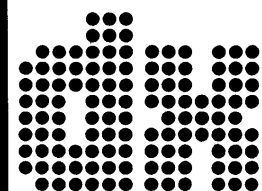


3 - 2004

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WORLD WIDE DX CLUB



WORLD WIDE DX CLUB



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

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DX MAGAZINE No. 3

Vol. XXXIX

March 2004

Hello again,

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

A new website concerning broadcasting in South Asia **DXASIA.INFO** is now up and running, and two of South Asia's greatest shortwave listeners are behind this venture! Victor Goonetilleke and Alok das Gupta have combined their vast knowledge of shortwave monitoring in that part of the world to come up with a useful site with frequency database lists and lots of information on international broadcasting in India, Sri Lanka, Pakistan, and other countries in the region. You can check out this new site, which is rapidly being updated and expanded, at <http://www.dxasia.info>. **(Joe Hanlon, Mays Landing, NJ, USA)**

A weekend **DX camp of the CSDXC** will be arranged in a local radioclub cottage in Sneznik (600 m above sea), a village near Decin (20 km from border crossing Bad Schandau/Hrensko, 10 km from Bahratal/Petrovice), in the last weekend of May, 28.-30.5.2004. Low price (5 euro per night), the cottage is equipped with complete kitchen, 2 restaurants available 50 and 400 m from the cottage (2-4 euro per meal). Enough place to install longwire antennas, good point for FM DXing. Participants from Germany are welcome! For detailed info please contact OM Jaroslav Bohac, E-Mail: trams@volny.cz.

(Cf. DXM 2, page 3) The **final B03 update** for WRTH 2004 is available since March 2004. This revised update includes station information and schedule changes up to 1st March 2004. The March update is the last update for the B03 season; it includes changes published in the February edition, further updated as necessary, plus additional info reflecting changes and new information received during the last weeks. This is a 13 page PDF file and can be downloaded from the WRTH website by following this link: <http://www.wrthcom/wrthupdatesmarch04.pdf>.

The Danish Shortwave Clubs International are running their 16th International DX Contest **The Grand Tour with Cancer and Capricorn 2004** from Friday 2nd April, 1800 UTC, to Sunday 18th April, 2400 UTC. It is open to all shortwave listeners regardless to their membership in any DX club. Primary contest frequencies are from 2300 to 26100 kHz. Logs outside this range will be valued by half points. The contest fee IRC 5.00 (only new large coupons please) / EUR 3.00 / USD 3.00 shall be sent together with the contest form to: Jaroslav Bohac, Jizerska 2900/11, 400 11 Usti n.L., Czech Republic, E-Mail: trams@volny.cz. Deadline: 23rd April, 2004 (date of post stamp), 31st April 2002 (by e-mail). Each participant will receive a contest diploma with his/her classification and a list of participants with their results. The first three participants will be awarded non-cash prizes; three additional prizes will be drawn into all participants regardless to their scoring. The contest form and full details are available by E-Mail or by mail against return postage from OM Jaroslav.

Klingenfuss Publications, Hagenloher Str. 14, D-72070 Tuebingen, Germany, E-Mail: info@klingenfuss.org, now present a fascinating new product: Digital Data Decoder Screenshots on CD-R. The result of 2,300 man hours of radio monitoring and editorial work, its price is 80 EUR including registered mail worldwide. From our vast archives dating back to 1967, we now make available this selection of more than 3,500 (three thousand five hundred!) digital data decoder screenshots on CD-R. Included are more than 550 aeronautical, coast guard, company, diplomatic, fixed, maritime, meteorological, military, police,

press, telecom and terrorist stations and particularly interesting messages from non-governmental organizations (NGOs) such as the International Committee of the Red Cross (ICRC), Medecins Sans Frontieres (MSF) and so on. A detailed list of countries and stations included can be found on our website. The time range covers 1997 to today and new screenshots from our global radio monitoring are added continuously. The printed index gives full details for each graphic file such as country, station, callsign, frequency, and mode. These standard graphic files in .gif or .jpg format are easily readable with any standard software package, alternatively just execute the convenient "slide show" on your Windows PC: this particular show will keep you busy for a few days.

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

ALASKA: *KNLS*, Anchor Point, Alaska - season schedule A03. Mailing address: Station KNLS, Anchor Point, AK 99556, USA. Fax: +615-371-8791 and email: <KNLS@aol.com> (for reception reports subject should be "reception report" without quotes). KNLS will provide only ONE QSL for each report, regardless the number of entries and doesn't NOT provide QSL's for other transmitter operators who may air World Christian Broadcasting programs. Only 200 special cards are awarded each season. Each card is individually numbered and features a full color photo of Alaska. To qualify, a report must include: The date and time (UTC only) of the transmission, the frequency and as many program details as you can supply. At the web you will find KNLS at the URL <<http://www.knls.org>>. Seasonal schedule valid March 28, 2004 to April 25, 2004 :

UTC	kHz	Language	1300	11870	English
0800	11765	English	1400	9615	Mandarin
0900	11765	Russian	1500	9615	Mandarin
1000	11765	Mandarin	1600	9615	Mandarin
1100	9795	Russian	1700	12105	Russian
1200	11765	Mandarin			

(KNLS schedule at the web last modified on 1 March 2004, via JKB)

ALBANIA: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe - TWR* via Cerrik transmitters, Albania. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES	1625-1740	1234567	PES	9960	100	90	30/40
0200-0230	123 567	PES	7355	100	90	30/40	1625-1740	1234567	PES	12075	100	90	30/40
0200-0230	123 567	PES	9975	100	90	30/40	1740-1755	7	QSQ	9960	100	90	30/40
0515-0530	1234567	PQL	6235	100	350	28	1740-1755	7	QSQ	12075	100	90	30/40
0515-0530	1234567	PQL	7380	100	350	28	2000-2030*	12345	SWD	9435	100	350	18
0530-0545	12345	SLO	6235	100	350	28/29	2030-2100*	12345	NRN	9435	100	350	18
0645-0750	6	ENG	11865	100	310	27	LW & MW transmitters Fllake, Albania:						
0645-0820	7	ENG	11865	100	310	27	TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
0715-0820	12345	ENG	11865	100	310	27	1810-1840	12345	SRC/SER	1395	500	330	28
1342-1357	1	RUS	11615	100	33	28/29/30	1825-1840	67	SRC/BOS	1395	500	330	28
1342-1427	67	RUS	11615	100	33	28/29/30	1840-1915	1234567	HNG	1395	500	330	28
1342-1457	2345	RUS	11615	100	33	28/29/30	1915-1930	7	RUS	1395	500	330	28
1357-1427	1	RUW	11615	100	33	28/29/30	1915-1930	5	ABV	1395	500	330	28
1427-1457	1	RUS	11615	100	33	28/29/30	1915-1930	4	KDB	1395	500	330	28
1445-1500	7	PQL	6240	100	350	28	1915-1930	3	PES	1395	500	330	28
1445-1500	7	PQL	9735	100	350	28	1915-1930	2 6	TRK	1395	500	330	28
1500-1530	1234567	PQL	6240	100	350	28	1915-1930	1	PQL	1395	500	330	28
1500-1530	1234567	PQL	9735	100	350	28	1930-1945	1234567	SRC/CRO	1395	500	330	28
1533-1548	67	ARM/EAS	9945	100	90	29S/39N	1945-2015	67	SRC/BOS	1395	500	330	28
1533-1548	67	ARM/EAS	12080	100	90	29S/39N	1945-2015	12345	SRC/CRO	1395	500	330	28
1533-1603	12345	ARM/EAS	9945	100	90	29S/39N	2015-2030	1234567	SLO	1395	500	330	28
1533-1603	12345	ARM/EAS	12080	100	90	29S/39N	2030-2100	1234567	CZC	1395	500	330	28
1606-1621	12 45	CZC	6240	100	350	28							
1606-1621	12 45	CZC	7240	100	350	28							

*) 26.04.04 to 06.08.04

(TWR Europe Vienna Office - Bernhard Schraut via WDXC-HQ, updated: 05 March 2004)

China Radio International - CRI have a new broadcast in Italian started from March 2nd 2004 at 1800-1900 on 1458 kHz via transmitter in Albania. (Nino Marabello)

AUSTRIA: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of **Trans World Radio Europe - TWR** via Moosbrunn transmitters, Austria. Postal address: TWR-EUROPE, Vienna Office, Frequency Coordination, P.O.B. 141, A-1235 Vienna, Austria. Fax: +43-1-863-12-20 or +43-1-862-12-57. E-mail: <eurofreq@twr-europe.at>. Website <<http://www.twr.org>>. TWR is a Christian evangelical broadcaster with headquarters in North Carolina, USA.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
1342-1357	1	RUS	9725	100	55	28/29/30
1342-1427	67	RUS	9725	100	55	28/29/30
1342-1457	2345	RUS	9725	100	55	28/29/30
1357-1427	1	RUW	9725	100	55	28/29/30
1427-1457	1	RUS	9725	100	55	28/29/30

Day 1 = Mon .. 7 = Sun

(TWR Europe Vienna Office - Bernhard Schraut via WDXC-HQ, updated: 05 March 2004)

BELGIUM: **Radio Vlaanderen Internationaal - RVI** A04 program schedule.

UTC	Lang.	kHz	Target area	Xmtr site	Beam	1300-1600	DT(Sun)	15195	Europe	Moscow	248
0400-0430	EG	9590	Americas	Bonaire	320	15160		15160	SW Europe	Rampisham	168
0430-0500	DT	9590	Americas	Bonaire	320	1700-1800	DT	13690	SW Europe	Skelton	180
0500-0530	DT	15195	Europe	Krasnodar	284	1700-1715	FR	9925	Europe	Moscow	248
		9590	SE Europe	Julich	115	1715-1730	GM	9925	Europe	Moscow	248
		9925	C. Africa	Meyerton	355	1730-1800	EG	9925	Europe	Moscow	248
0530-0600	DT	15195	Europe	Krasnodar	284			11640	SE Eur/Mideast	Julich	130
		9925	SE Europe	Julich	115	1800-1900	DT	9925	Europe	Moscow	248
0600-0700	DT	15195	Europe	Krasnodar	284			13690	SW Europe	Skelton	180
		9590	SE Europe	Julich	115			11640	SE Eur/Mideast	Julich	130
0700-0730	EG	5985	Europe	Julich	ND			15325	C+S Africa	Dhabayya	230
0700-0800	DT	15195	Europe	Krasnodar	284	1800-2000	DT(Sat)	5910	Europe	Julich	ND
		9590	SW Europe	Skelton	180	1900-1915	GM	9925	Europe	Moscow	248
1000-1100	DT(Sun)	21630	C. Africa	Meyerton	355	1915-1930	FR	9925	Europe	Moscow	248
1100-1130	DT	15195	SW Europe	Rampisham	168	1930-2000	EG	9925	Europe	Moscow	248
		15450	Europe	Moscow	248	2000-2100	DT	9925	Europe	Moscow	248
		21630	C. Africa	Meyerton	355			9940	SW Europe	Skelton	180
1130-1200	EG	9940	Asia/AUS	Irkutsk	155	2200-2230	EG	11635	Americas	Bonaire	350
1200-1230	DT	9940	Asia/AUS	Irkutsk	155	2230-2300	DT	11635	Americas	Bonaire	350
		17695	Asia/AUS	Tashkent	131						

[DT = Dutch, EG = English, GM = German, FR = French Ed.]

(Provided by Frans Vossen via Joe Hanlon in DXLD 4-046, March 12, 2004)

A04 planned schedule for **TDP RADIO**'s own programming, and those brokered for other organizations, is:

6015 1400-1500 (DRM) Julich, Germany, English, TDP
 7560 1700-1800 Samara Russia, Russian, Mesopotamian Radio
 7560 2000-2100 Armavir Russia, English, TDP
 7590 2000-2100 Armavir Russia, English, TDP
 9850 1000-1100 (DRM) Flevo, Netherlands, English, TDP
 9930 1230-1300 KWHR USA, Vietnamese, Radio Free Vietnam
 9930 1330-1400 KWHR USA, Vietnamese, Que Hong Radio
 11530 0400-0800 Kalatch Russia, Kurdish, Voice of Mezopotamya
 11530 0800-1200 Kalatch Russia, Kurdish, Voice of Mezopotamya
 11530 1200-1600 Kalatch Russia, Kurdish, Voice of Mezopotamya
 12120 1700-1800 Samara Oromo (various)
 12120 1700-1800 Samara Russia, Tigrigna
 12120 1830-1930 Samara Amharic, Voice of Ethiopian Medhin
 15660 1400-1500 Vladivostok, Khmère, Voice of Khmère-Kampuchea Krom
 15675 0400-0500 Samara Tigrigna, Voice of Liberty, Eritrea.

All broadcasts for Europe/Africa - not all transmissions are daily. The current schedule, but excluding sites (!) is at <<http://www.airtime.be/schedules.html>>

(EDXP via BC-DX, 2004 Feb 27)

BULGARIA: **Radio Bulgaria** say that for 2004 they have produced 24 new QSL cards and a 6-part e-mail QSL card series. Conditions for the e-mail cards are: EVERY 2 months 3 receptions reports per month, sent together. Thanks to Paul Gager for that info received

in a letter from Radio Bulgaria. (Roger Bixley, QSL Report, BDXC-UK Communication via DXLD 4-041, March 5, 2004)

CANADA: Management at *Radio Canada International* have officially informed the employees' union that two of the four announcer-producer positions in the Ukrainian service have been abolished. Both had been filled temporarily since last year, with no clear explanation why they had not been filled permanently. The RCI Action Committee says it's not clear what the remaining two people in the service will be doing when the new programming starts on March 29, given that there will no longer be any newscasts in Ukrainian. (©RNMN February 26, 2004, via JKB)

Radio Canada International - RCI A04 short wave broadcast schedule, effective April 4th to October 30th, 2004, published by RCI-Engineering. Postal address: Radio Canada International, P.O. / C.P. 6000, Montreal H3C 3A8, Canada. E-Mail: <rci@montreal.radio-canada.ca>.

UTC	Tx	kHz	kW	AZ	TARGET	ROGRAMS
0000-0057	KIM	9640	100	225	Asia / China	ENGLISH / ANGLAIS
	XIA	15205	120	188	Asie / Chine	MON / LUN: The Maple Leaf Mailbag / Spotlight
						TUES-SAT / MAR-SAM: The World at Six / As It Happens
						SUN / DIM: Business Sense / Sci-tech File
0000-0029	SAC	11825	250	176	Caribbean / Latin Amer	SPANISH / ESPAGNOL
	SAC	11990	250	240	Caraïbes / Amérique la	MON / LUN: Contestacion a la correspondencia
	SAC	13725	250	189		TUES-SAT / MAR-SAM: Canada en las Américas
						SUN / DIM: La semana canadiense
0100-0159	SAC	9755	250	277	United States / Caribb	ENGLISH / ANGLAIS
	SAC	11990	250	240	Etats-Unis / Caraïbes	MON / LUN: The Maple Leaf Mailbag / Spotlight
	SAC	13710	250	272		TUE / MAR: The World at Six / Media Zone
						WED / MER: The World at Six / The Mailbag
						THU / JEU: The World at Six / Spotlight
						FRI / VEN: The World at Six / Business Sense
						SAT / SAM: The World at Six / Sci-tech File
						SUN / DIM: Business Sense / Sci-tech File
0200-0257	XIA	15510	120	258	India	ENGLISH / ANGLAIS
	XIA	17860	120	258	Inde	MON / LUN: Quirks & Quarks
						TUE / MAR: Writers & Company
						WED-FRI / MER-VEN: The Nighttime Review
						SAT / SAM: Talking Books / C'est la vie
						SUN / DIM: Global Village
0230-0259	HBY	5840	350	135	Middle East	ARABIC / ARABE
	SKN	9635	300	110	Moyen-Orient	
	VIE	11835	100	115		
0330-0359	WER	7125	250	120	Middle East	ARABIC / ARABE
	SKN	9645	300	110	Moyen-Orient	
	VIE	11900	100	115		
1200-1259	YAM	9660	100	270	Asia / China	ENGLISH / ANGLAIS
	YAM	15190	300	235	Asie / Chine	MON / LUN: Quirks & Quarks
						TUE / MAR: Writers & Company
						WED-FRI / MER-VEN: The Nighttime Review
						SAT / SAM: Talking Books / C'est la Vie
						SUN / DIM: Global Village
1200-1459	SAC	9515	250	277	United States / Caribb	ENGLISH / ANGLAIS
	SAC	13655	250	240	Etats-Unis / Caraïbes	MON-THU / LUN-JEU: The Current /
	SAC	17800	250	189		Sounds like Canada / Outfront
						FRI / VEN: The Current / Sounds like Canada /
						C'est la vie
1300-1329	YAM	9660	100	270	China	LANGUAGE LESSONS
	YAM	15190	300	235	Chine	LEÇONS DE LANGUE
1300-1529	SAC	13785	250	189	Southeast United State	FRENCH / FRANÇAIS
	SAC	17820	250	227	Le sud-est des Etats-U	MON-FRI / LUN-VEN: Indicatif présent
1300-1559	SAC	9515	250	277	United States / Caribb	ENGLISH / ANGLAIS
(Sat & Sun	SAC	13655	250	240	Etats-Unis / Caraïbes	SAT / SAM: The House / The Vinyl Café /
	SAC	17800	250	189		Quirks & Quarks
						SUN / DIM: The Sunday Edition
1400-1559	SAC	13785	250	189	Southeast United State	FRENCH / FRANÇAIS
(Sat & Sun	SAC	17820	250	227	Le sud-est des Etats-U	SAT / SAM: Des idées plein la tête / Mag radio
						SUN / DIM: Dimanche magazine
1430-1459	YAM	9680	300	290	China	LANGUAGE LESSONS
	YAM	11890	300	270	Chine	LEÇONS DE LANGUE
1500-1557	XIA	15455	120	258	India	ENGLISH / ANGLAIS
	XIA	17720	120	258	Inde	MON / LUN: Canada Today / Media Zone
						TUE / MAR: Canada Today / The Mailbag
						WED / MER: Canada Today / Spotlight
						THU / JEU: Canada Today / Business Sense
						FRI / VEN: Canada Today / Sci-tech File
						SAT / SAM: Business Sense / Sci-tech File
						SUN / DIM: The Maple Leaf Mailbag / Spotlight
1500-1529	KIM	6055	250	305	Russia	RUSSIAN / RUSSE

