

BC B25 - The comprehensive shortwave broadcasting schedule

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FREQUENCY VERSION

<http://www.eibispace.de/>

Valid October 26, 2025 - March 29, 2026

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Days, if in numbers: 1-Monday etc.

For country, language and target-area codes refer to readme.txt on my website.

Last update: Nov 02, 2025

kHz	Time(UTC)	Days	ITU Station	Lang.	Target	Remarks
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16.3	0000-2400		IND VTX1 Indian Navy	SAs	v	
16.4	0000-2400		NOR JXN Noviken Sub comms	NAO		no
17	0000-2400		IND VTX2 Indian Navy	SAs	v	
18.1	0000-2400		RUS RDL Russian Navy	-CW	RUS	xx
18.2	0000-2400		IND VTX3 Indian Navy	SAs	v	
19.2	0000-2400		IND VTX4 Indian Navy	SAs	v	
19.58	0000-2400		G GBZ Anthorn	NAO		an
20.5	0741-0747		BLR RJH69 Molodechno	-TS	EEu	mo
20.5	0441-0447		KGZ RJH66 Bishkek	-TS	CAs	bk
20.5	1041-1047		KGZ RJH66 Bishkek	-TS	CAs	bk
20.5	1131-1141		RUS RJH63 Krasnodar	-TS	EEu	kd
20.5	0941-0947		RUS RJH77 Arkhangelsk	-TS	EEu	ak
20.5	0841-0847		RUS RJH99 Nizhni Novgorod	-TS	EEu	nn
23	0735-0741		BLR RJH69 Molodechno	-TS	EEu	mo
23	0435-0441		KGZ RJH66 Bishkek	-TS	CAs	bk
23	1035-1041		KGZ RJH66 Bishkek	-TS	CAs	bk
23	1126-1131		RUS RJH63 Krasnodar	-TS	EEu	kd
23	0935-0941		RUS RJH77 Arkhangelsk	-TS	EEu	ak
23	0835-0841		RUS RJH99 Nizhni Novgorod	-TS	EEu	nn
25	0700-0725		BLR RJH69 Molodechno	-TS	EEu	mo
25	0400-0425		KGZ RJH66 Bishkek	-TS	CAs	bk
25	1000-1025		KGZ RJH66 Bishkek	-TS	CAs	bk
25	1100-1120		RUS RJH63 Krasnodar	-TS	EEu	kd
25	0900-0925		RUS RJH77 Arkhangelsk	-TS	EEu	ak
25	0800-0825		RUS RJH99 Nizhni Novgorod	-TS	EEu	nn
25.1	0725-0730		BLR RJH69 Molodechno	-TS	EEu	mo
25.1	0425-0430		KGZ RJH66 Bishkek	-TS	CAs	bk
25.1	1025-1030		KGZ RJH66 Bishkek	-TS	CAs	bk
25.1	1120-1123		RUS RJH63 Krasnodar	-TS	EEu	kd
25.1	0925-0930		RUS RJH77 Arkhangelsk	-TS	EEu	ak
25.1	0825-0830		RUS RJH99 Nizhni Novgorod	-TS	EEu	nn

25.5	0730-0735	BLR RJH69 Molodechno	-TS EEU	mo
25.5	0430-0435	KGZ RJH66 Bishkek	-TS CAs	bk
25.5	1030-1035	KGZ RJH66 Bishkek	-TS CAs	bk
25.5	1123-1126	RUS RJH63 Krasnodar	-TS EEU	kd
25.5	0930-0935	RUS RJH77 Arkhangelsk	-TS EEU	ak
25.5	0830-0835	RUS RJH99 Nizhni Novgorod	-TS EEU	nn
27.3	0000-2400	RUS RDL Russian Navy	-CW EEU	/BLR-mo
37.5	0000-2400	ISL TFK US Navy Grindavik	NEU	g
40	0000-2400	J JJY (ID x15,x45)	-TS FE	o
60	0000-2400	G MSF Time from NPL	-TS EU	an
60	0000-2400	J JJY (ID x15,x45)	-TS FE	h
60	0000-2400	USA WWVB Colorado	-TS USA	ff
66.66	0000-2400	RUS RBU Time Signal	-TS EEU	t
68.5	0000-2100	CHN BPC Time Signal	-TS FE	sq
77.5	0000-2400	D DCF77 Mainflingen	-TS EU	mf
100	0000-2400	CHN BPL Time Signal	-TS FE	p
128.9	0000-2400	D EFR Teleswitch	CEU	mf
135.4	0000-2400	HNG EFR Teleswitch	CEU	lh
138.8	0000-2400	D EFR Teleswitch	CEU	bu
147.3	0000-2400	D DWD 2 Pinneberg RTTY	E EU	pi
162	1100-0700	F ALS162 Time Signals	-TS F	a
162	0700-1100	We-Mo F ALS162 Time Signals	-TS F	a
531	0450-1330	ALG R.Algiers Int.	A,F NAF	fk
531	1330-1400	ALG R.Algiers Int.	E NAF	fk
531	1400-1430	ALG R.Algiers Int.	S NAF	fk
531	1430-1600	ALG R.Algiers Int.	A NAF	fk
531	1600-1630	ALG R.Algiers Int.	F NAF	fk
531	1630-1700	ALG R.Algiers Int.	A NAF	fk
531	1700-1730	ALG R.Algiers Int.	F NAF	fk
531	1730-1900	ALG R.Algiers Int.	A NAF	fk
531	1900-1930	ALG R.Algiers Int.	E NAF	fk
531	1930-2000	ALG R.Algiers Int.	S NAF	fk
531	2000-2200	ALG R.Algiers Int.	A NAF	fk
531	2200-2300	ALG R.Algiers Int.	F NAF	fk
531	2300-2315	ALG R.Algiers Int.	E NAF	fk
531	2315-2330	ALG R.Algiers Int.	S NAF	fk
531	2330-0450	ALG R.Algiers Int.	A,F NAF	fk
549	0000-0900	CHN CNR5 Cross-Strait Radio	M TWN	pt
549	0900-1000	CHN CNR5 Cross-Strait Radio	M TWN	pt
549	1000-1705	CHN CNR5 Cross-Strait Radio	M TWN	pt
549	2055-2300	CHN CNR5 Cross-Strait Radio	M TWN	pt
549	2300-2400	CHN CNR5 Cross-Strait Radio	M TWN	pt
576	0450-1330	ALG R.Algiers Int.	A,F NAF	b
576	1330-1400	ALG R.Algiers Int.	E NAF	b
576	1400-1430	ALG R.Algiers Int.	S NAF	b
576	1430-1600	ALG R.Algiers Int.	A NAF	b
576	1600-1630	ALG R.Algiers Int.	F NAF	b
576	1630-1700	ALG R.Algiers Int.	A NAF	b

576	1700-1730	ALG R.Algiers Int.	F N Af	b
576	1730-1900	ALG R.Algiers Int.	A N Af	b
576	1900-1930	ALG R.Algiers Int.	E N Af	b
576	1930-2000	ALG R.Algiers Int.	S N Af	b
576	2000-2200	ALG R.Algiers Int.	A N Af	b
576	2200-2300	ALG R.Algiers Int.	F N Af	b
576	2300-2315	ALG R.Algiers Int.	E N Af	b
576	2315-2330	ALG R.Algiers Int.	S N Af	b
576	2330-0450	ALG R.Algiers Int.	A,F N Af	b
576	0000-2400	IRN IRIB Voice of I.R.Iran	A ME	mh
594	0030-0900	IND AIR Akashvani Ext.Sce	BE BGD	ko
594	1000-1515	IND AIR Akashvani Ext.Sce	BE BGD	ko
594	1515-1530	IND AIR Akashvani Ext.Sce	HI BGD	ko
594	1530-1545	IND AIR Akashvani Ext.Sce	E BGD	ko
594	1545-1830	IND AIR Akashvani Ext.Sce	BE BGD	ko
603	0000-0100	CHN China Radio Int.	VN SEA	d
603	0400-0600	CHN China Radio Int.	VN SEA	d
603	1100-1200	CHN China Radio Int.	CA SEA	d
603	1200-1300	CHN China Radio Int.	VN SEA	d
603	1300-1400	CHN China Radio Int.	VN SEA	d
603	1400-1500	CHN China Radio Int.	VN SEA	d
603	1500-1600	CHN China Radio Int.	VN SEA	d
603	1600-1700	CHN China Radio Int.	VN SEA	d
603	2300-2400	CHN China Radio Int.	VN SEA	d
603	1200-1300	Mo-Sa ROU Radio Bukarest	D ROU	
612	0420-1520	IRN IRIB Voice of I.R.Iran	A ME	q
612	1700-1715	Fr-Su USA Trans World Radio	KZ CAs	/KGZ
612	1700-1730	Mo-Th USA Trans World Radio	CAs	/KGZ
612	1715-1730	Fr-Su USA Trans World Radio	KG CAs	/KGZ
621	0700-0900	KRE Voice of Korea	J J	c
621	0900-1300	KRE Voice of Korea	J J	c
621	2000-2050	KRE Voice of Korea KCBS	K FE	c
621	2100-2400	KRE Voice of Korea	J J	c
630	1100-1200	ROU Radio Temeswar	D ROU	
639	0600-0700	G BBC	E ME	/CYP
639	0700-0730	G BBC	A ME	/CYP
639	1300-1400	G BBC	A ME	/CYP
639	1400-1430	Mo-Fr G BBC	A ME	/CYP
639	1400-1430	SaSu G BBC	E ME	/CYP
639	1430-1500	G BBC	E ME	/CYP
639	1500-1530	G BBC	A ME	/CYP
639	1530-1700	G BBC	E ME	/CYP
639	1700-1730	G BBC	A ME	/CYP
639	1730-1800	G BBC	E ME	/CYP
639	1800-1900	G BBC	A ME	/CYP
639	1900-1930	Mo-Fr G BBC	A ME	/CYP
639	1900-1930	SaSu G BBC	E ME	/CYP
639	0420-0520	IRN IRIB Voice of I.R.Iran	KU ME	bb

639	1320-1420	IRN IRIB Voice of I.R.Iran	KU ME	bb
639	1420-1620	IRN IRIB Voice of I.R.Iran	KU ME	bb
639	1820-1920	IRN IRIB Voice of I.R.Iran	TU ME	bb
684	0000-0100	CHN China National Radio 6	AM TWN	pt
684	0100-0200	CHN China National Radio 6	AM TWN	pt
684	0200-0500	CHN China National Radio 6	AM TWN	pt
684	0500-0600	CHN China National Radio 6	HK TWN	pt
684	0600-0900	Th-Tu CHN China National Radio 6	HK TWN	pt
684	0900-1100	CHN China National Radio 6	HK TWN	pt
684	1100-1200	CHN China National Radio 6	M TWN	pt
684	1200-1605	CHN China National Radio 6	M TWN	pt
684	2155-2400	CHN China National Radio 6	AM TWN	pt
684	0000-0100	CHN China Radio Int.	KH SEA	d
684	0400-0600	CHN China Radio Int.	VN SEA	d
684	1030-1130	CHN China Radio Int.	KH SEA	d
684	1200-1300	CHN China Radio Int.	E SEA	d
684	1300-1400	CHN China Radio Int.	VN SEA	d
684	1400-1500	CHN China Radio Int.	KH SEA	d
684	1500-1600	CHN China Radio Int.	VN SEA	d
684	1600-1700	CHN China Radio Int.	VN SEA	d
684	2300-2400	CHN China Radio Int.	KH SEA	d
690	0000-2400	B Rádio Clube do Pará	P B	be
693	1900-1930	ALG R.Algiers Int.	E NAf	r
693	1930-2000	ALG R.Algiers Int.	S NAf	r
693	2000-2200	ALG R.Algiers Int.	A NAf	r
693	2200-2300	ALG R.Algiers Int.	F NAf	r
700	0000-2400	USA WLW Cincinnati, OH	E USA	ci
702	0050-0520	IRN IRIB Voice of I.R.Iran	AZ Cau	ki
702	0520-0920	IRN IRIB Voice of I.R.Iran	TU ME	ki
702	0920-1020	IRN IRIB Voice of I.R.Iran	TAL Cau	ki
702	1420-1650	IRN IRIB Voice of I.R.Iran	AZ Cau	ki
702	1720-1820	IRN IRIB Voice of I.R.Iran	TAL Cau	ki
702	1820-1920	IRN IRIB Voice of I.R.Iran	TU ME	ki
702	1920-2020	IRN IRIB Voice of I.R.Iran	AR Cau	ki
720	0600-0630	G BBC	A ME	/CYP
720	0630-0700	G BBC	E ME	/CYP
720	0700-0730	G BBC	A ME	/CYP
720	1300-1400	G BBC	A ME	/CYP
720	1400-1430	Mo-Fr G BBC	A ME	/CYP
720	1400-1430	SaSu G BBC	E ME	/CYP
720	1430-1500	G BBC	E ME	/CYP
720	1500-1530	G BBC	A ME	/CYP
720	1530-1700	G BBC	E ME	/CYP
720	1700-1730	G BBC	A ME	/CYP
720	1730-1800	G BBC	E ME	/CYP
720	1800-1900	G BBC	A ME	/CYP
720	1900-1930	Mo-Fr G BBC	A ME	/CYP
720	1900-1930	SaSu G BBC	E ME	/CYP

720	0050-0220	IRN IRIB Voice of I.R.Iran	TJ	CAs	t	
720	0220-0320	IRN IRIB Voice of I.R.Iran	DR	AFG	t	
720	0320-1520	IRN IRIB Voice of I.R.Iran	DR	AFG	t	
720	1520-1720	IRN IRIB Voice of I.R.Iran	TJ	CAs	t	
765	0000-0900	CHN CNR5 Cross-Strait Radio	M	TWN	f	
765	0900-1000	CHN CNR5 Cross-Strait Radio	M	TWN	f	
765	1000-1705	CHN CNR5 Cross-Strait Radio	M	TWN	f	
765	2055-2300	CHN CNR5 Cross-Strait Radio	M	TWN	f	
765	2300-2400	CHN CNR5 Cross-Strait Radio	M	TWN	f	
765	0120-0220	IRN IRIB Voice of I.R.Iran	UR	SAs	c	
765	0220-1250	IRN IRIB Voice of I.R.Iran	A	ME	c	
765	1250-1420	IRN IRIB Voice of I.R.Iran	UR	SAs	c	
765	1420-1520	IRN IRIB Voice of I.R.Iran	HI	SAs	c	
765	1520-1620	IRN IRIB Voice of I.R.Iran	UR	SAs	c	
765	1620-0120	IRN IRIB Voice of I.R.Iran	A	ME	c	
783	1900-1930	ALG R.Algiers Int.	E	NAf	r	
783	1930-2000	ALG R.Algiers Int.	S	NAf	r	
783	2000-2200	ALG R.Algiers Int.	A	NAf	r	
783	2200-2300	ALG R.Algiers Int.	F	NAf	r	
800	0000-0230	USA Trans World Radio	S	CUB	/BES	
800	0230-0330	Tu-Sa USA Trans World Radio	S	CUB	/BES	
800	0830-0945	USA Trans World Radio	P	SAm	/BES	
800	0945-1000	Sa USA Trans World Radio	MX	SAm	/BES	
800	0945-1000	Su-Fr USA Trans World Radio	P	SAm	/BES	
800	1000-1130	USA Trans World Radio	S	Car	/BES	
800	2330-2400	USA Trans World Radio	E	Car	/BES	
801	0258-2100	ETH Amhara State Radio	AH	EAF	b	
837	0000-0900	CHN CNR5 Cross-Strait Radio	M	TWN	qz	
837	0900-1000	CHN CNR5 Cross-Strait Radio	M	TWN	qz	
837	1000-1705	CHN CNR5 Cross-Strait Radio	M	TWN	qz	
837	2055-2300	CHN CNR5 Cross-Strait Radio	M	TWN	qz	
837	2300-2400	CHN CNR5 Cross-Strait Radio	M	TWN	qz	
837	0253-2000	ETH Radio Oromiya	OO	EAF	r	
873	0355-0943	CHN China Huayi BC	M	TWN	f	
873	0943-1200	CHN China Huayi BC	M	TWN	f	
873	0130-0330	CLN Sri Lanka BC	TAM	SAs	p	
873	0700-0900	HNG Nemzetiségi Rádió	HR	HNG	lh	
873	0700-0900	HNG Nemzetiségi Rádió	HR	HNG	p	
873	0900-1100	HNG Nemzetiségi Rádió	D	HNG	lh	
873	0900-1100	HNG Nemzetiségi Rádió	D	HNG	p	
873	1200-1230	Sa HNG Nemzetiségi Rádió	AR	HNG	lh	
873	1200-1230	Sa HNG Nemzetiségi Rádió	AR	HNG	p	
873	1200-1230	We HNG Nemzetiségi Rádió	BU	HNG	lh	
873	1200-1230	We HNG Nemzetiségi Rádió	BU	HNG	p	
873	1200-1230	Th HNG Nemzetiségi Rádió	GR	HNG	lh	
873	1200-1230	Th HNG Nemzetiségi Rádió	GR	HNG	p	
873	1200-1230	Tu HNG Nemzetiségi Rádió	RU	HNG	lh	
873	1200-1230	Tu HNG Nemzetiségi Rádió	RU	HNG	p	

873	1200-1230 Mo	HNG Nemzetiségi Rádió	SV HNG	lh
873	1200-1230 Mo	HNG Nemzetiségi Rádió	SV HNG	p
873	1200-1230 Fr	HNG Nemzetiségi Rádió	UK HNG	lh
873	1200-1230 Fr	HNG Nemzetiségi Rádió	UK HNG	p
873	1230-1300 Sa	HNG Nemzetiségi Rádió	PO HNG	lh
873	1230-1300 Sa	HNG Nemzetiségi Rádió	PO HNG	p
873	2100-2300 irr	HNG Nemzetiségi Rádió	D HNG	lh
873	2100-2300 irr	HNG Nemzetiségi Rádió	D HNG	p
880	0000-2400	B Rádio Inconfidência	P B c	
882	0000-0015 Su	IND Trans World Radio	BNJ SAs	/CLN-p
882	0000-0015 We	IND Trans World Radio	HI SAs	/CLN-p
882	0000-0015 Fr	IND Trans World Radio	MAR SAs	/CLN-p
882	0000-0015 Tu	IND Trans World Radio	SRA SAs	/CLN-p
882	0000-0015 Th	IND Trans World Radio	TEL SAs	/CLN-p
882	0000-0030 Mo	IND Trans World Radio	MAL SAs	/CLN-p
882	0000-0030 Sa	IND Trans World Radio	OR SAs	/CLN-p
882	0015-0030 Tu	IND Trans World Radio	CHG SAs	/CLN-p
882	0015-0030 We	IND Trans World Radio	GON SAs	/CLN-p
882	0015-0030 Th	IND Trans World Radio	HI SAs	/CLN-p
882	0015-0030 Su	IND Trans World Radio	TUL SAs	/CLN-p
882	0015-0045 Fr	IND Trans World Radio	MAR SAs	/CLN-p
882	0030-0045 We	IND Trans World Radio	GM SAs	/CLN-p
882	0030-0045 Tu	IND Trans World Radio	KON SAs	/CLN-p
882	0030-0045 Th	IND Trans World Radio	KOY SAs	/CLN-p
882	0030-0045 Mo	IND Trans World Radio	KUI SAs	/CLN-p
882	0030-0100 Su	IND Trans World Radio	GU SAs	/CLN-p
882	0030-0100 Sa	IND Trans World Radio	OR SAs	/CLN-p
882	0045-0100 Mo-Fr	IND Trans World Radio	E SAs	/CLN-p
882	1445-1500 Fr-Sa	IND Trans World Radio	E SAs	/CLN-p
882	1445-1500 Th	IND Trans World Radio	OR SAs	/CLN-p
882	1445-1500 Su-Tu	IND Trans World Radio	TAM SAs	/CLN-p
882	1445-1500 We	IND Trans World Radio	TEL SAs	/CLN-p
882	1500-1545	IND Trans World Radio	E SAs	/CLN-p
891	0450-1330	ALG R.Algiers Int.	A,F NAf	of
891	1330-1400	ALG R.Algiers Int.	E NAf	of
891	1400-1430	ALG R.Algiers Int.	S NAf	of
891	1430-1600	ALG R.Algiers Int.	A NAf	of
891	1600-1630	ALG R.Algiers Int.	F NAf	of
891	1630-1700	ALG R.Algiers Int.	A NAf	of
891	1700-1730	ALG R.Algiers Int.	F NAf	of
891	1730-1900	ALG R.Algiers Int.	A NAf	of
891	1900-1930	ALG R.Algiers Int.	E NAf	of
891	1930-2000	ALG R.Algiers Int.	S NAf	of
891	2000-2200	ALG R.Algiers Int.	A NAf	of
891	2200-2300	ALG R.Algiers Int.	F NAf	of
891	2300-2315	ALG R.Algiers Int.	E NAf	of
891	2315-2330	ALG R.Algiers Int.	S NAf	of
891	2330-0450	ALG R.Algiers Int.	A,F NAf	of

