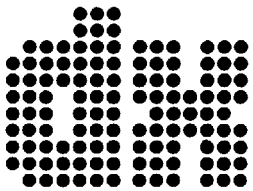


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WORLD WIDE DX CLUB



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

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. 4 is on
March 2nd, 2000, and for DX MA-
GAZINE No. 5 on April 6th, 2000.



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DX MAGAZINE No. 2

Vol. XXXV

February 2000

Hello again,

Welcome to another issue of our DX MAGAZINE. I'm sorry that our DX MAGAZINE is very late this month. Unfortunately our old LOGBOOK Editor Paul Leclair has resigned from this "job" after nearly 20 years (he started in August 1980 as Mediumwave Editor) due to personal reasons. Therefore I had to compile this month's Logbook besides all the other club work and without Paul's experience - not having written the Logbook for a long time. **Let me take this opportunity to thank Paul very much for all the hours he has invested to write the Logbook during this long period.**

We now need a new LOGBOOK EDITOR (preferably with a personal computer and e-mail access) as soon as possible. If you happen to be interested to write our Logbook in the future, please do not hesitate to write to me.

And now over to our usual news from outside the club: From May 8th to June 2nd, Turkey will host the ITU's **World Radiocommunication Conference (WRC 2000)**, an event which will play a key role in determining what kinds of wireless systems will be available at the start of the next millennium. The four-week long conference, which is held every two to three years, is the forum where countries decide on the shared use of the frequency spectrum to allow the deployment or growth of all types of radiocommunication services, from television and radio broadcasting to mobile telephony, maritime and aeronautical navigation and safety systems, and science services. Until the close of the conference on Friday 2 June, the meeting rooms of the Istanbul Convention and Exhibition Centre (ICEC) will be the home of close to 2 000 participants representing both government and private interests. Delegations led by senior government officials and including executives from the corporate world will negotiate on how to make use of the radio-frequency spectrum - a finite resource - equitably and to improve 'spectrum efficiency' of radiocommunications services - that is, the ability to deliver the same service using less spectrum or to share spectrum with other services without causing harmful interference. One of the most important tasks of each World Radiocommunication Conference is to examine and decide on proposals for new or revised frequency allocations required for the introduction of new services or expansion of existing ones. As the usable portion of the frequency spectrum becomes ever-more heavily subscribed, and as more and more new services clamour for the allocations needed to make their systems operational, the stakes at each conference are getting higher and higher.

The International Telecommunication Union (ITU) is organizing the fourth regional TELECOM event for the American continent - ITU TELECOM AMERICAS 2000. Hosted for the second time by the Government of Brazil, this event will be taking place from April 10th to 15th in Rio de Janeiro's Rio Centro.

The Association for International Broadcasting, P.O. Box 4440, Walton, CO14 8BX, United Kingdom (<<http://www.aib.org.uk>>), has just published the first issue of its new **Global Broadcasting Guide**, substituting AIB's Global Radio Guide. It is published twice a year, in January and May, and lists all the international radio programmes in English, together with a selection of leading international television channels, and tells you how to receive them, wherever you are in the world. Full contact details are given for all broadcast stations - including postal address, telephone, fax, e-mail and internet sites. The Guide has retained its handy A5 format (the January issue has 36 pages) and high production standards, but the cost is now as low as UK £1.70/US\$2.80 per copy post paid. Payment by credit card or cheque in UK £. The AIB suggests that purchasers take out a one or two year subscription.

The Ontario DX Association will be sponsoring a **Spring 2000 Radio Camp**, April 7th through 9th,

at the Lake St. George Conservation Field Centre, near Toronto. Visitors are welcome! There is no charge if you just wish to drop in to visit and do not plan to have any meals or to stay a night. If you like to attend for the full weekend, the price is \$90.00. Full information is available from ODXA, Box 161, Station A, Willowdale, Ontario M2N 5SA, Canada (Internet: <<http://www.odxa.on.ca/dxcamp.html>>).

(via Mark Humenyk)

The **GRAL - Gruppo Radioascolto Liguria**, an Italian non-profit listening club since 1987, is looking for contacts with foreign listeners. After 12 years they plan to publish once again a monthly A4 size infosheet called "Newsletter". If you are interested in their idea, please write to: Mr. Luca Botto Fiora, Via al Carmelo 5/5, I-16035 Rapallo GE, Italy.

Since January 1st, the **European DX Council (EDXC)** can be found at a new improved website at <<http://www.swl.net/edxc/>>. Webmaster is Dr. Anton J. Kuchelmeister, who is also chairman of the German DX head organization Arbeitsgemeinschaft DX (AGDX).

A new DX programme in Italian called **Onde Radio** is broadcast weekly each Sunday at 08.00 UTC on 11770 kHz via VoM - Voice of the Mediterranean. Editor of the programme is Alfredo Gallerati - IK7JGI - p./ A.I.R. Associazione Italiana Radioascolto, P.O. Box 21, I-70051 Barletta (Ba), Italy (E-mail/Internet: <galleratia@ba.dada.itweb>; <<http://www.ba.dada.it/air/gdl>>).

OM Oleg Shevelyov is looking for DX friends in Japan. Here is his address: Zaozernyi-3, 7-108, Kurgan-23, 640023 Russia (E-mail: trkhn@aport.ru).

Im Januar erschienen im Siebel Verlag, Auf dem Steinbüchel 6, D-53340 Meckenheim, völlig neu bearbeitete und erweiterte Ausgaben von zwei Büchern, die zu den Klassikern im Funkliteraturbereich zählen: **Zusatzgeräte für den Funkempfang** von Harald Kuhl und Wolf Siebel ist ein äußerst nützlicher und informativer Ratgeber, in dem alle Arten von Zusatzgeräten gründlich erklärt, vorgestellt und beurteilt werden. So erfährt der Leser alles über Antennen, Anpaßgeräte, Langwellen-Konverter, Geräte zum Mitschneiden der empfangenen Sendungen, Kopfhörer und Zusatzlautsprecher, Decodierung von Funkfernsehen, Telegrafie und Fax, Geräte zur Verminderung von Störungen, und vieles mehr. Dieses Kompendium von 288 Seiten mit vielen Fotos und Abbildungen ist erhältlich für DM 29,80 vom Verlag oder im Buchhandel (ISBN 3-89632-041-6).

In seinem Buch **Ionosphäre und Wellenausbreitung** erklärt Gerd Klawitter leichverständlich, wie weltweiter Funkempfang überhaupt funktioniert und wie man sich die Zusammenhänge zwischen Sonne, Ionosphäre und Wellenausbreitung für eigene Empfangserfolge zunutze machen kann. Neu aufgenommen wurden Tests aller zur Zeit erhältlichen PC-Programme, mit denen die Ausbreitungsbedingungen berechnet werden können. Auch die im Internet zur Verfügung stehenden Informationsquellen werden ausführlich vorgestellt. Das Buch mit einem Umfang von 192 Seiten mit vielen Zeichnungen und Grafiken (erstmalig teilweise in Farbe) ist erhältlich für DM 24,80 vom Verlag oder im Buchhandel (ISBN 3-89632-039-4).

Unter dem Motto "30 Jahre SWLCS-Kurzwellenhörerclub Saar" veranstaltet der ShortWave Listeners Club Saar in der Zeit vom 1. März bis einschließlich 6. August 2000 seinen **Jubiläums-Kontest**. Die Teilnahme ist unabhängig von jeglicher Klubmitgliedschaft. Im Kontestzeitraum sollten jeweils 2 Rundfunkstationen aus Europa, Asien, Afrika, Nord-Amerika, Süd-Amerika und Australien (inkl. Ozeanien) gehört werden. Außerdem sollte man im Kontestzeitraum jeweils ein DX-Programm des SWLCS über Radio HCJB, Ecuador, und ein DX-Programm des SWLCS über Radio Minsk, Weißrussland, empfangen. Weitere Punkte bringt der Empfang einer Rundfunkstation mit Standort im Saarland (Relaisstationen werden auch gewertet). Auch hier gilt der Kontestzeitraum. Abschließend sind noch drei Fragen zu beantworten. Die Teilnahmegebühr beträgt DM 10,00 (in bar, Verrechnungsscheck oder gültigen Postwertzeichen der Deutschen Post AG). Sie ist zusammen mit dem Kontestvordruck an die SWLCS-Zentralanschrift mit dem Vermerk "Kontest 2000" zu schicken. Einsendeschluss ist der 19. August 2000. Alle Teilnehmer erhalten ein attraktives Diplom. Wer 200 Punkte erreicht hat, nimmt an der Verlosung einiger interessanter Preise teil. Übrigens, es gibt keine Sprachbegrenzungen, d.h., es ist gleich in welcher Sprache die Stationen empfangen werden. Kontestvordrucke und die vollständigen Teilnahmebedingungen sind gegen Rückporto erhältlich vom: SWLCS c/o Peter Hell, "Kontest 2000", Postfach 1230, D-66585 Merchweiler.

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

BELGIUM: *Radio Vlaanderen Internationaal* - RVI program schedule 31.10.99 - 25.03.2000. (I asked RVI for one complete schedule, cause at the web their schedule is splitted in too much language pages. The schedule I got from Rita Penne at RVI via email is confusing too! Ed.).

Monday to Friday:

0400 BRUSSELS CALLING	11980 AM	1830 BRUSSELS CALLING	11780 ZWEU
0430 HET DAK VAN DE WERELD	11980 AM		5910 EU
0600 VOOR DE DAG (Radio 1)	5985 EU		9925 ZOEU
	9925 NZEU		13600 ZOEU
0700 KAAP DE VROEGE HOOP	5985 EU		17695 AFR
	9925 NZEU	1900 HET DAK VAN DE WERELD	13600 MO
	11690 ZOEU	7 OP 7	13600 ZOEU
0800 KAAP DE VROEGE HOOP	9925 NZEU		17695 AFR
	11690 ZWEU		13645 ZAFR
	11690 CAN	1900 OPEN DOEL	13600 MO
0800 BRUSSELS CALLING	5985 EU		5910 EU
1200 NIEUWS en ACTUEEL	9925 NZEU		9925 ZWEU
(Radio 1)	13760 ZWEU	2100 HET DAK VAN DE WERELD	15365 AFR
1200 VLAANDEREN VANDAAG	21630 AFR		5910 EU
	17685 ZOA		9925 ZWEU
	9865 OA		9925 CAN
	9865 AUS	2230 BRUSSELS CALLING	13670 AM
	17685 AUS	2300 HET DAK VAN DE WERELD	13670 AM
1230 BRUSSELS CALLING	9925 NZEU	<u>Sunday</u>	
1700 NIEUWS en ACTUEEL	9925 EU	0400 BRUSSELS CALLING	11980 AM
(Radio 1)	11780 ZOEU	0430 HET DAK VAN DE WERELD	11980 AM
1800 NIEUWS en ACTUEEL	9925 NZEU	0600 VOOR DE DAG (Radio 1)	5985 EU
(Radio 1)	5910 EU		9925 NZEU
	11780 ZWEU	0700 KAAP DE VROEGE HOOP	5985 EU
1830 BRUSSELS CALLING	9925 OEU		9925 NZEU
	5910 EU		11690 ZOEU
	13600 ZOEU	0800 KAAP DE VROEGE HOOP	9925 NZEU
	17695 AFR		11690 ZWEU
	13600 MO		11690 CAN
1900 HET DAK VAN DE WERELD	5910 EU	0800 BRUSSELS CALLING	5985 EU
(tot 2055)	9925 ZWEU	1100 LUISTERVINKEN	17695 AFR
	13600 ZOEU		21630 AFR
	17695 AFR	1200 NIEUWS	13760 ZWEU
	15365 AFR	ONDER ONS	9925 EU
	13645 ZAFR	1200 VLAANDEREN VANDAAG	21630 AFR
	13600 MO		17685 ZOA
2100 HET DAK VAN DE WERELD	5910 EU		9865 OAZ
	9925 ZWEU		9865 AUS
	9925 CAN		17685 AUS
2230 BRUSSELS CALLING	13670 AM	1230 BRUSSELS CALLING	9925 NZEU
2300 HET DAK VAN DE WERELD	13670 AM	1400 DE SPORTMARATHON	9925 NZEU
<u>Saturday (until 1000 see Monday-Friday)</u>		(RADIO 1)	13740 ZWEU
1200 NIEUWS (Radio 1)	9925 EU		13740 CAN
FIN.INFO - GOLFGIDS	13760 ZWEU		21820 AFR
1200 VLAANDEREN VANDAAG	21630 AFR	1700 NIEUWS (Radio 1)	9925 EU
	17685 ZOA	VOETBALUITSLAGEN	11780 ZOEU
	9865 OAZ	1800 NIEUWS (Radio 1)-	9925 NZEU
	9865 AUS	VOETBAL - ONDER ONS	5910 EU
	17685 AUS		11780 ZWEU
1230 BRUSSELS CALLING	9925 NZEU	1830 BRUSSELS CALLING	5910 EU
1700 NIEUWS (Radio 1)	9925 EU		9925 OEU
ONDER ONS	11780 ZOEU		13600 ZOEU
1800 NIEUWS (Radio 1)	5910 EU		17695 AFR
FIN.INFO-GOLFGIDS	9925 NZEU		13600 MO
		1900 HET DAK VAN DE WERELD	5910 EU

DE TOESTAND IS	9925	ZWEU	2100	HET DAK VAN DE WERELD	5910	EU
HOPELOOS ...	13600	ZOEU		DE TOESTAND IS	9925	ZWEU
	17695	AFR		HOPELOOS...	9925	CAN
	15365	AFR	2200	DAB KLASSIEK		
	13645	ZAFR	2230	BRUSSELS CALLING	13670	AM
	13600	MO	2300	HET DAK VAN DE WERELD	13670	AM

AFR - Afrika
 CAN - Canarische eilanden
 ZWEU - ZuidWest-Europa
 NZEU - NoordZuid-Europa
 AUS - AUStralië
 AM - Noord-Zuid-Centraal Amerika
 ZOA - Zuid Oost-Azië (Rita Penne - RVI via JKB, Jan 00)

ZAFR - Zuid-Afrika
 EU - Europa
 ZOEU - ZuidOost-Europa
 OEU - Oost-Europa
 MO - Midden-Oosten
 OAZ - Oost-Azië

BHUTAN: *BBS Thimpu* since December has this new sked: Mo-Fr 5030 0800-1115 & 1300-1330 Dzonkha, 1115-1200 Nepali (nx at 1115), English 1200-1300 (nx at 1200); Sa 6035 0600-0900 Dzonkha, 0900-1000 Nepali (nx 0900), English 1000-1100 (nx at 1000, Top 20 Countdown show with listeners Message 1015-1100); Su 0400-0900 Dzonkha, 0900-1000 Nepali (nx 0900), English 1000-1100 (nx 1000, request show 1015-1100). (Alok das Gupta via EDXP #154, 20 Jan 00)

CHINA (Peoples Rep.): *Xinjiang PBS* switched to winter frequencies. Chinese to 6100 from 7385. Kazakh to 4330 from 5440. Uygur to 5800 from 7195. Mongolian remains unchanged on 4980, 5060. (Olle Alm via BC-DX #447, Jan 8)

China Radio International - CRI, all languages schedule effective from Sep. 6, 1999. (for newer English sked see former DXM issue, Ed.)