	HBY	9920	350	85	Russie	MON-FRI / LUN-VEN: Canada Today
	WER	11935	250	75		SAT / SAM: Language Lessons
	RMP	15325	500	62		SUN / DIM: Sports Review & Listeners' Forum
1600-1629	WOF	11935	250	82	Russia	RUSSIAN / RUSSE
	RMP	15325	500	80	Russie	MON-FRI / LUN-VEN: Canada Today
						SAT / SAM: Language Lessons
						SUN / DIM: Sports Review & Listeners' Forum
1800-1859	WER	9530	250	140	Sub-Saharan Africa	ENGLISH / ANGLAIS
	DHA	11770	250	230	Afrique sub-saharienne	MON / LUN: Canada Today / Media Zone
	WER	13730	250	170		TUE / MAR: Canada Today / The Mailbag
	SKN	15255	300	180		WED / MER: Canada Today / Spotlight
						THU / JEU: Canada Today / Business Sense
						FRI / VEN: Canada Today / Sci-tech File
						SAT / SAM: Business Sense / Sci-tech File
						SUN / DIM: The Maple Leaf Mailbag / Spotlight
1900-1959	HBY	5850	350	245	Europe	FRENCH / FRANÇAIS
	SKN	5995	300	110		MON / LUN: Canada en direct / Zone médias
	SKN	7235	300	180		TUE / MAR: Canada en direct / Le Courrier mondial
	SAC	13700	250	60		WED / MER: Canada en direct / Fréquence culture
	SAC	15325	250	60		THU / JEU: Canada en direct / Le Sens des affaires
	SAC	17870	250	60		FRI / VEN: Canada en direct / Science-Tech
						SAT / SAM: Le Sens des affaires / Science-Tech
						SUN / DIM: Le Courrier mondial / Fréquence culture
1915-1944	WER	11965	250	200	Middle East	ARABIC / ARABE
	MOS	15200	100	115	Moyen-Orient	
	SAC	17820	250	92		
	VOL	93,3	FM		Beirut / Beyrouth	
	VOL	93,4	FM		Bekaa / Békaa	
	VOL	93,6	FM		Lebanon (N & S) / Liban	(Nord & Sud)
2000-2059	HBY	5850	350	245	Europe	ENGLISH / ANGLAIS
	SKN	7235	300	110		MON / LUN: Canada Today / Media Zone
	SKN	11690	300	110		TUE / MAR: Canada Today / The Mailbag
	SAC	13700	250	60		WED / MER: Canada Today / Spotlight
	SAC	17870	250	60		THU / JEU: Canada Today / Business Sense
						FRI / VEN: Canada Today / Sci-tech File
						SAT / SAM: Business Sense / Sci-tech File
						SUN / DIM: The Maple Leaf Mailbag / Spotlight
2000-2059	SKN	5995	300	180	North Africa	FRENCH / FRANÇAIS
	WER	11965	250	195	Afrique du nord	MON / LUN: Canada en direct / Zone médias
	SAC	15325	250	60		TUE / MAR: Canada en direct / Le Courrier mondial
						WED / MER: Canada en direct / Fréquence culture
						THU / JEU: Canada en direct / Le Sens des affaires
						FRI / VEN: Canada en direct / Science-Tech
						SAT / SAM: Le Sens des affaires / Science-Tech
						SUN / DIM: Le Courrier mondial / Fréquence culture
2115-2144	RMC	1233	MW		Middle East Moyen-Orient	ARABIC / ARABE
2130-2229:	SAC	15300	250	227	Southeast United State	FRENCH / FRANÇAIS
(Mon-Fri)	SAC	17880	250	227	Le sud-est des Etats-U	MON-FRI / LUN-VEN: Sans frontières
2200-2259	SAC	15300	250	227	Southeast United State	FRENCH / FRANÇAIS
(Sat & Sun)	SAC	17880	250	227	Le sud-est des Etats-U	SAT / SAM: Le Sens des affaires / Science-Tech
						SUN / DIM: Le Courrier mondial / Fréquence culture
2200-2259	ASC	11755	250	65	Sub-Saharan Africa Afrique sub-saharienne	FRENCH / FRANÇAIS
						MON / LUN: Canada en direct / Zone médias
						TUE / MAR: Canada en direct / Le Courrier mondial
						WED / MER: Canada en direct / Fréquence culture
						THU / JEU: Canada en direct / Le Sens des affaires
						FRI / VEN: Canada en direct / Science-Tech
						SAT / SAM: Le Sens des affaires / Science-Tech
						SUN / DIM: Le Courrier mondial / Fréquence culture
2200-2229:	SAC	5960	250	240	USA / Caribbean / Lati	ENGLISH / ANGLAIS
	SAC	13785	250	240	Etats-Unis / Caraïbes	MON-FRI / LUN-VEN: The World at Six
	SAC	15170	250	176		SAT-SUN / SAM-DIM: The World This Weekend
2200-2229	KIM	9525	100	225	China	CHINESE / CHINOIS
	KIM	11810	100	305	Chine	
	YAM	12035	300	235		
2229:30-23	SAC	5960	250	240	United States / Caribb	ENGLISH / ANGLAIS
	SAC	13785	250	240	Etats-Unis / Caraïbes	MON-FRI / LUN-VEN: As It Happens
						THU / JEU: Dispatches (23:30)
						SAT / SAM: Media Zone / Global Village
						SUN / DIM: Madly Off... / Writers & Company
2229:30-22	SAC	15300	250	227	Southeast United State	FRENCH / FRANÇAIS
(Mon-Fri)	SAC	17880	250	227	Le sud-est des Etats-U	MON / LUN: Zone médias
						TUE / MAR: Le Courrier mondial
						WED / MER: Fréquence culture
						THU / JEU: Le Sens des affaires
						FRI / VEN: Science-Tech
2230-2259	KIM	9525	100	225	China	ENGLISH / ANGLAIS
	KIM	11810	100	305	Chine	MON / LUN: Media Zone
	YAM	12035	300	235		TUE / MAR: The Maple Leaf Mailbag
						WED / MER: Spotlight

THU / JEU: Business Sense
 FRI / VEN: Sci-tech File
 SAT / SAM: Media Zone
 SUN / DIM: Madly Off in All Directions
 CHINESE / CHINOIS

2300-2329 KIM 9525 100 225 China
 YAM 11715 300 235 Chine
 KIM 11810 100 305
 YAM 13660 300 270
 SNG 15360 100 13

2300-2329 SAC 11825 250 176 Caribbean / Latin Amer
 SAC 15455 250 240 Caraïbes / Amérique la

SPANISH / ESPAGNOL
 MON-FRI / LUN-VEN: Canada en las Américas
 SAT / SAM: La semana canadiense
 SUN / DIM: Contestacion a la correspondencia

A04 Broadcast Schedule for Radio (Digital Radio Mondial - DRM), effective April 4th (07:00 UTC) to October 30th, 2004 (07:00 UTC):

2100-2159 SAC 9800 70 268 Northeast United State
 Nord-est des Etats-Uni

ENGLISH / ANGLAIS
 MON-FRI / LUN-VEN: The World at Six / As It Happens
 SAT / SAM: The Vinyl Café
 SUN / DIM: Writers & Company

Transmitter Sites:

MSK: MOSCOW, RUSSIA VIE: VIENNA, AUSTRIA
 RMC: RADIO MONTE CARLO VOL: VOICE OF LEBANON
 RMP: RAMPISHAM, UNITED KIN WOF: WOFFERTON, UNITED KINGDOM
 SAC: SACKVILLE, CANADA WER: WERTACHTAL, GERMANY
 SKN: SKELTON, UNITED KINGD XIA: XIAN, PEOPLE'S REPUBLIC OF CHINA
 SNG: SINGAPORE YAM: YAMATA, JAPAN

(Schedule Issued on March 1st, 2004; via Andreas Volk - ADDX via WB; 2004 March 11)

CHILE: For A04 season, the **BBC** plans to use a new relay in Santiago, Chile: 17605, 1900-2030, for daily transmissions to Brazil and the South Atlantic. This will be 100 kW, azimuth 45 degr. (EDXP via BC-DX, 2004 Feb 27)

CHINA (Peoples Rep.): From 1 March 2004, **China Radio International - CRI** will be broadcasting in English two hours a day on mediumwave for Eastern European listeners. The broadcasts will be aired at 0700-0900 UTC on 1395 kHz from a transmitter in Albania. The programmes will be:

0700-0755 RealTime Beijing
 0755-0800 Learn Chinese Now
 0800-0830 News and Reports
 0830-0855 Daily CRI feature programmes
 0855-0900 Learn Chinese Now

CRI wants reception reports on this broadcast by E-mail to <crieng@cri.com.cn>. (©RNMN February 26, 2004, via JKB)

China Radio International - CRI plans to expand its Urdu service from one hour to three hours daily. The expansion will take place within the next three months. CRI will then have one-hour Urdu broadcasts in the morning, early evening and late evening. According to Pakistani broadcaster Naveed Chohan, who works at CRI, the Urdu service is gaining popularity due to its news and current affairs programmes. (Source: Paknews.com at ©RNMN February 23, 2004, via JKB)

A04 frequencies for **China Radio International** via KAS (Kashi-Kashgar):

0100-0157 on 5905 KAS 100 kW / non-dir in Russian	2000-2057 on 7245 KAS 500 kW / 269 deg in Mandarin Ch
0300-0357 on 5905 KAS 100 kW / non-dir in Russian	1400-1457 on 7265 KAS 100 kW / 173 deg in Sinhala
1200-1957 on 5905 KAS 100 kW / non-dir in Russian	1500-1600 on 7265 KAS 100 kW / 173 deg in Mandarin Ch
1600-1657 on 5915 KAS 100 kW / 209 deg in Urdu	1800-1857 on 7325 KAS 500 kW / 294 deg in Italian
1900-1957 on 7130 KAS 500 kW / 294 deg in Albanian	1700-1757 on 7330 KAS 500 kW / 308 deg in Russian
2000-2027 on 7130 KAS 500 kW / 294 deg in Serbian	1400-1557 on 9560 KAS 100 kW / 174 deg in English
1900-2057 on 7140 KAS 500 kW / 269 deg in English	1830-1857 on 9570 KAS 500 kW / 282 deg in Hausa
1600-1657 on 7160 KAS 100 kW / 239 deg in Arabic	1300-1357 on 9635 KAS 100 kW / 174 deg in Hindi
1830-1927 on 7160 KAS 100 kW / 239 deg in Arabic	1500-1557 on 9665 KAS 500 kW / 239 deg in Persian
1800-1957 on 7170 KAS 500 kW / 308 deg in German	2200-2257 on 9675 KAS 100 kW / 239 deg in Mandarin Ch
2030-2127 on 7180 KAS 500 kW / 294 deg in Italian	0200-0227 on 11870 KAS 100 kW / 173 deg in Tamil
2000-2157 on 7190 KAS 500 kW / 308 deg in English	1600-1727 on 12000 KAS 100 kW / 239 deg in Swahili
1500-1657 on 7235 KAS 100 kW / 174 deg in Hindi	0200-0227 on 13715 KAS 100 kW / 174 deg in Tamil

(OBSERVER #300 via WB, 27 Feb 2004)

COSTA RICA: After months of off the air due to the forced closure of the station, *Radio for Peace International* - *RFPI* has resumed Internet broadcasting from its new office and studios in San José, Costa Rica. The streaming broadcasts are initially in Quick Time format, but MP4 is planned. The new facilities have been donated by Fundacion CEPPA, a Costa Rican peace education foundation. RFPI continues to look for a new shortwave site. (©RNMN February 20, 2004, via JKB)

New *RFPI* Webcast schedule! Monday-Friday 4-hour cycles starting at 1800 UTC; times after 0000 are next UTC day

1800	2200	0200	0600	1000	1400	M-F/T-S	DEMOCRACY NOW
1900	2300	0300	0700	1100	1500	M-F/T-S	FREE SPEECH RADIO NEWS
1930	2330	0330	0730	1130	1530	Mon-Tue	GLOBAL COMMUNITY FORUM
						Tue-Wed	WINGS
						Wed-Thu	HONORING MOTHER EARTH
						Thu-Fri	MAKING CONTACT
						Fri-Sat	ALTERNATIVE RADIO (60 min)
2000	0000	0400	0800	1200	1600	Mon-Tue	DISABILITY RADIO
						Tue-Wed	BETWEEN THE LINES
						Wed-Thu	COUNTERSPIN
						Thu-Fri	WORLD OF RADIO
2030	0030	0430	0830	1230	1630	Mon-Tue	TUC RADIO
						Tue-Wed	PEOPLES TRIBUNE RADIO
						Wed-Thu	ALTERNATIVE RADIO (60 min)
						Thu-Fri	GLOBAL COMMUNITY FORUM
						Fri-Sat	PROGRESSIVE RADIO
2100	0100	0500	0900	1300	1700	Mon-Tue	COUNTERSPIN
						Tue-Wed	MAKING CONTACT
						Thu-Fri	DISABILITY RADIO
						Fri-Sat	TUC RADIO
2130	0130	0530	0930	1330	1730	Mon-Tue	STEPPIN OUTTA BABYLON
						Tue-Wed	RADIO PAZ MAILBAG
						Wed-Thu	PROGRESSIVE RADIO
						Thu-Fri	WINGS
						Fri-Sat	COUNTERSPIN

Saturday and Sunday same 8-hour cycles, until UTC Mon 1800:

1800	0200	1000	ALTERNATIVE RADIO
1900	0300	1100	STEPPIN OUTTA BABYLON
1930	0330	1130	BETWEEN THE LINES
2000	0400	1200	PEOPLES TRIBUNE RADIO
2030	0430	1230	RADIO PAZ MAILBAG
2100	0500	1300	HONORING MOTHER EARTH
2130	0530	1330	WORLD OF RADIO
2200	0600	1400	GLOBAL COMMUNITY FORUM
2230	0630	1430	DISABILITY RADIO
2300	0700	1500	WORLD OF RADIO
2330	0730	1530	COUNTERSPIN
0000	0800	1600	SPIRITUAL AWAKENING
0030	0830	1630	TUC RADIO
0100	0900	1700	ALTERNATIVE RADIO

See <<http://www.rfpi.org>> or direct QuickTime link is:
<<rtsp://qt.streamreal.org/live/rfpi>>.

(via James Latham, 2004 March 11; reformatted by GH for DXLD 4-046, March 12, 2004)

CYPRUS: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe* - *TWR* via LW & MW transmitters Cape Greco, Cyprus. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
0155-0200	1234567	ABV	1233	600	205	38,39,40
0200-0215	67	ABV	1233	600	205	38,39,40
0200-0230	12345	ABV	1233	600	205	38,39,40
0215-0230	7	AII	1233	600	205	38,39,40
0215-0230	6	ARB/IRA	1233	600	205	38,39,40
1925-1944	2	ABV	1233	600	205	38,39,40
1925-1959	1 34567	ABV	1233	600	205	38,39,40

1944-1959	2	APD	1233	600	205	38,39,40
1959-2000	1234567	APC	1233	600	205	38,39,40
2000-2015	2	AJP	1233	600	205	38,39,40
2000-2115	1 34567	ABV	1233	600	205	38,39,40
2015-2115	2	ABV	1233	600	205	38,39,40

(TWR Europe Vienna Office - Bernhard Schraut via WDXC-HQ, updated: 05 March 2004)

CZECH REPUBLIC: Broadcast schedule A04 of *Radio Prague*, valid 28 March 2004 - 30 October 2004. Address: Radio Prague, Vinohradska 12, 120 99 Prague 2, Czech Republic. Fax: +420-2-21552903. E-mail: <cr@radio.cz> and at the web <http://www.radio.cz>.