900	0200-0300	CHN China Radio Int.	BR	SEA	de
900	0700-0800	CHN China Radio Int.	BR	SEA	de
900	1400-1500	CHN China Radio Int.	BR	SEA	de
909	1200-1300	Mo-Sa ROU Radio Bukarest	D	ROU	
927	1900-1930	ALG R.Algiers Int.	E	NAf	tm
927	1930-2000	ALG R.Algiers Int.	S	NAf	tm
927	2000-2200	ALG R.Algiers Int.	A	NAf	tm
927	2200-2300	ALG R.Algiers Int.	F	NAf	tm
963	1100-1200	CHN China Radio Int.	R	FE	hd
963	1200-1300	CHN China Radio Int.	R	FE	hd
963	1300-1400	CHN China Radio Int.	R	FE	hd
963	1400-1500	CHN China Radio Int.	R	FE	hd
963	1500-1600	CHN China Radio Int.	R	FE	hd
963	0500-0903	TUN Radio Tunis Chaîne Int.	F	TUN	
963	0903-1000	TUN Radio Tunis Chaîne Int.	D	TUN	
963	1000-1303	TUN Radio Tunis Chaîne Int.	F	TUN	
963	1303-1400	TUN Radio Tunis Chaîne Int.	E	TUN	
963	1400-1403	TUN Radio Tunis Chaîne Int.	F	TUN	
963	1403-1500	TUN Radio Tunis Chaîne Int.	I	TUN	
963	1500-1817	TUN Radio Tunis Chaîne Int.	F	TUN	
963	1817-1900	TUN Radio Tunis Chaîne Int.	D	TUN	
963	1903-2000	TUN Radio Tunis Chaîne Int.	S	TUN	
963	2000-0100	TUN Radio Tunis Chaîne Int.	F	TUN	
972	0350-1400	KOR KBS Hanminjok	K	FE	d
972	1400-2400	KOR KBS Hanminjok	K	FE	d
980	0150-0155	B Rádio Nacional Amazônia	E	B	b
980	0155-0200	B Rádio Nacional Amazônia	S	B	b
980	0750-0207	B Rádio Nacional Amazônia	P	B	b
999	1500-0100	RUS Radio Rossii	R	EEu	/MDA
1010	0000-2400	CAN CFRX Toronto, CFRB 1010	E	NAm	t
1017	1000-1100	CHN China National Radio 8	K	CHN	cc
1017	1100-1300	CHN China Radio Int.	K	FE	cc
1017	1300-1400	CHN China Radio Int.	K	FE	cc
1017	1400-1500	CHN China Radio Int.	K	FE	cc
1017	1500-1600	CHN China Radio Int.	K	FE	cc
1017	2100-2300	CHN China Radio Int.	K	FE	cc
1035	0253-2000	ETH Radio Oromiya	OO	EAF	ad
1044	1100-1300	CHN China Radio Int.	J	FE	ch
1044	1300-1400	CHN China Radio Int.	J	FE	ch
1044	1400-1500	CHN China Radio Int.	J	FE	ch
1044	1500-1600	CHN China Radio Int.	J	FE	ch
1053	0253-2000	ETH Radio Oromiya	OO	EAF	n
1060	1200-2200	MEX Radio Educación	S	CAm	e
1060	2200-1200	MEX Radio Educación	S	CAm	e
1071	0100-0130	IND AIR Akashvani Ext.Sce	SD	PAK	j
1071	0400-0745	IND AIR Akashvani Ext.Sce	UR	PAK	j
1071	0930-1130	IND AIR Akashvani Ext.Sce	UR	PAK	j
1071	1130-1200	IND AIR Akashvani Ext.Sce	SIR	PAK	j

1071	1200-1330	IND AIR Akashvani Ext.Sce	PJ PAK	j
1071	1545-1930	IND AIR Akashvani Ext.Sce	UR PAK	j
1071	2330-0100	IND AIR Akashvani Ext.Sce	PJ PAK	j
1071	0400-0430	VTN Voice of Vietnam	E SEA	pd
1071	1000-1030	VTN Voice of Vietnam	E SEA	pd
1071	0430-0500	VTN Voice of Vietnam	M SEA	pd
1071	1030-1100	VTN Voice of Vietnam	M SEA	pd
1071	2145-1700	VTN Voice of Vietnam 1	VN SEA	pd
1080	1130-1230	CHN China Radio Int.	T SEA	xw
1080	1230-1330	CHN China Radio Int.	LAO SEA	xw
1080	1330-1430	CHN China Radio Int.	T SEA	xw
1080	1430-1530	CHN China Radio Int.	LAO SEA	xw
1080	1600-1700	CHN China Radio Int.	E SEA	xw
1080	1700-1800	CHN China Radio Int.	E SEA	xw
1080	0255-2101	ETH Fana Broadcasting Corp.	AH EAf	a
1089	1900-1930	ALG R.Algiers Int.	E NAF	ad
1089	1930-2000	ALG R.Algiers Int.	S NAF	ad
1089	2000-2200	ALG R.Algiers Int.	A NAF	ad
1089	2200-2300	ALG R.Algiers Int.	F NAF	ad
1089	0000-0100	CHN China National Radio 6	AM TWN	f
1089	0100-0200	CHN China National Radio 6	AM TWN	f
1089	0200-0500	CHN China National Radio 6	AM TWN	f
1089	0500-0600	CHN China National Radio 6	HK TWN	f
1089	0600-0900	Th-Tu CHN China National Radio 6	HK TWN	f
1089	0900-1100	CHN China National Radio 6	HK TWN	f
1089	1100-1200	CHN China National Radio 6	M TWN	f
1089	1200-1605	CHN China National Radio 6	M TWN	f
1089	2155-2400	CHN China National Radio 6	AM TWN	f
1089	1145-1300	RUS Radio Rossii	R EEU	a
1098	0120-0220	IRN IRIB Voice of I.R.Iran	UR SAs	zb
1098	0220-0320	IRN IRIB Voice of I.R.Iran	PS AFG	zb
1098	0320-1520	IRN IRIB Voice of I.R.Iran	DR AFG	zb
1098	1650-1750	IRN IRIB Voice of I.R.Iran	PS AFG	zb
1098	1200-1300	TWN Radio Taiwan Int.	AM SEA	k
1098	1300-1400	TWN Radio Taiwan Int.	M SEA	k
1098	1400-1500	TWN Radio Taiwan Int.	M SEA	k
1098	1500-1600	TWN Radio Taiwan Int.	M SEA	k
1098	1600-1700	TWN Radio Taiwan Int.	M SEA	k
1116	1000-1705	CHN CNR5 Cross-Strait Radio	M TWN	sw
1116	2055-2200	CHN CNR5 Cross-Strait Radio	M TWN	sw
1134	0600-0850	We-Mo CHN China National Radio 1	M CHN	q
1134	0850-1805	CHN China National Radio 1	M CHN	q
1134	2023-0600	CHN China National Radio 1	M CHN	q
1160	0000-2400	USA KSL Salt Lake City, UT	E USA	ks
1161	1900-1930	ALG R.Algiers Int.	E NAF	s
1161	1930-2000	ALG R.Algiers Int.	S NAF	s
1161	2000-2200	ALG R.Algiers Int.	A NAF	s
1161	2200-2300	ALG R.Algiers Int.	F NAF	s

1161	0130-0420	IRN IRIB Voice of I.R.Iran	A	ME	q
1161	1520-2020	IRN IRIB Voice of I.R.Iran	A	ME	q
1170	0000-0350	KOR KBS Hanminjok	K	FE	k
1170	0950-1000	KOR KBS Hanminjok	K	FE	k
1170	1400-2400	KOR KBS Hanminjok	K	FE	k
1170	1000-1100	KOR KBS World Radio	K	FE	k
1170	1100-1200	KOR KBS World Radio	J	FE	k
1170	1200-1300	KOR KBS World Radio	R	FE	k
1170	1300-1400	KOR KBS World Radio	M	FE	k
1170	1800-1815 Su	SWZ Trans World Radio	SHO	SAf	
1170	1800-1830 Mo-Fr	SWZ Trans World Radio	SHO	SAf	
1170	1800-1900 Sa	SWZ Trans World Radio	E	SAf	
1170	1815-1932 Su	SWZ Trans World Radio	Z	SAf	
1170	1830-1921 Mo-Fr	SWZ Trans World Radio	E	SAf	
1170	1921-1951 Mo-Fr	SWZ Trans World Radio	Z	SAf	
1170	1951-2051 Mo-Fr	SWZ Trans World Radio	E	SAf	
1188	1100-1200	CHN China Radio Int.	BR	SEA	k
1188	1200-1300	CHN China Radio Int.	E	SAs	k
1188	1300-1400	CHN China Radio Int.	BE	SAs	k
1188	1400-1500	CHN China Radio Int.	NE	SAs	k
1188	1500-1600	CHN China Radio Int.	E	SAs	k
1188	1600-1700	CHN China Radio Int.	HI	SAs	k
1188	0700-0900	HNG Nemzetiségi Rádió	HR	HNG	m
1188	0700-0900	HNG Nemzetiségi Rádió	HR	HNG	sz
1188	0900-1100	HNG Nemzetiségi Rádió	D	HNG	m
1188	0900-1100	HNG Nemzetiségi Rádió	D	HNG	sz
1188	1200-1230 Sa	HNG Nemzetiségi Rádió	AR	HNG	m
1188	1200-1230 Sa	HNG Nemzetiségi Rádió	AR	HNG	sz
1188	1200-1230 We	HNG Nemzetiségi Rádió	BU	HNG	m
1188	1200-1230 We	HNG Nemzetiségi Rádió	BU	HNG	sz
1188	1200-1230 Th	HNG Nemzetiségi Rádió	GR	HNG	m
1188	1200-1230 Th	HNG Nemzetiségi Rádió	GR	HNG	sz
1188	1200-1230 Tu	HNG Nemzetiségi Rádió	RU	HNG	m
1188	1200-1230 Tu	HNG Nemzetiségi Rádió	RU	HNG	sz
1188	1200-1230 Mo	HNG Nemzetiségi Rádió	SV	HNG	m
1188	1200-1230 Mo	HNG Nemzetiségi Rádió	SV	HNG	sz
1188	1200-1230 Fr	HNG Nemzetiségi Rádió	UK	HNG	m
1188	1200-1230 Fr	HNG Nemzetiségi Rádió	UK	HNG	sz
1188	1230-1300 Sa	HNG Nemzetiségi Rádió	PO	HNG	m
1188	1230-1300 Sa	HNG Nemzetiségi Rádió	PO	HNG	sz
1188	2100-2300 irr	HNG Nemzetiségi Rádió	D	HNG	m
1188	2100-2300 irr	HNG Nemzetiségi Rádió	D	HNG	sz
1188	0000-2400	PHL FEBC Manila	K	FE	/KOR-db
1197	1200-1300 Mo-Sa	ROU Radio Bukarest	D	ROU	
1197	1900-2000 Mo-Sa	ROU Radio Neumarkt	D	ROU	
1215	0000-0100	CHN CNR 7 Greater Bay Area	CA	CHN	zh
1215	0100-1100	CHN CNR 7 Greater Bay Area	CA	CHN	zh
1215	1100-1805	CHN CNR 7 Greater Bay Area	CA	CHN	zh

1215	2055-2400	CHN CNR 7 Greater Bay Area	CA CHN	zh
1224	0000-2400	IRN IRIB Voice of I.R.Iran	A ME	ke
1242	1300-1400	VTN Voice of Vietnam	LAO SEA	t
1242	1400-1430	VTN Voice of Vietnam	KH SEA	t
1242	1430-1500	VTN Voice of Vietnam	T SEA	t
1242	1500-1600	VTN Voice of Vietnam	VN SEA	t
1251	1630-1650	J NHK Radio Japan	FS IRN	/TJK-y
1251	1700-1720	J NHK Radio Japan	UR SAs	/TJK-y
1269	1100-1200	CHN China Radio Int.	E SEA	xw
1269	1200-1300	CHN China Radio Int.	E SEA	xw
1269	1300-1400	CHN China Radio Int.	HI SAs	xw
1269	1400-1500	CHN China Radio Int.	BE SAs	xw
1269	1600-1700	CHN China Radio Int.	HI SAs	xw
1269	1700-1800	CHN China Radio Int.	HI SAs	xw
1296	1100-1200	CHN China Radio Int.	VN SEA	k
1296	1200-1300	CHN China Radio Int.	VN SEA	k
1296	1300-1400	CHN China Radio Int.	VN SEA	k
1296	1400-1500	CHN China Radio Int.	VN SEA	k
1296	1500-1600	CHN China Radio Int.	VN SEA	k
1296	1600-1700	CHN China Radio Int.	VN SEA	k
1314	1200-1300	Mo-Sa ROU Radio Bukarest	D ROU	
1323	1100-1200	CHN China Radio Int.	R FE	hu
1323	1100-1200	CHN China Radio Int.	R FE	sy
1323	1100-1300	CHN China Radio Int.	K FE	hd
1323	1200-1300	CHN China Radio Int.	MO FE	hu
1323	1200-1300	CHN China Radio Int.	R FE	sy
1323	1300-1400	CHN China Radio Int.	K FE	hd
1323	1300-1400	CHN China Radio Int.	R FE	hu
1323	1300-1400	CHN China Radio Int.	R FE	sy
1323	1400-1500	CHN China Radio Int.	K FE	hd
1323	1400-1500	CHN China Radio Int.	R FE	hu
1323	1400-1500	CHN China Radio Int.	R FE	sy
1323	1500-1600	CHN China Radio Int.	E SAs	hu
1323	1500-1600	CHN China Radio Int.	K FE	hd
1323	1500-1600	CHN China Radio Int.	R FE	sy
1323	1600-1700	CHN China Radio Int.	E SAs	hu
1323	1700-1800	CHN China Radio Int.	E SAs	hu
1323	2100-2300	CHN China Radio Int.	K FE	hd
1323	1900-2310	I IRRS Milano	E CEu	p
1323	0050-0520	IRN IRIB Voice of I.R.Iran	AZ ME	j
1323	0520-0920	IRN IRIB Voice of I.R.Iran	AZ ME	j
1323	1420-1650	IRN IRIB Voice of I.R.Iran	AZ ME	j
1323	1200-1300	Mo-Sa ROU Radio Bukarest	D ROU	
1323	1900-2000	Mo-Sa ROU Radio Neumarkt	D ROU	
1341	1130-1200	CHN China Radio Int.	TAG SEA	gz
1341	1200-1300	CHN China Radio Int.	E SEA	gz
1341	1300-1400	CHN China Radio Int.	E SEA	gz
1341	1430-1500	CHN China Radio Int.	TAG SEA	gz

1350	0700-0900	HNG Nemzetiségi Rádió	HR HNG	g	
1350	0900-1100	HNG Nemzetiségi Rádió	D HNG	g	
1350	1200-1230 Sa	HNG Nemzetiségi Rádió	AR HNG	g	
1350	1200-1230 We	HNG Nemzetiségi Rádió	BU HNG	g	
1350	1200-1230 Th	HNG Nemzetiségi Rádió	GR HNG	g	
1350	1200-1230 Tu	HNG Nemzetiségi Rádió	RU HNG	g	
1350	1200-1230 Mo	HNG Nemzetiségi Rádió	SV HNG	g	
1350	1200-1230 Fr	HNG Nemzetiségi Rádió	UK HNG	g	
1350	1230-1300 Sa	HNG Nemzetiségi Rádió	PO HNG	g	
1350	2100-2300 irr	HNG Nemzetiségi Rádió	D HNG	g	
1377	0600-0850 We-Mo	CHN China National Radio 1	M WNW	xy	
1377	0850-1805	CHN China National Radio 1	M WNW	xy	
1377	2023-0600	CHN China National Radio 1	M WNW	xy	
1377	0000-0030	CHN China National Radio 1	M CHN	t	
1377	2230-2300	CHN China National Radio 1	M CHN	t	
1377	0030-0300	CHN Xizang RTV	M CHN	t	
1377	0300-0600	CHN Xizang RTV	M CHN	t	
1377	0600-0900 We-Mo	CHN Xizang RTV	M CHN	t	
1377	0900-1000 We-Mo	CHN Xizang RTV	M CHN	t	
1377	1000-1800	CHN Xizang RTV	M CHN	t	
1377	2000-2100 We-Mo	CHN Xizang RTV	M CHN	t	
1377	2100-2230	CHN Xizang RTV	M CHN	t	
1377	2300-2400	CHN Xizang RTV	M CHN	t	
1377	1710-1725	USA Trans World Radio	TK CAs	/ARM	
1377	1725-1740	USA Trans World Radio	KZ CAs	/ARM	
1377	1740-1755	USA Trans World Radio	KPK CAs	/ARM	
1377	1800-1930	USA Trans World Radio	FS IRN	/ARM	
1377	2030-2145	USA Trans World Radio	UK UKR	/ARM	
1386	1830-1900	G BBC	R EEu	/LTU-v	
1386	1900-2000	G BBC	E EEu	/LTU-v	
1386	2000-2030	G BBC	R EEu	/LTU-v	
1386	2030-2100	G BBC	E EEu	/LTU-v	
1386	0330-0350	J NHK Radio Japan	R EEu	/LTU-v	
1386	1500-1515 Mo-Fr	J NHK Radio Japan	R EEu	/LTU-v	
1386	1500-1520 SaSu	J NHK Radio Japan	R EEu	/LTU-v	
1386	1730-1750	J NHK Radio Japan	R EEu	/LTU-v	
1386	0400-0500	POL Polskie Radio	BY BLR	/LTU-v	
1386	0500-0530	POL Polskie Radio	UK BLR	/LTU-v	
1386	1300-1400	POL Polskie Radio	E EEu	/LTU-v	
1386	1600-1630	POL Polskie Radio	R BLR	/LTU-v	
1386	1630-1700	POL Polskie Radio	PO BLR	/LTU-v	
1386	1700-1730	POL Polskie Radio	D EEu	/LTU-v	
1386	0200-0208 2356	UKR Ukrainian Radio	BY EEu	/LTU-v	
1386	2100-2128	UKR Ukrainian Radio	RO EEu	/LTU-v	
1386	2128-0330	UKR Ukrainian Radio	UK EEu	/LTU-v	
1386	2200-2208 Mo-Th	UKR Ukrainian Radio	BU EEu	/LTU-v	
1386	2300-2308 Mo-Fr	UKR Ukrainian Radio	SK EEu	/LTU-v	
1386	0530-0830	USA Radio Liberty	R EEu	/LTU-v	