UTC Languages

0000-0027 Hakka 15400 15260 15100 11945 9460 7335 6550 6140 6010 5250

0000-0057 Russian 7110 4815 1521
 Spanish 11850G 11650 7160

0030-0057 Chaochou 15400 15260 15100 11945 9460 7335 6550 6140 6010 5250
 Portuguese 11680 7245

0100-0157 Russian 1521
 Spanish 11650 9665BR 5250

0200-0257 Chinese 15435 9690E 9570Cuba
 Spanish 13685G 11650

0300-0357 Chinese 9720G
 Spanish 11765BR 9560C
 Russian 17755 15435 15110

0830-0857 Hausa 7170M

0830-0927 Indonesian 17735 15135 8660

0900-0957 Chinese 17785 15440 12015 11875 11700 11685 9945 9550 8450 7180 6010 5250

0930-1027 Malay 17680 15135 8660

0930-1527 Japanese 9855 7190 1044

1000-1057 Cantonese 15440 11915 11875 11650
 Chinese 17785 12015 11685 8450 6010 5250
 Russian 9695 7820 7110 5145 4815 1323 1116 963

1030-1127 Cambodian 15165 9440 6550 1080
 Indonesian 15135 11445 8660

1100-1127 Esperanto 9535 8450 7170

1100-1157 Cantonese 17785 15440 11875 11685 7335
 Mongolian 5850 5145
 Russian 7820 7110 4815 1521 1323 1314 1116 963
 Vietnamese 9550 5250 1296

1100-1257 Korean 4020 1017

1130-1157 Burmese 11825 9880 6550 1269 1188
 Tagalog/English 11700 8660 1341

1130-1227 Thai 9785 8450 7360 6010

1200-1227 Tagalog/English 12110 11700 8660 1341

1200-1257 Cambodian 9870 9440 6550 1080
 Cantonese 9590
 Mongolian 5850 5145 4883 4815 1314
 Russian 1521 1323 963
 Vietnamese 9550 5250 1296
 1200-1357 Chinese 17785 15260 11875 11685 9570Cuba to1257 9440[from 1258] 9365
 1230-1327 Lao 8450 7360 6010
 Malay 15135 11445 8660
 1300-1327 Burmese 11780 9880 6550 1269
 Esperanto 11840 11600
 1300-1357 French 17880M
 Russian 7820 5850 5145 4883 4815 1521 1323 1314 963
 Vietnamese 9550 5250 1296
 1300-1457 Korean 4020 1017
 1330-1357 Burmese 11780 9880 6550 1269
 1330-1427 Indonesian 15135 11445 8660
 Thai 8450 7360 6010
 1400-1427 Sinhalese 15145 11900 1188
 Tamil 9730 11575
 Turkish 15165 6140
 1400-1457 Amoy 11685 11650 9715 7335
 Cambodian 15180 9945 9440 6550
 Mongolian 4883 4815
 Russian 1521 1323 963
 Vietnamese 9550 5250 1296 684-Dongfang Hainandao
 1430-1457 Sinhalese 15145 11900 1188
 Tagalog/English 12110 8660 1341
 Tamil 15165 11575 9730
 1430-1527 Lao 8450 7360 6010 1080
 1500-1527 Bengali 11825 11810 8660 5220 1188
 Nepalese 9535 7215 1269
 Pashto 11880 9665
 Persian 11750 9570
 1500-1557 Chinese 15300 9460 6550
 Hindi 9690 7590 7235 7145
 Russian 9730 7245 6180 4883 4815 1521 1323 963
 Vietnamese 9550 5250 684-Dongfang Hainandao
 1530-1557 Bengali 11825 11810 8660 5220 1188
 Nepalese 9535 8450 7215 1269
 Pashto 11880 9665 9570
 1600-1627 Swahili 11600 9870 5250
 Turkish 11685 7145 6550
 Urdu 7590 7175 5220 1323
 1600-1657 Arabic 17880M 15490 15125M 11720 9670 7130R(St.Peterburg)
 Hakka 11825 9770
 Hindi 9690 8660 7235 1269
 Russian 9695 9605 6065 5965 9860 9730 7265 1521
 Vietnamese 8450 7360 6010 684-Dongfang Hainandao
 1630-1657 Swahili 11600 9870 5250
 Urdu 7590 7175 5220 1323
 1700-1727 Swahili 15125M 12015 11970M 5250
 1700-1757 Cantonese 9770 7590 7235 7220
 Russian 9860 9795 9730 9670 9605 9365 7265 7245 6065 5965 1521 1323
 1730-1757 Hausa 11970M 9890M
 1730-1827 Chinese 9645 9595 7800 7315 7160 7110 5250
 1800-1827 Hausa 11970M 9890M 7405
 Hungarian 9860 7265 6020
 Persian 9670 9550 7215 6165 7130(Peterburg)
 1800-1857 German 9695 7590 5970[!]
 Russian 9795 9730 9605 9535F 9365 7245 7150 1521
 1830-1857 Bulgarian 9860 7265 6020
 Italian 9965 7405

Persian 9785 9670 9550 7215 6165
 1830-1927 Arabic 15530M 13685M 7315 7200R(Moscow Kurovskaya)
 French 9645 7800 7160 7110 5250
 1900-1927 Albanian 9965 7265
 Czech 7150 6020
 Romanian 9860 7305F
 Portuguese 9535 7180
 Turkish 9785 7405
 1900-1957 Cantonese 9730 7255
 German 9695 7590 5970[!]
 Russian 9795 9605 9365 7245 1521 1323 1116
 1930-1957 Albanian 9965 7405
 Czech 7305F 7150
 Romanian 9860 6020
 Portuguese 15500M 11975M[11735 reported instead] 7265
 Turkish 1170R(Krasnodar)
 1930-2027 French 9645 7800 7315 7160 7110 5250
 2000-2027 Esperanto 9965 7405
 Polish 7150 6150F 6020
 Serbian/Croatian 9860 9365 7265
 2000-2057 Chinese 9730 9685 9595 7660 7245 7225 7120 6165
 Russian 9795 9605 7255
 2030-2057 Bulgarian 9860 6150F
 Hungarian 9365 6020
 Italian 9965 7265
 Polish 7405 7150
 2030-2127 French 7800 7215R(Samara) 7160 7110 6140 5250
 2100-2127 Albanian 6150F
 Italian 9965 9365
 Serbian/Croatian 9860 7405
 2100-2157 Arabic 9765 9685 7260 6165
 Spanish 7225 6020
 2130-2157 Hungarian 7120 6150F
 2130-2227 French 15500M 11975M 7800 7160 7110 6140 5250
 2200-2227 Portuguese 7245 5965
 2200-2257 Spanish 9640 7225 7120 6020
 2230-2257 Chinese 15500M 11975M 11700 7150
 Esperanto 9860 5965
 2230-2327 Chinese 15400 15260 15100 11945 9460 7335 6550 6140 6010 5250
 2300-2357 Chinese 11975M 7170M
 Russian 7110 4815
 Spanish 7245 7160
 2330-2357 Cantonese 15400 15260 15100 11945 9460 7335 6550 6140 6010 5250
 (CRI, Nov 10, via WB)

CHINA (TAIWAN): English schedule B99 of *Central Broadcasting System of Taiwan - CBS*. Transmitter information by Michael Beesley-UK, British WDXC Contact at Jan 2000 via BC-DX#448: * = WYFR USA, # = Skelton UK.

Radio Taipei International

Program Section 1:

0200-0300	15345, 11825	Southeast Asia
	11740	North America, Japan, Korea
	5950*, 9680*	North America
0700-0800	5950*	North America
1200-1300	9610	New Zealand, Australia
	7130	Japan, Korea
2200-2300	9355*, 5810*	Europe

Program Section 2:

0300-0400	15345, 11825	Southeast Asia
	11745	Japan, Korea
	5950*, 9680*	North America

1400-1500 15125 Southeast America
 1800-1900 3965# The west of Europe
Voice of Asia
 1100-1200 585, 7445 Southeast Asia
 1500-1600 1206 Mainland China
 (CBS webpage last-modified 03 Nov 1999 via JKB)

DENMARK: B99 schedule of *Radio Denmark* in the Danish language via facilities of Radio Norway. The News service in English on the Internet and teletext will be available shortly, but is available on MW 1062 kHz, Monday to Friday at 0840, 1100, 1710 and 2200.

UTC	Target	kHz	Beam
0930-0955	Australia, Europe (south west), South America	13800	250
	Far East, New Zealand	15175	35
1030-1055	Europe, Middelhavet, Canary Islands	15735	180
	South America, Canary Islands, Africa (west)	21490	235
1130-1155	Europe, Middelhavet, Canary Islands	13800	180
	South America, Canary Islands, Africa (west)	21490	235
1230-1255	Far East, (New Zealand)	13800	35
	Europe, Middelhavet, Canary Islands	15735	180
	North America (east), Caribbean	18950	280
	South East Asia, Australia (west), Russia	21755	72
1330-1355	Europe	9590	180
	Far East, (New Zealand)	13800	35
	North America (east + central), Greenland	18950	300
	South East Asia, Australia (west), Russia	21755	72
1430-1455	SAs (India), ME (east), Russia, SE-Europe	15705	95
	North America (east + central), Greenland	18950	300
1530-1555	Russia, SE-Europe, ME (east), SAs (India)	13800	95
	Middle East (west)	15705	120
	North America (west), Greenland	15735	315
1630-1655	Russia, Europe (south east)	9590	95
	SE-Europe, ME (west), Africa (east)	13800	145
	North America (west), Greenland	15735	315
1730-1755	Europe	7485	180
	Russia	9970*	95
	SE-Europe, Middle East (west), Africa (east)	15705	145
	North America (east), Caribbean	18950	280
1830-1855	Europe	5960	180
	Europe	7485	165
	Africa	15705	165
	Africa	15705	165
	North America (east + central), Greenland	18950	300
1930-1955	Europe (N + C), Scandinavia	243/1062	ND
	Europe, Canary Islands	7485	180
	New Zealand	9940	35
	Africa (west, central + south)	13800	180
	North America (west), Greenland	15705	315
2030-2055	Australia	7465	65
	Europe, Canary Islands	7485	165
	North America (west), Greenland	15705	315
2130-2155	Europe, Canary Islands	7485	195
	Australia	9945	65
2230-2255	South America, Canary Islands	9415	235
	Far East	9925	35
2330-2355	South America	9415	250
	South East Asia, Australia (west)	9940	80
	North America (east), Caribbean	9945	280
0030-0055	South East Asia	9935	80
	North America (east), Caribbean	9945	280
0130-0155	North America (east + central), Greenland	7465	300

	South Asia (India)	7490	95
	North America (east), Caribbean	9945	280
0230-0255	North America (east + central), Greenland	7465	300
	South Asia (India)	7490	95
	North America (east), Caribbean	9945	280
0330-0355	North America (west), Greenland	7465	315
	SE-Europe, Africa (east), Middle East (west)	7490	145
	Middle East (east)	7565	110
0430-0455	North America (west), Greenland	7465	315
	SE-Europe, Africa (east), Middle East (west)	7490	145
	Middle East (west)	7565	120
0530-0555	Russia	7465	95
	Europe	7485	180
0630-0655	Europe	5965	180
	Europe, Canary Islands	7180	180
	SW-Europe, Canary Islands, NW-Africa	9590	220
	Africa	13800	165
0730-0755	Europe, Canary Islands	7180	195
	Europe, Canary Islands	9590	180
	Africa (west)	18950	180
0830-0855	Australia, Europe (south west), (South America)	13800	250
	Middle East (east)	15175	110

(RDK webpage via JKB, Jan 00)

ECUADOR: B99 changes (underlined) in schedule (revision 21 January 2000) since last publication in DXM of *The Voice of the Andes - HCJB*, Quito, valid until 25 Mar 2000. Address: Radio Station HCJB, Casilla 17-17-691, Quito, Ecuador. Fax: +593-2-447263. Frequency Manager: Douglas Weber, E-Mail: dweber@hcjb.org.ec

Lang	UTC	freq kHz	power kW	Azim degr	Target	days SMTWTFS
ENGLISH	0700-0900	<u>9780</u>	250	34	Europe	1111111
FRENCH	1900-1930	<u>17795</u>	<u>500</u>	40	Europe	1111111
GERMAN	0930-1000	<u>11980</u>	100	<u>150</u>	S.America	1111111
	2100-2130	<u>12025</u>	100	42	Europe	1111111
SPANISH	2130-2230	<u>12025</u>	100	42	Europe	1111111

Broadcasts from Great Britain, Rampisham. All the FSU languages are not deleted, as mentioned in last printed schedule in DXM:

<u>BASHKIR</u>	1700-1715	11760	500	62	Central Asia	1000000
<u>UZBEK</u>	1700-1715	11760	500	62	Central Asia	0101000
<u>TAJIK</u>	1700-1715	11760	500	62	Central Asia	0010100
<u>TATAR</u>	1700-1715	11760	500	62	Central Asia	0000011
<u>GEORGIAN</u>	1715-1730	11760	500	62	Central Asia	1000000
<u>RUSSIAN</u>	1730-1815	11760	500	62	Central Asia	1000000
<u>RUSSIAN</u>	1715-1815	11760	500	62	Central Asia	0111111
<u>UKRANIAN</u>	1815-1830	11760	500	62	Central Asia	1111111
<u>ARABIC</u>	2100-2200	<u>9880</u>	250	165	NoAfrica	1111111

(HCJB frequency webpages last updated 29 Jan 2000 via JKB)

GERMANY: December 31st was the last day of broadcast for seven language services of *Deutsche Welle - DW*: Czech, Slovak, Slovenian, Hungarian, Japanese, Spanish, and Portuguese services were eliminated because of budget cuts brought on by German government austerity measures. (Comm via JKB, 8 Jan 00)

GUAM (USA): Frequency winter schedule changes (underlined) valid March 27, 2000 of *KTWR - Guam* since last publication in DXM.

Hakka	<u>1230-1300</u>	Daily	15290	China
<u>Musl.Bengali</u>	<u>1400-1415</u>	<u>Mon-Tue</u>	<u>15545</u>	<u>South Asia</u>
<u>Tamil</u>	<u>1400-1415</u>	<u>Wed-Sun</u>	<u>15545</u>	<u>South Asia</u>

(TWR webpage last modified 10 Jan 2000 via JKB)

	EAs	9750			SEAs	11665, 17810	
	Eu	11710B		2200-2300J	CAM	11895F	
	ME	15230G			EAs	9790	
	NAm	9835			Eu	6050B, 6115B	
	Oceania	11850, 11920I			NAm(E)	11705C	
	SAm(E)	9530F			NAm/CAM	17825	
	SAs	15590			SAm(E)	15220A	
	SEAs	11740I, 17860			SEAs	17810	
0900-1000	Af(W)	17650A		2300-0000	EAs	9790	
	Am/HWI/SAm	9685			SEAs	17810	
	CAM	12030		<u>relay home sce NHK R. One</u>			
	EAs	9750		Korean	0400-0430	EAs	15570
	Eu	11710B			0500-0530	EAs	15570
	ME	15230G			1100-1130	EAs	6090
	NAm	9835			1200-1230	EAs	6190
	Oceania	11850, 11920I			1400-1430	EAs	6190
	SAm(E)	9530F			2210-2230	EAs	9560
	SAs	15590		Malay	1200-1230	SEAs	9695, 13660
	SEAs	11740I, 11815			1400-1430	SEAs	7200
1000-1300J	EAs	9750			2240-2300	SEAs	11815
	SEAs	11815		Persian	0230-0300	ME	9515G
1300-1500J	EAs	9750			0830-0900	ME	17820S
	Eu	17695B		Portuguese	0230-0300	SAm(E)	15590F
	NA(E)	11705C			1030-1100	SAm(E)	15590F
	SEAs	11815		Russian	0330-0400	EAs	15570
1500-1600	Af(C)	17885A			0430-0500	Eu	12030G
	NAm/CAM	9535			0600-0630	FER	11715, 11760
	SAm(W)	15310F			0800-0830	FER	6145, 6165
	SAs	12045S			1130-1200	Eu	11710B
1600-1700	Af(S)	15355G			1300-1330	EAs	6190
	Am/HWIU	9835			1840-1900	Eu	12000
	EAs	6035, 9750			1900-1920	FER	11715
	Eu	12000		Spanish	0400-0430	SAm(W)	9660F
	NAm/CAM	9535			0500-0530	CAM	11895F
	Oceania	7140				Eu	12030G
	SAs	11730, 12045S			1000-1030	CAM	12030
	SEAs	7200				SAM	9685
1700-1800	Af(E)	21630A			1000-1030	SAM(E)	15590F
	Am/HWI	9835			1820-1840	Eu	12000
	EAs	6035		Swahili	0330-0400	Af(E)	6135A
	ME	11880S			1200-1230	Af(E)	17790A
	Oceania	7140		Swedish	0545-0600	Eu	12030G
	SEAs	7200			1045-1100	Eu	21700G
1800-1900	EAs	6035		Thai	1130-1200	SEAs	11740I
	ME	11880S			1330-1400	SEAs	7200
	SEAs	7200			2300-2320	SEAs	13650
1900-2000J	EAs	6165, 9790		Urdu	0230-0300	SAs	11890S
	SEAs	11665, 17810			0730-0800	SAs	11890S, 15590
2000-2100J	EAs	6165, 9790		Vietnamese	1100-1130	SEAs	13660
	Oceania	6035I, 11850			1200-1230	SEAs	11740I
	SEAs	11665, 17810			2320-2340	SEAs	11815
2100-2200J	EAs	9790					

STATION: Yamata(G.C: 139.50E/36.10N): 3x100kW and 7x300kW. And a 100kW transmitter is reserved.