UTC	KHz	kW	Area	Power	Time	Area
CZECH	0830-0857	11600	100	S.W. Europe	0100-0127	6200 100 N. America
		21745	100	E.Africa/ Mi. East		7345 200
	0930-0957	21745	100/10	S. Asia/ W. Africa	0300-0327	7345 100 N. America
	1100-1127	11615	100	N. Europe		9870 100
		21745	100	S. Asia	0330-0357	11600 100 Mi. East/ S.W. Asia
	1230-1257	6055	100	C. Europe		15600 100
		7345	100	W. Europe	SPANISH 0800-0827	11600 100 S.W. Europe
	1330-1357	13580	100	N. Europe		15255 100
		21745	100	E. Africa	1400-1427	11990 100 S.W. Europe
	1530-1557	5930	100	W. Europe		13580 100
		17485	100	E. Africa	1800-1827	5930 100 S.W. Europe
	1730-1757	5930	100	E.Europe/Asia/Australia		13580 100
		17485	100	C. Africa	1900-1927	5930 100 S.W. Europe
	1930-1957	5930	100	W. Europe		13580 100
		11600	100	S. & E. Asia/ Australia	2030-2057	5930 100 S.W. Europe
	2100-2127	9800	100	W. Africa		11600 100
		11600	100	S. & E. Asia/ Australia	2130-2157	9800 100 S.W. Europe
	2330-2357	7345	100	S. America		11600 100 (S. America-East)
		9440	100	N. America	2300-2327	7345 100 S. America
	0130-0157	6200	100	N. America		9440 100
		7345	200	S. America	0000-0027	** 11665 100 S. America
	0230-0257	7345	100	N. America	0030-0057	7345 100 C. America
		9870	100			9440 100 S. America
GERMAN	0630-0657	5930	100	W. Europe	0200-0227	6200 100 C. America
		7345	100	Europe		7345 200 S. America
	1000-1027	6055	100	C. Europe	FRENCH 0600-0627	5930 100 W. Europe
		9880	100	W. Europe		7345 100 S.W. Europe
	1200-1227	6055	100	C. Europe	0730-0757	9880 100 W. Europe
		7345	100	W. Europe		11600 100 S.W. Europe
	1500-1527	5930	100	W. Europe	1630-1657	5930 100 W. Europe
	1630-1657	* 11810	250	W. Europe		17485 100 C. Africa
ENGLISH	0700-0727	9880	100	N.W. Europe	1830-1857	5930 100 W. Europe
		11600	100			13580 100 W.Africa/ S.W.Europe
	0900-0927	21745	100/10	S. Asia/ W. Africa	2200-2227	7345 100 N. America
	1030-1057	9880	100	N. Europe		9415 100
		11615	100	N.W. Europe	RUSSIAN 0400-0427	9445 100 E. Europe
	1300-1327	13580	100	N. Europe		11600 100 E. Europe / S.W. Asia
		21745	100	E. Africa	1130-1157	11615 100 E. Europe
	1600-1627	5930	100	N.W. Europe		21745 100 E. Europe / S.W. Asia
		17485	100	E. Africa	1430-1457	11645 100 E. Europe
	1700-1727	5930	100	N.W. Europe		13580 100 E. Europe / S.W. Asia
		17485	100	C. Africa	1800-1827	*** 7390 250 E. Europe
	2000-2027	5930	100	N.W. Europe		
		11600	100	S. & E. Asia/ Australia		
	2230-2257	7345	100	N. America		
		9415	100			
	0000-0027	7345	100	N. America		

Transmitters at Litomyšl 16E10 49N48
 * Relayed via Krasnodar, 39E00 45N02
 ** Relayed via Ascension, 14W23 07S54
 *** Relayed via Novosibirsk, 82E58 55N04m

(Andreas Volk - ADDX, via WB + converted from spreadsheet to text by WB; March 11, 2004)

EGYPT: *Radio Cairo*, the External Service of period A04, *VOICE OF THE ARABS* and GENERAL PROGRAMME of the *Egyptian Radio RTV*. Address: Radio Cairo, Egyptian Radio and Television Union, PO Box 11511, Cairo, Egypt. Transmitter Site: ABS = Abis - 250/500 kW transmitters; ABZ = Abu Zaabal - 100/250/500 kW transmitters. (JKB)

UTC	KHz	PROGRAM	TARGET	Power	Time	Area
0030-0430	7115	ARABIC	E. N. AMERICA	1315-1450	15715	INDONESIAN S. E. ASIA
0045-0200	11855	SPANISH	N. AMERICA	1330-1430	17670	BENGALI S. ASIA
0045-0200	11755	SPANISH	C. AMERICA	1300-1600	15365	ARABIC W. AFRICA
0045-0200	9415	SPANISH	S. AMERICA	1400-1530	11655	AZERI AZERBAIJAN
0200-0330	11855	ENGLISH	N. AMERICA	1500-1600	15135	HINDI S. ASIA
1100-0300	12050	GENERAL	AMERICA & EUROPE	1430-1600	15670	PASHTO AFGHANISTAN
0600-1000	15115	GENERAL	W. AFRICA	1800-1900	7220	RUSSIAN W. RUSSIA
1015-1215	17775	ARABIC	M. EAST & AFGHANISTAN	1530-1630	11695	UZBEKI UZBEKISTAN
1115-1215	15715	THAI	S. E. ASIA	1530-1630	15155	AFAR E. & C. AFRICA
1215-1330	17670	ENGLISH	S. ASIA	1530-1730	17810	SWAHILI C. & E. AFRICA
1215-1315	15715	MALAY	S. E. ASIA	1600-1800	15115	URDU S. ASIA
1230-1330	15480	PERSIAN	TADZHIKSTAN	1600-1645	15620	ZULU C. & S. AFRICA
1330-1530	15480	PERSIAN	IRAN	1600-1800	6230	TURKISH TURKEY
				1600-1800	9950	ALBANIAN ALBANIA

1630-1730	15155	SOMALI	E. & C. AFRICA	1930-2030	15375	BAMBARA	W. AFRICA
1630-1830	9855	ENGLISH	C. & S. AFRICA	2000-2200	7270	ARABIC	AUSTRALIA
1645-1730	15620	SHONA	C. & S. AFRICA	2000-2115	9990	FRENCH	EUROPE
1730-1815	15620	INDEBELE	C. & S. AFRICA	2030-2200	15375	ENGLISH	W. AFRICA
1730-1900	15155	AMHARIC	E. & C. AFRICA	2030-2230	15335	FRENCH	W. AFRICA
1800-1900	9988	ITALIAN	EUROPE	2100-2200	9635	YORUBA	W. AFRICA
1800-2100	9735	HAUSA	W. AFRICA	2115-2245	9990	ENGLISH	EUROPE
1830-1915	9855	LINGALA	C. & S. AFRICA	2215-2330	11790	PORTUGUSE	S. AMERICA
1830-1930	15375	WOLOF	W. AFRICA	2300-0030	11725	ENGLISH	E. N. AMERICA
1900-2000	9990	GERMAN	EUROPE	2330-0045	9735	ARABIC	S. AMERICA
1800-2330	11665	V.O.THE ARABS	C. & E. AFRICA	2330-0045	11755	ARABIC	S & C AMERICA
1915-2030	15425	FULANI	W. AFRICA				

(Alokesh Gupta via WDXC-HQ; March 14, 2004)

FRANCE: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe - TWR* via LW & MW transmitters Roumoules, RMC France. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES	1930-2030	12345	GER	1467	1000	25	28
0228-0258	7	FRN	216	2000	315	27	2000-2030	6	KYL	1467	1000	241	37,38
0241-0256	123456	FRN	216	2000	315	27	2000-2200	7	ABV	1467	1000	241	37,38
0345-0415	1234567	GER	1467	1000	25	28	2030-2100	12345	KYL	1467	1000	241	37,38
1845-1900	2	RUM	1467	1000	85	28	2030-2215	6	ABV	1467	1000	241	37,38
1845-1900	1 3 5	SRC/CRO	1467	1000	85	28	2100-2115	1	ABV	1467	1000	241	37,38
1900-1915	7	SHI	1467	1000	241	37,38	2100-2200	2345	ABV	1467	1000	241	37,38
1900-1915	45	ALN	1467	1000	85	28	2115-2130	1	AEB	1467	1000	241	37,38
1900-1915	3	CHN	1467	1000	325	27,28	2130-2200	1	ABV	1467	1000	241	37,38
1900-1915	2	RIF	1467	1000	241	37,38	2200-2215	7	AJP	1467	1000	241	37,38
1900-1915	1	TZM	1467	1000	241	37,38	2200-2215	12345	ARY	1467	1000	241	37,38
1915-1930	5	SPN	1467	1000	241	27,28	2215-2230	6	ENG	1467	1000	325	27
1915-1930	1234 67	ALN	1467	1000	85	28	2215-2245	7	ENG	1467	1000	325	27
1930-2000	67	GER	1467	1000	25	28							

(TWR Europe Vienna Office - Bernhard Schraut via WDXC-HQ, updated: 05 March 2004)

GERMANY: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe - TWR* via Julich transmitters, Germany. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
0530-0545	12345	SLO	7210	100	100	28,29
0830-0845	23456	HNG	6105	100	105	28
0830-0845	23456	HNG	7210	100	100	28
1030-1100	6	SLO	7225	100	105	28,29
1030-1100	6	SLO	9490	100	100	28,29
1230-1245	4 7	SLV	5945	100	130	28
1230-1245	123 56	SRC/CRO	5945	100	130	28
1600-1630	6	RUM	6175	100	105	28
1600-1630	6	RUM	7240	100	110	28
1630-1700	1234567	HNG	6175	100	105	28

(TWR Europe Vienna Office - Bernhard Schraut via WDXC-HQ, updated: 05 March 2004)

GUAM (USA): Schedule A04 of *KTWR Trans World Radio*, Guam. 28 March to 30 October 2004.

Assamese						0745-0930	South Pacific	Mon-Fri	11840
1330-1345	South Asia	Mon-Tue	9920			0815-0930	South Pacific	Sat-Sun	11840
Balinese						1015-1100	China	Daily	9865
0900-0915	Indonesia	Fri-Tue	15200			1500-1600	South Asia	Daily	12105
Boro							Hakka		
1330-1345	South Asia	Wed-Sun	9920			0845-0915	China	Daily	12130
Burmese							Indonesian		
1200-1300	Myanmar	Daily	9975			0930-1100	Indonesia	Daily	15330
Cantonese						1030-1200	Indonesia	Daily	15200
1400-1500	China	Daily	9975				Japanese		
2400-0100	China	Daily	17540			1200-1300	Japan	Daily	9465
English						2100-2200	Japan	Daily	11690
0730-0900	Southeast Asia	Sat-Sun	15205				Javanese		
0740-0900	Southeast Asia	Mon-Fri	15205			1100-1200	Indonesia	Daily	15275

Khmer				Mix-Chinese			
1230-1330	Cambodia	Daily	11720	1300-1330	China	Daily	9975
Korean				Santali			
1430-1500	Korea	Daily	9540	1345-1400	South Asia	Daily	9920
1500-1600	Korea	Daily	9920	Sgaw Karen			
Madurese				1330-1400	Myanmar	Daily	12075
0915-1000	Indonesia	Daily	15200	Sundanese			
Mandarin				1000-1030	Indonesia	Daily	15200
0845-0930	China	Daily	11580	Swatow			
0915-1100	China	Daily	9910	1200-1230	China	Daily	11670
0915-1600	China	Daily	12130	Torajanese			
0930-1015	China	Daily	9865	0900-0915	Indonesia	Wed-Thu	15200
1100-1515	China	Daily	7455	Vietnamese			
1330-1400	China	Daily	9975	1100-1200	Vietnam	Daily	9635
1500-1615	China	Daily	9975	1400-1445	Vietnam	Daily	9920
2145-2215	China	Daily	13690	2230-2300	Vietnam	Daily	13715

(George Ross - KTWR via Alan Roe in DXLD 4-046, March 12, 2004)

INDIA: Jose Jacob of Hyderabad, India, reports that *All India Radio - AIR* is testing on different frequencies for their forthcoming launch of 24 hrs News channel expected to start on 2nd April 2003. The tests are follows as monitored in Calcutta, 0030-0430, 0700-1330, 1500-1740 UTC:

7220 Mumbai 100 kW
 7270 Chennai 100 kW
 7360 Delhi 50 kW
 7420 Guwahati 50 kW

These transmitters were used before for Vividh Bharati Service on 10330 kHz and are now available as 10330 kHz is used from Bangalore. Due to the usage of Chennai on 7270 kHz for testing, External Services from this Chennai transmitter on 4790, 7270, 7275 are now discontinued. (Source: DXAsia at ©RNMN February 15, 2004, via JKB)

New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio India - TWR* via several transmitters. Address of TWR India: TWR - India Office, L -15, Green Park, New Delhi - 110016, India.

2345-2400 7415 - Kokborok (Mon-Fri), Manipuri (Sat/Sun)
 0000-0015 7415 - Kokborok (Mon-Fri), Chakma (Sat/Sun)
 0015-0030 12045 - Assamese (Mon-Fri), Tibetan (Sat/Sun)
 0030-0045 12045 - Assamese (Mon-Fri), Mundari (Sat), Magahi (Sun)
 0045-0100 12045 - Bengali (Mon-Fri), Sadri (Sat/Sun)
 0030-0145 12035 - Nepali (Mon -Fri)
 0030-0045 12035* - Kurukh (Sat/Sun)
 0045-0100 12035* - Maithili (Sat/Sun)
 0100-0115 12035*/15580** - Awadhi (Sat) Hindi (Sun)
 0115-0130 12035*/15580** - Hindi (Sat/Sun)
 1230-1245 9485 - Garhwali (Mon-Fri), Kumaoni (Sat/Sun)
 1245-1300 9485 - Dogri (Mon-Fri), Kashmiri (Sat), Newari (Sun)
 1300-1315 9485 - Urdu (Mon-Fri), Braj Bhasa (Sat/Sun)
 1315-1330 9485 - Urdu (Mon-Fri), English (Sat) Hindi (Sun)
 1330-1345 9485 - Maithali (Mon-Fri), Gamit (Sat/Sun)
 1345-1400 9485 - Maithali (Mon-Fri), Dhodiya (Sat/Sun)
 1400-1445 9485 - Punjabi (Mon-Fri)
 1445-1515 9485 - Muslimi Bengali (Mon-Fri)
 1230-1400 9445 - Hindi (Mon-Fri)
 1230-1245 9445 - Mewari (Sat/Sun)
 1245-1300 9445 - Bengali (Sat), Kui (Sun)
 1300-1315 9445 - Hindi (Sat), Ho (Sun)
 1315-1330 9445 - Bundeli (Sat./Sun)
 1330-1345 9445 - Bundeli (Sat), Marwari (Sun)
 1345-1400 9445 - Hindi (Sat/Sun)
 1400-1415 9445 - Dzonkha (Mon-Fri), Hindi (Sat/Sun)
 1415-1430 9445 - Bhojpuri (Mon-Fri), Santhali (Sat/Sun)
 1430-1500 9445 - Bhojpuri (Daily)
 1600-1630 9475 - Pashto (Mon-Fri), Dari (Sat/Sun)

1330-1345 9920 - Muslimi Bengali (Mon/Tues), Boro (Wed-Sun)
 1345-1400 9920 - Santhali (Daily)
 2230-2300 882 - Bengali (Daily)
 2300-2315 882 - Vasavi (Mon/Tues)
 2300-2330 882 - Gujarati (Wed-Sun)
 2315-2330 882 - Mavchi (Mon/Tues)
 2330-2400 882 - Malayalam (Daily)
 0000-0030 882 - Tamil (Daily)
 0030-0045 882 - Choudhary (Sat) Konkani (Sun)
 0030-0100 882 - Konkani (Mon-Fri)
 0045-0100 882 - Kannada (Sat/Sun)
 0100-0115 882 - Malayalam (Sat), Koya (Sun)
 0100-0130 882 - Kannada (Mon-Fri)
 0115-0130 882 - Tulu (Sat) Kannada (Sun)
 1130-1215 882 - English (Daily)
 1215-1230 882 - Kannada (Mon-Fri), English (Sat/Sun)
 1230-1245 882 - Banjara (Mon-Fri), Soura (Sat/Sun)
 1245-1300 882 - Banjara (Daily)
 1300-1315 882 - Koya (Mon/Tues), Banjara (Wed-Sun)
 1315-1330 882 - Kutchi (Mon-Sat), Kotuwalia (Sun)
 1330-1345 882 - Kutchi (Mon-Fri), Telegu (Sat), Kannada (Sun)
 1345-1400 882 - Telegu (Mon-Sat), Decani (Sun)
 1400-1415 882 - Telegu (Mon-Fri), Gujarati (Sat/Sun)
 1415-1430 882 - Telegu (Daily)
 1430-1445 882 - Marathi (Mon-Fri), Chatisgarhi (Sat/Sun)
 1445-1500 882 - Marathi (Mon-Sat), Baduga (Sun)
 1500-1515 882 - Oriya (Daily)
 1515-1545 882 - Telegu (Mon/Tues), Oriya (Wed - Sun)
 1545-1600 882 - Ho (Mon/Tues), Gondi (Wed - Sun)
 1600-1615 882 - Chatisgarhi (Mon/Tues),Gondi (Wed - Sun)
 1615-1630 882 - Marathi (Mon-Fri), Kukna (Sat), Varli (Sun)
 1630-1645 882 - Sindhi (Mon-Fri), Bhili (Sat/Sun)
 1645-1700 882 - Sindhi (Mon-Fri), Deccani (Sat),English (Sun)
 1700-1715 882 - Gujarati (Mon-Fri), English (Sat/Sun)
 1715-1730 882 - Chatisgarhi (Mon-Fri), English (Sat/Sun)
 1730-1745 882 - Chatisgarhi (Mon - Fri)
 1745-1815 882 - Deccani (Mon - Fri)
 1815-1845 882 - Bhili (Mon - Fri)
 1845-1915 882 - Hindi (Mon - Fri)

Notes:

* Effective for the period Apr, Sept & Oct '04

** Effective for the period May to Aug '04

7415 KHz - Via Alma Aty

9445 KHz - Via Tashkent

9475 KHz - Via Samara

9485 KHz - Via Irkutsk

9920 KHz - Via Guam

12035 KHz - Via Tashkent

12045 KHz - Via Alma Aty

15580 KHz - Via Tashkent

882 KHz - Via Puttalam, Sri Lanka

(TWR-India via Alokesh Gupta; March 10, 2004)