1395	1420-1820	IRN IRIB Voice of I.R.Iran	TK CAs	g
1395	1800-1820	J NHK Radio Japan	FS IRN	/ARM
1413	0030-0100	G BBC	DR AFG	/OMA-a
1413	0100-0200	G BBC	E SAs	/OMA-a
1413	0200-0230	G BBC	E SAs	/OMA-a
1413	0230-0300	G BBC	E ME	/OMA-a
1413	0300-0400	G BBC	E ME	/OMA-a
1413	0400-0500	G BBC	E ME	/OMA-a
1413	1300-1400	G BBC	E SAs	/OMA-a
1413	1400-1500	G BBC	E SAs	/OMA-a
1413	1500-1600	G BBC	E SAs	/OMA-a
1413	1600-1700	G BBC	E ME	/OMA-a
1413	1700-1800	G BBC	E SAs	/OMA-a
1413	1800-1900	G BBC	PS AFG	/OMA-a
1413	1900-2000	G BBC	E ME	/OMA-a
1413	2000-2100	G BBC	E ME	/OMA-a
1413	1700-2100	RUS Vesti FM	R EEU	/MDA
1422	0700-0800	CHN China National Radio 1	M CHN	ka
1422	0900-1100	CHN China National Radio 1	M CHN	ka
1422	1300-1400	CHN China Radio Int.	HI SAs	ka
1422	1400-1500	CHN China Radio Int.	UR SAs	ka
1422	1500-1600	CHN China Radio Int.	UR SAs	ka
1422	1600-1700	CHN China Radio Int.	HI SAs	ka
1422	0100-0200 Fr	TWN Radio Taiwan Int.	IN FE	m
1422	0100-0200 Th	TWN Radio Taiwan Int.	T FE	m
1422	0100-0200 We	TWN Radio Taiwan Int.	VN FE	m
1422	1200-1300 Th	TWN Radio Taiwan Int.	IN FE	m
1422	1200-1300 We	TWN Radio Taiwan Int.	T FE	m
1422	1200-1300 Tu	TWN Radio Taiwan Int.	VN FE	m
1449	1420-1820	IRN IRIB Voice of I.R.Iran	TK CAs	b
1467	1330-1400 Su	IND Trans World Radio	KS SAs	/KGZ
1467	1330-1400 Mo-Sa	IND Trans World Radio	UR SAs	/KGZ
1467	1400-1415 Sa	IND Trans World Radio	KNG SAs	/KGZ
1467	1400-1430 Su	IND Trans World Radio	HZ SAs	/KGZ
1467	1400-1430 Th	IND Trans World Radio	PS SAs	/KGZ
1467	1400-1430 Mo-We	IND Trans World Radio	UR SAs	/KGZ
1467	1415-1430 Sa	IND Trans World Radio	SIR SAs	/KGZ
1467	1430-1445 Th-Sa	IND Trans World Radio	HZ SAs	/KGZ
1467	1430-1445 Tu	IND Trans World Radio	PJ SAs	/KGZ
1467	1430-1445 We	IND Trans World Radio	SD SAs	/KGZ
1467	1430-1445 Su-Mo	IND Trans World Radio	UR SAs	/KGZ
1467	1445-1500	IND Trans World Radio	UR SAs	/KGZ
1467	1500-1530	IND Trans World Radio	DR AFG	/KGZ
1467	1530-1545 Tu,Th	IND Trans World Radio	DR AFG	/KGZ
1467	1530-1545 13567	IND Trans World Radio	PS AFG	/KGZ
1467	1545-1630	IND Trans World Radio	PS AFG	/KGZ
1467	1645-1730 Su	IND Trans World Radio	DR AFG	/KGZ
1467	1710-1730 Mo	IND Trans World Radio	DR AFG	/KGZ

1476	0419-0530	Mo-Fr SWZ Trans World Radio	HA	NIG	/BEN-p
1476	0530-0646	Mo-Fr SWZ Trans World Radio	IG	NIG	/BEN-p
1476	1755-1826	Mo-Fr SWZ Trans World Radio	E	NIG	/BEN-p
1476	1826-1911	SWZ Trans World Radio	E	NIG	/BEN-p
1476	1911-1921	Su SWZ Trans World Radio	HA	NIG	/BEN-p
1476	1911-1931	Sa SWZ Trans World Radio	E	NIG	/BEN-p
1476	1911-1935	Mo-Fr SWZ Trans World Radio	E	NIG	/BEN-p
1476	1926-1942	Su SWZ Trans World Radio	KNU	NIG	/BEN-p
1476	1932-1940	Sa SWZ Trans World Radio	YO	NIG	/BEN-p
1476	1937-2010	Mo-Fr SWZ Trans World Radio	YO	NIG	/BEN-p
1476	1941-1957	Sa SWZ Trans World Radio	KNU	NIG	/BEN-p
1476	1943-2014	Su SWZ Trans World Radio	FU	Waf	/BEN-p
1476	2012-2027	Mo SWZ Trans World Radio	FU	Waf	/BEN-p
1521	0000-0100	CHN China Radio Int.	R	Sib	hu
1521	0100-0200	CHN China Radio Int.	R	CAs	hu
1521	1100-1200	CHN China Radio Int.	R	CAs	hu
1521	1200-1300	CHN China Radio Int.	R	CAs	hu
1521	1300-1400	CHN China Radio Int.	R	CAs	hu
1521	1400-1500	CHN China Radio Int.	R	CAs	hu
1521	1500-1600	CHN China Radio Int.	R	CAs	hu
1521	1600-1700	CHN China Radio Int.	R	CAs	hu
1521	1700-1800	CHN China Radio Int.	R	CAs	hu
1521	1800-1900	CHN China Radio Int.	R	CAs	hu
1521	1900-2000	CHN China Radio Int.	R	CAs	hu
1530	0000-2400	CLM Alcaravan Radio	S	SAm	pl
1557	0900-1700	CHN CNR1 DIGITAL	M	FE	zn
1557	1100-1200	KOR KBS World Radio	M	FE	/TWN-k
1557	0800-0900	TWN Radio Taiwan Int.	VN	SEA	k
1557	0900-1000	TWN Radio Taiwan Int.	M	FE	k
1557	1000-1100	TWN Radio Taiwan Int.	M	FE	k
1557	1200-1300	TWN Radio Taiwan Int.	M	FE	k
1557	1300-1400	TWN Radio Taiwan Int.	M	FE	k
1557	1400-1500	TWN Radio Taiwan Int.	M	FE	k
1557	1500-1600	TWN Radio Taiwan Int.	M	FE	k
1557	1600-1700	TWN Radio Taiwan Int.	M	FE	k
1557	2300-2400	TWN Radio Taiwan Int.	VN	SEA	k
1566	1100-1230	CHN Chinese Jammer	M	FE	ya
1566	1345-1600	CHN Chinese Jammer	M	FE	ya
1566	1830-1900	CHN Chinese Jammer	M	FE	ya
1566	1100-1230	HKG FEBC Radio Liangyou	M	CHN	/KOR-j
1566	1345-1630	HKG FEBC Radio Liangyou	M	CHN	/KOR-j
1566	1230-1345	PHL FEBC Manila	J	J	/KOR-j
1566	1630-1700	PHL FEBC Manila	R	FE	/KOR-j
1566	1700-1000	PHL FEBC Manila	K	FE	/KOR-j
1566	1916-1946	Mo-Fr SWZ Trans World Radio	TWI	Waf	/BEN-p
1566	1946-1955	Mo-Fr SWZ Trans World Radio	-MX	Waf	/BEN-p
1566	1955-2010	Mo SWZ Trans World Radio	DEN	Waf	/BEN-p
1566	1955-2010	Sa SWZ Trans World Radio	DIT	Waf	/BEN-p

1566	1955-2010 We	SWZ Trans World Radio	F WAf	/BEN-p
1566	1955-2010 Su	SWZ Trans World Radio	LOK WAf	/BEN-p
1566	1955-2025 Th	SWZ Trans World Radio	BM WAf	/BEN-p
1566	1955-2025 Fr	SWZ Trans World Radio	KIS WAf	/BEN-p
1566	1955-2025 Tu	SWZ Trans World Radio	SFO WAf	/BEN-p
1566	2010-2025 Sa	SWZ Trans World Radio	DY WAf	/BEN-p
1566	2010-2025 Mo	SWZ Trans World Radio	FON WAf	/BEN-p
1566	2010-2025 We	SWZ Trans World Radio	SFO WAf	/BEN-p
1566	2010-2025 Su	SWZ Trans World Radio	TWI WAf	/BEN-p
1566	2025-2040 Su	SWZ Trans World Radio	DEN WAf	/BEN-p
1566	2025-2040 Sa	SWZ Trans World Radio	TMJ WAf	/BEN-p
1566	2025-2055 Mo-Fr	SWZ Trans World Radio	FON WAf	/BEN-p
1566	2040-2055 Su	SWZ Trans World Radio	BRB WAf	/BEN-p
1566	2040-2125 Sa	SWZ Trans World Radio	BM WAf	/BEN-p
1566	2055-2110 Th	SWZ Trans World Radio	BRB WAf	/BEN-p
1566	2055-2110 Mo	SWZ Trans World Radio	DEN WAf	/BEN-p
1566	2055-2110 Tu-We	SWZ Trans World Radio	FON WAf	/BEN-p
1566	2055-2110 Fr	SWZ Trans World Radio	ZA WAf	/BEN-p
1566	2055-2135 Su	SWZ Trans World Radio	BM WAf	/BEN-p
1566	2110-2140 Mo-Fr	SWZ Trans World Radio	BAO WAf	/BEN-p
1566	2125-2140 Sa	SWZ Trans World Radio	MNA WAf	/BEN-p
1566	2135-2210 Su	SWZ Trans World Radio	F WAf	/BEN-p
1566	2140-2155 Mo-Fr	SWZ Trans World Radio	W Af	/BEN-p
1566	2155-2210 Tu	SWZ Trans World Radio	BAO WAf	/BEN-p
1566	2155-2210 Mo	SWZ Trans World Radio	BET WAf	/BEN-p
1566	2155-2210 Th	SWZ Trans World Radio	FU WAf	/BEN-p
1566	2155-2210 We	SWZ Trans World Radio	GUN WAf	/BEN-p
1566	2155-2210 Fr	SWZ Trans World Radio	ZA WAf	/BEN-p
1566	2210-2240 Mo-Fr	SWZ Trans World Radio	F WAf	/BEN-p
1593	1200-1300 Mo-Sa	ROU Radio Bukarest	D ROU	
1593	1900-2000 Mo-Sa	ROU Radio Neumarkt	D ROU	
1602	0000-1900 1.Sa	FIN Scandinavian Weekend R.	FI FIN	v
1602	1900-2200 1.Sa	FIN Scandinavian Weekend R.	FI FIN	v
1602	2200-2400 1.Fr	FIN Scandinavian Weekend R.	FI FIN	v
1611	0000-2400 irr	AUS Station X / Radio 567	E AUS	ww
1620	0000-2400	CUB Radio Rebelde	S Car	
1624.5	0000-2400	FRO OXJ Tórshavn Radio	-TY NEu	t
1635	0233-0248	NOR Telenor Kystradio North	NO NEu	hf
1635	0633-0648	NOR Telenor Kystradio North	NO NEu	hf
1635	1033-1048	NOR Telenor Kystradio North	NO NEu	hf
1635	1203-1218	NOR Telenor Kystradio North	E NEu	hf
1635	1433-1448	NOR Telenor Kystradio North	NO NEu	hf
1635	1833-1848	NOR Telenor Kystradio North	NO NEu	hf
1635	2233-2248	NOR Telenor Kystradio North	NO NEu	hf
1635	2303-2318	NOR Telenor Kystradio North	E NEu	hf
1638	0037-0047	GRL OYR Aasiaat Radio	E GRL	pa
1638	0337-0347	GRL OYR Aasiaat Radio	E GRL	pa
1638	0637-0647	GRL OYR Aasiaat Radio	E GRL	pa

1638	0937-0947	GRL OYR Aasiaat Radio	E	GRL	pa
1638	1237-1247	GRL OYR Aasiaat Radio	E	GRL	pa
1638	1537-1547	GRL OYR Aasiaat Radio	E	GRL	pa
1638	1837-1847	GRL OYR Aasiaat Radio	E	GRL	pa
1638	2137-2147	GRL OYR Aasiaat Radio	E	GRL	pa
1641	0000-2400	FRO OXJ Tórshavn Radio	E	NEu	t
1641	1034-1050	FRO OXJ Tórshavn Radio	E	NEu	t
1641	2234-2250	FRO OXJ Tórshavn Radio	E	NEu	t
1644	0000-2400	CNR Arrecife Radio	S	NAO	pr
1644	0633-0648	CNR Arrecife Radio	S	NAO	pr
1644	1040-1055	CNR Arrecife Radio	S	NAO	pr
1644	1603-1618	CNR Arrecife Radio	S	NAO	pr
1644	2034-2049	CNR Arrecife Radio	E,S	NAO	pr
1644	2110-2125	CNR Arrecife Radio	S	NAO	pr
1644	2235-2250	CNR Las Palmas Radio	S	NAO	pr
1650	0533-0543	EST Tallinn Radio	E	NEu	ta
1650	1433-1443	EST Tallinn Radio	E	NEu	ta
1650	0000-0015	F CROSS Corsen Radio Wx	F	WEu	oe
1650	0503-0518	F CROSS Corsen Radio Wx	F	WEu	oe
1650	0600-0615	F CROSS Corsen Radio Wx	F	WEu	oe
1650	0635-0645	F CROSS Corsen Radio Wx	F	WEu	oe
1650	0715-0730	F CROSS Corsen Radio Wx	F	WEu	oe
1650	1835-1845	F CROSS Corsen Radio Wx	F	WEu	oe
1650	1915-1930	F CROSS Corsen Radio Wx	F	WEu	oe
1650	2000-2015	F CROSS Corsen Radio Wx	F	WEu	oe
1650	2300-2315	F CROSS Corsen Radio Wx	F	WEu	oe
1650	0000-2400	ISL Reykjavik Radio TFA	IS	NAO	rs
1656	0000-2400	E Valencia Radio	S	SEu	hv
1656	0233-0248	E Valencia Radio	S	SEu	hv
1656	0840-0855	E Valencia Radio	S	SEu	hv
1656	0903-0918	E Valencia Radio	S	SEu	hv
1656	1503-1518	E Valencia Radio	S	SEu	hv
1656	2003-2018	E Valencia Radio	S	SEu	hv
1656	2135-2141	E Valencia Radio	S	SEu	hv
1656	2303-2318	E Valencia Radio	S	SEu	hv
1659	0205-0220	ISL Reykjavik Radio	E	NAO	hf
1659	0505-0520	ISL Reykjavik Radio	E	NAO	hf
1659	0805-0820	ISL Reykjavik Radio	E	NAO	hf
1659	1105-1120	ISL Reykjavik Radio	E	NAO	hf
1659	1405-1420	ISL Reykjavik Radio	E	NAO	hf
1659	1705-1720	ISL Reykjavik Radio	E	NAO	hf
1659	2005-2020	ISL Reykjavik Radio	E	NAO	hf
1659	2305-2320	ISL Reykjavik Radio	E	NAO	hf
1659	0233-0248	NOR Telenor Kystradio North	NO	NEu	at
1659	0633-0648	NOR Telenor Kystradio North	NO	NEu	at
1659	1033-1048	NOR Telenor Kystradio North	NO	NEu	at
1659	1203-1218	NOR Telenor Kystradio North	E	NEu	at
1659	1433-1448	NOR Telenor Kystradio North	NO	NEu	at

1659	1833-1848	NOR Telenor Kystradio North	NO	NEu	at
1659	2233-2248	NOR Telenor Kystradio North	NO	NEu	at
1659	2303-2318	NOR Telenor Kystradio North	E	NEu	at
1665	0037-0047	GRL OYR Aasiaat Radio	E	GRL	uu
1665	0337-0347	GRL OYR Aasiaat Radio	E	GRL	uu
1665	0637-0647	GRL OYR Aasiaat Radio	E	GRL	uu
1665	0937-0947	GRL OYR Aasiaat Radio	E	GRL	uu
1665	1237-1247	GRL OYR Aasiaat Radio	E	GRL	uu
1665	1537-1547	GRL OYR Aasiaat Radio	E	GRL	uu
1665	1837-1847	GRL OYR Aasiaat Radio	E	GRL	uu
1665	2137-2147	GRL OYR Aasiaat Radio	E	GRL	uu
1674	0200-0240	S Stockholm Radio	E	NEu	t
1674	0600-0640	S Stockholm Radio	E	NEu	t
1674	1000-1040	S Stockholm Radio	E	NEu	t
1674	1400-1440	S Stockholm Radio	E	NEu	t
1674	1800-1840	S Stockholm Radio	E	NEu	t
1674	2200-2240	S Stockholm Radio	E	NEu	t
1677	0000-2400	E Coruña Radio	S	SEu	rs
1677	0703-0718	E Coruña Radio	S	SEu	rs
1677	0903-0918	E Coruña Radio	S	SEu	rs
1677	1503-1518	E Coruña Radio	S	SEu	rs
1677	1900-1919	E Coruña Radio	S,E	SEu	rs
1677	1935-1944	E Coruña Radio	S,E	SEu	rs
1677	2033-2048	E Coruña Radio	S,E	SEu	rs
1677	2135-2141	E Coruña Radio	S	SEu	rs
1677	2303-2318	E Coruña Radio	S	SEu	rs
1677	0033-0048	IRL Malin Head Coastguard	E	WEu	mh
1677	0433-0448	IRL Malin Head Coastguard	E	WEu	mh
1677	0833-0848	IRL Malin Head Coastguard	E	WEu	mh
1677	1233-1248	IRL Malin Head Coastguard	E	WEu	mh
1677	1633-1648	IRL Malin Head Coastguard	E	WEu	mh
1677	2033-2048	IRL Malin Head Coastguard	E	WEu	mh
1680	0233-0248	NOR Telenor Kystradio South	NO	NEu	f
1680	0633-0648	NOR Telenor Kystradio South	NO	NEu	f
1680	1033-1048	NOR Telenor Kystradio South	NO	NEu	f
1680	1215-1230	NOR Telenor Kystradio South	E	NEu	f
1680	1433-1448	NOR Telenor Kystradio South	NO	NEu	f
1680	1833-1848	NOR Telenor Kystradio South	NO	NEu	f
1680	2233-2248	NOR Telenor Kystradio South	NO	NEu	f
1680	2315-2330	NOR Telenor Kystradio South	E	NEu	f
1689	0000-2400	CNR Las Palmas Radio	S	SEu	lm
1689	0633-0648	CNR Las Palmas Radio	S	SEu	lm
1689	1040-1055	CNR Las Palmas Radio	S	SEu	lm
1689	1603-1618	CNR Las Palmas Radio	S	SEu	lm
1689	2110-2125	CNR Las Palmas Radio	S	SEu	lm
1689	2235-2250	CNR Las Palmas Radio	S	SEu	lm
1692	0600-2100 irr	AUS Radio Symban	GR	AUS	hp
1692	0233-0248	NOR Telenor Kystradio South	NO	NEu	ro

