Educacion, Mexico	54444	Sp	Mx, comments	MH
6975,0	0804	1811	CTR	RFPI	3-453	E	Alternative radio, Housework study	RL
7220,0	1100	0611	NIG	Vo Nigeria	55—5	E ?	Mailbox, mx	RS
7365,0	1251	0911	RUS ?	KNLS (via relay ?)	14422	Mandar.	Comm.	MH
8000,0	0402	0311	CLA	Vo Sudan	43333	-	Non stop sudanese type mx, no // fqs	GH
9400,0	0356	2211	BUL	R.Bulgaria	45—3	E	Answering your letters, Public library	RL
9490,0	0357	0311	D	RTBF via Jülich	44444	F	IS, F/E ID, theme mx, px preview, nx Web site : www.rtbf.be	GH
9495,0	0331	0811	SWE	R.Sweden	55—3	E	In touch with Stockholm	RL
9580,0	0600	0411	AUS	R.Australia	Strong	E	Book report, voting on sovereignty	RS
9625,0	0900	0511	CAN	RCI	Strong	E	On water exploitation USA/Canada	RS
9655,0	2318	2011	TUR	Vo Turkey	55—3	E	DX Corner, reception rpt's	RL
9665,0	0800	0311	CZE	R.Prague	Strong	?	Cooperation in Central Europe (E ?-ed)	RS
9680,0	0219	2011	CHI	RTI Taipei	54—3	E	Caleidoscope, Post woman in Taiwan	RL
9760,0	2221	1411	CYP	CBC Nicosia	55555	Greek	Comments, bridge mx, //7205	MH
9835,0	1030	0511	HNG	R.Budapest	55—5	E	Hungary today, integration in EU	2Ctr
9885,0	1200	0511	SUI	SRI Berne	55—4	?	Swiss scene music from the « Relic » group base in Switzerland	RS
9925,0	0900	0511	HRV	HR Zagreb	55—4	E	Nx from the Baltic	RS
10260,0	0042	0311	CHN	CPBS1	43323	Mandar.	Ann. separated by fanfare segments, //11630fair, 15550fair, 15480 very poor 0059 time pips, 10260 abruptly off	GH
11550,0	1344	0411	CHI	WYFR via Taiwan	24333	E	Preaching	MH
11605,0	2000	1611	ISR	KOL	55555	E	Nx in brief, bridge mx	MH
11690,0	1625	2111	JOR	R.Jordan	45—3	E	Pop mx 'Crazy' by Britney Spears	2Cr

11710,0	1835	1611	UAE	VoUAE Abu Dhabi	54444	Ar	Brief comm., bridge mx	MH
11930,0	0025	3110	JOR	R.Jordan	54444	Ar	Comm., bridge mx, more comments	MH
11980,0	0427	2211	ATN	RVI via Bonaire	55—3	E	Tourism, sight seeing stop	RL
11990,0	1949	0911	KWT	R.Kuwait	55555	E	Mx, brief comment	MH
12055,0	1340	0211	RUS	DW via Samara	24443	G	Nx, taped rpt	MH
12085,0	2020	1611	SYR	R.Damascus	33333	E	Nx about party officials	MH
13670,0	2258	2211	ATN	RVI via Bonaire	45—3	E	Brussels calling, Weekend Radio World	RL
15140,0	1422	1611	OMA	R.Oman	34433	E	Taped comments, bridge mx	MH
15330,0	1456	1111	GUM	KTWR	34422	E	Preaching, non-stop talks	MH
15345,0	2124	0211	MRC	RDTV Rabat	54444	Arab	Domestic sce, lengthy talks, mixed with RAE, ID, classic moroccan mx, time pips at 21.59, moving to 15335. Web site : www.rtm.gov.ma	GH
15390,0	1304	0911	ROU	R.Romania	44444	E	Nx abtTchetchenia, bridge mx	MH
17510,0	0147	0911	HWA	KWHR Hawaii	24422	E	Phone interview, comm. abt WHRI	MH
17525,0	1454	1111	SLO	AWR	33333	E	Preaching, gospel mx	MH
17815,0	1415	0911	TUR	Vo Turkey	55555	E	Comm. abt independance, bridge mx	MH
17825,0	2111	0711	JAP	NHK Tokyo	33—3	E	Hello from Tokyo, 'What's new'	RL
17870,0	0411	0411	AFS	Channel Africa	55—5	E ?	African nx	RS
21605,0	1336	0911	UAE	UAE R.,Dubai	44444	E	Comm. abt hospitals, //15395,13675	MH