Relays: B = Skelton or Woofferton, UK 250kW - C = Sackville, Canada 250kW - F = Montsinery, French Guiana 500kW - G = Moyabi, Gabon 500kW - I = Kranji, Singapore 250kW - S = Ekala, Sri Lanka 300kW - A = Ascension Island 250kW.

NIHON SHORT-WAVE BROADCAST. CO., LTD. (Radio Tampa)

Call	kHz	kW	Prgr.
JOZ	3925	50	1
JOZ4	*3925	10	1
JOZ5	3945	10	2/1
JOZ2	6055	50	1
JOZ6	6115	50	2
JOZ3	9595	50	1
JOZ7	9760	50	2

There are satellite channels for both prgrs. *) Nemuro; others Nagara, Chiba (east of Tokyo).

1st Prgr: 2030(seasonally 2020)-1445(1510 Fri and Sun, 1530 Sat) on 3925/6055/9595 kHz; as above except 2300-0750 on 3925 kHz(Nemuro). as above except 2300-1300 on 3945kHz.

2nd Prgr: 2300-1300 on 3945 kHz. 2300-1000 6115 kHz, 2300-0800 9760kHz.
(Version Oct. 30, 1999 at DXA website via JKB)

MALTA: New schedule for *Voice of the Mediterranean*:

Day	kHz	UTC	
Mon-Sat	7150	0500-0530	Italian
		0530-0600	Arabic
	7440	0600-0630	English
		1900-2000	English
Sunday	17570	2000-2100	Arabic
		0500-0600	Japanese
	11770	0700-0800	Italian
		0800-0900	English
		0900-1000	Maltese
		1000-1100	French
7440	1100-1200	German	
	1900-2000	English	
	2000-2030	French	
		2030-2100	German

(VoM webpage last modified 29 Jan 2000, via JKB)

MISCELLANEOUS: List of *VOLMET stations* transmitting airport weather information in USB Mode from Former Soviet Union.

2941	UKR	Kiev
	RUS	Moscow
5691	RUS	Irkutsk
8819	AZE	Baku
	GEO	Tilbisi
8861	RUS	Kirensk
8888	RUS	Syktyvkar
	RUS	Tyumem
8939	LVA	Riga
	RUS	Rostov
	RUS	St. Petersburg
11297	RUS	Rostov (Radiorama # 1/2000 & BDXC Bulletin 2000/1)

MONGOLIA: *Voice of Mongolia*, new sked:

English
1200-1230 12085 (Australia), 1500-1530 9720 12085 (SAs), 2000-2030 9720 12085 (Eu);
Russian
0830-0900 12085 (As), 1300-1330 12085 (Siberia), 1930-2000 9720 12085 (Eu); Chinese
1000-1030 & 1130-1200 12085 (As), 1430-1500 9720 12085 SAs;
Japanese
0900-0930 & 1030-1100 12085 (As), 1320-1350 12015 (As);
Mongolian
0930-1000 1208 (As), 1110-1140 12085 (SAs).
(Karl Kruger and RVI via Cees van Oudheusden, all via EDXP #154, Jan 00)

NEW ZEALAND: *Radio New Zealand International - RNZI* new transmission 1005-1205 on 17690 by 2 hours for the benefit of NZ Peace keeping Troops based in Bougainville and East Timor. The NZ Military have requested News and Current Affairs programs to keep in touch with what is happening at home. The 2 hour extension contains programs broadcast earlier. Late Edition first broadcast 0900-1000 is repeated from 1100-1200. Valid schedule 9 Jan to 19 March 2000:

1650-0605	17675	Monday to Friday
1850-0605	17675	Saturday & Sunday
0605-1205	17690	Daily

However for occasional over-night broadcasts to the Pacific eg. Cyclone Warnings frequencies are as follows: 1005-1505 UTC 6105 kHz 1505-1650 UTC 6145 kHz. (RNZI website last-modified 18 Jan 2000 via JKB)

POLAND: Polish Radio Warsaw B99 external service valid until to March 26 2000.

POLISH	1100-1129	7285, 6015
1130-1159	7285, 6015	
1200-1225	7285, 7270	
1630-1729	7285, 6035	
2200-2259	7270, 6095, 6035	
LITHUANIAN	1100-1129	7285, 6015
1400-1425	7305, 6095	
1600-1629	7180, 6035	
RUSSIAN	1100-1129	7285, 6015
1200-1229	9540, 7305	
1400-1429	9525, 7285	
1530-1555	7275, 6095	
1900-1929	7180, 6000	
2000-2025	7215, 7270, 6095, 6035	
UKRAINIAN	1100-1129	7285, 6015
1530-1559	7285, 6110	
1600-1625	7205, 6095	
1630-1655	7180, 6095	
1730-1755	7180, 6035	
1930-1959	7270, 7205, 6035, 6000	
2130-2155	7270, 6095	
CZECH	1100-1129	7285, 6015
	1700-1725	7215, 6095 (except Sun)
	SLOVAK	
	1100-1129	7285, 6015
	1700-1725	7215, 6095 (Sun only)
	BELARUSSIAN	
	1230-1255	7285, 6050
	1430-1529	7275, 5995
	1730-1759	7285, 6165
	1800-1855	7180, 6035
	2130-2155	7285, 6085
	ESPERANTO	
	1900-1925	7285, 7225
	2000-2029	7205, 6095
	ENGLISH	
	1300-1359	11820, 9525, 7270, 6095
	1800-1859	7285, 6000
	2030-2129	9525, 7285, 6095, 6035
	GERMAN	
	1230-1259	9525, 6095
	1500-1525	7285, 6095
	1900-1929	6035

(Polish Radio webpage updated 16 Dec 99 via JKB)

SEYCHELLES: The *Far East Broadcasting Association - FEBA*, a U.K. based religious international broadcaster with shortwave transmitters in Seychelles. Transmitter Site (SEY): 04 deg 36" S, 55 deg 28" E. B: Broad beam of 68deg at -6dB, CHR 2/3/0.5 N: Narrow beam of 35deg at -6db, CHR(S)4/3/0.5, slew +/-12 or 18deg. FEBA Radio is a Christian evangelical broadcaster and an autonomous member of the Far East Broadcasting Company which also operates Christian radio stations in the Philippines, Russia, Saipan and South Korea. Postal address: FEBA Radio, Ivy Arch Road, WORTHING BN14 8BX, UK. Website: <www.febo.org.uk>. Broadcast Schedule, Winter B99 31st October 1999 to 26th March 2000:

Time UTC	Days	Languages	Frequency kHz	Azimuth deg	Power Kw					
NORTH INDIA, NEPAL, TIBET										
0030-0100	smtwtfs	HINDI	7350	040 B	100	1445-1500	.....s	TULU	15445	052 N 100
0100-0115	smtw...	MARATHI	7350	040 B	100	1445-1515	s.....	KANNADA	15445	052 N 100
0045-0100	smtw...	BANGLA	9480	040 N	100	1500-1515	.mtwtfs	KANNADA	15445	052 N 100
0815-0900	....t..	HINDI	15460	040 N	100	1500-1600	smtwtfs	ENGLISH S.Asia	11600	040 B 100
1145-1200	s.....s	TSANGLA	15445	040 N	100	1630-1700	s.....	ENGLISH S.Asia	11605	052 N 100
1200-1230	smtwtfs	TIBETAN	15445	040 N	100	1630-1700	.....f.	DHIVEHI	11605	052 N 100
1230-1245	smt....	MUNDARI	15445	040 N	100	PAKISTAN, AFGHANISTAN, IRAN				
1230-1245	...w.fs.	BHOJPURI	15445	040 N	100	0200-0215	smtwtfs	URDU Pakistan	11640	028 N 100
1230-1245	....t..	NAGPURIA	15445	040 N	100	0200-0215	s....fs	SIRAIKI	9480	028 N 100
1245-1300	s.....	MARATHI	15445	040 N	100	0200-0215	.mt....	HINDKO	9480	028 N 100
1245-1300	..twt..	PUNJABI India	15445	040 N	100	0215-0230	smtwtfs	SINDHI	9480	028 N 100
1245-1300	.....f.	MARWARI	15445	040 N	100	0230-0245	s....fs	BALUCHI	9480	028 N 100
1245-1300	.....s	BHILI	15445	040 N	100	0230-0245	....t..	BALUCHI S.Iran	9480	358 N 100
1300-1315	.m.wt..	ORIYA	15445	040 N	100	0230-0245	.m....	BRAHUI	9480	028 N 100
1330-1345	sm.....	NEPALI	15445	040 N	100	0215-0230	smtw..s	PUNJABI Pakistan	11640	028 N 100
1330-1345	..twt..	CHATTISGARHI	15445	040 N	100	0230-0245	smtwtfs	PUSHTO	11640	028 N 100
1330-1345	.....s	MAGHI	15445	040 N	100	0230-0245	smtwtfs	PUSHTO	15555	028 N 100
1315-1330	smtwt.s	GUJARATI	15445	040 N	100	0245-0300	smtwtfs	DARI	11640	028 N 100
1315-1345	.....f.	GUJARATI	15445	040 N	100	0245-0300	smtwtfs	DARI	15555	028 N 100
1400-1415	smtwt..	URDU India	11600	040 B	100	0300-0315	....f.	HAZARAGI	15555	028 N 100
1400-1500	....fs	HINDI	11600	040 B	100	0245-0300	s....fs	AZERI	11600	358 N 100
1415-1500	smtwt..	HINDI	11600	040 B	100	0300-0330	smtwtfs	PERSIAN	11600	358 N 100
1415-1445	smtwtfs	BANGLA	15445	040 N	100	0430-0500	....f.	DARI	15555	028 N 100
1500-1600	smtwtfs	ENGLISH S.Asia	11600	040 B	100	1400-1443	smtwtfs	URDU Pakistan	9810	040 B 100
SOUTH INDIA, MALDIVES, SRI LANKA										
0115-0145	smtw...	TELOGU	7350	040 B	100	1443-1458	..wtfs	HINDKO	9810	040 B 100
0115-0200	....tfs	TELOGU	7350	040 B	100	1443-1458	s.....	URDU Pakistan	9810	040 B 100
0100-0200	smtwtfs	TAMIL	9480	052 N	100	1458-1513	s.....s	BALTI	9810	040 B 100
0815-0900	....f.	ENGLISH S.Asia	15460	052 N	100	1600-1615	smtwtfs	HAZARAGI	9785	028 N 100
0815-0830	.....s	TELOGU	15460	052 N	100	1615-1630	s.....f.	DARI	9785	028 N 100
0815-0830	s.....	MALAYALAM	15460	052 N	100	1615-1645	.mtwt.s	DARI	9785	028 N 100
0830-0845	s.....	BADAGA	15460	052 N	100	MIDDLE EAST				
0845-0900	s.....	TAMIL	15460	052 N	100	0345-0445	smtwtfs	ARABIC	15530	340 B 100
1300-1330	smtwtfs	MALAYALAM	11640	052 N	100	0500-0558	s.....	TAGALOG M.East	15555	340 B 100
1330-1345	smtwtfs	TAMIL	11640	052 N	100	0530-0600	....f.	SINHALA M.East	15555	340 B 100
1330-1400	smtwtfs	SINHALA	9810	052 N	100	1000-1058	....f.	TAGALOG M.East	15535	340 B 100
1345-1400	sm.....	BADAGA	11640	052 N	100	1100-1300	smtwt.s	ARABIC	15535	340 B 100
1445-1500	.....f.	KONKANI	15445	052 N	100	1100-1245	....f.	ARABIC	15535	340 B 100
						1245-1300	....f.	ENGLISH	15535	340 B 100
						1800-1900	....f.	MALAYALAM	11600	340 B 100
						EAST AFRICA, ETHIOPIA, SUDAN, INDIAN OCEAN				
						0315-0400	smtw..s	SWAHILI	11885	280 B 75
						0315-0345	....tf.	SWAHILI	11885	280 B 75

0345-0400	....f.	ENGLISH	11885	280 B	75	1600-1615	.mtw...	TIGRINYA	11640	322 N	100
0400-0415	....t..	PORTUGUESE	9455	232 N	75	1615-1630	.mtw...	GURAGENA	11640	322 N	100
0400-0430	smtw.fs	PORTUGUESE	9455	232 N	75	1615-1700	smtwtfs	SWAHILI	11885	280 B	75
0915-0930	smtwtfs	FRENCH	15430	208 N	75	1630-1700	smtwtfs	AMHARIC	11640	322 N	100
1515-1530	smtwtfs	NUER	11885	280 B	75	1700-1730	s.....	OROMO	11640	340 B	100
1530-1545	smtwtfs	DINKA	11885	280 B	75	1700-1745	smtwtfs	SOMALI	9485	340 B	100
1545-1615	.....s	MAKONDE	11885	280 B	75	1700-1730	smtwtfs	SOMALI	11885	280 B	75
1600-1615	smtwtf.	MAKONDE	11885	280 B	75	1833-1848	..tw...	FRENCH	9500	280 B	75
1600-1630	s....fs	AMHARIC	11640	322 N	100	1833-1903	sm..tfs	FRENCH	9500	280 B	75

(FEBA schedule B99BS5 dated 21 Jan 00 via JKB)

SWITZERLAND: The future of shortwave at SRI discussed by Ron Popper, head of English at *Swiss Radio International - SRI*. SRI will continue broadcasting on shortwave until its current franchise expires in 2002. In the meantime, other media, particularly the Internet, are being developed. While there is a shift to other media, it has not yet been decided that SRI shortwave will end or continue after 2002. (Comm via JKB, 17 Dec 99)

TAJIKISTAN: *Radio Dushanbe* logged on 7245 at 1645-1700 in German, new program language not given in schedule, followed regular by English transmission. (MF in Jan 00)

TATARSTAN: The station "Tatarstan Awazy" (*Voice of Tatarstan*) now confirms listeners reports with QSL cards. You may address your reports to: QSL manager, P.O.Box 134, Kazan, Tatarstan, 420136, Russia. Unfortunately, due to the lack of funds, station asks its listeners to compensate costs of printing and posting the cards. The return postage is 1 IRC for Russia and CIS states, and 2 IRCs (or 1 US\$) for the rest of the world. Alternatively, listeners in Russia may send mint stamps (3 x postage price of ordinary internal letter). The station also introduced the honorary diploma. To receive it, applicants must send in 12 correct reports during a year. The diploma costs 2 IRCs for Russia, and 4 IRCs for abroad. Direct your applications to the above address. You will receive the detailed diploma conditions together with your first QSL.