1692	0633-0648	NOR Telenor Kystradio South	NO NEu	ro
1692	1033-1048	NOR Telenor Kystradio South	NO NEu	ro
1692	1215-1230	NOR Telenor Kystradio South	E NEu	ro
1692	1433-1448	NOR Telenor Kystradio South	NO NEu	ro
1692	1833-1848	NOR Telenor Kystradio South	NO NEu	ro
1692	2233-2248	NOR Telenor Kystradio South	NO NEu	ro
1692	2315-2330	NOR Telenor Kystradio South	E NEu	ro
1695	0233-0248	NOR Telenor Kystradio North	NO NEu	bv
1695	0633-0648	NOR Telenor Kystradio North	NO NEu	bv
1695	1033-1048	NOR Telenor Kystradio North	NO NEu	bv
1695	1203-1218	NOR Telenor Kystradio North	E NEu	bv
1695	1433-1448	NOR Telenor Kystradio North	NO NEu	bv
1695	1833-1848	NOR Telenor Kystradio North	NO NEu	bv
1695	2233-2248	NOR Telenor Kystradio North	NO NEu	bv
1695	2303-2318	NOR Telenor Kystradio North	E NEu	bv
1696	0003-0018	F CROSS La Garde Radio Wx	F,E WEu	g
1696	0403-0418	F CROSS La Garde Radio Wx	F,E WEu	g
1696	0603-0618	F CROSS La Garde Radio Wx	F,E WEu	g
1696	0707-0717	F CROSS La Garde Radio Wx	F,E WEu	g
1696	0733-0743	F CROSS La Garde Radio Wx	F,E WEu	g
1696	0803-0818	F CROSS La Garde Radio Wx	F,E WEu	g
1696	0833-0848	F CROSS La Garde Radio Wx	F,E WEu	g
1696	1203-1218	F CROSS La Garde Radio Wx	F,E WEu	g
1696	1333-1348	F CROSS La Garde Radio Wx	F,E WEu	g
1696	1503-1518	F CROSS La Garde Radio Wx	F,E WEu	g
1696	1603-1618	F CROSS La Garde Radio Wx	F,E WEu	g
1696	1750-1815	F CROSS La Garde Radio Wx	F,E WEu	g
1696	1900-1906	F CROSS La Garde Radio Wx	F,E WEu	g
1696	2003-2013	F CROSS La Garde Radio Wx	F,E WEu	g
1696	2201-2216	F CROSS La Garde Radio Wx	F,E WEu	g
1696	2200-2210	F CROSS La Garde Radio Wx	F,E WEu	g
1698	0000-2400	E Coruña Radio	S SEu	pz
1698	0703-0718	E Coruña Radio	S SEu	pz
1698	0903-0918	E Coruña Radio	S SEu	pz
1698	1503-1518	E Coruña Radio	S SEu	pz
1698	1900-1919	E Coruña Radio	S,E SEu	pz
1698	1935-1944	E Coruña Radio	S,E SEu	pz
1698	2003-2018	E Coruña Radio	S SEu	pz
1698	2035-2050	E Coruña Radio	S SEu	pz
1698	2303-2318	E Coruña Radio	S SEu	pz
1704	0000-2400	E Cabo de Gata Radio	S SEu	cg
1704	0840-0855	E Cabo de Gata Radio	S SEu	cg
1704	1003-1018	E Cabo de Gata Radio	S SEu	cg
1704	1533-1548	E Cabo de Gata Radio	S SEu	cg
1704	2003-2018	E Cabo de Gata Radio	S SEu	cg
1704	2105-2156	E Cabo de Gata Radio	S,E SEu	cg
1704	2333-2348	E Cabo de Gata Radio	S SEu	cg
1707	0000-2400	E Coruña Radio	S SEu	ar

1707	0703-0718	E Coruña Radio	S SEu	ar	
1707	0903-0918	E Coruña Radio	S SEu	ar	
1707	1503-1518	E Coruña Radio	S SEu	ar	
1707	1900-1919	E Coruña Radio	S,E SEu	ar	
1707	1935-1944	E Coruña Radio	S,E SEu	ar	
1707	2003-2018	E Coruña Radio	S SEu	ar	
1707	2035-2050	E Coruña Radio	S SEu	ar	
1707	2303-2318	E Coruña Radio	S SEu	ar	
1710	0233-0248	NOR Telenor Kystradio North	NO NEu		sa
1710	0633-0648	NOR Telenor Kystradio North	NO NEu		sa
1710	1033-1048	NOR Telenor Kystradio North	NO NEu		sa
1710	1203-1218	NOR Telenor Kystradio North	E NEu		sa
1710	1433-1448	NOR Telenor Kystradio North	NO NEu		sa
1710	1833-1848	NOR Telenor Kystradio North	NO NEu		sa
1710	2233-2248	NOR Telenor Kystradio North	NO NEu		sa
1710	2303-2318	NOR Telenor Kystradio North	E NEu		sa
1710	0200-0240	S Stockholm Radio	E NEu	gr	
1710	0600-0640	S Stockholm Radio	E NEu	gr	
1710	1000-1040	S Stockholm Radio	E NEu	gr	
1710	1400-1440	S Stockholm Radio	E NEu	gr	
1710	1800-1840	S Stockholm Radio	E NEu	gr	
1710	2200-2240	S Stockholm Radio	E NEu	gr	
1713	0205-0220	ISL Reykjavik Radio	E NAO	sh	
1713	0505-0520	ISL Reykjavik Radio	E NAO	sh	
1713	0805-0820	ISL Reykjavik Radio	E NAO	sh	
1713	1105-1120	ISL Reykjavik Radio	E NAO	sh	
1713	1405-1420	ISL Reykjavik Radio	E NAO	sh	
1713	1705-1720	ISL Reykjavik Radio	E NAO	sh	
1713	2005-2020	ISL Reykjavik Radio	E NAO	sh	
1713	2305-2320	ISL Reykjavik Radio	E NAO	sh	
1713	0233-0248	NOR Telenor Kystradio North	NO NEu		va
1713	0633-0648	NOR Telenor Kystradio North	NO NEu		va
1713	1033-1048	NOR Telenor Kystradio North	NO NEu		va
1713	1203-1218	NOR Telenor Kystradio North	E NEu		va
1713	1433-1448	NOR Telenor Kystradio North	NO NEu		va
1713	1833-1848	NOR Telenor Kystradio North	NO NEu		va
1713	2233-2248	NOR Telenor Kystradio North	NO NEu		va
1713	2303-2318	NOR Telenor Kystradio North	E NEu		va
1722	0233-0248	NOR Telenor Kystradio North	NO NEu		bj
1722	0633-0648	NOR Telenor Kystradio North	NO NEu		bj
1722	1033-1048	NOR Telenor Kystradio North	NO NEu		bj
1722	1433-1448	NOR Telenor Kystradio North	NO NEu		bj
1722	1833-1848	NOR Telenor Kystradio North	NO NEu		bj
1722	2233-2248	NOR Telenor Kystradio North	NO NEu		bj
1728	0233-0248	NOR Telenor Kystradio South	NO NEu		ma
1728	0633-0648	NOR Telenor Kystradio South	NO NEu		ma
1728	1033-1048	NOR Telenor Kystradio South	NO NEu		ma
1728	1215-1230	NOR Telenor Kystradio South	E NEu		ma

1728	1433-1448	NOR Telenor Kystradio South	NO	NEu	ma
1728	1833-1848	NOR Telenor Kystradio South	NO	NEu	ma
1728	2233-2248	NOR Telenor Kystradio South	NO	NEu	ma
1728	2315-2330	NOR Telenor Kystradio South	E	NEu	ma
1731	0233-0248	NOR Telenor Kystradio North	NO	NEu	ly
1731	0633-0648	NOR Telenor Kystradio North	NO	NEu	ly
1731	1033-1048	NOR Telenor Kystradio North	NO	NEu	ly
1731	1203-1218	NOR Telenor Kystradio North	E	NEu	ly
1731	1433-1448	NOR Telenor Kystradio North	NO	NEu	ly
1731	1833-1848	NOR Telenor Kystradio North	NO	NEu	ly
1731	2233-2248	NOR Telenor Kystradio North	NO	NEu	ly
1731	2303-2318	NOR Telenor Kystradio North	E	NEu	ly
1734	0133-0143	DNK Lyngby Radio	E	NEu	bl
1734	0533-0543	DNK Lyngby Radio	E	NEu	bl
1734	0933-0943	DNK Lyngby Radio	E	NEu	bl
1734	1333-1343	DNK Lyngby Radio	E	NEu	bl
1734	1743-1803	DNK Lyngby Radio	E	NEu	bl
1734	2035-2050	DNK Lyngby Radio	E	NEu	bl
1734	2133-2153	DNK Lyngby Radio	E	NEu	bl
1734	2200-2215	DNK Lyngby Radio	DA	NEu	bl
1743	0110-0130	G Stornoway Coastguard Wx	E	WEu	st
1743	0410-0425	G Stornoway Coastguard Wx	E	WEu	st
1743	0710-0725	G Stornoway Coastguard Wx	E	WEu	st
1743	1010-1025	G Stornoway Coastguard Wx	E	WEu	st
1743	1310-1330	G Stornoway Coastguard Wx	E	WEu	st
1743	1610-1625	G Stornoway Coastguard Wx	E	WEu	st
1743	1910-1925	G Stornoway Coastguard Wx	E	WEu	st
1743	2210-2225	G Stornoway Coastguard Wx	E	WEu	st
1743	0233-0248	NOR Telenor Kystradio North	NO	NEu	jm
1743	0633-0648	NOR Telenor Kystradio North	NO	NEu	jm
1743	1033-1048	NOR Telenor Kystradio North	NO	NEu	jm
1743	1203-1218	NOR Telenor Kystradio North	E	NEu	jm
1743	1433-1448	NOR Telenor Kystradio North	NO	NEu	jm
1743	1833-1848	NOR Telenor Kystradio North	NO	NEu	jm
1743	2233-2248	NOR Telenor Kystradio North	NO	NEu	jm
1743	2303-2318	NOR Telenor Kystradio North	E	NEu	jm
1750	1103-2310	NOR Hopen Island Meteo	E	NEu	hp
1750	2303-2310	NOR Hopen Island Meteo	E	NEu	hp
1752	0233-0248	IRL Valentia Radio	E	WEu	v
1752	0633-0648	IRL Valentia Radio	E	WEu	v
1752	0830-0845	IRL Valentia Radio	E	WEu	v
1752	1033-1048	IRL Valentia Radio	E	WEu	v
1752	1433-1448	IRL Valentia Radio	E	WEu	v
1752	1833-1848	IRL Valentia Radio	E	WEu	v
1752	2030-2045	IRL Valentia Radio	E	WEu	v
1752	2233-2248	IRL Valentia Radio	E	WEu	v
1755	0000-2400	E EAO Palma Radio	S	SEu	mx
1755	0803-0818	E EAO Palma Radio	S	SEu	mx

1755	1003-1018	E EAO Palma Radio	S SEu	mx
1755	1533-1548	E EAO Palma Radio	S SEu	mx
1755	1933-1948	E EAO Palma Radio	S SEu	mx
1755	2145-2155	E EAO Palma Radio	S,E SEu	mx
1755	2333-2348	E EAO Palma Radio	S SEu	mx
1757	1005-1015	NOR Bjørnøya Radio	E NEu	bj
1757	2205-2215	NOR Bjørnøya Radio	E NEu	bj
1758	0133-0143	DNK Lyngby Radio	E NEu	sg
1758	0533-0543	DNK Lyngby Radio	E NEu	sg
1758	0933-0943	DNK Lyngby Radio	E NEu	sg
1758	1333-1343	DNK Lyngby Radio	E NEu	sg
1758	1733-1803	DNK Lyngby Radio	E NEu	sg
1758	2035-2050	DNK Lyngby Radio	E NEu	sg
1758	2133-2153	DNK Lyngby Radio	E NEu	sg
1758	2200-2215	DNK Lyngby Radio	DA NEu	sg
1758	0000-2400	FRO OXJ Tórshavn Radio	E NEu	t
1761	0205-0220	ISL Reykjavik Radio	E NAO	n
1761	0505-0520	ISL Reykjavik Radio	E NAO	n
1761	0805-0820	ISL Reykjavik Radio	E NAO	n
1761	1105-1120	ISL Reykjavik Radio	E NAO	n
1761	1405-1420	ISL Reykjavik Radio	E NAO	n
1761	1705-1720	ISL Reykjavik Radio	E NAO	n
1761	2005-2020	ISL Reykjavik Radio	E NAO	n
1761	2305-2320	ISL Reykjavik Radio	E NAO	n
1764	0703-0718	E Coruña Radio	S SEu	fi
1764	1303-1318	E Coruña Radio	S SEu	fi
1764	1903-1918	E Coruña Radio	S SEu	fi
1767	0000-2400	E Cabo la Nao Radio	S SEu	as
1767	0803-0818	E Cabo la Nao Radio	S SEu	as
1767	1003-1018	E Cabo la Nao Radio	S SEu	as
1767	1533-1548	E Cabo la Nao Radio	S SEu	as
1767	1933-1948	E Cabo la Nao Radio	S SEu	as
1767	2105-2156	E Cabo la Nao Radio	S,E SEu	as
1767	2333-2348	E Cabo la Nao Radio	S SEu	as
1770	0110-0125	G Shetland Coastguard	E WEu	cf
1770	0410-0425	G Shetland Coastguard	E WEu	cf
1770	0710-0725	G Shetland Coastguard	E WEu	cf
1770	1010-1025	G Shetland Coastguard	E WEu	cf
1770	1310-1325	G Shetland Coastguard	E WEu	cf
1770	1610-1625	G Shetland Coastguard	E WEu	cf
1770	1910-1925	G Shetland Coastguard	E WEu	cf
1770	2210-2225	G Shetland Coastguard	E WEu	cf
1770	0000-2400	ISL Reykjavik Radio TFA	IS NAO	rs
1770	0233-0248	NOR Telenor Kystradio North	NO NEu	bo
1770	0633-0648	NOR Telenor Kystradio North	NO NEu	bo
1770	1033-1048	NOR Telenor Kystradio North	NO NEu	bo
1770	1203-1218	NOR Telenor Kystradio North	E NEu	bo
1770	1433-1448	NOR Telenor Kystradio North	NO NEu	bo

1770	1833-1848	NOR Telenor Kystradio North	NO	NEu	bo
1770	2233-2248	NOR Telenor Kystradio North	NO	NEu	bo
1770	2315-2330	NOR Telenor Kystradio North	E	NEu	bo
1779	0200-0240	S Stockholm Radio	E	NEu	b
1779	0600-0640	S Stockholm Radio	E	NEu	b
1779	1000-1040	S Stockholm Radio	E	NEu	b
1779	1400-1440	S Stockholm Radio	E	NEu	b
1779	1800-1840	S Stockholm Radio	E	NEu	b
1779	2200-2240	S Stockholm Radio	E	NEu	b
1782	0233-0248	NOR Telenor Kystradio South	NO	NEu	or
1782	0633-0648	NOR Telenor Kystradio South	NO	NEu	or
1782	1033-1048	NOR Telenor Kystradio South	NO	NEu	or
1782	1215-1230	NOR Telenor Kystradio South	E	NEu	or
1782	1433-1448	NOR Telenor Kystradio South	NO	NEu	or
1782	1833-1848	NOR Telenor Kystradio South	NO	NEu	or
1782	2233-2248	NOR Telenor Kystradio South	NO	NEu	or
1782	2315-2330	NOR Telenor Kystradio South	E	NEu	or
1785	0233-0248	NOR Telenor Kystradio South	NO	NEu	fs
1785	0633-0648	NOR Telenor Kystradio South	NO	NEu	fs
1785	1033-1048	NOR Telenor Kystradio South	NO	NEu	fs
1785	1215-1230	NOR Telenor Kystradio South	E	NEu	fs
1785	1433-1448	NOR Telenor Kystradio South	NO	NEu	fs
1785	1833-1848	NOR Telenor Kystradio South	NO	NEu	fs
1785	2233-2248	NOR Telenor Kystradio South	NO	NEu	fs
1785	2315-2330	NOR Telenor Kystradio South	E	NEu	fs
1797	0200-0240	S Stockholm Radio	E	NEu	gs
1797	0600-0640	S Stockholm Radio	E	NEu	gs
1797	1000-1040	S Stockholm Radio	E	NEu	gs
1797	1400-1440	S Stockholm Radio	E	NEu	gs
1797	1800-1840	S Stockholm Radio	E	NEu	gs
1797	2200-2240	S Stockholm Radio	E	NEu	gs
1845	0830-0900 Su	AUS VK2WI News Broadcast	E	AUS	du
1845	2300-2400 Sa	AUS VK2WI News Broadcast	E	AUS	du
1852	0000-2400	I Romaradio IAR	I	SEu	pa
1855	0000-2400	I Romaradio IAR	I	SEu	b
1868	0037-0047	GRL OYR Aasiaat Radio	E	GRL	si
1868	0337-0347	GRL OYR Aasiaat Radio	E	GRL	si
1868	0637-0647	GRL OYR Aasiaat Radio	E	GRL	si
1868	0937-0947	GRL OYR Aasiaat Radio	E	GRL	si
1868	1237-1247	GRL OYR Aasiaat Radio	E	GRL	si
1868	1537-1547	GRL OYR Aasiaat Radio	E	GRL	si
1868	1837-1847	GRL OYR Aasiaat Radio	E	GRL	si
1868	2137-2147	GRL OYR Aasiaat Radio	E	GRL	si
1876	0000-2400	I Romaradio IAR	I	SEu	Im
1876	0205-0220	ISL Reykjavik Radio	E	NAO	rs
1876	0505-0520	ISL Reykjavik Radio	E	NAO	rs
1876	0805-0820	ISL Reykjavik Radio	E	NAO	rs
1876	1105-1120	ISL Reykjavik Radio	E	NAO	rs