*With loggings from India :*

4965,0	1735	2211	ZMB	Christian Voice	43333	E	Hymn, stories from revelations, QRM From AIR on 4960 up to 17.45UT	SDG
5050,0	1915	2211	TAN	R.Tanzania	45443	Vern	ID, ann, song – poor modulation	SDG
6265,0	1805	2711	ZMB	ZNBC Lusaka	44444	E	Nx on violence in Nigeria, 18.10 Vern	SDG
7520,0	2141	2211	MDA	R.Moldova Int.	35342	E	Violations of trafic rules – poor audio	SDG
7520,0	1730	2711	TJK	R.Ante National	Clear	Persian	IS, ID, fq, interview, talks abt Iran, song in english, off 17.59 w/full ID	MV
9355,0	0037	1411	USA	WEWN	35—4	E	Israeli mosque controversy	SDG
9370,0	2157	2711	USA	WTJC	35232	E	'Unshackled' – noisy but improving	SDG
9540,0	1145	1411	SUI	SRI Bern	44344	E	Listeners letters	SDG
9655,0	0307	2311	FNL	R.Finland	33443	E	President's comments on Kosovo deve- Lopments, QRM Vatican on 9660	SDG
9755,0	0105	1611	CAN	RCI	34344	E	Interview regarding Princess Diana	SDG
9975,0	2337	1311	USA	WEWN	44—4	E	Y2K and the return of Christ	SDG
11760,0	1946	2211	GEO	R.Georgia	33342	E	Nx on german parliament –weak audio	SDG
11965,0	1728	1011	NZL	R.New Zealand Int.	35434	E	South Pacific DX report, moving to 17675 at 17.50 (SIO=254)	SDG
12160,0	2024	2211	USA	WWCR	24343	E	Phone-in from California	SDG
15590,0	1116	1411	JAP	NHK Tokyo	45444	E	Radio Japan listeners letters	SDG
17675,0	1855	0512	NZL	R.New Zealand	35555	E	ID, ann, « Silent Night, Holy Night »	SDG
17780,0	1305	1411	AFS	Channel Africa	44444	E	African nx, //21530(excellent)	SDG
18960,0	1230	1411	S	R.Sweden Int.	45455	E	« Sounds nordic », NA sce, //21810	SDG
21565,0	1200	1411	D	RTBF via Jülich	45455	F	E/F IS, ID, px	SDG

*With loggings from Russia/Central Asia :*

612,0	1439	2511	KGZ	Kyrgyz R.	Good	Russian	Weather – low QRM	OS
873,0	1202	2511	IND	AIR Jalandhar	?	Vern	Px – strong QRM from R.Rossii	OS
972,0	1120	2511	TJK	Tajik R.	44433	Tajik	Russian pop songs –QRM KBS Tangjin 11.40 childrens px, //7245	OS
1008,0	1055	2511	JAP	JONR	32432	Jap.	Talks, ID – QRM CBS Taiwan	OS
1323,0	1440	2511	CHN	CRI	33343	Russian	Tx, //1521(53553), //963(33433)	OS
4010,0	2300	1910	KGZ	Kyrgyz R., Bishek	----	Kyrgyz	S/on, IS, NA, opening ann.(see beyond)	HO
4795,0	1030	0311	RUS	Buryatskoe R./R.Rossii	Fair	Russian	R.Rossii px, except local px 1110/1210 Starting with IS, Buryat (lang.similar to Mongolian)/Russian Ids 'Govorit	HO