Voice of Tatarstan - Schedule valid until 25 March 2000:

0500-0600 15105 kHz (for Far East)
 0700-0800 15105 kHz (for North-West Asia)
 0900-1000 11915 kHz (for Europe)

The last programme of the day is also relayed locally on 252 kHz.

Language is mostly Tatar. Regular broadcasts in Russian go out only on Wed (3rd transmission) and Thu (1st and 2nd transmissions). Irregularly they appear on Mon (3rd transmission) and Tue (1st and 2nd transmissions). On week-days, station transmits news bulletins in Russian. All programs are produced in Kazan studios and relayed via powerful Samara site. Broadcasting is intended for ethnic Tatars who live outside their national republic. (Station's QSL manager via Dmitri Mezin via WB, Jan 27)

USA: Schedule of *Adventist World Radio - AWR* valid winter period B99. Address: 12501 Newbold Columbia Pike, Silver Spring, MD 20904-6600, USA.

AWR program schedule winter 1999-2000:

Language	UTC	kHz	TX	
<u>NW Africa</u>				<u>N + SW + C Africa</u>
Arabic	0700-0800	7260	F	Arabic 1000-1100 17610 F
	0700-0900	12080	J	Hausa 1930-2000 9745 M
	2100-2300	5890	J	French 2000-2030 9745 M
French	0630-0700	7260	F	English 2030-2100 9745 M
	0900-0930	12080	J	<u>NE + E + SE Africa</u>
	2300-2330	5890	J	Arabic 0500-0700 11610 R
	2000-2030	9640	J	1000-1100 17610 F
English	0500-0530	5960	M	1800-2000 9445 R
	1800-1830	5960	M	Afar 0430-0500 12080 M
	2030-2100	9640	J	English 0300-0330 9835 M
Dyula	2130-2200	9640	J	0500-0530 6015 M
				1730-1800 12130 M

	1800-1830	6100	M
Kiswahili	0400-0430	12080	M
	1700-1730	12130	M
Somali	0330-0400	12080	M
	1630-1700	15620	M
French	0230-0300	3215	T
	1530-1600	3215	T
Malagasy	0300-0330	3215	T
	1630-1630	3215	T
<u>N - Europe</u>			
Arabic	1330-1430	11700	F
	0930-1000	7230	F
	1230-1300	7230	F
French	1300-1330	11700	F
German	0900-0930	7230	F
	1200-1230	7230	F
	1400-1430	7230	R
	1700-1730	7235	R
<u>S + SE Europe</u>			
Bulgarian	0400-0500	5840	J
	1700-1800	5890	J
Italian	0800-0900	7230	F/J
	1100-1200	7230	F
Romanian	1800-1900	5840	J
Armenian	1800-1900	9475	J(1)
Georgian	1800-1900	810	G(2)
<u>MIDDLE EAST (West)</u>			
Arabic	0500-0700	11610	R
	1600-1800	11550	A
	1600-1800	9385	A
	1800-2000	9445	R
Tagalog	1730-1800	11560	F
<u>MIDDLE EAST (East)</u>			
Farsi	0330-0400	9465	R
	1630-1700	9420	R
	1700-1730	7455	A
English	1730-1800	7455	A
<u>Japan, Korea, NE Asia</u>			
English	1330-1400	11705	A
	2130-2200	15550	A
	1030-1100	11795	A
Japanese	1300-1330	11705	A
	2100-2130	15550	A
Korean	1200-1300	9355	A
	2000-2100	11980	A
	2000-2100	15550	A
Russian	1000-1030	11795	A
<u>Central China</u>			
English	1000-1100	11560	A
Mandarin	0200-0300	21770	A*
	1100-1500	15615	A
	2100-2300	11980	A
	2200-2300	15610	A
	2200-0200	17635	A
	1000-1100	15225	A
<u>West China</u>			
Cantonese	1000-1030	11980	A

F = Forlì, Italy

J = Juelich, Germany

M = Meyerton, RSA

R = Rimavska Sobota, Slovakia

	2300-2330	17865	A
Shangh.	1030-1100	11980	A#
	2330-0000	17865	A#
Uighur	1030-1100	11980	A*
	2330-0000	17865	A*
Minnan	1100-1130	11980	A
Hakka	1030-1200	11980	A
Mandarin	1100-1200	11560	A
	1300-1400	11980	A
	1400-1500	15380	A
<u>SE Asia (NW)</u>			
Burmese	1400-1500	11930	A
Chin	0000-0030	21770	A
Karen	0030-0100	21770	A
<u>SE Asia (C)</u>			
English	1230-1300	15330	A
Indones.	1100-1130	15330	A
	2200-2230	15225	A
Javanese	1130-1200	15330	A
	2230-2300	15225	A
Tagalog	1200-1230	15330	A
Vietnam.	1200-1300	11920	A
	1600-1700	11920	A
	2200-0000	11775	A
<u>SOUTHERN ASIA (N-India, Pakistan)</u>			
English	0130-0200	11600	R
	1430-1500	17525	R
	1600-1700	11750	A
	1730-1800	11965	A
	1530-1600	11930	A
Hindi	1500-1530	11930	A
	0230-0300	13855	R
	1530-1600	17525	R
Punjabi	0200-0230	11600	R
	1500-1530	17525	R
	1530-1600	15195	A
Urdu	0300-0330	13855	R
	1600-1630	15735	R
<u>SOUTHERN ASIA (S-India)</u>			
Bangla	1300-1330	11750	A
English	1430-1500	11980	A
	1530-1600	11930	A
Hindi	1500-1530	11930	A
	0230-0300	13855	R
Kannada	1530-1600	15380	A
Malayalam	1500-1530	15195	A
Marathi	1530-1600	11980	A
Sinhalese	1400-1430	11980	A
Tamil	1500-1530	15380	A
Telugu	1500-1530	11980	A

(1) Sun/Tue/Thu

(2) Mon/Wed/Fri

* Saturday and Sunday only

Monday to Friday only

Transmitters:

T = Talata/Volondry, Madagascar

G = Tibilisi, Georgia

A = Agat, Guam

(AWR webpage last modified 15 Dec 99 via JKB)

The **VOA** relay station at Ekala, near Colombo, Sri Lanka, has been transmitting VOA programs since 1953. December 31st 1999 was its last day of operation for VOA. It is replaced by the new VOA relay at Iranawila, Sri Lanka, which is already in limited service and will come fully on line during the year 2000. (Comm via JKB, 17 Dec 99)

VOA now has a new zip code, or postal code. It's 20237. So, the address for this program is now Voice of America, Washington, D.C. 20237 USA. (Comm via JKB, 8 Jan 00)

Worldwide Catholic Radio - WEWN frequency guide effective October 31, 1999 - March 26, 2000. WEWN is a privately-owned Catholic radio station, operated by the Eternal Word TV Network (EWTN). Station began broadcasting on 28th December 1992.

	North America	Latin America	Europe
UTC	English/Spanish	Spanish	English
0000	5825	7425	9355
0100	5825	7425	9355
0200	5825	7425	
0300	5825	7425	
0400	5825	7425	
0500	5825	7425	
0600	5825	7425	
0700	5825	7425	
0800	5825	7425	
0900	5825	7425	
1000	5825	7425	7465
1100	5825	7425	15745
1200	5825	7425	15745
1300	11875	15375	15745
1400	11875	15375	15745
1500	11875	15375	15745
1600	11875 / 13615	15375	15745
1700	11875 / 13615	15375	15745
1800	11875 / 13615	15375	15745
1900	11875 / 13615	15375	15745
2000	11875 / 13615	15375	15745
2100	11875 / 13615	15375	9975
2200	9385 / 13615	15375	9975
2300	9385 / 13615	7425	9975

(ETWN webpage last modified 06 Jan 2000 via JKB)

World Harvest Radio - WHRI operated by Evangelical broadcaster LeSea Broadcasting Inc. (relay also via WHRA and KWHR), updated B99 schedule. Address: PO Box 12, South Bend, Indiana 46624, USA. Fax +1-219-291-9043. Web <http://www.whri.com/> and E-mail: whri@lesea.com

WHRI-Angel 1 (South Bend) to America:

0000-1000 7315 kHz,
1000-1300 9495 kHz,
1300-1800 15105 kHz,
1800-0000 9495 kHz.

WHRI-Angel 2 (South Bend) to Europe, M. East, Africa & America:

2000-1000 5745 kHz,
1000-1600 6040 kHz,
1600-2000 13760 kHz.

KWHR-Angel-3 (Hawaii) to Asia & Australia:

2000-0400 17510 kHz,
0400-1000 17780 kHz,
1000-2000 9930 kHz.

KWHR-Angel 4 (Hawaii) to Asia & Australia

0500-1045 11565 kHz (Mo-Fr),

0700-1600 11565 kHz (Sat, Sun).
 WHRA-Angel-5 (Greenbush) to Middle East & Africa:
 2300-0500 7580 kHz,
 0500-1000 7435 kHz,
 1600-2300 17650 kHz (Sat, Sun).
 (LeSea webpage last updated 15 Januar 2000 via JKB)

Radio Miami International - WRMI is a privately-owned commercial shortwave radio station broadcasting with 50 kW to the Caribbean, North, Central and South America on frequencies of 9955 khz and 7385 khz. Programs are in English, Spanish, Portuguese and other languages. All broadcasts on 9955 khz are beamed 160 degrees to the Caribbean and Latin America, and those on 7385 khz are beamed 317 degrees to North America. WRMI sells airtime to organizations, companies and individuals in all parts of the world. Broadcasting began with their 50 kW transmitter on 14th June 1994. Postal address: WRMI - Radio Miami International, 175 Fontainebleau Blvd., Suite 1N4, Miami, Florida 33172 USA. Tel: +1-305-559-WRMI (9764). Fax: +1-305-559-8186. E-mail: wrmi@compuserve.com. Schedule effective since January 17, 2000:
 9955 kHz:
 1015-1315 Mon-Fri, at Sat 1100-1400, at Sun 1300-1800
 2330-0130 Mon-Fri, at Sat 2000-0200 (2130, 2230 Wavescan)
 at Sun 2100-0230
 7385 kHz:
 0200-0845 Mon-Fri, at Sat and Sun 0300-0800
 (daily: Radio Prague 0300 Sp, 0330 Cz, 0400 E)
 (WRMI webpage last-modified 18 Jan 2000 via JKB)

UZBEKISTAN: Radio Tashkent B99 schedule until Mar 25, 2000. Postal address: Radio Tashkent, 49 Khorezm Street, Tashkent, Uzbekistan. E-mail: uzradio@online.ru
 0030-0130 Uighur 5040 0100-0130 En 5955 5975 7285
 0130-0230 Da 5955 5975 7285 0200-0230 Pushto 5955 5975 7285
 0230-0330 Uzb 5955 5975 7285 9540 0600-0630 Tur 15165 15330
 1200-1230 En 5060 5975 6025 9715 1230-1300 Uighur 5040
 1230-1300 Ur 5060 5975 6025 9715 1300-1330 Hi 5060 5975 6025 9715
 1330-1400 En 5060 5975 6025 9715 1400-1430 Ur 5060 5975 6025 9715
 1430-1500 Hi 5060 5975 6025 9715 1430-1500 Ch 5040
 1520-1550 Da 5975 6025 7285 1530-1600 Uighur 5040
 1550-1630 Uzb 5975 6025 7285 9540 1630-1700 Pe 5975 6025 7285 9540
 1700-1730 Ar 5975 6025 7285 9540 1700-1730 Tur 15165 15330
 1730-1830 Uzb 5975 6025 7285 9540 1830-1900 Pe 5975 6025 7285 9540
 1900-1930 Ar 5975 6025 7285 9540 1935-2030 Ge 5035 7105 9540 11905
 2030-2100 En 7105 9540 2130-2200 En 7105 9540
 2330-2400 Ch 5040
 (R Tashkent via CONEXION via BC-DX #447, Jan 10)

VIETNAM: Voice of Vietnam - VOV international daily programs from 31 October 1999 to 4 March 2000. Postal address: Radio The Voice of Vietnam, 58 - Quan Su street, Ha noi - Viet nam. Fax: (84 4) 9344230 Email: vovnews@hn.vnn.vn WWW-URL <http://www.vov.org.vn/>

Time (UTC)	Area	Freq. (kHz)			
Chinese (Mandarin)			1200-1230	Japan	9840 12020
8030-0930	China	9840 12020	1400-1430	Japan	9840 12020
1330-1400	Thailand, Indochina	1242	2130-2200	Japan	9840 12020
1500-1530	SEA	7285		Khmer	
2200-2230	China	9840 12020	0000-0030	Cambodia	7285
Chinese (Cantonese)			1130-1200	Cambodia	1242
1300-1330	Indochina, Thailand	1242	1200-1230	Cambodia	7285
1430-1500	Indochina, Thailand	7285	1330-1400	Cambodia	7285
1530-1600	Asia	9840 12020	2230-2300	Cambodia	1242
2230-2300	Asia	9840 12020		Lao	
Indonesian			0030-0100	Laos	7285
0930-1000	Indonesia(SEA)	9840 12020	1230-1300	Laos	7285
1030-1100	Indonesia(SEA)	1242 9840 12020	1400-1430	Laos	7285
1430-1500	Indonesia(SEA)	1242 9840 12020		Thai	
Japanese			1130-1200	Thailand	7285
			1200-1230	Thailand	1242

1500-1530	Thailand	9840	12020	1830-1900	Europe	12070		
2300-2330	Thailand	9840	12020	1930-2000	Europe	7440	7145	9730
English				2100-2130	Europe	9730	7145	
0100-0130	N.E America	5940		Russian				
0230-0300	N.E America	5940		1130-1200	Russia	9730	7145	
0330-0400	Central America	7260		1300-1330	SEAS	7285		
1000-1030	Australia	1242		1700-1730	Europe	9840	12020	
	SEA	9840	12020	2000-2030	Italy	7390		
1100-1130	SEAs	1242	7285	Spanish				
1230-1300	SEAs	9840	12020	0300-0330	Central America	9830	7260	
1330-1400	Europe	9730	7145	1100-1130	Central Africa	9730	7145	
1400-1430	SEA	1242		2000-2030	Central Africa	9730	7145	
1530-1600	SEA	1242		Vietnamese				
1630-1700	Europe	9730	7145	0000-0100	Central-Africa	9730	7145	
1700-1730	Indochina, Thailand	1242		0130-0230	N.E America	5940		
1800-1830	Europe	7440	7145	9730				
1900-1930	Europe	9730	7145	0400-0500	N.W America	13665		
2030-2100	Europe	9730	7145	0900-1000	Australia	1242		
2330-2400	SEAs	12020	7145	1530-1630	Thailand, Indochina	1242		
French				1700-1800	Europe	9730	7145	
1230-1300	Indochina, Thailand	1242		1830-1930	W.Europe	7440		
1300-1330	Europe	9730	7145	2300-2400	Thailand, Indonesia	1242		

(VOV webpage last modified 26 Jan 2000 via JKB)

Sources & Contributors:

BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.
BDXC BENELUX DX-CLUB, Meppel - Holland.
Comm Communications World, hosted by Dr. Kim Andrew Elliott, VOA.
CONEXION CONEXION Digital - Buenos Aires, Argentina
DXA DX Antwerpen - Holland.
EDXP Electronic DX Press, Bob Padula - Australia.
JKB Dr. Juergen Kubiak, Berlin - Germany.
MF Michael Frese, Osnabrueck - Germany.
Observer Fortnightly edition of Radio Bulgaria's Frequency Management.
Radorama News Bulletin of A.I.R. - Italy.
WB Wolfgang W. Bueschel, Stuttgart - Germany.