1876	1405-1420	ISL Reykjavik Radio	E	NAO	rs
1876	1705-1720	ISL Reykjavik Radio	E	NAO	rs
1876	2005-2020	ISL Reykjavik Radio	E	NAO	rs
1876	2305-2320	ISL Reykjavik Radio	E	NAO	rs
1883	0210-0225	G Belfast Coastguard	E	WEu	ti
1883	0510-0525	G Belfast Coastguard	E	WEu	ti
1883	0810-0825	G Belfast Coastguard	E	WEu	ti
1883	1110-1125	G Belfast Coastguard	E	WEu	ti
1883	1410-1425	G Belfast Coastguard	E	WEu	ti
1883	1710-1725	G Belfast Coastguard	E	WEu	ti
1883	2010-2025	G Belfast Coastguard	E	WEu	ti
1883	2310-2325	G Belfast Coastguard	E	WEu	ti
1883	0205-0220	ISL Reykjavik Radio	E	NAO	s
1883	0505-0520	ISL Reykjavik Radio	E	NAO	s
1883	0805-0820	ISL Reykjavik Radio	E	NAO	s
1883	1105-1120	ISL Reykjavik Radio	E	NAO	s
1883	1405-1420	ISL Reykjavik Radio	E	NAO	s
1883	1705-1720	ISL Reykjavik Radio	E	NAO	s
1883	2005-2020	ISL Reykjavik Radio	E	NAO	s
1883	2305-2320	ISL Reykjavik Radio	E	NAO	s
1888	0000-2400	I Romaradio IAR	I	SEu	cv
1890	0000-2400	ISL Reykjavik Radio TFA	IS	NAO	rs
1895	0037-0047	GRL OYR Aasiaat Radio	E	GRL	ma
1895	0337-0347	GRL OYR Aasiaat Radio	E	GRL	ma
1895	0637-0647	GRL OYR Aasiaat Radio	E	GRL	ma
1895	0937-0947	GRL OYR Aasiaat Radio	E	GRL	ma
1895	1237-1247	GRL OYR Aasiaat Radio	E	GRL	ma
1895	1537-1547	GRL OYR Aasiaat Radio	E	GRL	ma
1895	1837-1847	GRL OYR Aasiaat Radio	E	GRL	ma
1895	2137-2147	GRL OYR Aasiaat Radio	E	GRL	ma
1925	0150-0205	G Humber Coastguard Wx	E	WEu	cu
1925	0450-0505	G Humber Coastguard Wx	E	WEu	cu
1925	0750-0805	G Humber Coastguard Wx	E	WEu	cu
1925	1050-1105	G Humber Coastguard Wx	E	WEu	cu
1925	1350-1405	G Humber Coastguard Wx	E	WEu	cu
1925	1650-1705	G Humber Coastguard Wx	E	WEu	cu
1925	1950-2005	G Humber Coastguard Wx	E	WEu	cu
1925	2250-2305	G Humber Coastguard Wx	E	WEu	cu
1925	0000-2400	I Romaradio IAR	I	SEu	li
1933	0037-0047	GRL OYR Aasiaat Radio	E	GRL	ko
1933	0337-0347	GRL OYR Aasiaat Radio	E	GRL	ko
1933	0637-0647	GRL OYR Aasiaat Radio	E	GRL	ko
1933	0937-0947	GRL OYR Aasiaat Radio	E	GRL	ko
1933	1237-1247	GRL OYR Aasiaat Radio	E	GRL	ko
1933	1537-1547	GRL OYR Aasiaat Radio	E	GRL	ko
1933	1837-1847	GRL OYR Aasiaat Radio	E	GRL	ko
1933	2137-2147	GRL OYR Aasiaat Radio	E	GRL	ko
1990	2130-2200 Su	G GB2RS News Broadcast	E	G	xy

1995	0037-0047	GRL OYR Aasiaat Radio	E	GRL	qe
1995	0337-0347	GRL OYR Aasiaat Radio	E	GRL	qe
1995	0637-0647	GRL OYR Aasiaat Radio	E	GRL	qe
1995	0937-0947	GRL OYR Aasiaat Radio	E	GRL	qe
1995	1237-1247	GRL OYR Aasiaat Radio	E	GRL	qe
1995	1537-1547	GRL OYR Aasiaat Radio	E	GRL	qe
1995	1837-1847	GRL OYR Aasiaat Radio	E	GRL	qe
1995	2137-2147	GRL OYR Aasiaat Radio	E	GRL	qe
2054	0340-0610	ALS NOJ Fax Kodiak		WNA	k
2054	0950-1210	ALS NOJ Fax Kodiak		WNA	k
2054	1540-1820	ALS NOJ Fax Kodiak		WNA	k
2054	2150-0030	ALS NOJ Fax Kodiak		WNA	k
2054	0000-2400	CAN VAJ Prince Rupert Radio	E	WNA	ap
2054	0000-2400	CAN VAJ Prince Rupert Radio	E	WNA	di
2054	0000-2400	CAN VAJ Prince Rupert Radio	E	WNA	hp
2054	0115-0130	CAN VAJ Prince Rupert Radio	E	WNA	di
2054	0115-0130	CAN VAJ Prince Rupert Radio	E	WNA	hp
2054	0050-0105	CAN VAJ Prince Rupert Radio	E	WNA	ap
2054	0650-0705	CAN VAJ Prince Rupert Radio	E	WNA	ap
2054	0715-0730	CAN VAJ Prince Rupert Radio	E	WNA	di
2054	0715-0730	CAN VAJ Prince Rupert Radio	E	WNA	hp
2054	1250-1305	CAN VAJ Prince Rupert Radio	E	WNA	hp
2054	1315-1330	CAN VAJ Prince Rupert Radio	E	WNA	di
2054	1315-1330	CAN VAJ Prince Rupert Radio	E	WNA	hp
2054	1850-1905	CAN VAJ Prince Rupert Radio	E	WNA	ap
2054	1915-1930	CAN VAJ Prince Rupert Radio	E	WNA	di
2054	1915-1930	CAN VAJ Prince Rupert Radio	E	WNA	hp
2056	1000-2300	AUS VMW Wiluna WA	E	AUS	w
2063.8	1800-0600	F FUG French Navy FSK	F	Eu	sa
2065	0440-0450	ARG L3A Comodoro Rivadavia	S	SAm	cr
2065	0740-0750	ARG L3A Comodoro Rivadavia	S	SAm	cr
2065	1740-1750	ARG L3A Comodoro Rivadavia	S	SAm	cr
2065	2040-2050	ARG L3A Comodoro Rivadavia	S	SAm	cr
2069	0000-2400	CNR Arrecife Radio	S	NAO	hy
2090	0037-0047	GRL OYR Aasiaat Radio	E	GRL	ik
2090	0337-0347	GRL OYR Aasiaat Radio	E	GRL	ik
2090	0637-0647	GRL OYR Aasiaat Radio	E	GRL	ik
2090	0937-0947	GRL OYR Aasiaat Radio	E	GRL	ik
2090	1237-1247	GRL OYR Aasiaat Radio	E	GRL	ik
2090	1537-1547	GRL OYR Aasiaat Radio	E	GRL	ik
2090	1837-1847	GRL OYR Aasiaat Radio	E	GRL	ik
2090	2137-2147	GRL OYR Aasiaat Radio	E	GRL	ik
2090	0037-0047	GRL OYR Aasiaat Radio	E	GRL	t
2090	0337-0347	GRL OYR Aasiaat Radio	E	GRL	t
2090	0637-0647	GRL OYR Aasiaat Radio	E	GRL	t
2090	0937-0947	GRL OYR Aasiaat Radio	E	GRL	t
2090	1237-1247	GRL OYR Aasiaat Radio	E	GRL	t
2090	1537-1547	GRL OYR Aasiaat Radio	E	GRL	t

2090	1837-1847	GRL OYR Aasiaat Radio	E GRL	t
2090	2137-2147	GRL OYR Aasiaat Radio	E GRL	t
2116	0000-2400	GRL OYR Aasiaat Radio	E GRL	ko
2116	0037-0047	GRL OYR Aasiaat Radio	E GRL	ko
2116	0337-0347	GRL OYR Aasiaat Radio	E GRL	ko
2116	0637-0647	GRL OYR Aasiaat Radio	E GRL	ko
2116	0805-0815	GRL OYR Aasiaat Radio	E GRL	ko
2116	0937-0947	GRL OYR Aasiaat Radio	E GRL	ko
2116	1237-1247	GRL OYR Aasiaat Radio	E GRL	ko
2116	1205-1215	GRL OYR Aasiaat Radio	E GRL	ko
2116	1537-1547	GRL OYR Aasiaat Radio	E GRL	ko
2116	1705-1715	GRL OYR Aasiaat Radio	E GRL	ko
2116	1837-1847	GRL OYR Aasiaat Radio	E GRL	ko
2116	2137-2147	GRL OYR Aasiaat Radio	E GRL	ko
2116	2205-2215	GRL OYR Aasiaat Radio	E GRL	ko
2118	0000-2400	CAN VCS Halifax Radio	E,F ENA	ki
2129	0000-2400	GRL OYR Aasiaat Radio	E GRL	qa
2129	0037-0047	GRL OYR Aasiaat Radio	E GRL	qa
2129	0337-0347	GRL OYR Aasiaat Radio	E GRL	qa
2129	0637-0647	GRL OYR Aasiaat Radio	E GRL	qa
2129	0805-0815	GRL OYR Aasiaat Radio	E GRL	qa
2129	0937-0947	GRL OYR Aasiaat Radio	E GRL	qa
2129	1237-1247	GRL OYR Aasiaat Radio	E GRL	qa
2129	1205-1215	GRL OYR Aasiaat Radio	E GRL	qa
2129	1537-1547	GRL OYR Aasiaat Radio	E GRL	qa
2129	1705-1715	GRL OYR Aasiaat Radio	E GRL	qa
2129	1837-1847	GRL OYR Aasiaat Radio	E GRL	qa
2129	2137-2147	GRL OYR Aasiaat Radio	E GRL	qa
2129	2205-2215	GRL OYR Aasiaat Radio	E GRL	qa
2182	0000-2400	BEL OSU Oostende Radio	E WEu	w
2182	0000-2400	BER ZBM Bermuda Harbor	E BER	h
2182	0000-2400	CAN VAJ Prince Rupert Radio	E WNA	ap
2182	0000-2400	CAN VAJ Prince Rupert Radio	E WNA	di
2182	0000-2400	CAN VAJ Prince Rupert Radio	E WNA	hp
2182	0000-2400	CAN VCF Les Escoumins QC	E,F ENA	lv
2182	0000-2400	CAN VCF Les Escoumins QC	E,F ENA	na
2182	0000-2400	CAN VCO Sydney Radio NS	E,F ENA	pc
2182	0000-2400	CAN VCS Halifax Radio	E,F ENA	sm
2182	0000-2400	CAN VCP Placentia NL	E ENA	sl
2182	0000-2400	CAN VCP Placentia NL	E ENA	sj
2182	0000-2400	CAN VOJ Port aux Basques NL	E,F ENA	sv
2182	0000-2400	CAN VOK Labrador Coastguard	E ENA	cw
2182	0000-2400	CAN VOK Labrador Coastguard	E ENA	hd
2182	0000-2400	CAN VOK Labrador Coastguard	E ENA	sa
2182	0000-2400	CHL CBA Antofagasta Radio	S CHL	a
2182	0000-2400	CHL CBF Juan Fernandez R.	S JUF	jf
2182	0000-2400	CHL CBM Magallanes Radio	S CHL	pa
2182	0000-2400	CHL CBN Wollaston Radio	S CHL	w

2182	0000-2400	CHL CBP Puerto Montt Radio	S	CHL	pm
2182	0000-2400	CHL CBT Talcahuano Radio	S	CHL	tq
2182	0000-2400	CHL CBV Valparaiso Radio	S	CHL	v
2182	0000-2400	CHL CBX Bahia Felix Radio	S	CHL	fx
2182	0000-2400	CHN Basuo Radio	M	FE	b0
2182	0000-2400	CHN Lianyungang Radio	M	FE	ly
2182	0000-2400	CHN Shantou Radio	M	FE	st
2182	0000-2400	CHN XSJ Zhanjiang Radio	M	FE	zj
2182	0000-2400	CHN XSL Fuzhou Radio	M	FE	fz
2182	0000-2400	CHN XSM Xiamen Radio	M	FE	xd
2182	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
2182	0000-2400	CHN XSV Tianjin Radio	M	FE	tj
2182	0000-2400	CNR Arrecife Radio	S	NAO	hr
2182	0000-2400	CNR Arrecife Radio	S	NAO	hy
2182	0000-2400	CNR Las Palmas Radio	S	SEu	fc
2182	0000-2400	D Bremen Rescue Radio	E	NEu	cx
2182	0000-2400	E Cabo de Gata Radio	S	SEu	rq
2182	0000-2400	E Cabo la Nao Radio	S	SEu	ag
2182	0000-2400	E Coruña Radio	S	SEu	bo
2182	0000-2400	E Finisterre Radio	S	SEu	mu
2182	0000-2400	E Machichaco Radio	S	SEu	jq
2182	0000-2400	E EAO Palma Radio	S	SEu	af
2182	0000-2400	E Tarifa Radio	S	SEu	vj
2182	0000-2400	F CROSS Corsen Radio	F	WEu	co
2182	0000-2400	F CROSS Jobourg Radio	F	WEu	jb
2182	0000-2400	F CROSS La Garde Radio	F	WEu	g
2182	0000-2400	F CROSS La Garde Radio	F	WEu	hy
2182	0000-2400	FRO OXJ Tórshavn Radio	E	NEu	t
2182	0000-2400	G Aberdeen Coastguard	E	WEu	aq
2182	0000-2400	G Belfast Coastguard	E	WEu	ba
2182	0000-2400	G Dover Coastguard	E	WEu	dv
2182	0000-2400	G Falmouth Coastguard	E	WEu	fl
2182	0000-2400	G Holyhead Coastguard	E	WEu	hh
2182	0000-2400	G Humber Coastguard	E	WEu	bd
2182	0000-2400	G MilfordHaven Coastguard	E	WEu	mh
2182	0000-2400	G Shetland Coastguard	E	WEu	lw
2182	0000-2400	G Solent Coastguard	E	WEu	fh
2182	0000-2400	G Stornoway Coastguard	E	WEu	sw
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	aa
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	ik
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	ko
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	ma
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	pa
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	qa
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	qe
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	si
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	t
2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	up

2182	0000-2400	GRL OYR Aasiaat Radio	E	GRL	uu
2182	0000-2400	I Ancona Radio IPA	I	SEu	an
2182	0000-2400	I Augusta Radio IQA	I	SEu	au
2182	0000-2400	I Bari Radio IPB	I	SEu	ba
2182	0000-2400	I Cagliari Radio IDC	I	SEu	cg
2182	0000-2400	I Civitavecchia Radio IPD	I	SEu	cv
2182	0000-2400	I Crotone Radio IPC	I	SEu	mp
2182	0000-2400	I Genova Radio ICB	I	SEu	ge
2182	0000-2400	I Lampedusa Radio IQN	I	SEu	lm
2182	0000-2400	I Livorno Radio IPL	I	SEu	li
2182	0000-2400	I Messina Radio IDF	I	SEu	me
2182	0000-2400	I Napoli Radio IQH	I	SEu	na
2182	0000-2400	I Palermo Radio IPP	I	SEu	pa
2182	0000-2400	I Porto Torres Radio IZN	I	SEu	pt
2182	0000-2400	I San Benedetto Radio IQP	I	SEu	b
2182	0000-2400	I Trieste Radio IQX	I	SEu	t
2182	0000-2400	IRL Malin Head Coastguard	E	WEu	sk
2182	0000-2400	IRL Valentia Coastguard	E	WEu	v
2182	0000-2400	ISL Reykjavik Radio TFA	IS	NAO	r
2182	0000-2400	NOR Telenor Kystradio North	NO	NEu	
2182	0000-2400	NOR Telenor Kystradio South	NO	NEu	
2182	0000-2400	POL SPL Polish Rescue R.	E	Eu	u
2182	0000-2400	S Stockholm Radio	E	NEu	b
2182	0000-2400	S Stockholm Radio	E	NEu	gr
2182	0000-2400	S Stockholm Radio	E	NEu	gs
2182	0000-2400	S Stockholm Radio	E	NEu	h
2182	0000-2400	S Stockholm Radio	E	NEu	t
2201	0800-2100	AUS VMC Charleville QL	E	AUS	c
2206	0000-2400	CAN VCS Halifax Radio	E,F	ENA	ki
2207	0033-0110	NZL ZLM Taupo Maritime R.	E	Oc	t
2207	0433-0510	NZL ZLM Taupo Maritime R.	E	Oc	t
2207	0703-0740	NZL ZLM Taupo Maritime R.	E	Oc	t
2207	1233-1318	NZL ZLM Taupo Maritime R.	E	Oc	t
2207	1633-1710	NZL ZLM Taupo Maritime R.	E	Oc	t
2207	1903-1940	NZL ZLM Taupo Maritime R.	E	Oc	t
2207	2303-2340	NZL ZLM Taupo Maritime R.	E	Oc	t
2225	0000-2400	GRL OYR Aasiaat Radio	E	GRL	pa
2225	0037-0047	GRL OYR Aasiaat Radio	E	GRL	pa
2225	0337-0347	GRL OYR Aasiaat Radio	E	GRL	pa
2225	0637-0647	GRL OYR Aasiaat Radio	E	GRL	pa
2225	0805-0815	GRL OYR Aasiaat Radio	E	GRL	pa
2225	0937-0947	GRL OYR Aasiaat Radio	E	GRL	pa
2225	1237-1247	GRL OYR Aasiaat Radio	E	GRL	pa
2225	1205-1215	GRL OYR Aasiaat Radio	E	GRL	pa
2225	1537-1547	GRL OYR Aasiaat Radio	E	GRL	pa
2225	1705-1715	GRL OYR Aasiaat Radio	E	GRL	pa
2225	1837-1847	GRL OYR Aasiaat Radio	E	GRL	pa
2225	2137-2147	GRL OYR Aasiaat Radio	E	GRL	pa