ITALY: Schedule A04 of *RAI International*. Postal address RADIO ROMA - RAI International - Casella Postale 320 - 00100 Roma. Send reception reports at the following e-mail address: <railway.hfmonitoring@rai.it>, by mail at: RaiWay Monitoring Centre Via Mirabellino 1, 20052 Monza MI, Italy or by fax at ++39 02 3199 6219 or ++39 039 386 222. (JKB)

Albanese	1335-1355	7190	9610		2025-2045	6130	7295
Amarico	0435-0455	11900			2135-2155	6130	7295
Arabo	0600-0620	11900		Bulgaro	1540	1600	9690
	1330-1345	567		Ceco	1810	1825	6130
	1330-1355	11800			2135	2155	5970
	1430-1455	11905		Croato	1435	1455	7190
	1630-1655	9645	11665	Danese	2000-2020	6110	9745 (MAR-GIO-DOM)

management and the use of digital audio processing techniques assure a signal strength and subsequent high station profile all over Europe and the Mediterranean area. (IRRS schedule at the web last update on 20 March, 2004, via JKB)

MOLDOVA: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe - TWR* via LW & MW transmitters Grigoriopol, Moldova. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES	FDATE	TDATE
1730-1745	67	UKR	999	500	0	29		
1730-1800	12345	UKR	999	500	0	29		
1745-1800	67	RUS/CAR	999	500	0	29		
1800-1830	1234567	BLG	1548	1000	245	28		
1830-1845	1234567	RMN	1548	1000	245	28		
1845-1915	1234567	RUM	1548	1000	245	28		
1900-1915	6	UKR	999	500	0	29		
1900-1930	345	UKR	999	500	0	29		
1900-1930	12 7	RUS/CAR	999	500	0	29		
1915-1930	6	RUS/CAR	999	500	0	29		
1915-1945	7	MKJ	1548	1000	245	28		
1915-1945	6	RUM	1548	1000	245	28		
1915-1945	12345	RMY	1548	1000	245	28		
1930-2000	234567	RUS/CAR	999	500	0	29		
1930-2000	1	RUW	999	500	0	29		
1945-2000	1234567	SRC/SER	1548	1000	245	28		

(TWR Europe Vienna Office - Bernhard Schraut via WWDXC-HQ, updated: 05 March 2004)

MONACO: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe - TWR* via Monte Carlo transmitters. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
0645-0750	6	ENG	9870	100	324	27
0645-0820	7	ENG	9870	100	324	27
0715-0820	12345	ENG	9870	100	324	27
0830-0845	123456	GER	6230	100	13	28
0830-0845	123456	GER	7160	100	26	28
0830-0915	7	GER	6230	100	13	28
0830-0915	7	GER	7160	100	26	28
1230-1245	4 7	SLV	7280	100	85	28
1230-1245	123 56	SRC/CRO	7280	100	85	28
1300-1330	7	GER	6230	100	13	28
1300-1330	7	GER	7160	100	26	28
1330-1400	1234567	GER	6230	100	13	28
1330-1400	1234567	GER	7160	100	26	28

(TWR Europe Vienna Office - Bernhard Schraut via WWDXC-HQ, updated: 05 March 2004)

ROMANIA: Marian Stoican, editor-in-chief of *Radio Romania International*, has announced that the Portuguese service is to close in April due to financial and technical problems. Stoican said that broadcasts in some other languages will also close, but declined to say which ones. The Portuguese service, which was established in 1958, currently broadcasts one hour a day for Portugal, and one hour for Brazil via shortwave, satellite and the Internet. Stoican says the six broadcasters affected, all Romanian, will transfer to other work within the organization. (Source: Público Online at ©RNMN February 13, 2004, via JKB)

RUSSIA: New A04 schedule valid 28 Mar 2004 until 30 Oct 2004 of *Trans World Radio Europe - TWR* via LW & MW transmitters St. Petersburg, Russia. For address of TWR Europe see item Austria.

TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
1900-1930	7	LIT	1494	600	258	29NW
1900-1930	6	LAT	1494	600	258	29NW
1900-1930	12345	SWD	1494	600	258	18
1930-2000	67	EST	1494	600	258	29NW
1930-2000	12345	NRN	1494	600	258	18

From 26 April - 06 August 2003: All transmissions are one hour later!

(TWR Europe Vienna Office - Bernhard Schraut via WDXC-HQ, updated: 05 March 2004)

SEYCHELLES: FEBA (The Far East Broadcasting Association) A04 schedule, 28 March to 31 October 2004.

Time UTC	Days 1234567	Languages	Frequency kHz	Site code	PAKISTAN, 0200-0215	AFGHANISTAN, .m...fs	IRAN URDU Pakistan	12045	NVS
					0215-0230	.m...fs	PUNJABI Pakistan	12045	NVS
NORTH INDIA, NEPAL, TIBET					0200-0230	s.t....	PUNJABI Pakistan	12045	NVS
0030-0115	s.....	HINDI	7365	TAC	0200-0230	...wt..	URDU Pakistan	12045	NVS
0030-0045	.mtwt..	BANGLA	7365	TAC	0230-0245	s.....	URDU Pakistan	12045	NVS
0030-0045	....fs	BHOJPURI	7365	TAC	0230-0245	....t..	POTHWARI	12045	NVS
0045-0115	.m.wtfs	HINDI	7365	TAC	0230-0245	.mtw.fs	HINDKO	12045	NVS
0045-0100	..t.....	ORIYA	7365	TAC	0200-0215	s.....s	SINDHI	6145	DHA
0100-0115	..t....	HINDI	7365	TAC	0200-0215	.mtwtf.	SIRAIKI	6145	DHA
0100-0115	smtwtfs	HINDI	9820	MOS	0215-0230	s..wtfs	BALUCHI	6145	DHA
0115-0130	smtwt..	MARATHI	9820	MOS	0215-0230	.mt....	BRAHUI	6145	DHA
0115-0130	....f.	URDU	9820	MOS	0200-0215	smtwtfs	PASHTO	9855	DHA
0115-0130	.....s	PUNJABI India	9820	MOS	0215-0245	smtwtfs	DARI	9855	DHA
1200-1230	smtwtfs	TIBETAN	15355	DHA	0245-0300	smtwtfs	HAZARAGI	9855	DHA
1230-1315	s.....	NEPALI	12005	TAC	0630-0800	....f.	PERSIAN	9660	DHA
1230-1315	....f.	BHOJPURI	12005	TAC	1630-1730	smtwtfs	PERSIAN	9875	ARM
1230-1315	.....s	CHATTISGARHI	12005	TAC	1730-1745	s.....s	BALUCHI	9875	ARM
1230-1315	.m.w...	MUNDARI	12005	TAC	1730-1745	.mtw...	TURKMEN	9875	ARM
1230-1315	..t....	NEPALI	12005	TAC	1730-1745	....t..	AZERI	9875	ARM
1230-1315	...t...	CHATTISGARHI	12005	TAC	1730-1745	....f.	LURI	9875	ARM
1230-1315	.m.wt..	ORIYA	12005	TAC	1400-1415	smtwtfs	English Slow	9495	NVS
1230-1315	..t....	MAGHI	12005	TAC	1415-1500	sm..tf.	URDU Pakistan	9495	NVS
1230-1315	smtwtfs	BANGLA	12005	TAC	1415-1515	..tw..s	URDU Pakistan	9495	NVS
1315-1330	....t..	KUMAUNI	11750	SAM	1500-1515	sm..tf.	BALTI	9495	NVS
1315-1400	.....s	PUNJABI India	11750	SAM	1530-1600	smtwtfs	PASHTO	9415	ARM
1315-1400	.mtw.f.	PUNJABI India	11750	SAM	1600-1630	smtwtfs	DARI	9415	ARM
1315-1330	s.....	KANGRI	11750	SAM	1630-1645	smtwtfs	HAZARAGI	9415	ARM
1315-1330	.m.....	BHILI	11750	SAM	1645-1700	smtwtfs	UZBEK	9415	ARM
1315-1330	...w...	MARWARI	11750	SAM	MIDDLE EAST				
1315-1330	..t....	BRIJ	11750	SAM	0400-0530	smtwtfs	ARABIC	15530	SAM
1315-1345	s....f.	GUJARATI	11750	SAM	0500-0530	....f.	SINHALA	6125	DHA
1330-1400	.mtwt.s	GUJARATI	11750	SAM	0530-0630	....f.	MALAYALAM	6125	DHA
1400-1415	smtwt..	URDU India	9530	DHA	1903-1957	smtwtfs	ARABIC	9690	KIG
1400-1500	....fs	HINDI	9530	DHA	AFRICA, ETHIOPIA, SUDAN				
1415-1500	smtwt..	HINDI	9530	DHA	1515-1530	smtwtfs	NUER	12125	MEY
SOUTH INDIA, MALDIVES, SRI LANKA					1530-1545	smtwtfs	DINKA	12125	MEY
0030-0100	s.....	TAMIL	7335	ERV	1545-1600	smtwtfs	MAKONDE	12125	MEY
0100-0130	s.....	KANNADA	7335	ERV	1600-1630	s...tfs	AMHARIC	12125	MEY
0030-0115	..tw...	TAMIL	7335	ERV	1600-1630	.mtw...	GURAGENA	12125	MEY
0030-0130	.m..t..	TAMIL	7335	ERV	1630-1700	smtwtfs	AMHARIC	12125	MEY
0030-0100	....fs	TAMIL	7335	ERV	1700-1730	smtwtfs	OROMO	6180	DHA
0115-0130	....fs	KANNADA	7335	ERV	1700-1730	smtwtfs	SOMALI	11690	KIG
0115-0130	..t....	TULU	7335	ERV	1730-1800	smtwtfs	TIGRINYA	11690	KIG
0115-0130	...w...	KONKANI	7335	ERV	1830-1900	smtwtfs	FRENCH (W + C Af)	15130	ASC
0100-0115	..t..fs	BADAGA	7335	ERV	2145-2215	....tf.	WOLOF (West Af)	11985	ASC
0130-0200	smtwtfs	TELUGU	9855	DHA	WESTERN EUROPE (DRM Digital Transmission)				
1400-1430	.mtw...	MALAYALAM	7350	IRK	0945-1000	smtwtfs	ENGLISH Slow	9815	FLE
1400-1445	s...tfs	MALAYALAM	7350	IRK	<u>Tx Site Codes</u>				
1445-1500	s...tfs	TELUGU	7350	IRK	ARM Armavir Russia		KIG Kigali Rwanda		
1430-1500	.mtw...	TELUGU	7350	IRK	ASC Ascension Island		MEY Meyerton South Africa		
1500-1515	smtwtfs	ENGLISH Slow	7350	IRK	DHA Dhabayya		MOS Mosssbrunn Austria		
1515-1600	smtwtfs	ENGLISH	7350	IRK	ERV Yerevan Armenia		NVS Novosibirsk Russia		
1600-1615	smt....	SINHALA	7350	IRK	FLE Flevo Holland		SAM Samara Russia		
1600-1615	...w.fs	DHIVEHI	7350	IRK	IRK Irkutsk Russia		TAC Tashkent Uzbekistan		
1600-1615	....t..	MALAY	7350	IRK	Day 1 = Sunday (ITU Convention)				

(Schedule Engineer, FEBA Radio, Ivy Arch Road, WORTHING BN14 8BX, UK. Version A04bs02 dated 11.03.04 rww - via GH in DXLD 4-048, March 14, 2004)

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

(JKB)

SINGAPORE: *Radio Singapore International's* A04 broadcast schedule. Address: Radio Singapore International, P.O.Box 5300, Singapore 912899. E-Mail: <english@rsi.com.sg>, Web: <<http://www.rsi.com.sg>>.

English language 6080 kHz and 6150 kHz: 1100 - 1400 UTC

Chinese language 6185 kHz and 6000 kHz: 1100 - 1400 UTC

Malay language 6120 kHz and 7235 kHz: 1700 - 2000 UTC

Bahasa Indonesia 6120 kHz and 7235 kHz: 2000 - 2200 UTC

(Jan Nieuwenhuis via WB & BP, 2004 Mar 9)

SWITZERLAND: Schedule A04 of *Swiss Radio International - SRI*. Targets only Africa and South America, for other regions of the world listen to live-streams at the internet or satellite streams. Address: Swiss Radio International, Giacomettistrasse 1, CH-3000 Bern 15. Fax: +41-31-3509544, E-mail: technical@swissinfo.org, Web: <<http://www.swissinfo.org>>.

LANGUAGE	UTC	FREQ	STATION	kW	Azi	Target	Days 1=So
Arabic	1700-1730	13750	JUELICH	100	115	EU/AF/M	1234567
Arabic	1700-1730	15515	JUELICH	100	115	neAF/ME	1234567
Arabic	1700-1730	17870	SOTTENS	500	140	neAF/ME	1234567
Arabic	1900-1930	11815	JUELICH	100	160	AF	1234567
Arabic	1900-1930	13645	JUELICH	100	200	wAF	1234567
Arabic	1900-1930	13795	SOTTENS	500	140	AF	1234567
Arabic	1900-1930	15220	MONTSINERY	500	115	sAF	1234567
English	0730-0800	13650	JUELICH	100	200	wAF	1234567
English	0730-0800	15445	JUELICH	100	160	nAF	1234567
English	0730-0800	21770	SOTTENS	500	165	AF	1234567
English	0830-0900	21770	SOTTENS	500	165	AF	1234567
English	1730-1800	13750	JUELICH	100	115	EU/AF/M	1234567
English	1730-1800	15515	JUELICH	100	115	neAF/ME	1234567
English	1730-1800	17870	SOTTENS	500	140	neAF/ME	1234567
English	1930-2030	11815	JUELICH	100	160	AF	1234567
English	1930-2030	13645	JUELICH	100	200	wAF	1234567
English	1930-2030	13795	SOTTENS	500	140	AF	1234567
English	1930-2030	15220	MONTSINERY	500	115	sAF	1234567
English	2330-2400	9885	SOTTENS	500	230	SA	1234567
English	2330-2400	11905	MONTSINERY	500	175	SA	1234567
French	0600-0630	13650	JUELICH	100	200	wAF	1234567
French	0600-0630	15445	JUELICH	100	160	nAF	1234567
French	0600-0630	21770	SOTTENS	500	165	AF	1234567
French	1000-1030	21770	SOTTENS	500	165	AF	1234567
French	1800-1815	13750	JUELICH	100	115	EU/AF/M	1234567
French	1800-1815	15515	JUELICH	100	115	neAF/ME	1234567
French	1800-1815	17870	SOTTENS	500	140	neAF/ME	1234567
French	2100-2130	11815	JUELICH	100	160	AF	1234567
French	2100-2130	13645	JUELICH	100	200	wAF	1234567
French	2100-2130	13795	SOTTENS	500	140	AF	1234567
French	2100-2130	15220	MONTSINERY	500	115	sAF	1234567
French	2200-2230	9885	SOTTENS	500	230	SA	1234567
French	2200-2230	11905	MONTSINERY	500	175	SA	1234567
German	0630-0700	13650	JUELICH	100	200	wAF	1234567
German	0630-0700	15445	JUELICH	100	160	nAF	1234567
German	0630-0700	21770	SOTTENS	500	165	AF	1234567
German	0930-1000	21770	SOTTENS	500	165	AF	1234567
German	2030-2100	11815	JUELICH	100	160	AF	1234567
German	2030-2100	13645	JUELICH	100	200	wAF	1234567
German	2030-2100	13795	SOTTENS	500	140	AF	1234567
German	2030-2100	15220	MONTSINERY	500	115	sAF	1234567
German	2230-2300	9885	SOTTENS	500	230	SA	1234567
German	2230-2300	11905	MONTSINERY	500	175	SA	1234567
Italian	0700-0730	13650	JUELICH	100	200	wAF	1234567
Italian	0700-0730	15445	JUELICH	100	160	nAF	1234567
Italian	0700-0730	21770	SOTTENS	500	165	AF	1234567
Italian	0900-0930	21770	SOTTENS	500	165	AF	1234567
Italian	1630-1700	13750	JUELICH	100	115	EU/AF/M	1234567
Italian	1630-1700	15515	JUELICH	100	115	neAF/ME	1234567

Italian	1630-1700	17870	SOTTENS	500	140	neAF/ME	1234567
Italian	1830-1900	11815	JUELICH	100	160	AF	1234567
Italian	1830-1900	13645	JUELICH	100	200	wAF	1234567
Italian	1830-1900	13795	SOTTENS	500	140	AF	1234567
Italian	1830-1900	15220	MONTSINERY	500	115	sAF	1234567
Italian	2300-2330	9885	SOTTENS	500	230	SA	1234567
Italian	2300-2330	11905	MONTSINERY	500	175	SA	1234567

(Andreas Volk - ADDX, via WB, 2004 March 11)

SRI will close down all shortwave transmissions at end of period A04. (Ulrich Wegmuller - SRI, via HJB in ntt-0403-2; March 13, 2004)

USA: WYFR Frequency & Language schedule for period A04 (28 Mar 2004 to 31 Oct 2004). Protestant radio station *Family Radio - WYFR* operated by Family Radio Network, located in California. Transmitters are at Okeechobee, Florida. Some broadcasts are relayed from facilities in Taiwan. Postal address: Family Radio, 290 Hegenberger Road, Oakland, CA 94621, USA. E-Mail: <shortwave@familyradio.com> Web: <<http://www.familyradio.com>>