Abbreviations: (see last month)

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 http://www.snafu.de/~j.kubiak/

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DX LOGBOOK

Logs around the clock

by Michael Bethge, Postfach 1214, D-61282 Bad Homburg, Germany

MEDIUMWAVE :

Frequ.	Time	SINPO	Country	Station	Language	Pxdetails	Date	Cont
527.0	0420	25333	CVA	R. Vatikan	ITAL/D	nonstop instrumental music	0302	HKN
666.0	0448	43433	LTU	Lietuvos Radijas, Vilnius	LITH	classical music, advert for car, ID (HS1), Jingle,	0502	HKN
882.0	1435	34333	D	MDR Info, Wachenbrunn	D	(20 kW) ID, Sports, Football – Bundesliga, Reports	0502	HKN
918.0	2130	45444	SVN	R. Slovenia	E/D	ID, IS, Hier ist Radio Slovenia	0402	HKN
1044.0	0126	34333	D	MDR Info, Wilsdruff	D	(20 kW) ID, TA, Kompakt	0502	HKN
1170.0	2130	44444	BLR	Radio Minsk	D	Kaleidoskop, Freq. + Schedule	0202	HKN
1197.0	1336	34333	D	VOA, Ismaning	E	Communication world, DX px	0502	HKN
1215.0	1007	44333	KAL	Stimme Rußlands, Kaliningrad	D	Nx, Das Information Magazine	0302	HKN
1287.0	0425	44444	CZE	RFE / R. Liberty	E	Engl. ID till 04.30	1801	HKN
1323.0	2200	44444	D	R. Santec –Wachenbrunn	D	S/on, //1386 (DO) changed Schedule 22.00 – 22.30	0302	HKN
1602.0	0530	44333	I	RAI Bozen	D	38. Weinbau Tagung	2401	HKN

TROPICAL BANDS :

2310.0	2003	153	AUS	ABC Alice Springs	E	Talks & clear ID	1912	DC
2485.0	1932	32222	AUS	ABC / CAAMA	E	Rep. abt Afghanistan	0401	MHL
2850.0	1658	22222	KRE	R.Pyongyang	Korean.	korean. Folklore-MX	0401	MHL
3200.0	1841	32222	SWZ	TWR Swaziland	E	Talk	0601	MHL
3210.0	1844	32222	MOZ	R.Mozambique	P	Pop-MX:	0601	MHL
3210.0	0210	34322	CTR	REE Relay, Cariari	S	//5970 (CTR) ID, Political talks	2901	HKN
3215.0	1629	22222	MDG	AWR via Madagaskar	F	Choir song, Announcem., s/off	0601	MHL
3215.0	0426	24322	USA	WWCR, Nashville	E	Glenn Hauser "world of radio"	0502	HKN
3240.0	1616	32222	INS	RRI Tanjung Pinang	Vn	Piano mx, indones. Folk MX	0501	MHL
3240.0	1858	43333	SWZ	TWR Swaziland	Vn	afric. Choir song, ID, Adr.	0601	MHL
3240.0	0304	24322	SWZ	TWR, Manzini	SHONA	Relig. Px, sermon (25 kW)	0302	HKN
3255.0	1901	43333	AFS	BBC Meyerton	E	Talks	0601	MHL
3270.0	1903	43333	NMB	NBC Windhoek	Africaans	Rep` s	0601	MHL
3315.0	1637	43333	IND	AIR Bhopal	Vn	Talk	0501	MHL
3320.0	1907	32222	AFS	SABC Sonder Grense	Africaans	Rep` s	0601	MHL
3335.0	1722	33333	TWN	CBS Taipei	Ch	Longer Talk	0401	MHL
3346.0	1910	33333	RUS	R. Rossi Feeder	R	Longer Rep` s	0601	MHL
3365.0	1826	43333	IND	AIR Delhi	Vn	ind. MX, Talk	0401	MHL
3366.0	1952	22222	GHA	GBC Accra	Vn	afric. MX	0701	MHL
3900.0	1651	43333	IRQ	RIR Baghdad	A	Longer Talk	0501	MHL
3905.0	1916	32222	CLA	Vo Iraq People	A/Kurd.	Koran song	0601	MHL
3905.0	2044	33333	INS	RRI Merauke	Vn	Karabik-MX, Anns, Techno-MX	0501	MHL
3910.0	1839	35433	IRL	Radio Fax	E	Relig. Px, //6295 12255	3001	HKN
3912.0	1919	32222	CLA	Vo the People	Korean.	Talk	0601	MHL
3915.0	2135	45444	SNG	BBCWS, Kranje	E	Report abt FBI	3001	HKN
3945.0	0128	25322	IND	AIR Gorakhpur	NEPAL	S/on 01.28, IS //6045	0302	HKN
4005.0	0417	45444	CVA	R. Vatikan, Vatikan City	TSCH	Organ mx //1530 5883	0502	HKN

4060.5	1705	43333	CLA	Voice of Mojahed	A/Kurd.	Marschlied, s/off	0501	MHL
4085.0	1708	33333	CLA	Vo Iraq Kurdistan	A	Talk mit BG-MX	0501	MHL
4130.0	1711	33333	CLA	Vo Kurdistan Socialist Democratic Party	A	Longer Talk, arab. MX	0501	MHL
4485.0	0310	24322	RUS	R. Rossii, Tazykovo	R	WxReport, Jingle, ID	2701	HKN
4520.0	1900	23232	RUS	R. Mayak	R	IS, ID, nx	1812	ZL
4635.2	1819	33333	TJK	R.Tadschikistan	Vn	MX	0501	MHL
4730.1	1712	22222	TJK	Vo Russia Relais	R	Rep` s	0701	MHL
4747.2	1835	32222	CLA	Unid	A	Longer Rep` s., arab. MX	0401	MHL
4753.2	1532	22222	INS	RRI Ujung Padang	Vn	Koran song	0601	MHL
4755.1	0137	24333	B	R. Educacion, Rural	P	Announcer, TA, local nx	0302	HKN
4759.0	1906	33333	CLA	Unid	Vn	Longer Talk	0401	MHL
4760.0	1507	22222	IND	AIR Port Blair Andamanen	Vn	Ind. MX, Longer Talk, TS, Anns, ID	0701	MHL
4770.0	1906	32222	NIG	R.Nigeria Kaduna	Vn	Longer Talk	0701	MHL
4775.0	1540	333	IND	AIR Imphal	E	ID	1712	DC
4781.0	2103	25242	?	UNID African	Vn	Local folk mx	0601	EBC
4789.4	2203	32222	INS	RRI Fak-Fak	Vn	MX, Longer Talk	0501	MHL
4790.4	0100	45444	PAK	R. Pakistan, Rawalpindi	VN	ID as "Radio Pakistan He	2901	HKN
4795.0	0152	24333	B	R. Difusora	P	Relig. Px	0302	HKN
4800.0	1542	22332	IND	AIR Hyderabad	E	Adverts, 1545 ID & Nx	0512	ZL
4800.0	1910	32222	LSO	LNBS Maseru	Vn	afric. Gesang	0701	MHL
4815.0	1448	33333	CHN	CRI Peking	Ch	Longer Talk, Folklore-MX	0501	MHL
4819.2	0309	33333	HND	LV de Evangelica	S	Longer Talk	0801	MHL
4820.0	1546	22222	UKR	R.Ukraine Intern.	R	Chanson-MX, Pop-MX	0601	MHL
4820.0	1541	33333	IND	AIR Imphal	E/Hindu	Rep` s	0601	MHL
4828.0	1726	43333	ZWE	Zimbabwe	E	Folk songs	1812	ZL
4830.0	2159	33333	THA	R.Thailand	Vn	IS, Nationalhymne, Welcome	0501	MHL
4830.0	0340	33333	VEN	R. Tachira	S	Rythmic LA songs	2512	ZL
4835.0	1912	43333	MLI	RTV du Mali Bamako	Vn	Mali Folklore-MX	0701	MHL
4840.0	1551	33333	IND	AIR Mumbai	Vn	Longer Talk	0601	MHL
4840.0	0313	22222	UKR	R.Ukraine 1	R	Longer Talk	0801	MHL
4845.0	1914	33333	MTN	R.Mauretanie	Vn	Mauretanian folklore-MX	0701	MHL
4850.0	1919	22222	CME	CRTV Yaounde	F	Talk	0701	MHL
4850.0	0548	35444	CME	Cameroon RTV, Yaoundé	E	Afro Folklore Singer mit Band, TS	2701	HKN
4860.0	1553	43333	IND	AIR Dehli	Vn	Indisch. Folklore-MX	0601	MHL
4869.6	1556	22222	CLN	SLBC Columbo	Vn	Folklore-MX	0601	MHL
4874.5	2155	22222	INS	RRI Sorong	Vn	Pop-MX	0501	MHL
4880.0	1601	32222	IND	AIR Lucknow	Vn	Ind. MX	0601	MHL
4885.0	0319	33333	B	R.Difusora Acreana, Rio Bravo (Acre)	P	Anns, ID, Anns	0801	MHL
4885.0	1853	44444	KEN	KBC Nairobi	Vn	Lengthy talks abt Sahara+Islam	2812	ZL
4885.0	1718	32222	CHN	CRI Peking	Mongol..	MX	0701	MHL
4885.0	0540	24333	B	R. Clube do Pará	P	Football results	2701	HKN
4890.0	1916	43333	PNG	NBC Port Moresby	E	Folklore-MX+Pop-MX, Anns	0401	MHL
4890.0	2002	343	PNG	NBC Port Moresby	E	ID	1201	DC
4895.0	1607	32222	IND	AIR Kurseong	Vn	Ind. MX, Anns	0601	MHL
4910.0	1610	32222	IND	AIR Jaipur	Vn	Ind. MX	0601	MHL
4915.0	1903	22222	KEN	KBC Nairobi	Vn	NX	0401	MHL
4915.0	0335	32222	CLM	Armonfas del Caquet	S	Anns, MX	0801	MHL
4915.0	0534	45444	GHA	GBC Accra	E/VN	ID "Radio One"	2701	HKN
4919.0	0340	33333	EQA	R.Quito	S	Talk, ID, Talk	0801	MHL
4919.4	2211	22222	INS	RRI Tanjung Padang	Vn	MX, Longer Talk, MX	0501	MHL
4920.0	1612	32222	IND	AIR Chennai	Vn	ind. MX	0601	MHL
4925.0	1455	33333	INS	RRI Jambi	Vn	Folklore-MX	0601	MHL
4925.0	2210	33333	INS	RRI Jakarta	Vn	Anns, Koran song	0401	MHL
4930.0	1621	33333	TKM	R.Turkmenistan Ashkhabad	Vn	Vortrag abt Ramadan	0701	MHL
4940.0	1614	32222	IND	AIR Guwahati A	E	Rep` s, Talk	0601	MHL
4940.0	2117	34432	CLN	SLBC Sri Lanka	Vn	Clock, talks in Indian lang.	0701	ZL
4950.0	1616	33333	IND	AIR Kashmir Srinagar	Vn	ind. MX	0601	MHL
4960.0	1617	33333	IND	AIR Ranchi	Vn	ind. MX	0601	MHL
4965.0	1936	33333	ZMB	Christian Voice Lusaka	E	Hörspiel	0701	MHL
4976.0	1837	33333	UGU	R.Uganda	E	afric. Pop-MX, Rep` s	0701	MHL

4980.0	0348	33333	VEN	Ecos del Torbes	S	Latin-Pop, Anns	0801	MHL
4980.2	1459	33333	CHN	PBS Xinjiang	Ch	chin. Folklore-MX, IS	0601	MHL
4985.0	0040	34433	B	R. Brasil Central	P	ID, Slogan, phone-in, Bras. Mx	1801	HKN
5000.0	2157	22222	CHN	SAO Lintong	Ch	TS, Anns, ID	0401	MHL
5003.0	1853	32432	GNE	RN Bata	Vn	Local mx & Vn talks	1212	ZL
5005.0	1502	33333	NPL	R.Nepal	Vn	NX, Anns, ID	0601	MHL
5005.1	0123	24333	NPL	R. Nepal	VN	Long talks abt Pakistan	1801	HKN
5009.5	1625	33333	IND	AIR Tiru` param	Vn	Talk v. Mann u. Frau	0701	MHL
5009.5	1840	33333	CME	R.Garoua	Vn	Country-MX	0701	MHL
5009.6	1702	43333	MDG	R.Maligasikara	F	Adverts, Anns, Adverts	0801	MHL
5010.0	2237	33333	CHN	CNR 2 Peking	Ch	Talk	0501	MHL
5015.0	2151	43333	TKM	R.Turkmenistan	R	Hörspiel	0401	MHL
5020.0	1853	22222	NGR	ORTN Niamey	F	Anns, Pop-MX	0701	MHL
5020.8	1522	22222	CHN	CNR 1	Ch	Talk	0601	MHL
5025.0	1941	43333	UZB	R.Tashkent	D	NX abt Ereignisse in Tashkent	0701	MHL
5025.0	0352	33333	BEN	ORTN Parakou	F	Pop-MX, Anns	0801	MHL
5025.0	2346	23232	CUB	R. Rebelde	S	Dynamic speaking, songs, ID	2312	ZL
5030.1	0503	34333	CTR	Dr. Gene Scott	E	Sermon abt Abraham //6150	2701	HKN
5035.0	1942	33333	UZB	R.Tashkent	D	NX abt Ereignisse in Tashkent	0701	MHL
5035.0	1659	32222	CAF	R.Bangui	Vn	afric. MX, TS, IS, ID, NX	0701	MHL
5050.0	2240	43333	CHN	Guangxi BS	Ch	Talk	0501	MHL
5050.0	1701	33333	TZA	R.Tanzania	Vn	NX	0701	MHL
5050.0	0250	25433	TZA	R. Tanzania, Dar es Salaam	SWAHIL	Song abt Tanzania, 03.00 TS, 2 Minutes nx	2901	HKN
5060.0	1621	43333	CHN	PBS Xinjiang	Ch	chin. MX	0601	MHL
5060.0	1943	44444	UZB	R.Tashkent	D	NX abt Ereignisse in Tashkent	0701	MHL
5070.0	0415	43333	USA	WWCR Nashville	E	Sermon	0801	MHL
5075.0	1524	22222	CHN	Vo Pujiang	Ch	Talk, Folklore-MX	0601	MHL
5090.1	1517	33333	CHN	CNR 2-Taiwan-Dienst	Ch	Longer Talk zw. Mann u. Frau	0601	MHL
5290.0	0445	24322	RUS	R. Rossii	R	//4485 5910 6110 6115 7365	2701	HKN
5420.0	2252	33333	CHN	CNR Peking	Vn	Rep` s	0501	MHL
5500.0	0438	24333	ETH	VO the Tigrin Revolution, Mekele	TIGRIN	//6315 Political Talk by Man	2701	HKN
5678.0	0102	142	PRU	R. Ilucan	S	Andean mx, TS and ID	2712	DC
5745.0	0157	45444	USA	WHRI, Noblesville	E	Jingle, Address	0302	HKN
5770.0	2300	32222	NGC	R.Miskut	Vn	Anns, MX	0501	MHL

ON SHORTWAVE :