2225	2205-2215	GRL OYR Aasiaat Radio	E	GRL	pa
2226	0130-0145	G Aberdeen Coastguard Wx	E	WEu	ab
2226	0430-0445	G Aberdeen Coastguard Wx	E	WEu	ab
2226	0730-0745	G Aberdeen Coastguard Wx	E	WEu	ab
2226	1030-1045	G Aberdeen Coastguard Wx	E	WEu	ab
2226	1330-1345	G Aberdeen Coastguard Wx	E	WEu	ab
2226	1630-1645	G Aberdeen Coastguard Wx	E	WEu	ab
2226	1930-1945	G Aberdeen Coastguard Wx	E	WEu	ab
2226	2230-2245	G Aberdeen Coastguard Wx	E	WEu	ab
2226	0110-0125	G Falmouth Coastguard Wx	E	WEu	sm
2226	0410-0425	G Falmouth Coastguard Wx	E	WEu	sm
2226	0710-0725	G Falmouth Coastguard Wx	E	WEu	sm
2226	1010-1025	G Falmouth Coastguard Wx	E	WEu	sm
2226	1310-1325	G Falmouth Coastguard Wx	E	WEu	sm
2226	1610-1625	G Falmouth Coastguard Wx	E	WEu	sm
2226	1910-1925	G Falmouth Coastguard Wx	E	WEu	sm
2226	2210-2225	G Falmouth Coastguard Wx	E	WEu	sm
2250	0000-2400	GRL OYR Aasiaat Radio	E	GRL	t
2250	0037-0047	GRL OYR Aasiaat Radio	E	GRL	t
2250	0337-0347	GRL OYR Aasiaat Radio	E	GRL	t
2250	0637-0647	GRL OYR Aasiaat Radio	E	GRL	t
2250	0805-0815	GRL OYR Aasiaat Radio	E	GRL	t
2250	0937-0947	GRL OYR Aasiaat Radio	E	GRL	t
2250	1237-1247	GRL OYR Aasiaat Radio	E	GRL	t
2250	1205-1215	GRL OYR Aasiaat Radio	E	GRL	t
2250	1537-1547	GRL OYR Aasiaat Radio	E	GRL	t
2250	1705-1715	GRL OYR Aasiaat Radio	E	GRL	t
2250	1837-1847	GRL OYR Aasiaat Radio	E	GRL	t
2250	2137-2147	GRL OYR Aasiaat Radio	E	GRL	t
2250	2205-2215	GRL OYR Aasiaat Radio	E	GRL	t
2265	0000-2400	GRL OYR Aasiaat Radio	E	GRL	ik
2265	0037-0047	GRL OYR Aasiaat Radio	E	GRL	ik
2265	0337-0347	GRL OYR Aasiaat Radio	E	GRL	ik
2265	0637-0647	GRL OYR Aasiaat Radio	E	GRL	ik
2265	0805-0815	GRL OYR Aasiaat Radio	E	GRL	ik
2265	0937-0947	GRL OYR Aasiaat Radio	E	GRL	ik
2265	1237-1247	GRL OYR Aasiaat Radio	E	GRL	ik
2265	1205-1215	GRL OYR Aasiaat Radio	E	GRL	ik
2265	1537-1547	GRL OYR Aasiaat Radio	E	GRL	ik
2265	1705-1715	GRL OYR Aasiaat Radio	E	GRL	ik
2265	1837-1847	GRL OYR Aasiaat Radio	E	GRL	ik
2265	2137-2147	GRL OYR Aasiaat Radio	E	GRL	ik
2265	2205-2215	GRL OYR Aasiaat Radio	E	GRL	ik
2304	0000-2400	GRL OYR Aasiaat Radio	E	GRL	qe
2304	0037-0047	GRL OYR Aasiaat Radio	E	GRL	qe
2304	0337-0347	GRL OYR Aasiaat Radio	E	GRL	qe
2304	0637-0647	GRL OYR Aasiaat Radio	E	GRL	qe
2304	0805-0815	GRL OYR Aasiaat Radio	E	GRL	qe

2304	0937-0947	GRL OYR Aasiaat Radio	E	GRL	qe
2304	1237-1247	GRL OYR Aasiaat Radio	E	GRL	qe
2304	1205-1215	GRL OYR Aasiaat Radio	E	GRL	qe
2304	1537-1547	GRL OYR Aasiaat Radio	E	GRL	qe
2304	1705-1715	GRL OYR Aasiaat Radio	E	GRL	qe
2304	1837-1847	GRL OYR Aasiaat Radio	E	GRL	qe
2304	2137-2147	GRL OYR Aasiaat Radio	E	GRL	qe
2304	2205-2215	GRL OYR Aasiaat Radio	E	GRL	qe
2310	0000-2400	AUS Shortwave Australia	E	AUS	be
2310	0037-0047	GRL OYR Aasiaat Radio	E	GRL	up
2310	0337-0347	GRL OYR Aasiaat Radio	E	GRL	up
2310	0637-0647	GRL OYR Aasiaat Radio	E	GRL	up
2310	0937-0947	GRL OYR Aasiaat Radio	E	GRL	up
2310	1237-1247	GRL OYR Aasiaat Radio	E	GRL	up
2310	1537-1547	GRL OYR Aasiaat Radio	E	GRL	up
2310	1837-1847	GRL OYR Aasiaat Radio	E	GRL	up
2310	2137-2147	GRL OYR Aasiaat Radio	E	GRL	up
2355	0000-2400 irr	AUS Tropical R.Program 4TRP	E	AUS	kr
2368.4	0000-2400	AUS Radio Symban	GR	AUS	hp
2400	0000-2400	GRL OYR Aasiaat Radio	E	GRL	ma
2400	0037-0047	GRL OYR Aasiaat Radio	E	GRL	ma
2400	0337-0347	GRL OYR Aasiaat Radio	E	GRL	ma
2400	0637-0647	GRL OYR Aasiaat Radio	E	GRL	ma
2400	0805-0815	GRL OYR Aasiaat Radio	E	GRL	ma
2400	0937-0947	GRL OYR Aasiaat Radio	E	GRL	ma
2400	1237-1247	GRL OYR Aasiaat Radio	E	GRL	ma
2400	1205-1215	GRL OYR Aasiaat Radio	E	GRL	ma
2400	1537-1547	GRL OYR Aasiaat Radio	E	GRL	ma
2400	1705-1715	GRL OYR Aasiaat Radio	E	GRL	ma
2400	1837-1847	GRL OYR Aasiaat Radio	E	GRL	ma
2400	2137-2147	GRL OYR Aasiaat Radio	E	GRL	ma
2400	2205-2215	GRL OYR Aasiaat Radio	E	GRL	ma
2470	0000-2400	B Radio Cacique, Sorocaba	P	SAm	so
2474	0000-2400	HOL PBB Navy Den Helder	-TY	Eu	cg
2500	0730-0100	CHN BPM Xian	-TS	CHN	p
2500	0000-2400	HWA WWVH Hawaii (f.ann.)	-TS	USA	a
2500	0000-2400	USA WWV Colorado (m.ann.)	-TS	USA	fa
2510	0000-2400	NOR LBJ Norway Navy	E	NEu	
2514	0000-2400	CAN VCF Les Escoumins QC	E,F	ENA	lv
2514	0000-2400	CAN VCP Placentia NL	E	ENA	sj
2514	0000-2400	CAN VCP Placentia NL	E	ENA	sl
2514	0000-2400	CAN VCS Halifax Radio	E,F	ENA	sm
2514	0000-2400	CAN VOJ Port aux Basques NL	E,F	ENA	sv
2514	0000-2400	CAN VOK Labrador Coastguard	E	ENA	cw
2514	0000-2400	CAN VOK Labrador Coastguard	E	ENA	hd
2514	0000-2400	CAN VOK Labrador Coastguard	E	ENA	sa
2524	0245-0300	AUS Tas Maritime Radio	E	Tas	
2524	0633-0648	AUS Tas Maritime Radio	E	Tas	

2524	2045-2100	AUS Tas Maritime Radio	E	Tas	
2530	0000-2400	CAN VCO Sydney Radio NS	E,F	ENA	pc
2538	0000-2400	CAN VCP Placentia NL	E	ENA	sj
2538	0000-2400	CAN VCS Halifax Radio	E,F	ENA	ym
2538	0000-2400	CAN VOK Labrador Coastguard	E	ENA	cw
2538	0000-2400	CAN VOK Labrador Coastguard	E	ENA	hd
2545	1333-1343	MRT CROSS Martinique Wx	F	Car	fc
2545	2215-2225	MRT CROSS Martinique Wx	F	Car	fc
2579	0000-2400	I Romaradio IAR	I	SEu	ba
2582	0035-0045	BER ZBM Bermuda Harbor	E	BER	h
2582	0435-0445	BER ZBM Bermuda Harbor	E	BER	h
2582	0835-0845	BER ZBM Bermuda Harbor	E	BER	h
2582	1235-1245	BER ZBM Bermuda Harbor	E	BER	h
2582	1635-1645	BER ZBM Bermuda Harbor	E	BER	h
2582	2035-2045	BER ZBM Bermuda Harbor	E	BER	h
2582	0000-2400	CAN VCF Les Escoumins QC	E,F	ENA	lv
2582	0000-2400	CAN VCF Les Escoumins QC	E,F	ENA	na
2582	0000-2400	CAN VCO Sydney Radio NS	E,F	ENA	pc
2582	0000-2400	CAN VCP Placentia NL	E	ENA	sj
2582	0000-2400	CAN VCP Placentia NL	E	ENA	sl
2582	0000-2400	CAN VCS Halifax Radio	E,F	ENA	sm
2582	0000-2400	CAN VCS Halifax Radio	E,F	ENA	ym
2582	0000-2400	CAN VOJ Port aux Basques NL	E,F	ENA	sv
2582	0000-2400	CAN VOK Labrador Coastguard	E	ENA	cw
2582	0000-2400	CAN VOK Labrador Coastguard	E	ENA	hd
2582	0000-2400	CAN VOK Labrador Coastguard	E	ENA	sa
2586	0133-0143	DNK Lyngby Radio	E	NEu	ro
2586	0533-0543	DNK Lyngby Radio	E	NEu	ro
2586	0933-0943	DNK Lyngby Radio	E	NEu	ro
2586	1305-1315	DNK Lyngby Radio	E	NEu	ro
2586	1333-1343	DNK Lyngby Radio	E	NEu	ro
2586	1733-1803	DNK Lyngby Radio	E	NEu	ro
2586	2133-2143	DNK Lyngby Radio	E	NEu	ro
2586	2200-2215	DNK Lyngby Radio	DA	NEu	ro
2598	0437-0500	CAN VCF Les Escoumins QC	F,E	ENA	na
2598	0847-0910	CAN VCF Les Escoumins QC	F,E	ENA	na
2598	0937-1000	CAN VCF Les Escoumins QC	F,E	ENA	na
2598	1407-1430	CAN VCF Les Escoumins QC	F,E	ENA	na
2598	1737-1800	CAN VCF Les Escoumins QC	F,E	ENA	na
2598	2317-2330	CAN VCF Les Escoumins QC	F,E	ENA	na
2598	0007-0030	CAN VCP Placentia NL	E	ENA	sj
2598	0048-0107	CAN VCP Placentia NL	E,F	ENA	sl
2598	0737-0805	CAN VCP Placentia NL	E	ENA	sl
2598	0837-0900	CAN VCP Placentia NL	E	ENA	sj
2598	1137-1200	CAN VCP Placentia NL	E	ENA	sl
2598	1307-1330	CAN VCP Placentia NL	E	ENA	sj
2598	1607-1630	CAN VCP Placentia NL	E	ENA	sl
2598	1637-1700	CAN VCP Placentia NL	E	ENA	sj

2598	1807-1830	CAN VCP Placentia NL	E	ENA	sl	
2598	2007-2030	CAN VCP Placentia NL	E	ENA	sj	
2598	2137-2200	CAN VCP Placentia NL	E	ENA	sl	
2598	2207-2230	CAN VCP Placentia NL	E	ENA	sj	
2598	0207-0233	CAN VOJ Port aux Basques NL	E,F	ENA	sv	
2598	0807-0833	CAN VOJ Port aux Basques NL	E,F	ENA	sv	
2598	1207-1233	CAN VOJ Port aux Basques NL	E,F	ENA	sv	
2598	1507-1533	CAN VOJ Port aux Basques NL	E,F	ENA	sv	
2598	1837-1903	CAN VOJ Port aux Basques NL	E,F	ENA	sv	
2598	2107-2133	CAN VOJ Port aux Basques NL	E,F	ENA	sv	
2598	0107-0130	CAN VOK Labrador Coastguard	E	ENA	sa	
2598	0137-0200	CAN VOK Labrador Coastguard	E	ENA	cw	
2598	0137-0200	CAN VOK Labrador Coastguard	E	ENA	hd	
2598	0907-0930	CAN VOK Labrador Coastguard	E	ENA	sa	
2598	1007-1030	CAN VOK Labrador Coastguard	E	ENA	cw	
2598	1007-1030	CAN VOK Labrador Coastguard	E	ENA	hd	
2598	1107-1130	CAN VOK Labrador Coastguard	E	ENA	cw	
2598	1107-1130	CAN VOK Labrador Coastguard	E	ENA	hd	
2598	1237-1300	CAN VOK Labrador Coastguard	E	ENA	sa	
2598	1337-1400	CAN VOK Labrador Coastguard	E	ENA	sa	
2598	1437-1500	CAN VOK Labrador Coastguard	E	ENA	cw	
2598	1437-1500	CAN VOK Labrador Coastguard	E	ENA	hd	
2598	1907-1930	CAN VOK Labrador Coastguard	E	ENA	sa	
2598	1937-2000	CAN VOK Labrador Coastguard	E	ENA	sa	
2598	2037-2100	CAN VOK Labrador Coastguard	E	ENA	cw	
2598	2037-2100	CAN VOK Labrador Coastguard	E	ENA	hd	
2598	2307-2330	CAN VOK Labrador Coastguard	E	ENA	cw	
2598	2307-2330	CAN VOK Labrador Coastguard	E	ENA	hd	
2600	0000-2400	I Romaradio IAR	I	SEu	mz	
2618.5	2200-0500	G GYA Northwood Meteo Fax	WEu		nw	
2624	0633-0643	GRC Olimpia Radio	E	SEE	r	
2624	0703-0713	GRC Olimpia Radio	E	SEE	r	
2624	0903-0913	GRC Olimpia Radio	E	SEE	r	
2624	1133-1143	GRC Olimpia Radio	E	SEE	r	
2624	1533-1543	GRC Olimpia Radio	E	SEE	r	
2624	1733-1743	GRC Olimpia Radio	E	SEE	r	
2624	2133-2153	GRC Olimpia Radio	E	SEE	r	
2624	2333-2343	GRC Olimpia Radio	E	SEE	r	
2624	0000-2400	I Romaradio IAR	I	SEu	t	
2628	0900-0955	AUS VMC Charleville Met Fax	Oc		c	
2628	1015-1715	AUS VMC Charleville Met Fax	Oc		c	
2628	1800-1845	AUS VMC Charleville Met Fax	Oc		c	
2628	0000-2400	I Romaradio IAR	I	SEu	au	
2630	0037-0047	GRL OYR Aasiaat Radio	E	GRL	qa	
2630	0337-0347	GRL OYR Aasiaat Radio	E	GRL	qa	
2630	0637-0647	GRL OYR Aasiaat Radio	E	GRL	qa	
2630	0937-0947	GRL OYR Aasiaat Radio	E	GRL	qa	
2630	1237-1247	GRL OYR Aasiaat Radio	E	GRL	qa	

2630	1537-1547	GRL OYR Aasiaat Radio	E GRL	qa
2630	1837-1847	GRL OYR Aasiaat Radio	E GRL	qa
2630	2137-2147	GRL OYR Aasiaat Radio	E GRL	qa
2632	0000-2400	I Romaradio IAR	I SEu	na
2640	1300-1325	RUS St.Peterburg Wx Fax	R NEu	pv
2642	0000-2400	I Romaradio IAR	I SEu	ge
2655	0000-2400	RUS AstrakhanAero Serioshka	R EEU	an
2655	0000-2400	RUS Elista Aero Triol	R EEU	el
2655	0000-2400	RUS Krasnodar Aero Tyurik	R EEU	k1
2655	0000-2400	RUS Maykop Aero Atlantida3	R EEU	mp
2655	0000-2400	RUS Makhachkala Aero Ridan	R EEU	mk
2655	0000-2400	RUS MinVody Aero Shpora	R EEU	mi
2655	0000-2400	RUS MinVody Aero Ubezhishe	R EEU	mi
2655	0000-2400	RUS Mozdok Aero Assistent	R EEU	mz
2655	0000-2400	RUS Nalchik Aero Tosno	R EEU	nc
2655	0000-2400	RUS Rostov Aero Shpora	R EEU	rv
2655	0000-2400	RUS Sochi Aero Shtat	R EEU	so
2655	0000-2400	RUS Stavropol Aero Tom	R EEU	s2
2655	0000-2400	RUS Vladikavkaz Aero Stavok	R EEU	vz
2655	0000-2400	RUS Volgograd Aero Avrora	R EEU	vo
2656	0000-2400	I Romaradio IAR	I SEu	an
2657	0935-0945	AZR Radionaval Horta	P,E AZR	ho
2657	2135-2145	AZR Radionaval Horta	P,E AZR	ho
2657	0735-0745	MDR Radionaval Porto Santo	P,E MDR	ps
2657	1935-1945	MDR Radionaval Porto Santo	P,E MDR	ps
2657	0905-0915	POR Radionaval N.Ribeiro	P,E POR	ms
2657	2105-2115	POR Radionaval N.Ribeiro	P,E POR	ms
2663	0000-2400	I Romaradio IAR	I SEu	mp
2677	0635-0645	F CROSS Corsen Radio Wx	F WEu	oe
2677	0715-0730	F CROSS Corsen Radio Wx	F WEu	oe
2677	1835-1845	F CROSS Corsen Radio Wx	F WEu	oe
2677	1915-1930	F CROSS Corsen Radio Wx	F WEu	oe
2677	2000-2015	F CROSS Corsen Radio Wx	F WEu	oe
2677	2100-2115	F CROSS Corsen Radio Wx	F WEu	oe
2677	0003-0018	F CROSS La Garde Radio Wx	F,E WEu	g
2677	0403-0418	F CROSS La Garde Radio Wx	F,E WEu	g
2677	0603-0618	F CROSS La Garde Radio Wx	F,E WEu	g
2677	0707-0717	F CROSS La Garde Radio Wx	F,E WEu	g
2677	0803-0818	F CROSS La Garde Radio Wx	F,E WEu	g
2677	0733-0743	F CROSS La Garde Radio Wx	F,E WEu	g
2677	1000-1003	F CROSS La Garde Radio Wx	F,E WEu	g
2677	1203-1218	F CROSS La Garde Radio Wx	F,E WEu	g
2677	1503-1518	F CROSS La Garde Radio Wx	F,E WEu	g
2677	1600-1603	F CROSS La Garde Radio Wx	F,E WEu	g
2677	1603-1618	F CROSS La Garde Radio Wx	F,E WEu	g
2677	1906-1908	F CROSS La Garde Radio Wx	F,E WEu	g
2677	2003-2013	F CROSS La Garde Radio Wx	F,E WEu	g
2677	2200-2210	F CROSS La Garde Radio Wx	F,E WEu	g