KHZ	LANG	UTC	AZ	ZONE	PWR	9930	FREN	0600-0700	87	37,46	100
5850	ENGL	1100-1245	315	2	100	9930	ENGL	0700-0845	87	37,46	100
5950	ENGL	1000-1245	355	4,5,9	100	9985	GERM	0404-0500	44	27,28,39	100
5950	ENGL	0800-0945	285	10	100	9985	SPAN	0500-0600	44	27,28,39	100
5985	SPAN	2000-2300	181	11	50	9985	ITAL	0600-0700	44	27,28,39	100
5985	ENGL	2300-0000	181	11	50	9985	PORT	0700-0745	44	27,28,39	100
5985	SPAN	0000-0200	181	11	50	11530	PORT	0400-0500	87	47,52,57	100
5985	ENGL	0200-0300	181	11	50	11530	FREN	0500-0600	87	47,52,57	100
5985	SPAN	0300-0445	181	11	50	11530	ENGL	0600-0700	87	47,52,57	100
5985	MAND	0500-0600	315	2	100	11530	ARAB	0700-0800	87	47,52,57	100
5985	CANT	0600-0700	315	2	100	11530	FREN	0800-0845	87	47,52,57	100
6015	ENGL	1100-1245	315	13	100	11580	ARAB	0500-0600	44	27,28,39	100
6065	ENGL	0000-0445	355	4,5,9	100	11580	ENGL	0600-0700	44	27,28,39	100
6065	FREN	2300-0000	355	4,5,9	100	11580	ITAL	0700-0800	44	27,28,39	100
6085	SPAN	1000-1600	181	11	100	11740	SPAN	0200-0300	222	12	100
6085	ENGL	1600-1700	181	11	100	11740	ENGL	0300-0400	222	12	100
6085	SPAN	1700-1900	181	11	100	11740	ENGL	2200-2345	315	2	100
6085	ENGL	1900-1945	181	11	100	11770	PORT	0804-1045	142	13	100
6175	PORT	0900-1045	160	15	100	11830	ENGL	1300-1700	315	2	100
6855	SPAN	0304-0400	355	4,5,9	100	11855	SPAN	0800-1100	160	16	100
6855	ENGL	0400-0600	355	4,5,9	100	11855	ENGL	1100-1200	160	16	100
7355	ENGL	1100-1200	222	12	100	11855	SPAN	2000-2300	222	11	100
7355	SPAN	1200-1400	222	12	100	11855	ENGL	2300-0000	222	11	100
7355	RUSS	0304-0400	44	27,28,39	100	11855	SPAN	0000-0200	222	11	100
7355	ENGL	0400-0500	44	27,28,39	100	11855	ENGL	0200-0300	222	11	100
7355	GERM	0500-0600	44	27,28,39	100	11855	SPAN	0300-0445	222	11	100
7355	ENGL	0600-0745	44	27,28,39	100	11865	ENGL	1300-1400	315	13	100
7520	PORT	0100-0200	142	15	100	11865	SPAN	1400-1500	315	13	100
7520	RUSS	0504-0600	44	27,28,39	100	11865	MAND	1500-1600	315	13	100
9355	GERM	0300-0400	44	27,28,39	100	11865	ENGL	1600-1700	315	13	100
9355	ARAB	0400-0500	44	27,28,39	100	11970	ENGL	1300-1500	355	4,5,9	100
9355	ENGL	0500-0600	44	27,28,39	100	11970	FREN	1000-1100	151	15	100
9355	FREN	0600-0700	44	27,28,39	100	11970	SPAN	1100-1300	151	15	100
9355	SPAN	0700-0745	44	27,28,39	100	13695	ENGL	1200-1400	355	4,5,9	100
9355	SPAN	1100-1200	160	15	100	13695	MAND	1400-1500	355	4,5,9	100
9505	FREN	1100-1145	355	4,5,9	100	15130	ENGL	0000-0100	142	15	100
9505	ENGL	0000-0445	315	2	100	15130	PORT	0100-0145	142	15	100
9550	SPAN	0800-1200	160	14	100	15130	PORT	2200-2300	142	13	100
9605	PORT	0804-1045	142	15	100	15130	SPAN	1200-1600	285	10	50
9605	SPAN	1100-1400	222	11	100	15130	ENGL	1600-1700	285	10	50
9625	PORT	0900-1000	140	13	100	15130	SPAN	1700-1900	285	10	50
9625	FREN	1000-1045	140	13	100	15130	ENGL	1900-1945	285	10	50
9680	SPAN	0300-0400	140	13	100	15155	SPAN	2000-2345	285	10	50
9680	SPAN	0600-0700	140	13	100	15215	SPAN	2300-0100	160	14	100
9715	SPAN	0304-0400	285	10	50	15255	ENGL	2304-0000	151	15	100
9715	ENGL	0400-0500	285	10	50	15255	FREN	0000-0100	151	15	100
9715	SPAN	0500-0700	285	10	50	15255	SPAN	0100-0200	151	15	100
9715	ENGL	0700-0800	285	10	50	15255	ENGL	0200-0300	151	15	100
9715	SPAN	0800-1145	285	10	50	15255	SPAN	0300-0445	151	15	100
9755	ENGL	1000-1145	285	10	100	15600	GERM	2000-2100	44	27,28	100
9930	ARAB	0500-0600	87	37,46	100	15600	SPAN	2100-2200	44	27,28	100

15695	ARAB	2000-2100	44	27,28	100	17845	SPAN	2304-0100	160	14	100
15695	GERM	2100-2200	44	27,28	100	17845	ENGL	1900-2200	87	37,46	100
15695	ENGL	2200-2245	44	27,28	101	17845	ARAB	2200-2245	87	37,46	100
15770	RUSS	1600-1645	44	27,28	100	18930	ARAB	1600-1700	44	27,28	100
15770	PORT	2100-2200	87	47,52,57	100	18930	GERM	1700-1800	44	27,28	100
15770	ENGL	2200-2245	87	47,52,57	100	18930	ITAL	1800-1900	44	27,28	100
17525	FREN	1700-1800	87	37,46	100	18930	PORT	1900-2000	44	27,28	100
17525	PORT	1800-1845	87	37,46	100	18930	ENGL	2100-2200	44	27,28	100
17725	ENGL	2000-2200	140	13	100	18930	ARAB	2200-2245	44	27,28	100
17725	PORT	2200-0145	140	13	100	18980	ENGL	1600-2145	44	27,28,39	100
17750	RUSS	1700-1800	44	27,28	100	21455	ENGL	1600-1800	44	27,28,39	100
17750	FREN	1800-1900	44	27,28	100	21455	GERM	1800-1900	44	27,28,39	100
17750	ENGL	1900-2045	44	27,28	100	21455	FREN	1900-1945	44	27,28,39	100
17750	ENGL	2300-0000	160	15	100	21525	ENGL	1600-1700	87	47,52,57	100
17750	PORT	0000-0100	160	15	100	21525	PORT	1700-1800	87	47,52,57	100
17750	SPAN	0100-0200	160	15	100	21525	FREN	1800-2000	87	47,52,57	100
17750	PORT	0200-0300	160	15	100	21525	ARAB	2000-2045	87	47,52,57	100
17750	ENGL	1200-1645	285	10	100	21670	ITAL	1600-1700	44	27,28	100
17795	ENGL	1700-2145	285	10	100	21670	SPAN	1700-1845	44	27,28	100
17805	PORT	0000-0045	142	15	100						

(Andreas Volk - ADDX, via WB, 2004 March 11)
[same schedule seen in DXLD 4-043, March 8, 2004 with origin: Evelyn Marcy - WYFR, Ed.]

Final A04 Version 0 (March 28, 2004 - October 31, 2004) of the U.S. **Federal Communications Commission - FCC**. FCC authorized US Stations are:

KAIJ Dallas, TX	WGTG McCaysville, GA
KFBS Northern Mariana Islands, SA	WHRA Greenbush, ME
KHBN Medorn, Aimeliik, Palau	WHRI Noblesville, IN
(freq. advisor-US State Dep.), PL	WINB Red Lion, PA
KIMF Pinon, NM	WJCR Millerstown, KY
KJES Vado, NM	WMLK Bethel, PA
KNLS Anchor Point, AK	WRMI Miami, FL
KSDA Agat, GU	WRNO New Orleans, LA
KTBN Salt Lake City, UT	WSHB Furman, SC
KTWR Agana, GU	WTJC Newport, NC
KVOH Rancho Simi, CA	WWBS Macon, GA
KWHR Naalehu, HI	WWCR Nashville, TN
WBCQ Monticello, ME	WWFV McCaysville, GA
WEWN Vandiver, AL	WYFR Okeechobee, FL

Call	Start	Stop	Freq.	Pow	Azm	Target	Zones	Days	Stdte	Spdate
KAIJ	0100	1200	5755	100	320	2,3,34,35,45		1234567	010904	311004
KAIJ	0100	1200	5755	100	320	2,3,34,35,45		1234567	040404	010604
KAIJ	0100	1300	5755	100	320	2,3,34,35,45		1234567	280304	040404
KAIJ	0200	1200	5755	100	320	2,3,34,35,45		1234567	010604	010904
KAIJ	1200	0100	13815	100	320	2,3,34,35,45		1234567	010904	311004
KAIJ	1200	0100	13815	100	320	2,3,34,35,45		1234567	040404	010604
KAIJ	1200	0200	13815	100	320	2,3,34,35,45		1234567	010604	010904
KAIJ	1300	0100	13815	100	320	2,3,34,35,45		1234567	280304	040404
KFBS	0830	1200	15580	100	242	49S,51W,54		1234567	280304	311004
KFBS	0900	1100	11650	100	341	30-33,40-45		1234567	280304	311004
KFBS	1000	1600	11580	100	294	42-44		1234567	280304	311004
KFBS	1100	1400	11650	100	323	30-33,42-45		1234567	280304	311004
KFBS	1200	1330	12120	100	278	43S,44S,49		1234567	280304	311004
KFBS	1400	1900	9465	100	323	30-33,42-44		1234567	280304	311004
KFBS	2230	2330	12090	100	276	49		1234567	280304	311004
KHBN	0600	1700	9965	80	318	43,44		1234567	280304	311004
KHBN	0700	1600	9985	50	345	44,45		1234567	280304	311004
KHBN	0700	1600	15725	50	270	41,49,50,54		1234567	280304	311004
KHBN	0700	1600	15745	100	270	41,49,50,54		1234567	280304	311004
KHBN	0800	1600	9955	50	280	41,49		1234567	280304	311004
KHBN	1000	1600	12160	80	270	41,49,50,54		1234567	280304	311004
KHBN	1100	1600	13840	50	270	41,49,50,54		1234567	280304	311004
KHBN	2100	2400	9985	50	345	44,45		1234567	280304	311004

KHBN	2200	2400	9955	50	280	41,49	1234567	280304	311004
KHBN	2200	2400	9965	80	318	43,44	1234567	280304	311004
KIMF	1600	2300	11885	50	135	10,11	1234567	280304	311004
KIMF	2200	1800	5835	50	135	10,11	1234567	280304	311004
KJES	0100	0200	7555	50	335	2,3	1234567	280304	311004
KJES	0200	0230	7555	50	20	3,4	1234567	280304	311004
KJES	1300	1400	11715	50	70	3,4,9	1234567	280304	311004
KJES	1400	1500	11715	50	350	2,3	1234567	280304	311004
KJES	1500	1600	11715	50	150	10	1234567	280304	311004
KJES	1800	1900	15385	50	270	55,58,59	1234567	280304	311004
KJES	1900	2000	15385	50	100	11	1234567	280304	311004
KNLS	0800	0900	11765	100	270	24-26,34,35,44,45,50,51	1234567	280304	311004
KNLS	0900	1000	11765	100	300	22-26,32-35	1234567	280304	311004
KNLS	1000	1100	9795	100	285	43,44,49,54	1234567	260904	311004
KNLS	1000	1100	11765	100	285	43,44,49,54	1234567	280304	260904
KNLS	1100	1200	9795	100	300	22-26,32-35	1234567	280304	311004
KNLS	1200	1300	9795	100	285	43,44,49,54	1234567	260904	311004
KNLS	1200	1300	11765	100	285	43,44,49,54	1234567	280304	260904
KNLS	1300	1400	9795	100	270	24-26,34,35,44,45,50,51	1234567	290804	311004
KNLS	1300	1400	11870	100	270	24-26,34,35,44,45,50,51	1234567	280304	290804
KNLS	1400	1500	9615	100	285	43,44,49,54	1234567	280304	250404
KNLS	1400	1500	9615	100	285	43,44,49,54	1234567	290804	311004
KNLS	1400	1500	11870	100	285	43,44,49,54	1234567	250404	290804
KNLS	1500	1600	9615	100	285	43,44,49,54	1234567	250704	311004
KNLS	1500	1600	9615	100	285	43,44,49,54	1234567	280304	250404
KNLS	1500	1600	11870	100	285	43,44,49,54	1234567	250404	250704
KNLS	1600	1700	9615	100	285	43,44,49,50	1234567	280304	250404
KNLS	1600	1700	11765	100	285	43,44,49,50	1234567	250404	250704
KNLS	1700	1800	9615	100	330	22-26,32-35	1234567	250704	311004
KNLS	1700	1800	12105	100	330	20-26,29-35	1234567	280304	250704
KSDA	0000	0030	15510	100	285	49NW	1234567	010904	311004
KSDA	0000	0200	15590	100	315	43N,44N	1234567	010904	311004
KSDA	0030	0100	15510	100	285	49NW	1234567	010904	311004
KSDA	0100	0200	15520	100	300	43S,44S	1234567	010904	311004
KSDA	1000	1030	11560	100	315	43,44	1234567	010904	311004
KSDA	1000	1030	11930	100	270	50	1234567	010904	311004
KSDA	1000	1100	15510	100	300	43S,44S	1234567	010904	311004
KSDA	1000	1100	15615	100	315	43N,44N	1234567	010904	311004
KSDA	1030	1100	11900	100	315	43,44	14	010904	311004
KSDA	1030	1100	11900	100	315	43,44	23567	010904	311004
KSDA	1030	1100	11930	100	270	50	1234567	010904	311004
KSDA	1100	1130	15435	100	255	54W	1234567	010904	311004
KSDA	1100	1200	11560	100	330	32S,33S,43N,44N	1234567	010904	311004
KSDA	1100	1200	11975	100	300	43S,44S	1234567	010904	311004
KSDA	1100	1500	12105	100	315	43N,44N	1234567	010904	311004
KSDA	1130	1200	15435	100	255	54W	1234567	010904	311004
KSDA	1200	1300	9670	100	330	44NE,45NW	1234567	010904	311004
KSDA	1200	1300	11900	100	300	43S,44S	1234567	010904	311004
KSDA	1200	1300	15145	100	300	43S,44S	1234567	010904	311004
KSDA	1300	1330	11705	100	315	45	1234567	010904	311004
KSDA	1300	1330	11980	100	345	45	1234567	010904	311004
KSDA	1300	1330	15275	100	285	41NE	1234567	010904	311004
KSDA	1330	1400	11705	100	270	49E	1234567	010904	311004
KSDA	1330	1400	11980	100	345	45	1234567	010904	311004
KSDA	1330	1400	15275	100	285	41NE	14	010904	311004
KSDA	1330	1400	15275	100	285	41NE	23567	010904	311004
KSDA	1400	1430	11930	100	285	49NW	1234567	010904	311004
KSDA	1400	1430	15380	100	270	41S	1234567	010904	311004
KSDA	1400	1500	9880	100	300	43S,44S	1234567	010904	311004
KSDA	1430	1500	11930	100	285	49NW	1234567	010904	311004
KSDA	1430	1500	12000	100	285	49NW	1234567	010904	311004
KSDA	1500	1530	11895	100	285	41NE	1234567	010904	311004
KSDA	1500	1530	11975	100	270	41S	1234567	010904	311004
KSDA	1500	1530	15195	100	300	41NW	1234567	010904	311004
KSDA	1500	1530	15575	100	285	41S	1234567	010904	311004