5810.0	2100	23322	USA	RTI Relay via WYFR	D	//9355	0202	HKN
5825.0	0206	35444	USA	WEWN, Birmingham	E	ID,	0302	HKN
5835.0	0212	15322	USA	KAIJ, Dalles	E	Sermon	0302	HKN
5850.0	1229	45444	D	The Overcomer, Jülich	E	Phone-in, Hörerfragen, ID	0302	HKN
5850.0	0432	44444	USA	WYFR, Oakland	D	ID, Hörerfragen, Adam + Eva	2701	HKN
5875.0	0217	44444	G	BBC, Rampisham	PASHTO	ID, Political Magazine	0302	HKN
5890.0	2300	45433	D	AWR, Jülich	F	ID in English	2601	HKN
5900.0	0209	45444	BUL	R. Bulgarien	S	Political Report	0302	HKN
5924.0	2304	33333	VTN	Vo Vietnam Inlandsd.	Vn	NX	0501	MHL
5940.0	0145	45544	RUS	VO Vietnam Relay	VIETN	ID, Political Reportage	0502	HKN
5950.0	0305	33333	YEM	Yemen Radio, Sana`a	A	//9780,3 Koran songs	2901	HKN
5950.0	0715	33333	USA	RTI Relay via WYFR	E	ID, Magazine, Schlager Musik	2401	HKN
5960.0	0234	44444	CAN	NHK Relay, Sackville	JAP	Discussions	0302	HKN
5960.0	2250	34444	CAN	RCI Montreal	F	Telefon Interview	2601	HKN
5975.0	0244	44444	ATG	BBC Relay Antigua	E	Report abt eMail and Internet	0302	HKN
5975.0	0817	45444	D	VO Hope, Jülich	F	Sermon abt die Kinder Israels	0302	HKN
5975.0	0645	44333	G	NHK Relay UK	E	//7230	2701	HKN
5985.0	0505	34333	COG	R. Congo, Brazzaville	F	ID, political talks	2301	HKN
5985.8	1405	142	BRM	R. Myanmar	Vn	Local talks & mx, 1430 Engl. ID	2612	DC
5990.0	0048	44333	CUB	CRI Beijing Relay	S	ID, chinesische Folklore Musik	0502	HKN
5990.0	0520	43433	ROU	R. Rumänien Intern.	F	ID, Europa Politik, rum. Folklore	0502	HKN
5990.0	0142	43333	IND	AIR, Delhi	SINDHI	Indische Folklore, Polit. Talks	1801	HKN
5995.0	0700	24322	MLI	RTVM Bamaku	F	ID, Nx, Africa Politik	2401	HKN

5995.0	2210	44444	CAN	RCI Montreal	E	CBC-Nx, the world at six	2501	HKN
6000.0	2316	43333	SNG	SBC Singapore	Ch	Trailor, Talk, ID	0501	MHL
6000.0	0353	44333	CUB	RHC Havanna	E	Report, ID, Nx	1801	HKN
6005.0	0535	44444	ASC	BBCWS, Ascension	E	Px to West Africa	0502	HKN
6005.0	0030	33333	IRN	IRIB Teheran	BENGAL	//6185 Koran songs, nx	2601	HKN
6010.0	0405	44444	TuR	TRT Ankara	E	Worldnx	2701	HKN
6010.0	0407	35333	BLR	Belaruskoje R., Brest	BELAR	ID, Weather report	2701	HKN
6010.0	1920	44444	G	SLBC Colombo Relay, Skelton	E	ID, radio play	2901	HKN
6015.0	0510	34333	CAN	RÖI Relay	D	Report	2501	HKN
6015.0	1100	45554	D	R Remscheid+Solingen Via Telekom Juelich	D	0800-1200 Special New Year programme	0101	WB
6020.0	0042	43433	IRN	IRIB Teheran	S	Nx Kuba Politik //6175 9650	2601	HKN
6020.0	0400	34333	UKR	R. Ukraine Intern.	E	Worldnx, //9600 9810	2701	HKN
6030.0	2319	33333	THA	VoA-Relais	Ch	Talk, Trailor, Anns	0501	MHL
6030.0	0358	34433	USA	R. Marti	S	Frequencies, ID	2701	HKN
6040.0	1439	24322	BLR	Belarusskoe R., Minsk	BELAR	(10 kW) 1. National Px	2801	HKN
6045.0	0200	34333	IND	AIR Delhi	NEPALI	ID, Nx, Polit. Report	2601	HKN
6049.9	0544	34333	NIG	FRCN, Ibadan	E	Afro Folklore	2901	HKN
6050.0	2330	32222	MLA	RTV Malaysia	Iban	Talk, Interwiev	0501	MHL
6050.0	0014	34333	EQA	HCJB, Pifo	S	Relig. Px, ID	0502	HKN
6055.0	0254	32432	KWT	R. Kuwait	A	Koran	0302	HKN
6055.0	0050	44444	E	REE Madrid	E	Learn spanish by radio	2601	HKN
6060.0	0313	42332	GRC	VOA, Kavala	FARSI	Political report	0302	HKN
6065.0	0335	44433	USA	WYFR, Oakland	E	Sermon	2701	HKN
6070.0	0321	44444	BLR	R. Minsk	D	//1170 7210	2701	HKN
6085.0	2355	42332	D	MDR Info via Bayerischer Rundfunk	D	ID as "MDR Info - Das Nx Radio", Wx	0402	HKN
6090.0	0645	23333	AIA	Dr. Gene Scott	E	University Network, Sermon	2401	HKN
6090.1	0320	44433	ALB	R. Tirana	ALBAN	ID, Rubrik "Aktualität" //7270	0302	HKN
6095.0	2336	33333	CHN	CNR 6-Taiwan-Dienst	Ch	chin. Opern-MX	0501	MHL
6095.0	1900	55444	G	R. Taipei Inter. V. Merlin	D	Neue Test frequency	1901	HKN
6100.0	2200	44444	BIH	R. Jugoslawien	E	ID, Nx, comment	0202	HKN
6110.0	0501	43333	RUS	R. Rossii, Moskau	R	ID, Radiojournal, Adverts	2601	HKN
6110.0	0305	32542	EQA	HCJB	Span	Nx	0801	EBC
6110.0	0505	32332	CAN	NHK, Sackville	E	Nx	2601	HKN
6115.0	0300	44333	RUS	R. Rossii, Moskau	R	//4485 5910 6110 7365 7380	2701	HKN
6120.0	0329	33333	TUR	VO Turkey, Cakirlar	TÜRK	Turkish Folklore Music	0302	HKN
6130.0	1043	35433	D	Evangeliumsradio via Jülich	D	ID, Adr. von Hamburg, Musik "Happy time"	2301	HKN
6135.0	0150	44444	IRN	IRIB, Teheran	S	ID, Nx	1801	HKN
6135.0	0342	34433	ASC	NHK, Ascension	SWAHIL	ID, Nx, jap. Schlager Mx	1801	HKN
6135.0	0708	34333	B	R. Aparecida	P	ID, musica do brasil	2301	HKN
6135.0	0036	44444	IRN	IRIB Teheran	E	World Nx //6135 9022	2601	HKN
6135.0	2327	44333	TUR	TRT Ankara	E	Report	2501	HKN
6150.0	2339	33333	SNG	SBC / RSI Singapore	E	Rep` s	0501	MHL
6150.0	2355	34333	SNG	Radio One	E	Report, ID, Nx	2501	HKN
6155.0	0543	43333	ASC	BBC, Ascension	HAUSA	ID, Political report abt Nigeria	0502	HKN
6155.0	0830	45444	AUT	RÖI Wien	D	Hotline Computer Magazine	2301	HKN
6155.0	0146	32432	G	RTE Dublin via Merlin	E	ID, Political talks	2601	HKN
6155.0	0220	33333	CAN	RCI Montreal	E	Canada last week	2601	HKN
6165.0	0430	34433	ATN	R. Nederland, Bonaire	E	Worldnx, Weather, Nxline	2601	HKN
6175.0	0336	34433	CAN	BBC, Sackville	E	Devisenkurse, ID	0302	HKN
6175.0	0550	34322	GAB	RFI, Moyabi	F	Magazine, Journal de Africa	0502	HKN
6175.0	0020	32332	IRN	IRIB Teheran	C	//7215 talk abt Islam	2601	HKN
6180.0	0037	34333	G	Global Sound Kitchen via Skelton	E	Techno Music	0502	HKN
6180.0	0205	44444	UAE	UAE R. Abu Dhabi	A	Koran songs	2701	HKN
6185.0	0220	23322	MEX	R. Educacion	S	Political report	2701	HKN
6190.0	1540	45444	D	Deutschlandfunk, Berlin	D	"Computer + Kommunikation"	0502	HKN
6195.0	0330	43443	CLA	VO the Islamic Revolution in Iraq	A	Koran, ID at 03.42 //7295	2901	HKN

6200.0	0211	35433	CZE	R. Prag	E	//7345 Political Problems	2701	HKN
6200.0	1930	34333	IRN	VO Islamic Palestinian Revolution	A	Koran songs, ID //6025	2801	HKN
6205.0	2100	35433	RUS	Stimme Rußlands	R	IS, NA	0402	HKN
6205.0	1710	35333	UZB	R. Vatikan via Relay Tashkent	R	IS, Relig. Px c/d 17.38 UTC	2901	HKN
6205.0	1950	45444	RUS	Stimme Rußlands	R	S/on 19.50, ID 20.00, Report	3001	HKN
6210.0	0349	26433	ETH	R. Fana, Addis Abeba	OROMO	//6940 Folklore Singer	2901	HKN
6210.0	1807	45433	IRN	IRIB Teheran	BOSNI	New Frequency //7295 9545	2801	HKN
6230.0	0341	23322	CLA	VO Mojahed	FARSI	Political Report	0302	HKN
6230.0	1645	45444	EGY	R. Kairo	TÜRK	ID, Political Report	2801	HKN
6260.0	2331	25422	CHN	Qinghai PBS, Xining	C	//3950 (HS1) Report by woman	2801	HKN
6265.0	0320	35433	ZMB	ZNBC Lusaka	VN	Afro Folklore Chöre	2501	HKN
6280.0	1634	34433	LBN	King of Hope	E	Sermon	2801	HKN
6295.0	1825	35433	IRL	Radio Fax	E	Relig. Px //3910 12255	3001	HKN
6300.0	1530	25322	TWN	WYFR via RTI Taipei	MANDA	//9280 Relig. Px, c/d at 16.02	2801	HKN
6479.5	0019	142	PRU	R. Altura	S	Mx and adverts, many TS & ID	2712	DC
6480.0	1845	35333	KOR	R. Korea, Seoul	D	ID, Koreanische Folklore Musik	2801	HKN
6519.8	1652	35433	KRE	R. Pyongyang	E	ID, Report, c/d 16.55	2801	HKN
6720.0	1858	24322	RUS	R. Rossii	R	Mixing produkt ?, ID, Jingle, //5895 6060 6125 7340 7350	2801	HKN
6750.0	0026	34322	CHN	CPBS 1	C	Political pxe	2901	HKN
6790.0	1456	33333	CHN	CNR 1 Peking	Ch	Talks	0501	MHL
6798.0	2325	34223	PRU	Ondas del Rio Mayo	S	LA songs and comments	2312	ZL
6895.0	2051	35433	ISR	Galei Zahal	HEBRE	New Freq. - ex. 6898	3001	HKN
6937.0	1459	32222	CHN	PBS Yunnan	Ch	chin. Folklore, MX	0501	MHL
6975.0	0150	45433	CTR	RfPI	E	Glenn Hauser	0602	HKN
6980.0	2034	32222	CLA	Voice of the People of Kurdistan	A/Kurd.	arab. MX, Anns, arab. MX	0301	MHL
6980.0	1501	32222	SOM	R.Mogodishu - Vo the people	Vn	NX	0501	MHL
7100.0	0412	34322	ERI	VO the Broad Masses of Eritrea (tent)	VN	African Dialekt, Political Report	2901	HKN
7120.0	0700	45433	I	IRRS Milano	E	Radio Mission	0502	HKN
7140.0	1110	25332	JPN	RFI Yamata	Fr	// 6175 - 1030-1200	0101	WB
7225.0	1800	43333	CHN	CRI Beijing	D	Nx	2601	HKN
7230.0	1200	35433	I	AWR, Forli	D	"Im Brennpunkt - Babylon"	0502	HKN
7230.0	0618	44444	G	NHK Relay UK	E	ID, Letterbox, Telefon Interview	2301	HKN
7235.0	0156	34333	SVK	TWR, Rimavska Sobota	E	Relig. Px, Adr. From London, IS	1801	HKN
7235.0	1700	44444	SVK	AWR, Rimavská Sobota	D	Im Brennpunkt "Eine Umkehr ist möglich"	2901	HKN
7255.0	0629	43333	NIG	Voice of Nigeria	R	Trommeln, ID, World Nx	2301	HKN
7260.0	2353	55444	IRN	IRIB Teheran	F	Report abt islam	2601	HKN
7280.0	0210	34333	D	Hrvatska R., Jülich	E	IS, ID	1801	HKN
7285.0	1305	35333	KOR	RKI Seoul	Chinese	Nx, ID	0101	WB
7335.0	0300	34433	RUS	R. Tschetschnija Swobodnaja	R	S/on, ID, Nx, Report abt NATO, Puschkin //5935	2601	HKN
7365.0	0450	45544	RUS	R. Rossii, Armavir	R	ID, radio play, advertisement	2601	HKN
7375.0	1720	34333	???	TWR (location?)	E	S/on, IS, ID, Relig. Px	2901	HKN
7400.0	0600	45444	BUL	R. Bulgarien	D	Sportss //9400	2501	HKN
7415.1	0003	22222	USA	WBCQ Kennebuk	E	MX, Talk, Longer Vortrag	0701	MHL
7430.0	0441	34433	CLA	VO the Mojahed	FARSI	Political talks abt Iran	2601	HKN
7435.0	0545	45444	USA	WWCR, Nashville	E	Dxing with Cumbre (So)	2301	HKN
7440.0	0406	44444	CLA	VO the Mojahed	FARSI	Political report abt Iran	2901	HKN
7490.2	2356	33333	USA	WJCR Upton	E	Anns, Talk	0601	MHL
7510.0	2040	44444	ISR	Kol Israel	F	Longer Talk	0301	MHL
7520.0	0100	45444	USA	RTI Relay via WYFR	C	ID, Jingle, Nx //5950	0502	HKN
7560.0	0150	35444	???	R. Free Asia	TIBET	Political Report, 02.00 ID in E	2701	HKN
7580.0	2352	44444	USA	WHRA Mt. Dora	E	religiöses Prgr.	0601	MHL
7620.0	1508	33333	CHN	CNR Taiwan-Dienst 1	Ch	Rep` s	0501	MHL
8300.0	1511	43333	CLA	New Star BC Station	Ch	Scrambled NX	0501	MHL
8566.0	1524	42233	CHN	CNR Peking	Vn	Rep	0501	MHL
9165.0	1527	43333	AZE	Vo Azerbaijan	Vn	Talk	0501	MHL