2680	0000-2400	I Romaradio IAR	I SEu	cg
2680	0000-2400	ISR 4XZ Israeli Navy Haifa	-CW	
2714	0133-0148	POL SPL Polish Rescue R.	E Eu	u
2714	0533-0548	POL SPL Polish Rescue R.	E Eu	u
2714	0735-0750	POL SPL Polish Rescue R.	E Eu	u
2714	0933-0948	POL SPL Polish Rescue R.	E Eu	u
2714	1035-1050	POL SPL Polish Rescue R.	E Eu	u
2714	1333-1348	POL SPL Polish Rescue R.	E Eu	u
2714	1733-1748	POL SPL Polish Rescue R.	E Eu	u
2714	1935-1950	POL SPL Polish Rescue R.	E Eu	u
2714	2133-2148	POL SPL Polish Rescue R.	E Eu	u
2719	0000-2400	I Romaradio IAR	I SEu	pt
2724	0205-0220	ISL Reykjavik Radio	E NAO	if
2724	0505-0520	ISL Reykjavik Radio	E NAO	if
2724	0805-0820	ISL Reykjavik Radio	E NAO	if
2724	1105-1120	ISL Reykjavik Radio	E NAO	if
2724	1405-1420	ISL Reykjavik Radio	E NAO	if
2724	1705-1720	ISL Reykjavik Radio	E NAO	if
2724	2005-2020	ISL Reykjavik Radio	E NAO	if
2724	2305-2320	ISL Reykjavik Radio	E NAO	if
2730	0000-2400	GRC Olimpia Radio	-TY SEE	L
2730	0033-0043	GRC Olimpia Radio	E SEE	L
2730	0633-0643	GRC Olimpia Radio	E SEE	L
2730	0703-0713	GRC Olimpia Radio	E SEE	L
2730	0903-0913	GRC Olimpia Radio	E SEE	L
2730	1033-1043	GRC Olimpia Radio	E SEE	L
2730	1533-1543	GRC Olimpia Radio	E SEE	L
2730	1633-1643	GRC Olimpia Radio	E SEE	L
2730	1800-1810	GRC Olimpia Radio	E SEE	L
2730	2133-2153	GRC Olimpia Radio	E SEE	L
2733	0200-0240	S Stockholm Radio	E NEu	h
2733	0600-0640	S Stockholm Radio	E NEu	h
2733	1000-1040	S Stockholm Radio	E NEu	h
2733	1400-1440	S Stockholm Radio	E NEu	h
2733	1800-1840	S Stockholm Radio	E NEu	h
2733	2200-2240	S Stockholm Radio	E NEu	h
2738	1135-1150	CHL CBA Antofagasta Radio	S CHL	a
2738	2335-2350	CHL CBA Antofagasta Radio	S CHL	a
2738	0020-0035	CHL CBM Magellanes Radio	S CHL	pa
2738	1220-1235	CHL CBM Magellanes Radio	S CHL	pa
2738	1150-1205	CHL CBP Puerto Montt R.	S CHL	pm
2738	2350-0005	CHL CBP Puerto Montt R.	S CHL	pm
2738	0050-0105	CHL CBT Talcahuano Radio	S CHL	tq
2738	1250-1305	CHL CBT Talcahuano Radio	S CHL	tq
2738	0005-0020	CHL CBV Valparaíso Radio	S CHL	v
2738	1205-1220	CHL CBV Valparaíso Radio	S CHL	v
2738	0215-0230	CHL CBY Isla de Pascua R.	S CHL	q
2738	1415-1430	CHL CBY Isla de Pascua R.	S CHL	q

2749	0437-0500	CAN VCF Les Escoumins QC	F,E ENA	lv
2749	0847-0910	CAN VCF Les Escoumins QC	F,E ENA	lv
2749	0937-1000	CAN VCF Les Escoumins QC	F,E ENA	lv
2749	1407-1430	CAN VCF Les Escoumins QC	F,E ENA	lv
2749	1737-1800	CAN VCF Les Escoumins QC	F,E ENA	lv
2749	2317-2330	CAN VCF Les Escoumins QC	F,E ENA	lv
2749	0040-0100	CAN VCO Sydney Radio NS	E,F ENA	pc
2749	0740-0800	CAN VCO Sydney Radio NS	E,F ENA	pc
2749	1440-1500	CAN VCO Sydney Radio NS	E,F ENA	pc
2749	2010-2030	CAN VCO Sydney Radio NS	E,F ENA	pc
2749	0140-0200	CAN VCS Halifax Radio	E,F ENA	ym
2749	0240-0310	CAN VCS Halifax Radio	E,F ENA	sm
2749	0810-0830	CAN VCS Halifax Radio	E,F ENA	sm
2749	1040-1100	CAN VCS Halifax Radio	E,F ENA	ym
2749	1540-1600	CAN VCS Halifax Radio	E ENA	sm
2749	1640-1700	CAN VCS Halifax Radio	E,F ENA	ym
2749	2040-2100	CAN VCS Halifax Radio	E,F ENA	ym
2749	2120-2140	CAN VCS Halifax Radio	E ENA	sm
2750	0000-2400	CHN XSV Tianjin Radio	M FE	tj
2753	0000-2400	HOL PFC Navy Den Helder	E Eu	cg
2754	0000-2400	S Stockholm Radio	E NEu	t
2761	0233-0248	BEL OSU Oostende Radio	E WEu	w
2761	0620-0632	BEL OSU Oostende Radio	E WEu	w
2761	0633-0648	BEL OSU Oostende Radio	NL WEu	w
2761	0820-0830	BEL OSU Oostende Radio	E WEu	w
2761	1033-1048	BEL OSU Oostende Radio	E WEu	w
2761	1433-1448	BEL OSU Oostende Radio	E WEu	w
2761	1720-1730	BEL OSU Oostende Radio	E WEu	w
2761	1833-1848	BEL OSU Oostende Radio	E WEu	w
2761	2233-2248	BEL OSU Oostende Radio	E WEu	w
2789	0000-2400	I Romaradio IAR	I SEu	me
2799	0633-0643	GRC Olimpia Radio	E SEE	i
2799	0703-0713	GRC Olimpia Radio	E SEE	i
2799	0903-0913	GRC Olimpia Radio	E SEE	i
2799	1133-1143	GRC Olimpia Radio	E SEE	i
2799	1533-1543	GRC Olimpia Radio	E SEE	i
2799	1733-1743	GRC Olimpia Radio	E SEE	i
2799	1800-1810	GRC Olimpia Radio	E SEE	i
2799	2133-2153	GRC Olimpia Radio	E SEE	i
2799	2333-2343	GRC Olimpia Radio	E SEE	i
2830	0033-0043	GRC Olimpia Radio	E SEE	k
2830	0633-0643	GRC Olimpia Radio	E SEE	k
2830	0703-0713	GRC Olimpia Radio	E SEE	k
2830	0903-0913	GRC Olimpia Radio	E SEE	k
2830	1033-1043	GRC Olimpia Radio	E SEE	k
2830	1533-1543	GRC Olimpia Radio	E SEE	k
2830	1633-1643	GRC Olimpia Radio	E SEE	k
2830	2133-2153	GRC Olimpia Radio	E SEE	k

2860	0000-2400	IRL Shannon Aeradio I	E	NAO	s	
2863	0000-2400	HKG Hongkong Volmet x15,x45	E	FE	a	
2863	0000-2400	J Tokyo Volmet x10,x40	E	FE	tv	
2869	0000-2400	IRL Shannon Aeradio J	E	NAO	s	
2869	1100-2300	RUS Novosibir Volmet x07,37	R	CIS	nv	
2869	1400-0200	RUS Samara Volmet x15,45	R	CIS	sv	
2869	1500-0300	RUS Syktyvkar Volmet x00,30	R	CIS	sy	
2869	0000-2400	USA San Francisco Radio CEP	E	EOc	dx	
2872	0000-2400	CAN Gander Radio C	E	NAO	g	
2872	1800-0900	IRL Shannon Aeradio C	E	NAO	s	
2872	0000-2400	ISL Iceland Radio C	E	NAO		
2881	0000-2400	ARG Ezeiza Volmet x01	S	SAm	e	
2881	0000-2400	IRL Shannon Aeradio I	E	NAO	s	
2887	0000-2400	USA New York Radio	E	Car	bg	
2890	0000-2400	IRL Shannon Aeradio I	E	NAO	s	
2899	0930-2350	ARG Com.RivadaviaVolmet x30	S	ARG	cv	
2899	0000-2400	CAN Gander Radio B	E	NAO	g	
2899	1800-0900	IRL Shannon Aeradio B	E	NAO	s	
2899	0000-2400	ISL Iceland Radio B	E	NAO		
2941	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF	FE	m	
2941	1500-0300	RUS Rostov Volmet x25,55	R	CIS	rv	
2944	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba	
2944	0000-2400	IRL Shannon Aeradio J	E	NAO	s	
2962	0000-2400	AZR Santa Maria Radio E	E	NAO	sm	
2962	0000-2400	USA New York Radio	E	NAO	bg	
2965	1305-0240	IND Kolkata Volmet x05,x35	E	SAs	kv	
2965	1325-0300	IND Mumbai Volmet x25,x55	E	SAs	mv	
2965	0000-2400	IRL Shannon Aeradio H	E	NAO	s	
2965	1210-2245	THA Bangkok Volmet x10,x40	E	SAs	bv	
2971	0000-2400	ARG ResistenciaVolmetx20x50	S	ARG	r	
2971	0100-0800	IRL Shannon Aeradio D	E	NAO	s	
2986	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF	ME	m	
2992	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba	
2992	0000-2400	IRL Shannon Aeradio J	E	NAO	s	
2998	0000-2400	IRL Shannon HFDL (ID7)	-HF	NAO	s	
2998	0000-2400	USA San Francisco Radio CWP	E	WOc	/GUM-b	
2998	0000-2400	USA San Francisco Radio CWP	E	WOc	/HWA-m	
3007	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba	
3016	0000-2400	AFS Johannesburg HFDL (ID8)	-HF	SAf	j	
3016	2100-0800	AZR Santa Maria Radio A	E	NAO	sm	
3016	0000-2400	CAN Gander Radio A	E	NAO	g	
3016	0100-0900	IRL Shannon Aeradio A	E	NAO	s	
3016	1800-2200	IRL Shannon Aeradio A	E	NAO	s	
3016	0000-2400	USA New York Radio	E	NAO	bg	
3023	0000-2400	XUU Search and Rescue Coord	E			
3044	0000-2400	F FUE French Navy USB/FSK	F	NAO	br	
3107	0000-2400	F Armor French Ny USB/FSK	F	NAO	br	
3116	0000-2400	RUS Irkutsk Volmet x25,x55	R	Sib	iv	

3125	0000-2400	GRL OYR Aasiaat Radio	E	GRL	si
3125	0037-0047	GRL OYR Aasiaat Radio	E	GRL	si
3125	0337-0347	GRL OYR Aasiaat Radio	E	GRL	si
3125	0637-0647	GRL OYR Aasiaat Radio	E	GRL	si
3125	0805-0815	GRL OYR Aasiaat Radio	E	GRL	si
3125	0937-0947	GRL OYR Aasiaat Radio	E	GRL	si
3125	1237-1247	GRL OYR Aasiaat Radio	E	GRL	si
3125	1205-1215	GRL OYR Aasiaat Radio	E	GRL	si
3125	1537-1547	GRL OYR Aasiaat Radio	E	GRL	si
3125	1705-1715	GRL OYR Aasiaat Radio	E	GRL	si
3125	1837-1847	GRL OYR Aasiaat Radio	E	GRL	si
3125	2137-2147	GRL OYR Aasiaat Radio	E	GRL	si
3125	2205-2215	GRL OYR Aasiaat Radio	E	GRL	si
3168.5	0000-2400	RUS Channel Marker L	-CW	RUS	pt
3205	1950-1800	KRE KCBS DIGITAL	K	KRE	k
3243	1400-0530	RUS Goose Channel Marker		EEu	sk
3250	1950-1800	KRE KCBS Pyongyang	K	KRE	p
3276	0000-2400	GRL OYR Aasiaat Radio	E	GRL	up
3276	0037-0047	GRL OYR Aasiaat Radio	E	GRL	up
3276	0337-0347	GRL OYR Aasiaat Radio	E	GRL	up
3276	0637-0647	GRL OYR Aasiaat Radio	E	GRL	up
3276	0805-0815	GRL OYR Aasiaat Radio	E	GRL	up
3276	0937-0947	GRL OYR Aasiaat Radio	E	GRL	up
3276	1237-1247	GRL OYR Aasiaat Radio	E	GRL	up
3276	1205-1215	GRL OYR Aasiaat Radio	E	GRL	up
3276	1537-1547	GRL OYR Aasiaat Radio	E	GRL	up
3276	1705-1715	GRL OYR Aasiaat Radio	E	GRL	up
3276	1837-1847	GRL OYR Aasiaat Radio	E	GRL	up
3276	2137-2147	GRL OYR Aasiaat Radio	E	GRL	up
3276	2205-2215	GRL OYR Aasiaat Radio	E	GRL	up
3280	0000-2400	GRL OYR Aasiaat Radio	E	GRL	uu
3280	0037-0047	GRL OYR Aasiaat Radio	E	GRL	uu
3280	0337-0347	GRL OYR Aasiaat Radio	E	GRL	uu
3280	0637-0647	GRL OYR Aasiaat Radio	E	GRL	uu
3280	0805-0815	GRL OYR Aasiaat Radio	E	GRL	uu
3280	0937-0947	GRL OYR Aasiaat Radio	E	GRL	uu
3280	1237-1247	GRL OYR Aasiaat Radio	E	GRL	uu
3280	1205-1215	GRL OYR Aasiaat Radio	E	GRL	uu
3280	1537-1547	GRL OYR Aasiaat Radio	E	GRL	uu
3280	1705-1715	GRL OYR Aasiaat Radio	E	GRL	uu
3280	1837-1847	GRL OYR Aasiaat Radio	E	GRL	uu
3280	2137-2147	GRL OYR Aasiaat Radio	E	GRL	uu
3280	2205-2215	GRL OYR Aasiaat Radio	E	GRL	uu
3310	0900-1300	BOL Radio Mosoj Chaski	S,Q	BOL	cb
3310	2030-0204	BOL Radio Mosoj Chaski	S,Q	BOL	cb
3310	0233-0243	EST Tallinn Radio	E	NEu	ta
3310	0633-0643	EST Tallinn Radio	E	NEu	ta
3310	1033-1043	EST Tallinn Radio	E	NEu	ta

3310	1433-1443	EST Tallinn Radio	E NEu	ta
3310	1833-1843	EST Tallinn Radio	E NEu	ta
3310	2233-2243	EST Tallinn Radio	E NEu	ta
3325	1000-1100	INS Voice of Indonesia	E INS	p
3325	1100-1200	INS Voice of Indonesia	M INS	p
3325	1200-1300	INS Voice of Indonesia	J INS	p
3325	1300-1400	INS Voice of Indonesia	E INS	p
3325	1400-1500	INS Voice of Indonesia	IN INS	p
3325	1500-1600	INS Voice of Indonesia	M INS	p
3325	1600-1700	INS Voice of Indonesia	A INS	p
3325	1700-1800	INS Voice of Indonesia	S INS	p
3325	1800-1900	INS Voice of Indonesia	D INS	p
3325	1900-2000	INS Voice of Indonesia	NL INS	p
3325	2000-2100	INS Voice of Indonesia	F INS	p
3325	2100-2200	INS Voice of Indonesia	E INS	p
3325	2200-2300	INS Voice of Indonesia	J INS	p
3325	2300-2400	INS Voice of Indonesia	E INS	p
3330	0000-2400	CAN CHU Ottawa	-TS NAm	o
3345	0630-0710	NZL Ce.North Isl.Mountain.R	E NZL	t
3345	1930-2010	NZL Ce.North Isl.Mountain.R	E NZL	t
3364	1410-0600	RUS The Squeaky Wheel	RUS	rp
3407	0000-2400	UZB Tashkent Volmet x20,x50	R CAs	a
3413	0000-2400	IRL Shannon Volmet	E Eu	s
3413	0000-2400	USA San Francisco Radio CEP	E EOc	dx
3422	0000-2400	RUS Amderma Aero	R NEu	am
3422	0000-2400	RUS Arkhangelsk Aero	R NEu	at
3422	0000-2400	RUS Kotlas Aero	R NEu	kt
3422	0000-2400	RUS Naryan-Mar Aero	R NEu	nm
3422	0000-2400	RUS Pechorá Aero	R NEu	pc
3422	0000-2400	RUS Vorkuta Aero	R NEu	vk
3432	0000-2400	RUS Khantym Aero	R RUS	km
3432	0000-2400	RUS Nizhnevartovsk Aero	R RUS	ni
3432	0000-2400	RUS Tarko-Sale Aero	R RUS	ts
3432	0000-2400	RUS Tyumen Aero	R RUS	ty
3434	0000-2400	ARG Córdoba Volmet x25, x45	S SAm	co
3446	0000-2400	IRL Shannon Aeradio J	E NAO	s
3450	1430-0400	RUS Khanty-Mansiysk Volmet	E,R RUS	km
3452	0000-2400	USA San Francisco Radio CEP	E EOc	dx
3455	0000-2400	IRL Shannon HFDL (ID7)	-HF NAO	s
3455	0000-2400	USA New York Radio	E NAO	bg
3455	0000-2400	USA San Francisco Radio CWP	E WOc	/HWA-m
3458	0000-2400 LSB	CHN Beijing Volmet x15,x45	E FE	
3458	0800-2345 USB	CHN Guangzhou Volmet x00,30	E FE	
3458	0000-2400	IRL Shannon Aeradio I	E NAO	s
3467	0000-2400	AUS Brisbane Radio	E Oc	ae
3467	0000-2400	FJI Nadi Radio	E Oc	n
3467	0000-2400	NZL Auckland Radio	E Oc	a
3467	0000-2400	OCE Tahiti Radio	E Oc	fa

3467	0000-2400	USA San Francisco Radio SP	E	Oc	/HWA-m
3470	0000-2400	CLN Colombo Radio	E	SAs	
3473	0000-2400	IRL Shannon Aeradio I	E	NAO	s
3473	0000-2400	IRL Shannon Aeradio J	E	NAO	s
3476	0000-2400	CAN Gander Radio F	E	NAO	g
3476	0100-0800	IRL Shannon Aeradio F	E	NAO	s
3488	0000-2400	IRL Shannon Aeradio I	E	NAO	s
3491	0000-2400	AZR Santa Maria Radio H	E	NAO	sm
3491	0000-2400	IRL Shannon Aeradio H	E	NAO	s
3494	1800-0600	S Stockholm Radio (Air)	E	Eu	gr
3494	0000-2400	USA New York Radio	E	NAO	bg
3494	0000-2400	USA San Francisco R. LDOC	E	Oc	dx
3497	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba
3555	0000-2400	RUS MinVody Aero Shpora	R	EEu	mi
3560	1800-1900	KRE Voice of Korea	E	FE	u
3560	1900-2000	KRE Voice of Korea	S	FE	u
3560	2000-2100	KRE Voice of Korea	F	FE	u
3560	2100-2200	KRE Voice of Korea	E	FE	u
3560	2200-2300	KRE Voice of Korea	S	FE	u
3585	1200-2400	KOR HLL Seoul Meteo Fax		FE	sg
3593.7	0000-2400	RUS Channel Marker D	-CW	EEu	se
3593.8	0000-2400	RUS Channel Marker P	-CW	RUS	kl
3593.9	0000-2400	RUS Channel Marker S	-CW	RUS	sm
3594	0000-2400	RUS Channel Marker C	-CW	RUS	m
3594.1	0000-2400	RUS Channel Marker A	-CW	RUS	as
3594.2	0000-2400	RUS Channel Marker F	-CW	FE	vl
3594.3	0000-2400	RUS Channel Marker K	-CW	FE	pk
3594.4	0000-2400	RUS Channel Marker M	-CW	FE	mg
3594.5	0000-2400	CZE OK0EU Beacon D	-CW	Eu	dl
3594.5	0000-2400	CZE OK0EU Beacon H	-CW	Eu	tr
3594.5	0000-2400	CZE OK0EU Beacon M	-CW	Eu	pv
3594.5	0000-2400	CZE OK0EU Beacon R	-CW	Eu	va
3594.5	0000-2400	CZE OK0EU Beacon U	-CW	Eu	pr
3595	0830-0900 Su	AUS VK2WI News Broadcast	E	AUS	du
3595	2300-2400 Sa	AUS VK2WI News Broadcast	E	AUS	du
3622.5	0000-2400	J JMH Japan Meteo Fax		FE	k
3640	1000-1030 Su	G GB2RS News No.Ireland	E	G	xy
3650	0800-0830 Su	G GB2RS News Broadcast	E	G	xy
3650	0900-0930 Su	G GB2RS News Broadcast	E	G	xy
3650	0930-1000 Su	G GB2RS News Broadcast	E	G	xy
3650	1030-1100 Su	G GB2RS News Wales	E	G	xy
3650	1200-1230 Su	IRL IRTS Radio News Service	E	IRL	xy
3673	0333-0343	HOL Netherlands Coastgd Wx	E	WEu	cg
3673	0733-0743	HOL Netherlands Coastgd Wx	E	WEu	cg
3673	0940-0950	HOL Netherlands Coastgd Wx	E	WEu	cg
3673	1133-1143	HOL Netherlands Coastgd Wx	E	WEu	cg
3673	1533-1543	HOL Netherlands Coastgd Wx	E	WEu	cg
3673	1933-1943	HOL Netherlands Coastgd Wx	E	WEu	cg