Time	Freq	Band	Country	Station	Remarks	Operator
4850,0	0000	2110	UZB	Uzbek R. 2 <sup>nd</sup> px	Ulan Ude'	
4930,0	1735	1710	TKM	Turkmen R.	Vy good Uzbek S/on with IS, ann.	HO
5015,0	1430	1710	TKM	Turkmen R.	35333 Turkm. Local pops, Mayak relay from 1900	HO
11840,0	2159	2011	RUS	R.Sakhalin	25332 Turkm. Local mx, //better 279kHz	HO
					---- Russian ID, pop, advs, weather, etc...	HO

OM Hironao Oguma heard the following complete ID of Kyrgyz Radio during his stay in Bishek :

« Govorit Bishek. Dobroe utro, uvazhaemye radioslushateli. Segodnya 20-oe Oktyabrya, sleda. Kyrgyzskoe Radio nachnaet svoi peredachi po pervoy i vtoroy programmu » that can be traduced as follows : « Bishek is speaking. Good morning, dear listeners. It is 20<sup>th</sup> october, Wednesday. Kyrgyz Radio starts its broadcast of 1<sup>st</sup> and 2<sup>nd</sup> programmes ».

He also received every day the Tadjik Radio in Tadjik language between 15.00/17.00 on 252, 972, 4635, 5800, 7510 kHz.

Thanks a lot for your contribution :

DC : Daniele Canonica, SWITZERLAND – JRC-535 + LW antenna and MLB.

HKN : Hans Joachim Koch, Niddatal, FRG – AOR AR7030, 20m longwire, window antenna.

HvG : Harry van Gelder, Arnhem, NL – NRD525 + 12,5m longwire + baloon antenna.

WB : Wolfgang Büschel, Stuttgart, FRG – AOR AR7030, Sony ICF2010, Kenwood R1000, Drake SPR-4 and 12m longwire, YAESU FRT7700 antenna tuner.

ZL : Zacharias Liangas, Thessaloniki, GREECE – LOWE HF150, Sony ICF7600D, Yupiteru MVT7100 scanner,...

GH : Gayle Van Horn, Brasstown, North Carolina, USA -

MH : Mark Humenyk, Weston, Ontario, CAN – Magnavox D2935 w/Alpha Delta DX-SWL sloper.

RL : Richard Lemke, St Albert, Alberta, CAN – JRC NRD-535 HF w/random longwires.

RS : Rebecca Stern, Gasport, NY, USA -

MV : Mahendra Vaghjee, India – (welcome in this logbook ; where do you exactly live ? –ed)

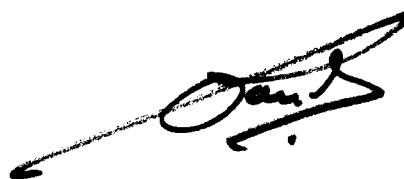
SDG : Sudipto Das Gupta, Nagar, INDIA – Grundig YB400 + 7m random wire on the roof.

HO : Hironao Oguma, Kyrgyzstan (in business trip) – Sony ICF-1000T, AOR AR7030.

OS : Oleg Shevelyov, (central ? ?) Russia – (nice to receive loggings from your area ;tell me some more about you,OK-ed)

A very impressive and international logbook ! I hope that you entered in 2000 with a lot of good resolutions as to report many loggings for our magazine ! I wish you all the best for the next thousand years.

73's from your editor,



Paul Lecleir

☆☆

## QSL CORNER

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

Country	Station	QSL	Time	ORG	Remarks	OM
Albania	R. Tirana	C	25 d	1458 Khz		MF
Antigua	BBCWS	L	24 d	17.840		MH
Armenia	Stimme Armeniens	C	138 d	15270	Det. K.	MBW