9170.0	1529	33333	CHN	CNR-Taiwan-Dienst	Ch	MX, IS, ID, Rep	0501	MHL
9405.0	0908	23322	PHL	FEBC Manila	MANDA	Relig. Px	0302	HKN
9475.0	0249	54444	EGY	R. Kairo	E	Women rights in Egypt	1801	HKN
9495.0	2352	43333	YEM	R.Yemen Sanà	A	Long Talk	0601	MHL
9500.0	0504	25433	SWZ	TWR, Manzini	E	S/on, relig. Px	0302	HKN
9500.0	0710	45433	BUL	R. Bulgarien	ALBAN	ID, Adresse, Magazinee	0502	HKN
9500.0	1900	good	AUS	R. Australia	E	Pacific Focus	0202	PP
9515.0	0238	45444	GAB	NHK Relay, Moyabi	PERSI	ID, Nx, Comment	0302	HKN
9515.0	0416	43333	GAB	NHK, Moyabi	A	ÎD, Polit. Talks abt Parliament	1801	HKN
9517.2	1750	24322	CLA	Voice of Sudan	VN	Folklore Songs, ID	2801	HKN
9525.0	1857	43333	SWZ	TWR, Mpangela Range	LINGAL	S/on, IS, ID in English	0302	HKN
9525.0	0111	35333	INS	VO Indonesia	E	Nx, ID, Schlagersingerin	2601	HKN
9525.0	0330	34333	AFS	Channel Africa	F	ID, Welcome, Political report	2501	HKN
9535.0	0705	55555	G	RKI Skelton	Korean	Korean nx to Europe	2812	WB
9535.0	0405	44444	SNG	RCI Montreal	E	Technik & Internet in Canada,	1801	HKN
9545.0	1412	32432	GUM	KTWR, Agana	MANDA	Relig. Px	2801	HKN
9570.0	0821	24322	KOR	R. Korea Intern.	E	ID, korean Songs //13670	0302	HKN
9615.0	2222	22222	GUM	KTWR Aganaq	E	Sermon, MX, Talk	0601	MHL
9615.0	2229	32222	B	R.Cultura Saò Paulò	P	Latin-MX, Anns, Latin-MX	0601	MHL
9645.0	2217	32222	B	R.Bandeirantes	P	Longer Talk, ID	0601	MHL
9650.0	0820	24333	KRE	R. Pyongyang	JAP	//7580 Korean Folklore	2401	HKN
9655.0	2306	44444	TUR	TRT Ankara	E	Nx	2601	HKN
9660.0	0335	44444	GUF	NHK, Montsinery	JAP	(J1) //11890 (CLN)//9515 (GAB)	1801	HKN
9665.0	0005	45433	ASC	NHK Relay Ascension	E	ID, Nx	0502	HKN
9690.0	0400	35444	AUT	R. Canada via RÖI Relay	E	ID, Nx, WX, a little bit of snow on this morning,	2601	HKN
9720.0	0610	55444	RUS	R. Rossii, Moskau	R	IS, ID, russische song	2901	HKN
9725.0	0710	24332	CTR	Dr. G. Scott	E	Telephone number	2812	WB
9725.0	2212	32222	CTR	AWR R.Lira Intern.	S	Sermon	0601	MHL
9730.0	1930	33333	VTN	VO Vietnam	F	IS, s/on, Vorschau	0302	HKN
9730.0	0340	35333	CLN	SLBC Ekala	E	Morning Show, TA, English mx	2601	HKN
9730.0	0448	35433	GUF	CRI Beijing	E	cross the river	2501	HKN
9740.0	0058	32222	PAK	R. Pakistan	Tamil	PAK mx	0101	WB
9740.0	1125	25332	SNG	BBCWS Kranji	E	Talking Point	0101	WB
9740.1	0048	33433	EGY	R. Cairo	Span	ID, QRM PAK	0101	WB
9745.0	0350	35333	EQA	HCJB Quito	E	Mailbag, ID	2601	HKN
9765.0	0600	45444	EQA	HCJB Quito	D	ADDX DX px	0502	HKN
9780.0	0721	44444	EQA	HCJB Quito	E	Daily medical report	2401	HKN
9780.3	0315	25333	YEM	Yemen Radio, Sana`a	A	Koran songs, 03.18 ID	2901	HKN
9785.0	0308	25333	UKR	R. Ukraine Intern., Lwow-Krasne	UKRAIN	Nx, ID, Px to Sam //6020	2601	HKN
9795.0	1415	45544	MCO	ERF 1 - Wetzlar	D	ERF - DX - Mix	2901	HKN
9860.0	1130	33443	MRA	RFA via Tinian	Lao	//9355,13790, 15695 - nx	0101	WB
9865.0	1004	25433	GUM	KTWR, Agana	E	Relig. Px, Sermon	2401	HKN
9885.0	0843	35433	GUF	SRI, Montsinery	E	Report, Swiss nx, Wx	0302	HKN
9935.0	0715	55555	GRC	ERT Thessaloniki	Greek	//11595 - overmodulated audio	2812	WB
9955.0	1800	45433	TWN	Radio Taipei Intern.	D	Welcome, Nx, Wx 16-23° C.	0302	HKN
9965.0	2055	35433	ARM	Stimme Armeniens	E	S/on, ID, NA	0402	HKN
9975.0	2340	43333	USA	KVOH Los Angeles	E	Interview, ID, Talk	0601	MHL
9990.0	1917	45444	EGY	Radio Kairo	D	ID, Nx	0302	HKN
10260.0	1532	43333	CHN	CNR-Minoritätendienst	Ch	Talk, chin. MX	0501	MHL
10330.0	1534	44444	IND	AIR Dehli, Vivdh Bharati	Vn	ind. MX, Talk	0501	MHL
11402.0	1150	55555	ISL	Rikisutvarpid Reykjavik	Icelandic	//13865,17775 - special txion	0101	WB
11540.0	1255	33433	TJK	RFA Dushanbe	Tibetan	//9365 - Tib. Mx, Tibetan 11-14	0101	WB
11595.0	0720	35333	GRC	ERT Thessaloniki	Greek	//9935 - overmodulated audio	2812	WB
11635.0	0740	55555	RUS	R. Free Chechnyo	Russ	//9470+15605 - Ital. Opera mx	2812	WB
11650.0	0944	25322	MRA	KFBS Saipan	R	Relig. Px, Sermon	0302	HKN
11660.0	1420	35433	AUS	R. Australien, Shepp.	E	ID, contry mx	2801	HKN
11705.0	1308	24322	CAN	NHK, Sackville	JAP	(J1) Nx, Political Comment	2801	HKN
11710.0	0345	35433	ARG	RAE Buenos Aires	S	Folklore Musik Px c/d 04.03	2501	HKN
11710.0	1300	45433	I	AWR, Forli	F	ID in English, IS, relig. Px	2801	HKN
11730.0	0930	35433	CHN	CRI Beijing	E	//15210 ID	0302	HKN

11745.0	0115	35433	CHL	Voz Cristiana	S	ID	0502	HKN
11785.0	1900		INS	RRI Jakarta	F		0202	PP
11818.0	0343	55533	?	UNID	Arab	Horribly overmodulated audio	0801	EBC
11830.0	2122	33433	B	R. Anhanguera	P	Adverts and talk	0601	EBC
11835.0	1336	34433	BIH	R. Jugoslawien	E	Nx, Jingle, Report	2801	HKN
11880.0	0918	34333	AUS	R. Australia, Shepp.	E	//17750 Talks	0302	HKN
11890.0	0305	25433	CLN	NHK, Ekala	JAP	(N1) Nx, ID //5960 via Sackville	1801	HKN
11915.0	0924	35444	RUS	R. Tatarstan	TAT./R	Literature Px, Folklore Songs ID	2401	HKN
11915.1	2203	22222	B	R.Gaicho	P	Talk, Talk, ID	0601	MHL
11920.0	1345	34433	???	VOA (location?)	E	VOA Ness now	2801	HKN
11930.0	1401	32332	IRN	IRIB Teheran	R	ID, Nx, Comment, c/d 14.57	0302	HKN
11930.0	1401	43333	PHL	VOA	Khmer	ID, amerikanische Country mx	0302	HKN
11980.0	0345	25533	BEL	R. Vlanderen Int.	E	ID & Jingle	0801	EBC
11980.0	2307	33333	EQA	HCJB Quito	D	Anden-MX, religiöse Prgr.	0601	MHL
11987.3	1353	35333	ROU	R. Rumänien Intern.	E	ID, Sports on this weekend	2801	HKN
11995.0	1314	15322	PHL	FEBC Manila	E	ID, Sermon by man	0302	HKN
12005.0	0955	35433	RUS	R. Rossii, Armavir	R	//13705 Rossii - Seminars	0302	HKN
12025.0	2110	25433	EQA	HCJB Quito	D	Neue Frequency - ex. 11720	2501	HKN
12030.0	0446	25322	GAB	NHK, Moyabi	R	ID, Adr., Politic. Talks, instr. Mx	1801	HKN
12055.0	0905	24322	RUS	DW Relay via Irkutsk	E	Nx, Presseschau, ID	2401	HKN
12065.0	0740	34333	RUS	R. Rossii, Armavir	R	Songs, announcer, ID	2401	HKN
12069.9	0837	45444	ALB	TWR Relay	E	Sermon	0302	HKN
12105.0	0545	25433	GRC	VO Greece	GRIECH	Greek Folklore, ID c/d 05.50	2601	HKN
12160.0	1522	24322	MRA	KFBS Saipan	VN	Relig. Px, Prediger, Choir	0302	HKN
12160.0	2150	35433	USA	WWCR, Nashville	E	ID, Relig. Px	2701	HKN
12255.0	1830	15422	IRL	Radio Fax	E	Relig. Px, //6295 3910	3001	HKN
13640.0	1420	45544	G	Global Sound Kittchen (Merlin), Skelton	E	ID, Techno Musik, Hinweis auf Webseite //9605 15510	0502	HKN
13650.0	0936	25333	MRA	VOA, Tinian	E	Americas Cuba Politic, ID	2401	HKN
13670.0	1010	25333	KOR	RKI Seoul	KOREA	Magazine, ID, songs	1901	HKN
13685.0	0835	35433	SUI	SRI Bern	E	Report abt Liechtenstein //9885	2401	HKN
13690.0	1515	33433	MRA	R. Free Asia, Tinian	C	//11945, Report abt Taiwan	0302	HKN
13760.4	0730	35333	KRE	R. Pyongyang	Russ	//15245 "Govorit ..."	2812	WB
13790.0	1135	43333	MRA	RFA Tinian	Lao	Nx - //9860 Tinian	0101	WB
13810.0	0830	25433	D	The Overcomer, Jülich	E	Brother Stair, ID	0302	HKN
13830.0	1047	45444	HRV	Hrvatska R., Deanovec	KROAT	//9830 6165 Political Studiotalk	1901	HKN
15020.0	1039	35444	IND	All India Radio	E	G.O.S., Frequencies + sched.	2401	HKN
15060.0	1149	15322	PIR	Radio Free London	E	//5805 clear ID, Hotline	0602	HKN
15084.1	0755	45444	IRN	IRIB Teheran	D	Px "Die Sonne"	0302	HKN
15175.2	0659	33333	PAK	R. Pak. Islamabad	Urdu	//17830, 21460 - Nat. Anthem	2812	WB
15250.0	1136	34433	MRA	VOA Relay	E	Comm. World, DX Px (SA)	2901	HKN
15260.0	0630	44433	IRN	IRIB Teheran	F	ID, Koran, Vorschau, Nx	2701	HKN
15295.0	1036	34443	MLA	Vo Malaysia	Chin	Chin. 60's songs, ID by YL	3112	ZL
15345.0	2056	33333	ARG	RAE Buenos Aires	F	Talk, Tango-MX, Anns, ID	0301	MHL
15550.0	2130	25433	EQA	HCJB Quito	S	Local Nx //12025	2701	HKN
15685.0	1230	45554	USA	WWCR Nashville	E	World of Radio 1230-1300	0101	WB
15695.0	1250	33333	KAZ	RFA Almaty	Khmer	//9355, 13790	0101	WB
15745.0	1550	43333	USA	WEWN Birmingham	E	Talk, Mariengebete, Orgel-MX	0501	MHL
17500.0	1141	45444	BUL	R. Bulgarien	D	Mailbag px	2901	HKN
17650.0	1600	43333	USA	WHRI South Bend	E	NX, Prgr., ID, Klavier-MX	0501	MHL
17675.0	0847	25433	RUS	Radiostanzija Tikhij Okean, Irkutsk	R	ID, Russian Folklore (500 kW) c/d 08.59	2401	HKN
17690.0	0755	25433	NZL	R. Neuseeland	E	English Pop Music, 08.00 Nx	2901	HKN
17785.0	0530	35322	IRN	IRIB Teheran	S	Hymne, Koran, Worldnx	2601	HKN
17795.0	1908	45433	EQA	HCJB Quito	F	ID, Sermon //15550	0302	HKN
17815.0	1330	45444	TUR	TRT Ankara	E	S/on, World Nx //15295	2801	HKN
17830.0	0655	23322	PAK	R. Pak. Islamabad	Urdu	//15175, 21460 - PAK mx	2812	WB
17870.0	1347	45444	TUR	TRT Ankara	D	DX-corner	2901	HKN
21455.0	1125	15432	EQA	HCJB Quito	E	(SSB) Sermon, ID //15115	0302	HKN
21460.2	0650	35333	PAK	R. Pak. Islamabad	Urdu	//17830, 15175 - PAK mx	2812	WB
21470.0	1136	32332	TUR	VO Turkey	A	Turkish Music, ID	0302	HKN
21490.0	1147	35433	NOR	R. Denmark	DÄNI	ID, politics	0302	HKN

21510.0	1158	25322	UKR	R. Ukraine Intern.	UKRAIN	New Frequency, //15520	0302	HKN
21565.0	1210	25333	D	RTBF, Jülich	F	ID, Innenpolitik, Interviews	0302	HKN
21605.0	0913	43333	ARS	BSKSA Riyadh	F	Nx Bulletin	2401	HKN
21645.0	1321	25333	GUF	RFI, Montsinéry	F	Political Studio talk	2801	HKN
21670.0	1242	45433	FIN	R. Finnland	FINN	ID, Political Magazine, Freq.	0302	HKN
21715.0	1142	35444	TUR	VO Turkey	TÜRK	Folklore Singer, ID	0302	HKN
21770.0	1218	25322	D	SRI, Jülich	D	ID, px in Swiss German	0302	HKN
21820.0	1236	24333	AUS	R. Australia, Shepp.	E	ID (70 kW), East-Timor Report	0302	HKN
25740.0	1131	25433	D	Deutsche Welle	D	"Kurzweile und Satellit"	2901	HKN