KSDA	1530	1600	11895	100	285	41	1234567	010904	311004
KSDA	1530	1600	11975	100	270	41S	1234567	010904	311004
KSDA	1530	1600	15195	100	285	41	1234567	010904	311004
KSDA	1530	1600	15575	100	285	41S	1234567	010904	311004
KSDA	1600	1630	11975	100	300	41N	1234567	010904	311004
KSDA	1600	1700	15235	100	285	41	1234567	010904	311004
KSDA	1630	1700	11975	100	300	41N	1234567	010904	311004
KSDA	1700	1730	11560	100	300	38E, 39	1234567	010904	311004
KSDA	1700	1800	9385	100	300	38E, 39	1234567	010904	311004
KSDA	1730	1800	11560	100	300	38E, 39	1234567	010904	311004
KSDA	2000	2100	9740	100	315	44NE, 45NW	1234567	010904	311004
KSDA	2000	2100	9880	100	330	44NE, 45NW	1234567	010904	311004
KSDA	2100	2130	11850	100	315	45	1234567	010904	311004
KSDA	2100	2130	11980	100	345	45	1234567	010904	311004
KSDA	2100	2200	11895	100	300	43S, 44S	1234567	010904	311004
KSDA	2100	2200	15215	100	315	43N, 44N	1234567	010904	311004
KSDA	2130	2200	11850	100	315	45	1234567	010904	311004
KSDA	2130	2200	11980	100	345	45	1234567	010904	311004
KSDA	2200	2230	11850	100	255	54W	1234567	010904	311004
KSDA	2200	2230	15320	100	255	54	1234567	010904	311004
KSDA	2200	2300	12120	100	330	32S, 33S, 43N, 44N	1234567	010904	311004
KSDA	2200	2300	15215	100	315	43N, 44N	1234567	010904	311004
KSDA	2230	2300	11850	100	255	54W	1234567	010904	311004
KSDA	2230	2300	15320	100	255	54	1234567	010904	311004
KSDA	2300	2400	11770	100	300	43S, 44S	1234567	010904	311004
KSDA	2300	2400	11850	100	300	43S, 44S	1234567	010904	311004
KSDA	2300	2400	12120	100	330	32S, 33S, 43N, 44N	1234567	010904	311004
KSDA	2300	2400	15215	100	315	43N, 44N	1234567	010904	311004
KSDA	2300	2400	15320	100	270	49E	1234567	010904	311004
KTBN	0000	1500	7505	100	70	3-5, 9	1234567	280304	311004
KTBN	1400	0100	15590	100	70	3-5, 9	1234567	280304	311004
KTWR	0000	0100	17540	100	293	43, 44	1234567	280304	311004
KTWR	0730	0900	15205	100	278	49, 50, 54	67	280304	311004
KTWR	0740	0900	15205	100	278	49, 50, 54	12345	280304	311004
KTWR	0745	0930	11840	100	165	51, 55, 56, 58-60	12345	280304	311004
KTWR	0815	0930	11840	100	165	51, 55, 56, 58-60	67	280304	311004
KTWR	0845	0915	12130	100	305	43, 44	1234567	280304	311004
KTWR	0845	0930	11580	100	315	43, 44	1234567	280304	311004
KTWR	0900	0915	15200	100	248	54	12567	280304	311004
KTWR	0900	0915	15200	100	248	54	34	280304	311004
KTWR	0900	1200	15200	100	248	54	1234567	280304	311004
KTWR	0915	1000	15200	100	248	54	1234567	280304	311004
KTWR	0915	1100	9910	100	320	42-44	1234567	280304	311004
KTWR	0915	1600	12130	100	305	42-44	1234567	280304	311004
KTWR	0930	1015	9865	100	315	42-44	1234567	280304	311004
KTWR	0930	1100	15330	100	255	54	1234567	280304	311004
KTWR	1000	1030	15200	100	248	54	1234567	280304	311004
KTWR	1015	1100	9865	100	315	42-44	1234567	280304	311004
KTWR	1100	1200	9635	100	285	49	1234567	280304	311004
KTWR	1100	1200	15275	100	255	49, 54	1234567	280304	311004
KTWR	1100	1515	7455	100	320	42-44	1234567	280304	311004
KTWR	1200	1230	11670	100	293	42-44	1234567	280304	311004
KTWR	1200	1300	9975	100	285	49	1234567	280304	311004
KTWR	1215	1300	9465	100	345	45	1234567	280304	311004
KTWR	1230	1330	11720	100	278	49	1234567	280304	311004
KTWR	1300	1330	9975	100	315	42-44	1234567	280304	311004
KTWR	1330	1400	9920	100	293	41, 49	1234567	280304	311004
KTWR	1330	1400	9975	100	285	43, 44	1234567	280304	311004
KTWR	1330	1400	12075	100	285	49	1234567	280304	311004
KTWR	1400	1430	9675	100	345	44, 45	123467	280304	311004
KTWR	1400	1445	9430	100	278	49	1234567	280304	311004
KTWR	1400	1500	9975	100	285	43, 44	1234567	280304	311004
KTWR	1430	1500	9540	100	345	44, 45	1234567	280304	311004
KTWR	1500	1600	9920	100	345	44, 45	1234567	280304	311004
KTWR	1500	1600	12105	100	278	41, 48, 49	1234567	280304	311004

KTWR	1500	1615	9975	100	315	42-44	1234567	280304	311004
KTWR	2115	2200	11690	100	345	45	1234567	280304	311004
KTWR	2145	2215	13690	100	305	42-44	1234567	280304	311004
KTWR	2230	2300	13715	100	278	49	1234567	280304	311004
KVOH	0100	0800	9975	50	100	10,11	1234567	280304	311004
KVOH	1300	1500	9975	50	100	10,11	1234567	280304	311004
KVOH	1500	0100	17775	50	100	10-12	1234567	280304	311004
KWHR	0000	0400	17510	100	300	43-45	1234567	280304	311004
KWHR	0400	1000	17780	100	300	43-45	1234567	280304	311004
KWHR	0500	1600	11565	100	225	51,55,56,58-60	1234567	280304	311004
KWHR	1000	1230	9930	100	300	43-45	1234567	280304	311004
KWHR	1230	1600	9930	100	285	41,43,44,49	1234567	280304	311004
KWHR	1600	1800	9930	100	300	41,43,44,49	1234567	280304	311004
KWHR	2000	2200	11565	100	225	51,55,56,58-60	1234567	280304	311004
KWHR	2200	2400	17510	100	285	41,43,44,49	1234567	280304	311004
WBCQ	1200	0500	9330	50	245	10,11	1234567	280304	311004
WBCQ	1200	2300	17495	50	245	10,11	1234567	280304	311004
WBCQ	1400	1600	7415	50	245	10,11	1234567	280304	311004
WBCQ	1900	1000	7415	50	245	10,11	1234567	280304	311004
WBCQ	2100	1200	5105	50	245	10,11	1234567	280304	311004
WBOH	0000	2400	5920	50	170	11,12	1234567	280304	311004
WEWN	0000	1000	5825	500	20	4,5,9,28	1234567	280304	311004
WEWN	0000	1000	5825	500	285	10	1234567	280304	311004
WEWN	0000	1200	7425	500	220	10,11	1234567	280304	311004
WEWN	0600	0900	7580	500	40	27,28	1234567	280304	311004
WEWN	0700	1200	11875	500	155	12-15	1234567	280304	311004
WEWN	1000	1400	7520	500	20	4,5,9,28	1234567	280304	311004
WEWN	1000	1400	7520	500	285	10	1234567	280304	311004
WEWN	1200	1400	13615	500	155	12-15	1234567	280304	311004
WEWN	1200	1500	9355	500	220	10,11	1234567	280304	311004
WEWN	1400	1600	9955	500	20	4,5,9	1234567	280304	311004
WEWN	1400	1600	9955	500	285	10	1234567	280304	311004
WEWN	1400	2200	15745	500	155	12-15	1234567	280304	311004
WEWN	1500	2200	11530	500	220	10,11	1234567	280304	311004
WEWN	1600	2200	13615	500	20	4,5,9	1234567	280304	311004
WEWN	1600	2200	13615	500	285	10	1234567	280304	311004
WEWN	1700	2000	15685	500	40	27-29	1234567	280304	311004
WEWN	2000	2200	17595	500	85	46	1234567	280304	311004
WEWN	2200	0700	13615	500	155	12-16	1234567	280304	311004
WEWN	2200	2400	9355	500	220	10,11	1234567	280304	311004
WEWN	2200	2400	9975	500	20	4,5,9	1234567	280304	311004
WEWN	2200	2400	9975	500	285	10	1234567	280304	311004
WEWN	2200	2400	15745	500	85	46	1234567	280304	311004
WHRA	0500	1000	11730	250	90	37,38,46-48,52	1234567	280304	311004
WHRA	1300	1500	17560	250	60	27,28,39,40	1234567	280304	311004
WHRA	1500	2300	17650	250	90	46-48,52,53,57	1234567	280304	311004
WHRA	2200	2300	7580	250	60	27,28,38-40	1234567	280304	311004
WHRA	2300	0500	7580	250	45	27-29,39,40	1234567	280304	311004
WHRI	0000	1000	7315	100	157	10,11	1234567	280304	311004
WHRI	1000	1300	9495	100	157	10,11	1234567	280304	311004
WHRI	1000	1500	9850	100	42	4,5,9,17	1234567	280304	311004
WHRI	1300	1700	15105	100	157	10,11	1234567	280304	311004
WHRI	1500	2400	13760	100	42	4,5,9,17,27	1234567	280304	311004
WHRI	1700	2400	9495	100	157	10,11	1234567	280304	311004
WHRI	2000	1000	5745	100	42	4,5,9,17,27	1234567	280304	311004
WINB	1000	1200	9320	50	242	10,11	1234567	050404	311004
WINB	1100	1300	9320	50	242	10,11	1234567	280304	040404
WINB	1200	2300	13570	50	242	10,11	1234567	050404	311004
WINB	1300	2300	13570	50	242	10,11	1234567	280304	040404
WINB	2300	0400	9320	50	242	10,11	1234567	050404	311004
WINB	2300	0500	9320	50	242	10,11	1234567	280304	040404
WJIE	0000	2400	13595	50	270	41,44	1234567	280304	311004
WJIE	0400	2200	7490	50	55	9	1234567	280304	311004
WJIE	2200	2400	7490	50	55	9,27	1234567	280304	311004
WMLK	0300	0900	9465	50	53	27,28,39	1234567	280304	311004

WMLK	0300	0900	9955	125	53	27,28,39	1234567	280304	311004
WMLK	1600	2200	9465	50	53	27,28,39	234567	280304	311004
WMLK	1600	2200	15265	250	57	27,28,39	1234567	280304	311004
WRMI	0000	0600	9955	50	160	12-16	1234567	280304	311004
WRMI	0000	1200	7385	50	317	2,3	1234567	280304	311004
WRMI	0600	1000	9955	50	160	14-16	1234567	280304	311004
WRMI	1000	1400	9955	50	160	10-13	1234567	280304	311004
WRMI	1200	2300	15725	50	317	2,3	1234567	280304	311004
WRMI	1400	1600	7385	50	160	10-13	1234567	280304	311004
WRMI	1600	2100	9955	50	160	10,11	1234567	280304	311004
WRMI	2100	2400	9955	50	160	10-13	1234567	280304	311004
WRMI	2300	2400	7385	50	317	2,3	1234567	280304	311004
WRNO	1400	2300	15420	50	20	3-5,9-11,27	1234567	280304	311004
WRNO	1500	2200	7395	50	20	3-5,9	1234567	280304	311004
WRNO	2200	0300	7355	50	20	3-5,9-11,27	1234567	280304	311004
WRNO	2200	1500	7395	50	20	3-5,9-11,27	1234567	280304	311004
WSHB	0000	0100	7535	250	173	11,12N	1234567	280304	311004
WSHB	0000	0100	7535	250	25	4,9	1234567	280304	311004
WSHB	0000	0200	9430	500	167	11W,12,14	1234567	280304	311004
WSHB	0100	0300	7535	500	315	2-4	1234567	280304	311004
WSHB	0200	0300	9430	500	245	10,11	1234567	280304	311004
WSHB	0300	0400	7535	500	42	27-29,37	1234567	280304	311004
WSHB	0300	0400	9450	500	25	4,9,27-29	1234567	280304	311004
WSHB	0400	0500	9450	500	72	46-48,52,53	1234567	280304	311004
WSHB	0400	0600	7535	500	25	4,9,27-29	1234567	280304	311004
WSHB	0500	0600	9450	500	102	52,53,57	1234567	280304	311004
WSHB	0600	0800	9450	500	72	46-48,52,53	1234567	280304	311004
WSHB	0700	0800	9845	500	245	10,11,59,60	1234567	280304	311004
WSHB	0800	0900	9845	500	245	10,11,59,60	167	280304	311004
WSHB	0800	1000	9860	500	42	27-29,37	167	280304	311004
WSHB	0900	1000	9455	500	137	11W,12,13W,14	167	280304	311004
WSHB	1000	1100	9455	500	152	11W,12,13W,14	167	280304	311004
WSHB	1000	1200	6095	250	173	11,12N	167	280304	311004
WSHB	1000	1200	6095	250	25	4,9	167	280304	311004
WSHB	1100	1200	9455	500	167	11W,12,14	167	280304	311004
WSHB	1200	1300	6095	250	173	11,12N	167	280304	311004
WSHB	1200	1300	6095	250	25	4,9	167	280304	311004
WSHB	1200	1300	9455	500	167	11W,12,14	167	280304	311004
WSHB	1300	1400	9430	500	315	2-4	167	280304	311004
WSHB	1300	1400	11670	500	245	10,11	167	280304	311004
WSHB	1600	1800	17540	500	87	46-48,52,53	1234567	280304	311004
WSHB	1800	2000	17540	500	102	52,53,57	1234567	280304	311004
WSHB	1800	2200	15665	500	25	4,9,27-29	1234567	280304	311004
WSHB	2000	2200	13835	500	87	46-48,52,53	1234567	280304	311004
WSHB	2200	2300	13770	500	57	27-29,37	1234567	280304	311004
WSHB	2200	2300	15285	500	137	11W,12,13W,14	1234567	280304	311004
WSHB	2300	2400	13770	500	72	46-48,52,53	1234567	280304	311004
WSHB	2300	2400	15285	500	167	11W,12,14	1234567	280304	311004
WTJC	0000	2400	9370	50	40	4,9	1234567	280304	311004
WWBS	2300	0100	11910	50	30	3,4,9	17	280304	311004
WOCR	0000	0900	3210	100	46	4,9,27,28,37-39	1234567	010904	311004
WOCR	0000	0900	3210	100	46	4,9,27,28,37-39	1234567	040404	310504
WOCR	0000	1000	3210	100	46	4,9,27,28,37-39	1234567	280304	030404
WOCR	0000	1200	5070	100	40	4,9,27-29	1234567	010604	310804
WOCR	0100	0900	3210	100	46	4,9,27,28,37-39	1234567	010604	310804
WOCR	0100	1200	5935	100	85	36-38,46-48,57	1234567	010904	311004
WOCR	0100	1200	5935	100	85	36-38,46-48,57	1234567	040404	310504
WOCR	0100	1300	5935	100	85	36-38,46-48,57	1234567	280304	030404
WOCR	0200	1000	5770	100	90	9,11,47,52,53	1234567	010604	310804
WOCR	0200	1200	5935	100	85	36-38,46-48,57	1234567	010604	310804
WOCR	0300	1200	5770	100	90	9,11,47,52,53	1234567	010904	311004
WOCR	0300	1200	5770	100	90	9,11,47,52,53	1234567	040404	310504
WOCR	0400	1300	5770	100	90	9,11,47,52,53	1234567	280304	030404
WOCR	0900	1000	9475	100	46	4,9,27,28,37-39	1234567	010604	310804
WOCR	0900	1000	9475	100	46	4,9,27,28,37-39	1234567	010904	311004

WWCR	0900	1000	9475	100	46	4,9,27,28,37-39	1234567	040404	310504
WWCR	1000	1100	9745	100	46	4,9,27,28,37-39	1234567	280304	030404
WWCR	1000	2200	15825	100	46	4,9,27,28,37-39	1234567	010604	310804
WWCR	1000	2200	15825	100	46	4,9,27,28,37-39	1234567	010904	311004
WWCR	1000	2200	15825	100	46	4,9,27,28,37-39	1234567	040404	310504
WWCR	1100	1500	7465	100	90	9,11,47,52,53	1234567	010604	310804
WWCR	1100	2200	15825	100	46	4,9,27,28,37-39	1234567	280304	030404
WWCR	1200	0100	13845	100	85	36-38,46-48,57	1234567	010904	311004
WWCR	1200	0100	13845	100	85	36-38,46-48,57	1234567	040404	310504
WWCR	1200	0200	13845	100	85	36-38,46-48,57	1234567	010604	310804
WWCR	1200	1500	7465	100	90	9,11,47,52,53	1234567	010904	311004
WWCR	1200	1500	7465	100	90	9,11,47,52,53	1234567	040404	310504
WWCR	1200	1500	9985	100	40	4,9	1234567	010604	310804
WWCR	1200	1500	9985	100	40	4,9	1234567	010904	311004
WWCR	1200	1500	9985	100	40	4,9	1234567	040404	310504
WWCR	1300	0100	13845	100	85	36-38,46-48,57	1234567	280304	030404
WWCR	1300	1600	7465	100	90	9,11,47,52,53	1234567	280304	030404
WWCR	1300	1600	9985	100	40	4,9	1234567	280304	030404
WWCR	1500	2200	9475	100	90	9,11,47,52,53	1234567	010604	310804
WWCR	1500	2200	9475	100	90	9,11,47,52,53	1234567	010904	311004
WWCR	1500	2200	9475	100	90	9,11,47,52,53	1234567	040404	310504
WWCR	1500	2300	12160	100	40	4,9,27-29	1234567	010904	311004
WWCR	1500	2300	12160	100	40	4,9,27-29	1234567	040404	310504
WWCR	1500	2400	12160	100	40	4,9,27-29	1234567	010604	310804
WWCR	1600	2200	9475	100	90	9,11,47,52,53	1234567	280304	030404
WWCR	1600	2300	12160	100	40	4,9,27-29	1234567	280304	030404
WWCR	2200	0100	9475	100	46	4,9,27,28,37-39	1234567	010604	310804
WWCR	2200	0200	7465	100	90	9,11,47,52,53	1234567	010604	310804
WWCR	2200	0300	7465	100	90	9,11,47,52,53	1234567	010904	311004
WWCR	2200	0300	7465	100	90	9,11,47,52,53	1234567	040404	310504
WWCR	2200	0400	7465	100	90	9,11,47,52,53	1234567	280304	030404
WWCR	2200	2400	9475	100	46	4,9,27,28,37-39	1234567	010904	311004
WWCR	2200	2400	9475	100	46	4,9,27,28,37-39	1234567	040404	310504
WWCR	2200	2400	9475	100	46	4,9,27,28,37-39	1234567	280304	030404
WWCR	2300	1200	5070	100	40	4,9,27-29	1234567	010904	311004
WWCR	2300	1200	5070	100	40	4,9,27-29	1234567	040404	310504
WWCR	2300	1300	5070	100	40	4,9,27-29	1234567	280304	030404
WWRB	1200	2200	9320	50	45	4,9,17-21	1234567	040404	311004
WWRB	1200	2200	12170	50	90	27,28,37-39	1234567	040404	311004
WWRB	1300	2300	9320	50	45	4,9,17-21	1234567	280304	040404
WWRB	1300	2300	12170	50	90	27,28,37-39	1234567	280304	040404
WWRB	2200	0500	5050	50	340	3,4,23,24,44	1234567	040404	311004
WWRB	2200	0500	5085	50	45	5,9,17-21	1234567	040404	311004
WWRB	2200	0500	6890	50	90	27,28,37-39	1234567	040404	311004
WWRB	2300	0600	5050	50	340	3,4,23,24,44	1234567	280304	040404
WWRB	2300	0600	5085	50	45	5,9,17-21	1234567	280304	040404
WWRB	2300	0600	6890	50	90	27,28,37-39	1234567	280304	040404
WYFR	0000	0445	9505	100	315	2	1234567	280304	311004
WYFR	0100	0200	7520	100	142	13	1234567	280304	311004
WYFR	0145	0600	11740	100	222	11	1234567	280304	311004
WYFR	0145	0700	9680	100	315	2	1234567	280304	311004
WYFR	0300	0600	6855	100	355	4,5,9	1234567	280304	311004
WYFR	0300	0800	7355	100	44	27,28,39	1234567	280304	311004
WYFR	0300	0800	9355	100	44	27,28,39	1234567	280304	311004
WYFR	0300	0945	5950	100	285	10	1234567	280304	311004
WYFR	0300	1145	9715	50	285	10	1234567	280304	311004
WYFR	0345	0900	11530	100	87	37,46	1234567	280304	311004
WYFR	0400	0800	9985	100	44	27,28,39	1234567	280304	311004
WYFR	0445	0700	5985	100	315	2	1234567	280304	311004
WYFR	0445	0900	9930	100	87	46	1234567	280304	311004
WYFR	0500	0800	7520	100	44	27,28,39	1234567	280304	311004
WYFR	0500	0800	11580	100	44	27,28,39	1234567	280304	311004
WYFR	0800	0900	13570	100	87	46	1234567	280304	311004
WYFR	0800	1100	9605	100	142	15	1234567	280304	311004
WYFR	0800	1100	11770	100	142	13	1234567	280304	311004