Austria	RAI	C	15d	5.945	Marconi Day.	HKN
Austria	ROI	C	6 d	1476 Khz	Information.	MF
Belgium	RVI	C	21 d	5.985	Information.	MF
Bolivia	R. Centenario	L	40 d	4855	(1 \$), v/s Napoleon Ardaya Director.	DC
Brazil	R.Dif do Amazonas	C	753 d	4805	(1 \$), no details.	DN
Bulgaria	Radio Bulgaria Int.	C	36 days	17.500	Radio Bulgaria Monitor club.	HKN
Cameroon	R. Yaounde	C	nine mnths	4850	v/s, Eyebe Canga Directeur Technique	DC
Canada	CKZN	C	66 d	6160	IRC	MWB
Chile	R.Voz Christiana	C	14d	21500	(IRC)	DN
Chile	R.Voz Cristiana	C	265 d	21.500	IRC, (Card from Chile!!).	HKN
Chile	R. Voz Christiana	C	308 d	21550	(IRC, direct via Chile).	DN
Cuba	Radio Rebelde	C	210d	5025	sticker, personal brief/IRC.	HKN
Czech Republic	R. Prague	C	9 d	6.055	Information, sticker.	MF
Czech Republic	Radio Prague	C	45 d	6.055		HKN
Czech Republic	Radio Prague	C	23 d	13.580		MH
Ecuador	HCJB	C	18 d	11.875	pers.Zeilen/per e-mail.	HKN
Ecuador	HCJB	C	20 d	11.960	Rundbrief,Traktate/per e-mail.	HKN
Ethiopia	R.Fana	C	80 d	6940	(IRC)	DN
Fr. Guiana	RFI relay	C	135 d	17.630		MH
Germany	RFI	C	64 d	261.0	Detailed card.	MBW
Germany	ROI	C	25 d	261.0	Detailed card	MBW
Germany	Stimme Russlands	C	65 d	1323.0	Detailed card	MBW
Greece	Voice of Greece	C	32 d	12.105		MH
Guatemala	R.Bnenas Nnevas	C	47 d	4800	info (1 \$).	DN
Hungary	R. Budapest	C	15 d	7.135	Information.	MF
India	INDIA Air Mumbai	C	10/9/98	4840	v/s A.K. Bhatnagar Director Freq.	DC
Indonesia	Stimme Indonesiens	C	305 d	15.150	Detailed card/IRC.	HKN
Iran	IRIB Teheran	C	110 d	21.770	Detailed card (Nr. 9) Zeitschrift.	HKN
Israel	Galei-Zahal	C	28 d		"microphone man" cd.	DC
Israel	Kol Israel	C	58 d	15.650		MH
Italy	AWR, Forli	C	14 d	7.230	Information, sticker.	MF
Italy	R. Berumda Dreieck via IRRS	C	66 d	3.985	Detailed card/ 1 US dollar.	MWB
KAL	United Christian broadcasting	C	25 d	1386.0	Detailed card/IRC.	MBW
Latvia	Latvijas R.	C	41d	5935	sked	DN
Mediterranean	R.Mediterranee Int.	C	215 d	9.575		HKN
Mongolia	Voice of Mongolia	C	64 d	12.085	Detailed card.	MWB

Mozambique	R. Mozambique	C	31 d	3210	(1 \$)	DN
Netherlands	Q Radio	C	26 d	1224.0	QSL Brief	MWB
Netherlands	R. 10 Gold	L	24 d	675	sticker, info, sked (IRC)	DN
Nigeria	FRCN Kaduna	L	90 d	4770	(2 IRC, one back)	DN
Romania	Radio Romania Int	C	85 d	15.405	Detailed card, schedule.	HKN
Russia	R.Netherlands Relay	C	57 d	13.710		MH
Russia	Stimme Russlands	4 C	28 d	17.670	12 reception rpt. listeners club, per Fax.	HKN
Russia	Voice of the Med. Relay	C	54 d	12.060		MH
Slovakia	R. Slovakia	C	20 d	6.055		MF
Sweden	Radio Sweden	C	15 d	15.240	Also on 17.505 khz.	MH
Taiwan	RTI	C	34 d	9.955	Detailed card	MWB
United Kingdom	Merlin Network one	no QSL	13 d	6185	sked	DN
USA	WSHB	C	132 d	15665		DN
USA	WHRI	C	134 d	9.495	V/s, James L. Holy Cross	MH
USA	WBCQ	C	14 d	7415	(IRC)	DN
Venezuela	Echos Del Torbes	C		4.980		MH
Yugoslavia	R. Yugoslavia	C	20 d	6.100	Information, sticker.	MF
Zambia	ZNBC Lnsaka	C	88d	6265	(2 IRC).	DN