OVERSEAS LOGBOOK :*with loggings from North America*

4835.0	1025	Strong	GTM	R. Tezulutlan, Coban	Vn	Nonstop marimba mx, 1058 ID	2111	AQ
4845.0	2332	54555	GTM	R. Kekchi	S	Comments by OM, mx	3011	MH
4930.0	2329	34433	HND	R. Internacional	S	Taped comments, mx	3011	MH
4985.0	2356	22222	B	R. Brasil Central	P	Comments by YL	3011	MH
5845.0	2020	54444	BUL	R. Bulgaria	E	Orchestral mx, ID, bridge mx	2912	MH
5890.0	2324	33333	D	WAR via Jülich	French	Mx, comments, mx	0101	MH
5975.0	2356	55555	ATG	BBCWS via Antigua	E	Live New Year celebration	3112	MH
6055.0	0032	353	E	REE, Spain	E	0036 Radio Club	1912	RL
6089.9	0928	Fair	CHL	R. Esperanza, Temuco	S	Local mx, 0930 ID	2111	AQ
6090.0	0410	44444	AIA	Caribbean Beacon	E	Preaching by Dr. Gene Scott	3011	MH
6160.0	2313	24433	CAN	CKZN Canada	E	Phone interview	3011	MH
7105.0	0223	24333	GRC	R. Free Iraq via Greece	Arab.	Comments, bridge mx	0201	MH
7165.0	1959	34433	HNG	R. Budapest	E	IS, ID, comments	0101	MH
7205.0	2129	22222	UKR	R. Ukraine	Ukr.	Comments, taped rep. //5905	2911	MH
7255.0	1932	43333	NIG	Vo Nigeria	E	Nx about military, legal system	3011	MH
7260.0	2352	23322	IRN	IRIB	F	Comments, bridge mx	2011	MH
7285.0	1936	23322	I	RAI Rome	E	IS, ID, bridge mx	3011	MH
7300.0	0050	34333	TUR	Vo Turkey	Turk.	Phone interview	0912	MH
7470.0	2315	23322	MNG	RFA via Mongolia	Mandarin	Comments by YL	3011	MH
7535.0	2256	453	BUL	R. Bulgaria	E	R. Bulgaria Calling	1112	RL
7565.0	0403	24422	NOR	R. Norway	Norw.	Nx //7490, QRM: WJCR 7465	3011	MH
9165.0	0355	35333	AZE	Vo Azerbaijan	TT	Mx strings by OM, ID	3011	MH
9165.4	0317	Fair	AZE	Vo Azerbaijan, Gyanca	Azeri	Clear ID and opening anmts	2111	AQ
9335.0	1926	12221	KRE	R. Pyongyang	Span	Comments	3011	MH
9435.0	0359	33333	CZE	R. Prague	E	ID in several langs.	3011	MH
9465.0	1449	34433	MRA	KFBS Saipan	Russ.	Comments	3011	MH
9520.0	1000	Good	PHL	R. Veritas Asia	Mandarin	E ID, then Mandarin px	2011	AQ
9575.0	2200	34443	MRC	R. Medi Un, Tangiers	F	Mx, nx, comments	1811	MH
9655.0	0307	533	FNL	R. Finland	E	1999, stories from past year	1612	RL
9655.0	2323	453	TUR	VOT, Turkey	E	DX Corner	1812	RL
9725.0	2124	23322	J	R. Japan	E	Mx, comments //11850	2911	MH
9835.0	0330	553	HNG	R. Budapest	E	DX blockbuster	1912	RL
9845.0	0122	553	ATN	Radio Netherl., Bonaire	E	Media Network	0312	RL
9849.9	1009	Poor	KRE	R. Pyongyang	?	Talks & patriotic songs, 1100 E	2011	AQ
9865.0	2306	54444	HOL	R. Netherlands	Span.	Comments about politics	3011	MH
9905.0	0415	543	SUI	SRI Switzerland	E	Capital Letters	1212	RL
9965.0	2122	55555	ARM	Vo Armenia	E	Nx about Highway	1312	MH
11345.0	2309	55555	ARG	R. Argentina Int.	Span.	Mx, comments //11710	3011	MH
11570.0	1437	25522	PAK	R. Pakistan	E	Mx, Comments	3011	MH
11635.0	1445	24333	ALB	TWR via Albania	Russ.	Comments, bridge mx, comm.	3011	MH
11705.0	2243	55555	CAN	R. Japan via Canada	Jap.	// 11895	0101	MH
11715.0	1440	55555	USA	KJES, Vado, NM	E	Preaching by man	0912	MH
11760.0	2156	44444	CUB	R. Havana Cuba	Span.	Mx //13680	3011	MH
11895.0	2243	44444	J	R. Japan	Jap.	Brief comment, mx //17825	0101	MH
11960.0	1402	34443	IRN	IRIB	Russ.	Bridge mx, comment by YL	0912	MH
11980.0	0410	453	ATN	RVI/Belg. via Bonaire	E	Brussels Calling, Radio Wolrd	2012	RL
11995.0	0352	34433	F	R. France	F	Discussion, bridge mx	3011	MH
13690.0	1501	23332	MRA	R. Free Asia via Tinian	Mandarin	Nx by YL	3011	MH
13790.0	1711	25533	D	SRI via Jülich	Arab	// 9620 + 15555	0712	MH
15125.0	1425	11111	TWN	R. Taipei Int.	E	Comments, co-channel QRM	3011	MH

15149.8	2000	Fair	INS	Vo Indonesia	E	Foreign Service	1911	AQ
15160.0	1607	35544	ALG	Radiodiff. Algiers	F	DJ talking, mx by Simple Minds	0712	MH
15190.0	1917	Good	PHL	R. Pilipinas	Tagal./E	Pop mx, ID's in Tagalog + E	2111	AQ
15220.0	2243	35553	ASC	R. Japan via Ascension	Jap	// 11895	0101	MH
15295.0	1333	44444	UZB	R. Tashkent	E	Nx	2011	MH
15345.0	2029	55555	MRC	RTM Rabat	Arab.	Comment from a remote locat.	1711	MH
15400.0	1408	44444	FNL	R. Finland	Finn.	Nx, ment. frequency //17660	3011	MH
15420.0	0341	45544	SEY	BBCWS via Seychelles	E	Taped reports, bridge mx	3011	MH
15555.0	1711	55555	SUI	SRI	Arab	Interview abt Israel, America	0712	MH
15575.0	0238	453	KOR	RKI, Korea	E	Multiwave feedback	2012	RL
15780.0	0405	25333	IND	AIR	Persian	Instrumental mx, comments	3011	MH
17515.0	1353	54444	CVA	R. Vatican	E	Nx, bridge mx, taped report	3011	MH
17695.0	1432	44444	G	R. Japan via GB	Jap.	Instrum. Mx, comments	0712	MH
17760.0	0330	25533	THA	BBCWS via Thailand	E	Nx, bridge mx, comm.	3011	MH
17825.0	2130	443	J	R. Japan	E	Hello from Tokyo	1912	RL
17865.0	1608	45533	AUT	RÖI, Austria	E	Weekend, Daily report, postbox	1812	RL
17865.0	1633	55555	CAN	RÖI via Canada Relay	Span	Nx, ID, news about Bosnia	0712	MH
21460.0	1415	44444	CTR	RFPI	Arab.	Nx, comments	3011	MH
21550.0	1420	34443	CHL	Voz Cristiana	S	Discussion //21500+17680	3011	MH
25930.0	2000	353	CTR	RFPI	E	RFPI mailbag	1712	RL

with loggings from Asia

648.0	1230	44444	UZB	Uzbek R.	Russ.	nx	1601	OS
675.0	2335	44444	VTN	National Net 1, Hanoi	Vietn.	Talks about Vietnam //5925	1101	OS
702.0	1115	Good	IRN	IRIB	G + E	German till 1115, then E	0501	OS
963.0	0000	33443	CHN	Xinjiang PBS	Kaz.	Jingle, ID	1101	OS
1107.0	1500	Fair	AFG	R. Afghanistan	E	1500-1515 E	2912	AD
1242.0	1200	43433	VTN	Vo Vietnam (tent.)	Vietn. ?	Many words about Vietnam	0501	OS
1548.0	1116	45333	KAZ	Kazakh R.	Kazakh	Talks + Nat. mx, 1200 ID	0901	OS
3663.0	1600	Fair	PAK	Azad Kashmir R.	E	Relay nx R. Pakistan	3112	AD
6060.0	0900	32332	RUS	Amurskoe R.	Russ.	Local px, QRM Sichuan (tent.)	1601	OS
6060.0	0930	Fair	RUS	Amurskoe R.	Russ.	Local px // 189 kHz	1912	HO
6195.0	0930	35333	KRE	R. Pyongyang	Ko.	Nx //9345	1101	OS

I'm sorry that this logbook is very late this month. Unfortunately our old Logbook Editor Paul Leclair has resigned from this "job" after nearly 20 years (he started in August 1980 as Mediumwave Editor) due to personal reasons. Let me take this opportunity to thank Paul very much for all the hours he has invested to write the Logbook during this long period.

We now need a new Logbook Editor as soon as possible (preferably with a personal computer and e-mail access). If you happen to be interested to write our Logbook in the future, please do not hesitate to write to me.

And please excuse all mistakes I have made in the Logbook this month. I had to compile it in a hurry besides all the other club work and without Paul's experience - not having written the Logbook for a long time.

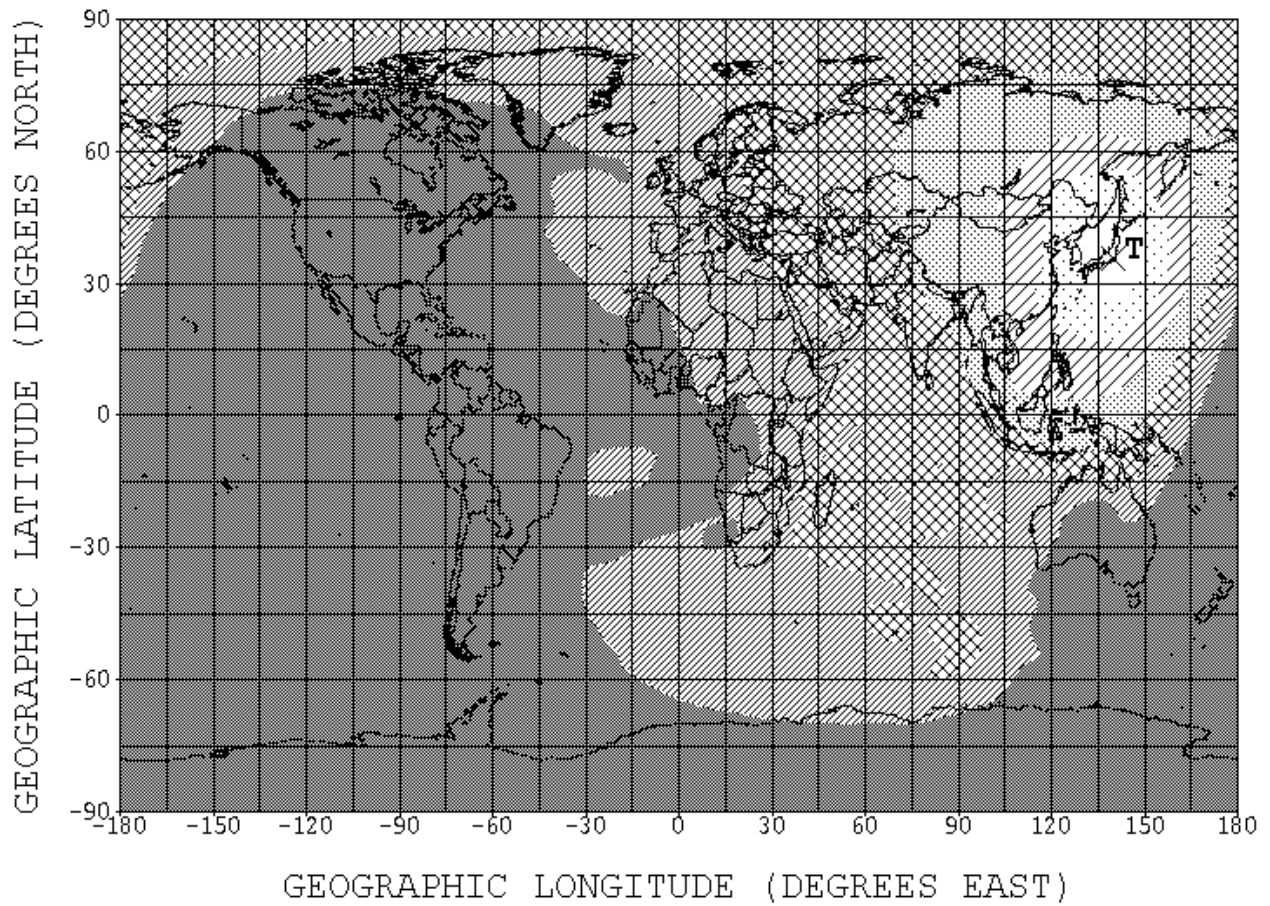
Thanks a lot for your contribution :

AD : Alan Davies, Agra, India

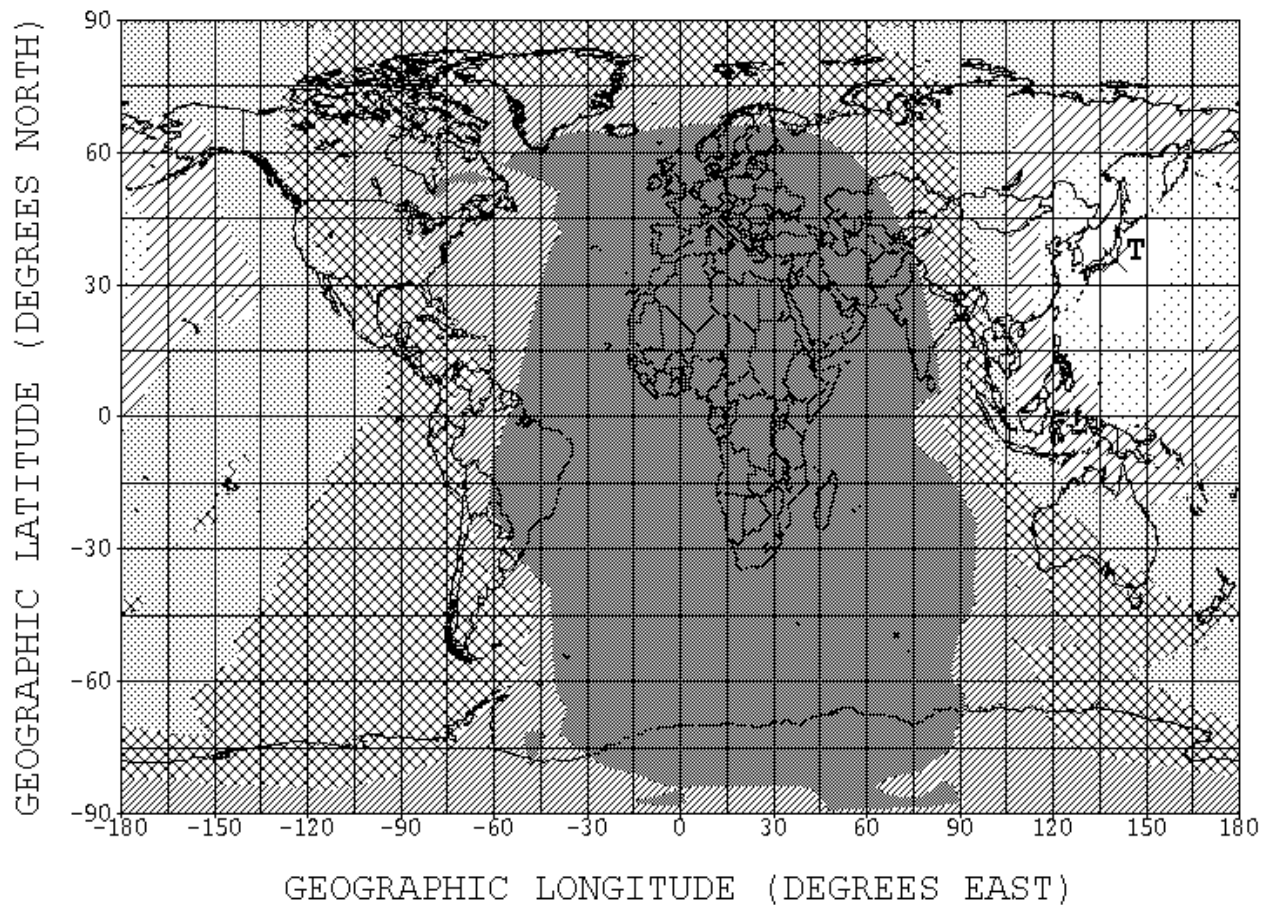
AQ : Al Quaglieri, Albany, NY, USA

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

EBC : Camillo, Etere Radioascolto Teramo, ITALY - Kenwood R-1000, Ant.: Megaloop 100 metres



Pic.1: Radio Tampa at 2200 UTC on 31m Band frequencies, 50 kW, omnidirectional



Pic.2: Radio Tampa at 1000 UTC on 31m Band frequencies, 50 kW, omnidirectional