WYFR	0800	1200	9550	100	160	14	1234567	280304	311004
WYFR	0800	1200	11855	100	160	16	1234567	280304	311004
WYFR	0845	1045	9625	100	140	13	1234567	280304	311004
WYFR	0900	1100	6175	100	160	15	1234567	280304	311004
WYFR	0945	1145	9755	100	285	10	1234567	280304	311004
WYFR	0945	1300	5950	100	355	4,5,9	1234567	280304	311004
WYFR	0945	1300	11970	100	151	15	1234567	280304	311004
WYFR	0945	1400	6085	100	181	11	1234567	280304	311004
WYFR	1045	1200	9505	100	355	4,5,9	1234567	280304	311004
WYFR	1045	1245	5850	100	315	2	1234567	280304	311004
WYFR	1045	1245	6015	100	315	2	1234567	280304	311004
WYFR	1100	1200	9355	100	160	15	1234567	280304	311004
WYFR	1100	1400	7355	100	222	12	1234567	280304	311004
WYFR	1100	1400	9605	100	222	11	1234567	280304	311004
WYFR	1145	1700	17750	100	285	10	1234567	280304	311004
WYFR	1145	1945	15130	50	285	10	1234567	280304	311004
WYFR	1200	1500	13695	100	355	4,5,9	1234567	280304	311004
WYFR	1245	1700	11830	100	315	2	1234567	280304	311004
WYFR	1245	1700	11865	100	315	2	1234567	280304	311004
WYFR	1300	1500	11970	100	355	4,5,9	1234567	280304	311004
WYFR	1400	1945	6085	100	181	11	1234567	280304	311004
WYFR	1545	1845	21670	100	44	27,28	1234567	280304	311004
WYFR	1545	2000	21455	100	44	27	1234567	280304	311004
WYFR	1545	2100	21525	100	87	47,52,57	1234567	280304	311004
WYFR	1545	2145	18980	100	44	27,28	1234567	280304	311004
WYFR	1545	2245	18930	100	44	27,28	1234567	280304	311004
WYFR	1600	1700	15770	100	44	27,28	1234567	280304	311004
WYFR	1700	1900	17525	100	87	46	1234567	280304	311004
WYFR	1700	2045	17750	100	44	27,28	1234567	280304	311004
WYFR	1700	2145	17795	100	285	10	1234567	280304	311004
WYFR	1845	2300	15600	100	44	27,28	1234567	280304	311004
WYFR	1900	2245	17845	100	87	37,46	1234567	280304	311004
WYFR	1945	2200	15130	100	355	4	1234567	280304	311004
WYFR	1945	2400	15155	50	285	10	1234567	280304	311004
WYFR	2000	0145	17725	100	140	13	1234567	280304	311004
WYFR	2000	0445	5985	50	181	11	1234567	280304	311004
WYFR	2000	0500	11855	100	222	11	1234567	280304	311004
WYFR	2000	2245	15695	100	44	27,28,39	1234567	280304	311004
WYFR	2045	2300	11565	100	44	28	1234567	280304	311004
WYFR	2100	2245	15770	100	87	47,52,57	1234567	280304	311004
WYFR	2145	0300	5950	100	355	4,5,9	1234567	280304	311004
WYFR	2145	0300	15440	100	285	10	1234567	280304	311004
WYFR	2145	2400	11740	100	315	2	1234567	280304	311004
WYFR	2200	0145	15130	100	142	13	1234567	280304	311004
WYFR	2245	0100	17805	100	142	15	1234567	280304	311004
WYFR	2245	0300	17750	100	160	15	1234567	280304	311004
WYFR	2245	0445	6065	100	355	4,5,9	1234567	280304	311004
WYFR	2300	0300	17845	100	160	14	1234567	280304	311004
WYFR	2300	0400	15215	100	160	16	1234567	280304	311004

Note Days: 1=Sunday .. 7=Saturday
(FCC webpage via JKB, 4 March 2004)

The *Christian Science* Publishing Society today announced the decision to discontinue broadcasts from its shortwave station, *WSHB*, South Carolina, while it plans new activities to make the ideas in Mary Baker Eddy's landmark work on spirituality and healing, *Science and Health with Key to the Scriptures*, more available and accessible worldwide. "Over the last few months, we've reviewed and reassessed many of our activities here with the goal of finding the most effective ways of connecting with spiritual seekers everywhere," said Catherine Aitken-Smith, Broadcast Director of Broadcast and Multimedia Services for The First Church of Christ, Scientist, in Boston, Massachusetts, which owns both the Publishing Society and the Herald Broadcasting Syndicate. "WSHB has been a very effective communications tool, and we're deeply grateful to its staff for their dedicated professionalism," she added, "but it's become clear to us that we don't need to actually own broadcast facilities in order to distribute programs." Aitken-Smith said the Publishing Society and the Herald Broadcasting Syndicate are investigating several

distribution solutions and technologies that, in combination, will help the Society "reach people wherever they are, reliably, and at a reasonable cost." During this planning period, many of the Society's broadcast activities will continue: Herald programs will be heard throughout Europe, Africa, and South America on local radio, where the programs are supported by local funding sources. Listeners with access to the Internet are also invited to log on to . The Publishing Society initiated its shortwave broadcasts from WSHB in March of 1989. The last program to air from WSHB will be the Sunday Church Service on February 29, 2004 [but WSHB registered until 10/31/04 by the FCC, Ed.]. WSHB's owner, the Herald Broadcasting Syndicate, has put the station up for sale. The Christian Science Board of Directors, the governing body of The First Church of Christ, Scientist, Boston, Massachusetts, created the Syndicate in 1985. Mary Baker Eddy, the Church's founder, established The Christian Science Publishing Society in 1898. The Society publishes religious magazines in 12 languages as well as The Christian Science Monitor, an international daily newspaper. (February 25, 2004 Press Release via DXLD 4-038, March 1, 2004)

WSHB is gone, another SW broadcaster bites the dust. 7535, 0700-0800, WSHB Cypress Creek Mar 1. This is the last program I stayed up to monitor, waiting for a final goodbye. Alas, there was none, only the same canned announcement at the end of the program announcing the discontinuation of SW, after the Christian Science broadcast. WSHB is definitely gone.

(Walt Salmaniw in DXLD 4-039, March 2, 2004)

WSHB transmitter location is Cypress Creek, a small community in Hampton County, South Carolina (032.41.02N 081.07.51W). WSHB began construction in December, 1987. It began broadcasting on March 27, 1989. WSHB has a 19000 SF building on 360 acres, and operated three 750-KW generators in peak load shaving with its power supplier. The station employs 9 people. WSHB used two Brown Boveri 500KW SK 55 C3-2P Short-wave transmitters with six antennas. (JKB)

On March 27, 1989 at 0758 UTC, shortwave station WSHB made its first broadcast from Cypress Creek, South Carolina. Fifteen years later --at 0700 UT on March 1, 2004 -- it signed off for the last time after broadcasting the Sunday service from The First Church of Christ, Scientist in Boston, Massachusetts. WSHB was one of the giants of shortwave broadcasting. Owned by the Christian Science Publishing Society (a branch of the Christian Science Church based in Boston), WSHB was one of three stations that comprised the World Service of The Christian Science Monitor. The World Service broadcast a two-hour daily English-language news and features "magazine"-type program which rotated 24 hours per day, Monday through Friday, with some hours in Spanish to certain target areas during part of its existence. Live newscasts were inserted into the program at the top and bottom of each hour. On weekends, the station became the Herald of Christian Science, with broadcasts from the Christian Science "Mother Church" in Boston and other Christian Science religious programs in a variety of languages. WSHB was actually the third station in the Monitor World Service trilogy. WCSN in Scotts Corner, Maine, was the initial station. It went on air in March, 1987. KHBI in Saipan, Marianas Islands, was purchased by the Church in 1989. WCSN was sold to an Adventist organization called Prophecy Countdown in 1995, and is now owned by NASB member LeSEA Broadcasting. KHBI was sold in 1998 to Radio Free Asia, which is an associate member of NASB as part of the U.S. International Broadcasting Bureau. WSHB operated two 500-kilowatt transmitters, making it one of the largest and most technically sophisticated privately-owned shortwave stations in the United States. It had six pairs of curtain antennas beamed to Europe/Africa, South America, Central America/Caribbean, Mexico/New Zealand, Western North America, and Eastern North America. The station was manned by a staff of eight engineers and operators. Station Manager Ed Evans -- a former president of the NASB -- was there for both the first and last broadcasts from WSHB and everything in between. He explained that "WSHB had a couple of unique devices called 'splitters' which gave us the ability to use either transmitter into two of the antennas simultaneously. In other words, we could broadcast in four different directions from the two transmitters." WSHB also operated three 750-kilowatt generator sets in conjunction with the local power company to reduce peak demands. "That greatly reduced our electric bills," said Ed Evans. "We connected our building status monitor computer to the utility substation communications computer, and we received daily communications from the utility on the need for peak shaving for that day." Current NASB President Jeff White commented: "The end of WSHB's broadcasts is really the end of an era. The World Service of The Christian Science Monitor was a unique broadcast service that was widely regarded to be on the same level as the BBC World Service in terms of journalistic quality and integrity. It was an honor for

me to have been associated with the World Service for a number of years as a freelance news and features correspondent." Despite the highly-lauded programming of the World Service of The Christian Science Monitor, the Church decided to end all of its news programs in 1997. Since then, WSHB has aired only religious programs in English, Spanish, French, German, Portuguese, and Russian, in addition to a few paid relays of overseas radio services from time to time. "Over the last few months, we've reviewed and reassessed many of our activities here with the goal of finding the most effective ways of connecting with spiritual seekers everywhere," said Catherine Aitken-Smith, Broadcast Director of Broadcast and Multimedia Services for the Church, which owns both the Publishing Society and the Herald Broadcasting Syndicate. "WSHB has been a very effective communications tool, and we're deeply grateful to its staff for their dedicated professionalism," she added, "but it's become clear to us that we don't need to actually own broadcast facilities in order to distribute programs." Aitken-Smith said the Publishing Society and the Herald Broadcasting Syndicate are investigating several alternate distribution solutions and technologies that, in combination, will help the Society "reach people wherever they are, reliably, and at a reasonable cost." During this planning period, many of the Society's broadcast activities will continue. Herald religious programs will be heard throughout Europe, Africa and South America on local radio stations, where the programs are supported by local funding sources. Listeners may also hear a selection of programs on the Internet at <http://www.churchofchristscientist.org> The Mother Church has put WSHB up for sale. Interested parties may contact Ed Evans at evansc@wshb.com for more information. The Christian Science Board of Directors, the governing body of The First Church of Christ, Scientist, created the Syndicate in 1985. Mary Baker Eddy, the Church's founder, established The Christian Science Publishing Society in 1898. The Society publishes religious magazines in 12 languages as well as The Christian Science Monitor, a highly-respected international daily newspaper. (Jeff White, March, NASB Newsletter via DXLD 4-048, March 14, 2004)

WWRB is pleased to announce the commissioning of our fifth shortwave transmitter global - 5. Global - 5 is coupled to our 150 degree azimuth South and Central America antenna. WWRB is receiving solid LOUD and CLEAR reception reports from missionaries stationed on / in various Caribbean islands, Bahamas, Central and South American countries. WWRB is broadcasting using Global - 5 nightly on 5.050 MHz from 2300-0500 UTC WWRB is building a solid line up of quality Christian programming on all Transmitters, Frequencies and Antennas. WWRB will make application with the IRS to convert operations to a 501C3 Non Profit Ministry To be known As: South East Radio Church. Tax Savings will be passed on to WWRB Christian broadcasters. (Dave Frantz - WWRB, 2004 March 4, in DXLD 4-041) WWRB will not be on the air during the day lite hours Monday thru Wednesdays. WWRB is in the process of reconfiguring our 045 Degree Rhombic antennas radiation angle (take off angle) from its current setting of 46 degrees at 12 MHz (local coverage) to as low as 8 degrees at 12 and 15 MHz. (DX coverage via DXLD 4-042, March 7, 2004). To accomplish this change WWRB must raise our 045 degree Rhombic's radiating elements (cables) to approximately 160 feet above ground level from the current 67 feet above ground level. This change is not difficult as WWRB antennas are suspended by Radio Towers as high as 190 feet above ground level; it is time consuming but not difficult. To comply with FCC Radio Frequency worker exposure guidelines, we will suspend operations Monday - Wednesday daytime until we are finished. When finished we will use aircraft flying at various altitudes and distances around the WWRB transmitter facilities. Using a Calibrated HF receiver, GPS and a Data logger to perform the flight inspection measuring the antenna in actual operation. This will confirm the following:

1. Azimuthal alignment
2. Radiation angle
3. Beam width
4. Half Power Points
5. Side Lobes
6. Back Lobe

Our new clients are requiring Overseas reception. The 46 degree radiation angle is not conducive for DX reception so we make the change to 8 degrees boosting our signal in the 045 degree target area. Regards to all (Dave Frantz - WWRB, 2004 March 6, via DXLD 4-042, March 7, 2004)

Sources & Contributors:

ADDX	Assoziation deutschsprachiger DXer - Duesseldorf, Germany.
Alokesh Gupta	New Delhi - India.
BC-DX	News Bulletin by Wolfgang W. Bueschel Germany.
BCLNEWS.IT	BCLNEWS.IT - Palermo, Italy.
BDXC-UK	British DX Club - United Kingdom.
BP	Bob Padula - Australia.
DXLD	Glenn Hauser's DX LISTENING DIGEST - USA.
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.
RNMN	R. Netherlands Media Network ©.
WB	Wolfgang W. Bueschel, Stuttgart - Germany.
WDXC-HQ	WDXC Headquarter, Michael Bethge - Germany

Abbreviations:

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

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

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DX LOGBOOK

Logs around the clock

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MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
1305.0	2140	222	G	Touch Radio	English	Jingles	2102	MF
1359.0	1850	222	G	Merseyside Sound	English	Merseyside river	2402	MF
1368.0	1730	322	G	Radio Worcestor	English	Lincolnshire	2202	MF
1413.0	0608	243	G	Premier Christian Radio	English	Religious Program, ID	1302	HSO
1510.0	0554	243	USA	WWZN, Boston	English	Anns., Music	1502	HSO
1557.0	2040	322	G	South Gold, Southampton	English	News, Chinese Concert	2102	MF
1566.0	2030	222	G	Radio Scotland, Dundee	English	ID and music	2101	MF

TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2310.0	1212	333	AUS	ABC, Northern Territories, Alice Springs	English	Concert for George	0902	RAD
2390.0	0058	211	MEX	Radio Huayacocotia	Spanish	Ranchera music, Talks, ID	1102	RAD
3235.0	1040	211	PRU	Radio Luz y Sonido	Spanish	Vocals and Anns.	1002	RAD
3291.1	0336	243	GUY	Voice of Guyana	English	Comments, Music, BBC-WS	1802	HSO
3306.0	0328	333	ZWE	Zimbabwe Broadcasting Corp.	Shona	Talks & Phone in	2102	RAD
3310.0	1005	211	BOL	Radio Mosoj Chaski	Quechua	ID, Talks	1102	RAD
3355.0	1143	221	PNG	Radio Simbu	English	Country music	1002	RAD
3365.0	1209	332	PNG	Radio Milne Bay	English	Talks, News	0902	RAD
3385.0	1144	211	PNG	Radio East New Britain	English	, Talks, Rock vocals	0902	RAD
4052.5	0405	433	GTM	Radio Verdad	Spanish	Marimba music, ID	2501	RAD
4722.8	1018	211	BOL	Radio Unica	Spanish	Chatter, ID's	0902	RAD
4760.0	2151	221	LBR	ELWA	English	Religious talks, Choir music	0802	RAD
4773.8	1113	322	EOA	Radio Centinela del Sur	Spanish	Political talk, ID	0902	RAD
4775.0	0401	222	SWA	Trans World Radio	German	Religious talk	1303	RAD
4790.0	1240	222	INS	RRI, Fak Fak	Indonesian	Pop music	0902	RAD
4790.0	0004	221	IND	AIR, Chennai	Tamil	Talks	1002	RAD
4800.0	2002	244	CHN	CNR 1, Beijing	Chinese	News, Anns., Music	1802	HSO
4810.0	0207	222	MEX	XERTA-Radio Transcontinental	Spanish	Instrumental music, ID	1502	RAD
4830.0	0054	211	IND	All India Radio, Jammu	Hindi	Vocals with flutes	0203	RAD
4835.0	2351	322	MLI	RTV Malienne	French	Talks, Highlife musical segments	2202	RAD
4840.0	0026	222	IND	All India Radio, Mumbai	English	Flute music, ID, News	1002	RAD
4860.0	0030	222	IND	All India Radio, Delhi	Hindi	News	0203	RAD
4870.0	1225	222	INS	RRI, Wamena	Indonesian	Pop vocals, News	0902	RAD
4875.0	0344	322	B	Radio Difusora Roraima	Portuguese	Talks, ID	2801	RAD
4885.0	0433	222	B	Radio Difusora Acreana	Portuguese	Talks, Pop music vocals, ID	2401	RAD
4890.0	1240	322	PNG	NBC Karai Service	Karai	Phone in music, ID	1002	RAD
4895.0	0343	322	B	Radio Bare	Portuguese	Talks, ID's	0902	RAD
4895.0	1220	211	IND	All India Radio Kurseong	English	ID, News	2801	RAD
4910.0	0237	322	ZMB	Radio Zambia	Vernacular	Choral National Anthem, ID	0602	RAD
4915.0	2135	322	GHA	Ghana Broadcasting Corp.	English	Choir vocals, Religious talks, ID	0802	RAD
4920.0	1227	211	IND	All India Radio, Chennai	Hindi	Vocals, Flute, English news, ID	0502	RAD
4920.0	2236	211	CHN	Xizang PBS	Tibetan	Tlaks, Music	0902	RAD
4935.0	2325	322	B	Radio Capixaba	Portuguese	Long religious talks, ID	0802	RAD

4950.0	0353	332	AGL	Radio Nacional do Angola	Portugese	Popmusic, ID's and news	0902	RAD
4955.0	1043	322	PRU	Radio Cultura,Amauta	Spanish	Religious talks	0902	RAD
4965.0	0950	322	PRU	Radio Santa Monica	Spanish	Vocals,Anns. ID	0902	RAD
4980.0	0008	211	CHN	Xinjiang PBS	Uighur	Talks and vocals	1002	RAD
4991.0	0931	211	PRU	Radio Ancash	Spanish	Advts., Rustic vocals,ID	1002	RAD
5010.0	0308	322	MDG	Radio TV Malagasy	Malagasy	Talk,local music selection	1102	RAD
5010.0	0032	222	IND	All India Radio,Thiruvanthapuram	English	ID,Flute music	1002	RAD
5015.0	2348	222	B	Radio Pioneira	Portugese	Rustic vocals,Talks,ID	0802	RAD
5019.9	1120	222	PRU	Radio Horizonte	Spanish	Talks,Adv. Strings	1002	RAD
5025.0	0622	244	CUB	Radio Rebelde	Spanish	Folklore,Anns.,	1302	HSO
5025.0	1047	322	PRU	Radio Quillabamba	Spanish	Vocals,ID	1002	RAD
5025.0	2213	222	BEN	ORTB,Parakou	French	Two men in discussion	0802	RAD
5026.0	0415	322	UGA	Radio Uganda	English	Talk,ID	0502	RAD
5030.0	2238	222	BFA	Radio Burkina	French	Talks,Tibal vocals,drum music	2101	RAD
5030.0	1012	322	PRU	Radio Los Andes	Spanish	Anns.,TCs and Ids	0102	RAD

SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5470.8	1106	111	PRU	Radio San Nicolas	Spanish	Flute music,ID	1002	RAD
5486.7	1053	111	PRU	Reina de la Selva	Spanish	Talks,Anns. Advts. ID	1102	RAD
5678.0	0234	222	PRU	Radio Illucan	Spanish	Talks,Ids	2702	RAD
5905.0	1445	322	KAZ	Dem Voice of Burma via Almaty	Burmese	Talks	1602	WB
5910.0	0456	554	UKR	Radio Ukraine Intl.,	English	Cultural	1102	RL
5952.5	0955	222	BOL	Radio Pio Doce	Spanish	Talk,Multiple ID's	0902	RAD
5993.2	0858	433	B	Radio Senado	Portugese	Pop vocal songs,News	1002	RAD
5995.0	2250	232	USA	Voice of Vietnam via WRMI	English	Program	2802	MF
6005.0	2223	322	D	Deutscheland Radio	German	Talk,French lyric pop music,ID	0802	RAD
6010.2	0520	343	CLM	LV de tu Conciencia	Spanish	Instr.Music,Anns, Folklore,ID	1502	HSO
6025.0	0220	444	USA	WHRI	English	This is the fire of God	0103	MF
6025.0	0225	433	D	Bible Voice via Juleich	English	Religious program for Iraq	0303	RAD
6045.0	0317	222	MEX	Radio Universidad	Spanish	Phone in Music program	1002	RAD
6045.0	1920	322	PAK	Radio Pakistan	Urdu	Music Program	2902	MF
6055.0	0050	434	E	REE,Madrid	English	Radio Waves	2202	RL
6055.0	2220	433	USA	WWCR	English	War with God	2802	MF
6055.0	2041	333	RRW	Radio Rwanda	French	Long Talk	0902	RAD
6085.0	0030	444	USA	WYFR	English	ID,Gospels	2802	MF
6105.0	1156	322	CTR	Radio Universidad	Spanish	Nion stop music & Anns.	1102	RAD
6134.8	1010	322	BOL	Radio Santa Cruz	Spanish	Anns, ID and Bolivian vocals	0902	RAD
6200.0	0404	534	CZE	Radio Prague	English	Czech Science & one on One	1102	RL
6235.0	2119	222	RUS	Voice of Russia,Kaliningrad	English	Mailbag program,ID	1002	RAD
6295.0	2150	211	IRL	Reflections Europe	English	Religious talks,music	0802	RAD
6536.0	0047	211	PRU	Radio Poderosa	Spanish	Anns., Vocal selections	1102	RAD
7175.0	0110	433	GRC	Voice of America	Urdu	Aap ki Duniya	0303	RAD
7200.0	0427	322	SDN	Sudan National Radio Corpn.,	Arabic	News,ID	1402	RAD
7225.0	0644	454	D	Deutsche Welle	English	Money Talks	1202	RL
7260.0	0729	454	VUT	Radio Vanuatu	English	News,Island music,ID	1202	RL
7265.0	0257	322	ASC	Voice of America	English	Daybreak Africa program	2201	RAD
7302.4	0110	343	CLN	SLBC,Colombo	Hindi	Music	1402	WB
7305.0	0300	554	CVA	Vatican Radio	English	Latin lover	1102	RL
7325.0	0154	554	AUT	Radio Austria Intl.,	English	Insight Central Europe,Postbox	2202	RL
7325.0	0029	554	LTU	Radio Vilinius	English	Democracy	1302	RL
7345.0	0404	534	CZE	Radio Prague	English	Czech Science & one on One	1102	RL
7385.0	0344	554	USA	WRMI	English	NASB Report Le Sea Broadcasting	1502	RL
7400.0	0049	434	BUL	Radio Bulgaria	English	Radio Bulgaria Calling	2102	RL
7460.0	0420	222	BOT	Voice of America	English	News Program	1602	RAD
7485.0	1452	221	UZB	Voice of Tibet via Tashkent	Tibetian	Program jammed by Chinese	1602	WB
7535.0	0733	554	USA	WSHB	English	Bible lesson	1202	RL
7580.0	1640	331	UZB	Radio Seda-ye Iran	Persian	Program jammed by Iran	1502	WB
9389.6	1415	433	PAK	Radio Pakistan,Islamabad	Russian	IS,ID,News	2502	WB

9400.0	0051	555	BUL	Radio Bulgaria	English	Time out for music	2402	RL
9415.0	0100	333	EGY	Radio Cairo	Spanish	TS,IS,ID,Hymn	1402	WB
9495.0	0240	554	CAN	Radio Sweden	English	Film World	0902	RL
9535.0	2100	333	THA	Radio Thailand	Thai	Sports Festival	2202	MF
9560.0	0209	545	CAN	Radio Korea Intl.,	English	World Wide Friendship	2202	RL
9565.0	2200	433	???	Radio Santiago du Sul	Spanish	ID and Advrts.	2702	MF
9565.0	0359	534	AFS	Channel Africa	French	Program	1102	RL
9565.1	2120	332	B	Radio Tupi, Curitiba	Portugese	Football from Portugal	2502	WB
9580.0	2230	444	GAB	Africa No. 1, via Moyabi	French	Station Jingles	2702	MF
9585.0	1330	232	D	Chan Troi Moi via Juleich	Vietnamese	New Horizon Radio	1602	WB
9590.0	0525	555	NLA	Radio Vlaanderen Intl.,	English	Flanders today	2402	RL
9615.0	2130	322	TWN	Radio Taipei Intl.,	English	News	2202	MF
9634.0	1105	222	MLI	RTM, Bamako	French	News	1702	WB
9655.0	2349	545	TUR	Voice of Turkey	English	DX Corner	2102	RL
9680.0	2358	322	BIH	International Radio of Serbis & Montenegro	Spanish	ID, Program	2402	RAD
9704.2	0346	243	ETH	Radio Ethopia	Amharic	Anns.,	1802	HSO
9755.0	1737	454	D	Swiss Radio Intl.,	English	Swiss Info WTC Insurance policy	1002	RL
9810.0	0128	333	IND	All India Radio, Panaji	Nepalese	News program	0203	RAD
9820.0	0144	554	CUB	Radio Havana	English	Dxers Unlimited	2502	RL
9860.0	2220	222	D	Evangelische Missions Gemeinden	German	Program	2101	RAD
9865.0	0144	544	CVA	Vatican Radio	English	Sunday Reflections, Love	2202	RL
9870.0	0114	434	AUT	Radio Austria Intl.,	English	Daily Report from Austria	1102	RL
9870.0	1638	544	NZL	RNZI	English	National Radio	0802	RL
9875.0	2338	534	LTU	Radio Vilinius	English	Oil Platform & Eurovision Finals music	2202	RL
9990.0	2129	554	EGY	Radio Cairo	English	Around the World	2402	RL
9930.0	1535	343	HWA	Falun Dafa Radio via KWHR Naalehu	Chinese	Program jammed by Chinese	1502	WB
9975.0	2225	554	USA	WEWN	English	Encore, Journey Home, Bob Rice	2502	RL
11650.0	2140	333	USA	WSHB, Cypress Creek	German	Mary Eddy Baker	2702	MF
11660.0	2330	544	GUF	Swiss Radio Intl.,	English	Swiss Info	1002	RL
11690.0	1729	353	JOR	Radio Jordan	English	Music Cher	2502	RL
11710.0	0200	353	ARG	RAE, Buenos Aires	English	ID Jingle fade out	2602	RL
11785.0	1830	333	UAE	R.Ndeke Luka Bangui via Al Dhabbaya	French	Music	1302	WB
11830.0	2050	232	J	NHK Radio Japan	Japanese	Discussion	2502	WB
11890.0	0657	333	CHL	Christ Vision, Santiago	Portugese	Santo Esperanza Sermon	1802	WB
11915.9	2040	232	B	Radio Gaucha, Porto Alegre	Portugese	Talks	2502	WB
13630.0	2020	222	MLI	China Radio Intl.,	English	African Wars	2402	MF
13650.0	2132	454	CAN	Radio Canada Intl.,	English	Maple Leaf Mailbag, Spotlight	2202	RL
15120.0	2105	444	CUB	Radio Habana Cuba, Bata	Spanish	IS, ID, Program	2502	WB
15190.0	1330	322	ATG	BBC World Service	English	New Classic Record	2202	MF
15190.0	1920	211	PHL	Radio Pilipinas	Tagalog	Talk, ID and sign off	0902	RAD
15295.0	1120	222	MLA	Voice of Malaysia, Kajang	Chinese	Program	1702	WB
15344.8	2100	555	ARG	RAE Buenos Aires	Italian	IS, ID and News	2502	WB
15375.2	1045	221	CHL	Christ Vision, Santiago	Spanish	Religious songs	1702	WB
15530.0	1500	222	G	Sudan Radio service via Skelton	Sudanese	ID, Guitar	1602	WB
15605.0	1626	554	FRA	Radio France Intl.,	English	Madi in France Crossroads	1002	RL
15785.0	1315	343	ISR	Galei Zahal	Hebrew	Phone in	1602	WB
17565.0	1203	333	AFS	EDC Mustaqbal via Sentech	Somali	Talks and Horn of Africa music	1002	RAD
17630.0	1805	222	GUF	Radio France Intl.,	French	US Congress	2402	MF
17680.0	1740	222	CHL	Christ Vision, Santiago	Spanish	Sermon	1702	WB
17745.0	1500	444	ARS	Call of Islam	Arabic	Prayers	2802	MF
17790.0	1600	432	UAE	WYFR	English	Living with the Bible	2802	MF
17870.0	1530	332	D	Radio Rhino Intl.,	English	Comment, Humanitarian Aid	1502	WB
17865.0	1626	454	CAN	Radio Austria Intl., via Sackville	English	Insight Central Europe, Postbox	2102	RL
21499.8	1100	433	CHL	Christ Vision, Santiago	Portugese	Female sermon, Hot Religious Music	1702	WB
21550.0	1320	221	CHL	Christ Vision, Santiago	Spanish	Hot Music	1702	WB
21705.0	1420	444	ARS	BSKSA 1	Arabic	Talks	2802	MF

Thanks a lot to our Club members for your contributions:

HSO : Horst K. Schmidt, Oberursel, Germany. KWZ 30 with Inv V.Slooper 19 metres long Q-TEK HF30 MK Dymek DA5 (MW-Ferrite)
 MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with Telescopic antenna & Frame antenna for Medium Wave logs.
 RAD : Richard A. D'Angelo, Wyomissing, USA. French Creek Dxpediton Ten-Tec RX-340, Drake R-8B with very long wires & Datong FL3
 RL : Richard Lemke, St Albert, Alberta, Canada. JRC NRD-535 HF with random long wires
 WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR 7030, SONY ICF 2010, Kenwood R-1000, Drake SPR-4 with 12 metres long wire

Dear Friends,

Welcome to the March edition. We in the Northern hemishpere keenly await the arrival of summer as also the half yearly change in broadcast frequencies of various Short Wave stations around the World during the end of this month.

Thanks to our Club members for their contributions. Keep up the good work.

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

Ashok Kumar Bose

QSL CORNER

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

Country	Station	QSL	Time	ORG	Remarks	OM
Bangladesh	Bangladesh Betar	f/d, L	16 ds	7185	v/s, Station Engineer, Mr. Ahmed Quamruzzaman.	SC
Canada	Radio Al-Mahabba	e-mail	1 day	12.025	e-mail reply from Andy Braio	RAD
Peru	Radio Virgen del Carmen	L	33 ds	4886.7	v/s, Jose Lopez Alvarado, Director	RAD
Peru	Radio Reina de la Selva	cd, L	17 ds	5486.7	v/s, Jose David Reina Nirega, Gerente General	RAD
Pirate N am	Undercover Radio	f/d cd	3 ds	6925 Usb	v/s, Dr. Benway	RAD
Pirate N am	Undercover Radio	e-mail	5 minutes	6.925	v/s, Dr. Benway	RAD
Pirate N am	Shadow Radio	e-mail	35 ds	6950 Usb	n/d e-mail from v/s, "Shadow".	RAD
Pirates	KWRN Radio Nordland (G)	QSL-e	3 hrs	6905 L	via Radio Cochiguaz e-mail	NE
Uruguay	Radio Oriental	e-mail	13 ds	9595	v/s, Dr. Pbro Jorge Techera	RAD
Zambia	Christian Voice	f/d cd	39 ds	4965	via C Voice UK Office.	SC

Thanks to our Reporter:

NE = Nicholas Eramo, Argentina

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

SC = Swopan Chakroborty, India