**Thanks to our Reporters:**

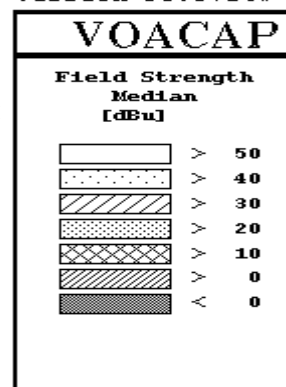
- DC Daniele Canonica of Switzerland. (Welcome, Daniele)
- DN Dirk Nehring, Germany
- HKN Hans-Joachim Koch from Niddatal, Germany
- MF Michael Frese, Osnabrueck, Germany (Welcome, Michael).
- MH Mark Humenyk of Weston, Ontario. Magnavox D-2935
- MWB Markus Weidner from Biebergemuend, Germany

☆☆

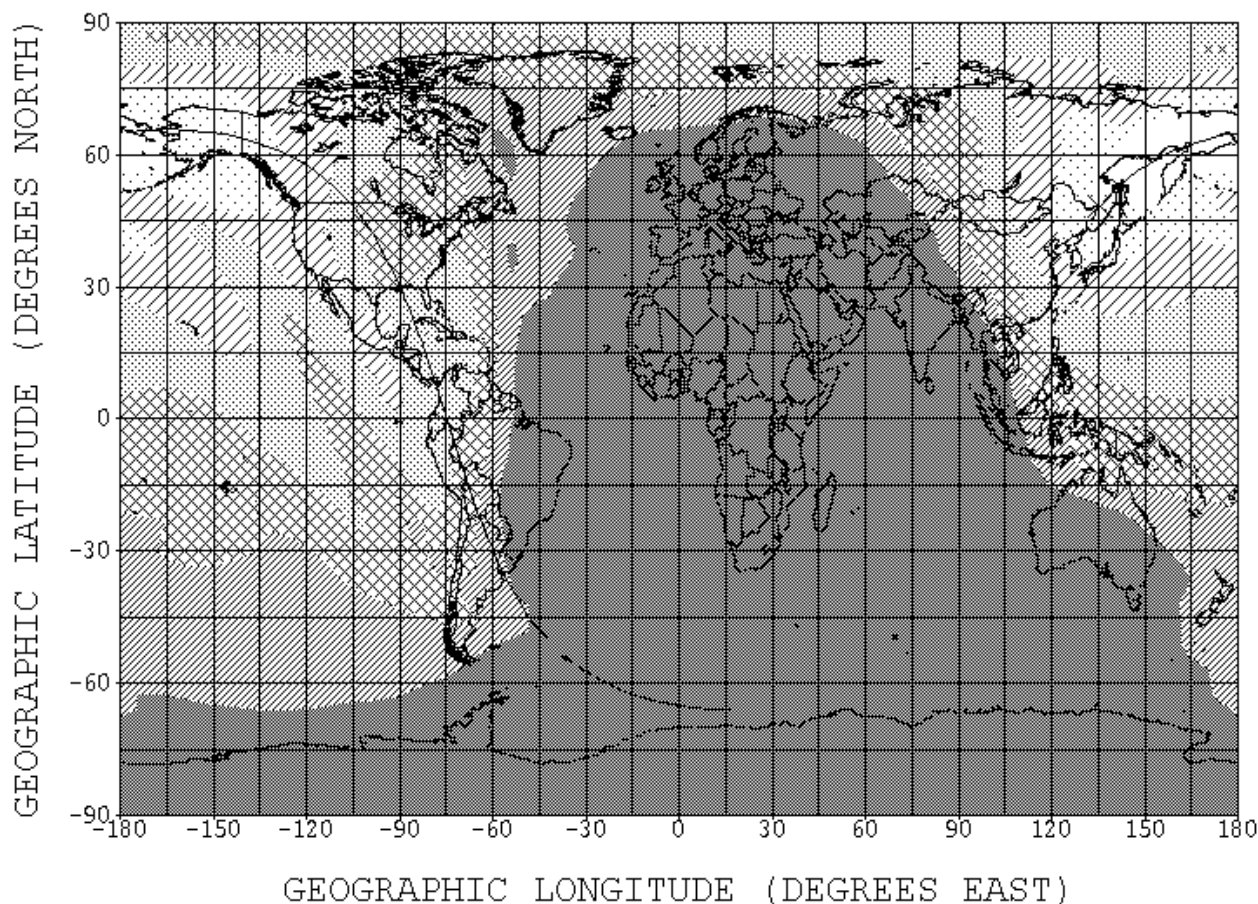
**SW Reception Propagation Radio "Tikhiy Okean"**

The station "Radiostantsiya Tikhiy Okean", English translation is "Radio Pacific Ocean", transmits its program as a service for Russian sailors on ships in the Pacific Ocean. The language of the transmissions is always Russian. The station identifies as "Vy slushaeche Radiostantsiyu Tikhiy Okean iz Vladivostoka". After a long period of no information about this station in DXM, now in this issue we have got a schedule (refer to the news section). To let us take a look at the propagation conditions of Radio Pacific Ocean, I investigated with the VOACAP computer program. On 21750 kHz the transmission from Irkutsk at 0130-0215 shows excellent condition to the Far East and South Asia, including Japan. Best propagation to North America have the transmissions in the 41m Band at 0815-0900 on 7175 kHz and 7210 kHz from Khabarovsk. As shown on the image no. 1, the conditions are good in Alaska, East Canada and Eastern and Southern parts of the USA.

Version 98.0714W



CCIR coefficients



Pic.1: Radiostantsiya Tikhyy Okean at 0900 UTC on 7175 kHz, 100 kW, 38 deg (Khabarovsk)

The program on the air in USB mode at the same time on 10344 kHz from Irkutsk covers the Pacific and Indian Ocean only (this fact explains, why they are transmitting in USB, because only ships at sea will listen to the program) - but there is a well known island in the Pacific Ocean: Hawaii. So if you are living on Hawaii, this transmission is the best choice to catch this station. Frequency 12045 kHz from Komsomolsk-na-Amure should be chosen in the areas Far East, South Asia, Japan, Australia and Hawaii too, and for the same program on 17675 kHz from Irkutsk good reception conditions are predicted to the areas Far East, South Asia, Japan, Australia and Europe (but not South Europe!). The last program segment is at 1900-1945 on 7345 kHz from Khabarovsk with good reception conditions in Alaska and Northeast Canada, while 9885 kHz from Vladivostok covers whole Asia (but not in the vicinity of the transmitter; there is a dead zone for the first hop of the wave, so no reception in Japan), Near East, Alaska and Hawaii. The transmission on 9900 kHz from Irkutsk will cover whole Asia, Australia, Africa, and most parts of Europe as shown on image no. 2. Postal address of Radiostation Tikhyy Okean: Ul. Ubnorevitsa 20 a, 690000 Vladivostok, Russia. I've found in the Internet a phone number too, given by the Irkutsk DX Circle: (423-2) 26-00-88, but not mentioned to use also for fax.

(JKB - j.kubiak@gmx.net)

**Data Input to VOAAREA** (<http://elbert.its.bldrdoc.gov/hf.html>):

Month: February 2000.

Sunspot number: SSN = 137

(<http://www.ips.gov.au/papers/richard/ssnpred.html>).

Transmitter power: 500/100 kW.

Transmitter antenna: HR4/2/0.5

Receiver telescopic antenna: No beam. Gain 0 db.

World map: Showing median field strength dbU at receiver location.