3673	2140-2150	HOL Netherlands Coastgd Wx	E	WEu	cg
3673	2333-2343	HOL Netherlands Coastgd Wx	E	WEu	cg
3740	0704-0743	BUL LZW Varna Radio	E	BUL	va
3740	1333-1343	BUL LZW Varna Radio	E	BUL	va
3740	1933-1943	BUL LZW Varna Radio	E	BUL	va
3756	1400-0530	RUS The Pip (Kaplya) Rostov	-TS	EEu	rp
3855	0430-0545	D DWD Pinneberg Met Fax		Eu	pi
3855	0638-1155	D DWD Pinneberg Met Fax		Eu	pi
3855	1236-1551	D DWD Pinneberg Met Fax		Eu	pi
3855	1636-1655	D DWD Pinneberg Met Fax		Eu	pi
3855	1800-1947	D DWD Pinneberg Met Fax		Eu	pi
3855	2035-2300	D DWD Pinneberg Met Fax		Eu	pi
3900	0900-1440	CHN PBS Hulun Buir	M	CHN	ha
3900	2130-0700	CHN PBS Hulun Buir	M	CHN	ha
3900	0000-2400	ISL Reykjavik HF DL (ID3)	-HF	NAO	r
3900	0700-0730	Last7 NZL NZART Official Broadc.	E	NZL	xx
3900	0800-0830	Last7 NZL NZART Official Broadc.	E	NZL	xx
3909	0000-2400	F FUE French Navy USB/FSK	F	NAO	br
3920	1950-1800	irr KRE KCBS Pyongyang	K	KRE	e
3925	0750-1500	Mo-Fr J Radio Nikkei 1	J	FE	n
3925	2200-2300	Su-Th J Radio Nikkei 1	J	FE	n
3940	1700-0400	irr RUS Music Wave Radio	R	EEu	k
3942	0000-2400	F FUO French Navy USB/FSK	F	Eu	to
3955	0800-2000	D Channel 292	D,E	Eu	r
3955	2200-0559	D Channel 292	D,E	Eu	r
3955	2200-2300	23Nov D SM Radio Dessau	D	Eu	r
3955	0559-0700	G BBC DIGITAL	E	CEu	w
3955	2000-2100	KOR KBS World Radio	D	Eu	/G-w
3955	2100-2200	KOR KBS World Radio	F	Eu	/G-w
3959	1950-1800	KRE KCBS Pyongyang	K	KRE	k
3965	0000-2400	DNK World Music Radio	E	Eu	hv
3965	0100-0057	F Radio France DIGITAL	F	Eu	i
3975	0800-1600	SaSu D Shortwave Radio Gold	D,E	WEu	wa
3975	1600-1800	D Shortwave Radio Gold	D,E	WEu	wa
3975	1800-2000	D Shortwave Radio Gold	D,E	WEu	wa
3975	2000-2300	D Shortwave Radio Gold	D,E	WEu	wa
3975	2300-0100	D Shortwave Radio Gold	D,E	WEu	wa
3985	0900-1200	CHN CNR 2 China Business R.	M	CHN	q
3985	1200-1605	CHN CNR 2 China Business R.	M	CHN	q
3985	1700-2300	D Shortwave Service Kall	D	CEu	k
3990	0350-0650	CHN PBS Gannan	TB	CHN	he
3990	1020-1410	CHN PBS Gannan	TB	CHN	he
3990	2215-0120	CHN PBS Gannan	TB	CHN	he
3995	0100-0400	EQA HCJB Voice of Andes	D	CEu	/D-we
3995	0400-0500	EQA HCJB Voice of Andes	R	CEu	/D-we
3995	0500-2300	EQA HCJB Voice of Andes	D	CEu	/D-we
3995	1905-1935	Mo-Fr EQA HCJB Voice of Andes	D-P	CEu	/D-we
3995	2300-0100	EQA HCJB Voice of Andes	R	CEu	/D-we

4005	0000-2400	B Rádio Casa AM	P B	am	
4005	0000-2400	USA NSS US Navy	-TY NAm	a	
4009	0000-2400	CNR Arrecife Radio	S NAO	hr	
4009	0000-2400	CNR Arrecife Radio	S NAO	hy	
4009	0000-2400	E Cabo de Gata Radio	S SEu	rq	
4009	0000-2400	E Finisterre Radio	S SEu	mu	
4009	0000-2400	E Machichaco Radio	S SEu	jq	
4009	0000-2400	E EAO Palma Radio	S SEu	af	
4010	0000-1800	KGZ Birinchi Radio	KG CAs	b	
4018	0000-2400	CNR Las Palmas Radio	S SEu	fc	
4018	0000-2400	E Cabo la Nao Radio	S SEu	ag	
4018	0000-2400	E Coruña Radio	S SEu	bo	
4018	0000-2400	E Tarifa Radio	S SEu	vj	
4032	0100-0330 Sa	USA Ballsmacker Radio	E ENA	xx	
4045	1100-1130	USA WCY Marine Weather Ctr	E Car	LL	
4045	1130-1200	USA WCY Marine Weather Ctr	E BAH	LL	
4125	0000-2400	CAN VAJ Prince Rupert Radio	E WNA	ap	
4125	0000-2400	CAN VAJ Prince Rupert Radio	E WNA	di	
4134	0000-2400	ARG L3A Comodoro Rivadavia	S SAm	cr	
4146	0245-0300	AUS Tas Maritime Radio	E Tas		
4146	0633-0648	AUS Tas Maritime Radio	E Tas		
4146	2045-2100	AUS Tas Maritime Radio	E Tas		
4146	0020-0035	CHL CBM Magellanes Radio	S CHL	pa	
4146	1220-1235	CHL CBM Magellanes Radio	S CHL	pa	
4146	1150-1205	CHL CBP Puerto Montt R.	S CHL	pm	
4146	2350-0005	CHL CBP Puerto Montt R.	S CHL	pm	
4146	0033-0110	NZL ZLM Taupo Maritime R.	E Oc	t	
4146	0433-0510	NZL ZLM Taupo Maritime R.	E Oc	t	
4146	0703-0740	NZL ZLM Taupo Maritime R.	E Oc	t	
4146	1233-1318	NZL ZLM Taupo Maritime R.	E Oc	t	
4146	1633-1710	NZL ZLM Taupo Maritime R.	E Oc	t	
4146	1903-1940	NZL ZLM Taupo Maritime R.	E Oc	t	
4146	2303-2340	NZL ZLM Taupo Maritime R.	E Oc	t	
4149	0440-0450	ARG L3A Comodoro Rivadavia	S SAm	cr	
4149	0740-0750	ARG L3A Comodoro Rivadavia	S SAm	cr	
4149	1740-1750	ARG L3A Comodoro Rivadavia	S SAm	cr	
4149	2040-2050	ARG L3A Comodoro Rivadavia	S SAm	cr	
4149	2300-1000	AUS VMW Wiluna WA	E AUS	w	
4159.5	0000-0540	CHN XSQ Guangzhou Meteo Fax	E FE	gx	
4159.5	0815-0840 irr	CHN XSQ Guangzhou Meteo Fax	E FE	gx	
4159.5	1225-1715	CHN XSQ Guangzhou Meteo Fax	E FE	gx	
4159.5	2015-2040 irr	CHN XSQ Guangzhou Meteo Fax	E FE	gx	
4170	0000-0155	CHN XSG Shanghai Radio Fax	M FE	sh	
4170	0230-0655	CHN XSG Shanghai Radio Fax	M FE	sh	
4170	0730-1030	CHN XSG Shanghai Radio Fax	M FE	sh	
4170	1425-1450	CHN XSG Shanghai Radio Fax	M FE	sh	
4170	2025-2050	CHN XSG Shanghai Radio Fax	M FE	sh	
4185	0000-2400 irr	USA Various pirates	E NAm	xx	

4209.5	0000-2400	TUR TAH Turk Radio Istanbul	-CW ME	is
4212	0000-2400	CHN XSQ Guangzhou Radio	-TY FE	gx
4212.5	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
4212	0000-2400	RUS UGC St.Peterburg Radio	-CW NEu	pv
4212	1300-1325	RUS UGC St.Peterburg Wx Fax R	NEu	pv
4215.5	0000-2400	CHN XSG Shanghai Radio	-TY FE	sh
4216	0000-2400	TUR TAH Turk Radio Istanbul	-CW ME	is
4219	0000-2400	CHN XSQ Guangzhou Radio	-TY FE	gx
4228	1115-1200	CHL CBV Valparaiso Met Fax	SAm	v
4228	1630-1715	CHL CBV Valparaiso Met Fax	SAm	v
4228	1915-2100	CHL CBV Valparaiso Met Fax	SAm	v
4228	2200-2355	CHL CBV Valparaiso Met Fax	SAm	v
4235	0230-0505	USA NMF Fax Boston MA	ENA	bo
4235	0745-1040	USA NMF Fax Boston MA	ENA	bo
4247	1800-0100 Sa	USA MRHS KPH Bolinas, CA	-CW WNA	pr
4259	0000-2400	CHN XSG Shanghai Radio	M FE	sh
4266	0230-0245	B PWZ33 Rio d.J.Naval Wx	P B	rw
4266	0318-0330	B PWZ33 Rio d.J.Naval Wx	P B	rw
4266	0400-0415	B PWZ33 Rio d.J.Naval Wx	P B	rw
4266	0600-0615	B PWZ33 Rio d.J.Naval Wx	P B	rw
4266	1430-1445	B PWZ33 Rio d.J.Naval Wx	P B	rw
4266	1845-1900	B PWZ33 Rio d.J.Naval Wx	P B	rw
4266	2130-2145	B PWZ33 Rio d.J.Naval Wx	P B	rw
4271	2200-1000	CAN CFH Halifax Radio	-TY NAm	hx
4274	0700-0715 Tu,Fr J	JFX Kagoshima Fish.Fax	WOc	m
4274	0730-0745 Tu,Fr J	JFX Kagoshima Fish.Fax	WOc	m
4274	1100-1115 J	JFX Kagoshima Fish.Fax	WOc	m
4280	0000-2400	HOL PBB Navy Den Helder	-TY Eu	cg
4280	0200-0300	RUS Pechorá River Ship call	R EEu	pu
4280	0500-0600	RUS Pechorá River Ship call	R EEu	pu
4280	0630-0700	RUS Pechorá River Nav Wx	R EEu	pu
4280	1000-1030	RUS Pechorá River Nav Wx	R EEu	pu
4280	1300-1400	RUS Pechorá River Ship call	R EEu	pu
4280	1700-1730	RUS Pechorá River Nav Wx	R EEu	pu
4280	1700-1800	RUS Pechorá River Ship call	R EEu	pu
4280	1900-0200	RUS Pechorá River Ship call	R EEu	pu
4298	0340-0610	ALS NOJ Fax Kodiak	WNA	k
4298	0950-1210	ALS NOJ Fax Kodiak	WNA	k
4298	1540-1820	ALS NOJ Fax Kodiak	WNA	k
4298	2150-0030	ALS NOJ Fax Kodiak	WNA	k
4310	0530-1400	RUS Goose Channel Marker	EEu	sk
4316	0330-0410	USA NMG USCG New Orleans	E NAm	nm
4316	0515-0550	USA NMG USCG New Orleans	E NAm	nm
4316	0930-1015	USA NMG USCG New Orleans	E NAm	nm
4316	1115-1150	USA NMG USCG New Orleans	E NAm	nm
4316	1530-1605	USA NMG USCG New Orleans	E NAm	nm
4316	1715-1750	USA NMG USCG New Orleans	E NAm	nm
4316	2130-2245	USA NMG USCG New Orleans	E NAm	nm

4316	2315-2350	USA NMG USCG New Orleans	E NAm	nm
4317.9	0000-0305	USA NMG Fax New Orleans	Car	nm
4317.9	0600-0855	USA NMG Fax New Orleans	Car	nm
4317.9	1200-1505	USA NMG Fax New Orleans	Car	nm
4317.9	1800-2105	USA NMG Fax New Orleans	Car	nm
4331	0000-2400	ISR 4XZ Israeli Navy Haifa	-CW	
4346	0140-0415	USA NMC Fax Pt Reyes CA	WNA	pr
4346	0655-1015	USA NMC Fax Pt Reyes CA	WNA	pr
4346	1120-1235	USA NMC Fax Pt Reyes CA	WNA	pr
4346	1400-1615	USA NMC Fax Pt Reyes CA	WNA	-pr
4357	1135-1150	CHL CBA Antofagasta Radio	S CHL	a
4357	2335-2350	CHL CBA Antofagasta Radio	S CHL	a
4357	0050-0105	CHL CBT Talcahuano Radio	S CHL	tq
4357	1250-1305	CHL CBT Talcahuano Radio	S CHL	tq
4357	0005-0020	CHL CBV Valparaíso Radio	S CHL	v
4357	1205-1220	CHL CBV Valparaíso Radio	S CHL	v
4357	0215-0230	CHL CBY Isla de Pascua R.	S CHL	q
4357	1415-1430	CHL CBY Isla de Pascua R.	S CHL	q
4357	0233-0248	NOR Telenor Kystradio North	NO NEu	ly
4357	0633-0648	NOR Telenor Kystradio North	NO NEu	ly
4357	1033-1048	NOR Telenor Kystradio North	NO NEu	ly
4357	1203-1218	NOR Telenor Kystradio North	E NEu	ly
4357	1433-1448	NOR Telenor Kystradio North	NO NEu	ly
4357	1833-1848	NOR Telenor Kystradio North	NO NEu	ly
4357	2233-2248	NOR Telenor Kystradio North	NO NEu	ly
4357	2303-2318	NOR Telenor Kystradio North	E NEu	ly
4357	0000-2400	S Stockholm Radio	E NEu	gr
4363	0830-0900	MCO 3AC Radio Monaco	F,E SEu	/F-ma
4363	0930-0940	MCO 3AC Radio Monaco	F,E NAO	/F-ma
4363	1303-1330	MCO 3AC Radio Monaco	F,E SEu	/F-ma
4363	1830-1900	MCO 3AC Radio Monaco	F,E SEu	/F-ma
4375	1815-1845	AFS ZSC Cape Town Radio	E SAF	ct
4375	0000-2400	CAN VOK Labrador Coastguard	E ENA	cw
4375	0000-2400	CAN VOK Labrador Coastguard	E ENA	hd
4381	0037-0047	GRL OYR Aasiaat Radio	E GRL	qe
4381	0337-0347	GRL OYR Aasiaat Radio	E GRL	qe
4381	0637-0647	GRL OYR Aasiaat Radio	E GRL	qe
4381	0805-0815	GRL OYR Aasiaat Radio	E GRL	qe
4381	0937-0947	GRL OYR Aasiaat Radio	E GRL	qe
4381	1237-1247	GRL OYR Aasiaat Radio	E GRL	qe
4381	1205-1215	GRL OYR Aasiaat Radio	E GRL	qe
4381	1537-1547	GRL OYR Aasiaat Radio	E GRL	qe
4381	1705-1715	GRL OYR Aasiaat Radio	E GRL	qe
4381	1837-1847	GRL OYR Aasiaat Radio	E GRL	qe
4381	2137-2147	GRL OYR Aasiaat Radio	E GRL	q-e
4381	2205-2215	GRL OYR Aasiaat Radio	E GRL	qe
4384	0000-2400	CHN XSQ Guangzhou Radio	M FE	gx
4387	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is

4399	0000-2400	CHN XSV Tianjin Radio	M FE	tj	
4405	0955-1020	TUR TAH Turk Radio Istanbul	TU ME	is	
4405	1700-1730	TUR TAH Turk Radio Istanbul	TU ME	is	
4405	1755-1820	TUR TAH Turk Radio Istanbul	TU ME	is	
4405	1820-1840	TUR TAH Turk Radio Istanbul	E ME	is	
4414	0000-2400	S Stockholm Radio	E NEu	gr	
4414	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is	
4416	2200-2240	CAN VCO Sydney Meteo Fax	ENA	sm	
4416	2331-2400	CAN VCO Sydney Meteo Fax	ENA	sm	
4417	0000-2400	I Romaradio IAR	I SEu	r	
4420	2240-0640	EST Tallinn Radio	E NEu	ta	
4426	2100-0800	AUS VMC Charleville QL	E AUS	c	
4426	0000-2400	S Stockholm Radio	E NEu	gr	
4426	0430-0505	USA NMC USCG Point Reyes	E NAm	pr	
4426	1030-1105	USA NMC USCG Point Reyes	E NAm	pr	
4426	0330-0430	USA NMN USCG Chesapeake	E NAm	ch	
4426	0515-0615	USA NMN USCG Chesapeake	E NAm	ch	
4426	0930-1030	USA NMN USCG Chesapeake	E NAm	ch	
4433	0000-2400	RUS RIT Northern Fleet	-CW NEu	sm	
4481.3	0845-1100	GRC SWA18 Athens Meteo Fax	SEE	o	
4505	1910-1920 We	Sa POL E11 Polish Spy Numbers	E	p	
4540	0000-2400	USA WRPW597 CODAR (IDs x3)	Car	sm	
4557.7	0000-2400	RUS Channel Marker D	-CW EEu	se	
4557.8	0000-2400	RUS Channel Marker P	-CW RUS	kl	
4557.9	0000-2400	RUS Channel Marker S	-CW RUS	sm	
4558	0000-2400	RUS Channel Marker C	-CW RUS	m	
4558.1	0000-2400	RUS Channel Marker A	-CW RUS	as	
4558.2	0000-2400	RUS Channel Marker F	-CW FE	vl	
4558.3	0000-2400	RUS Channel Marker K	-CW FE	pk	
4558.4	0000-2400	RUS Channel Marker M	-CW FE	mg	
4560	0000-2400	TUR TAH Turk Radio Istanbul	-TY ME	is	
4583	0000-2400	D DWD 1 Pinneberg RTTY	E Eu	pi	
4603	0000-2400	RUS Channel Marker D	-CW RUS		
4610	0500-0600	G GYA Northwood Meteo Fax	WEu	nw	
4610	0600-2000	G GYA Northwood Meteo Fax	WEu	nw	
4610	2000-2200	G GYA Northwood Meteo Fax	WEu	nw	
4610	2200-0500	G GYA Northwood Meteo Fax	WEu	nw	
4625	0000-2400	RUS The Buzzer	RUS B2		
4651	0000-2400	IRL Shannon Aeradio J	E NAO	s	
4654	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba	
4657	0930-2350	ARG Com.RivadaviaVolmet x30	S ARG	cv	
4660	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF SAm	sz	
4666	0000-2400	IRL Shannon Aeradio J	E NAO	s	
4666	0000-2400	J Tokyo Radio	E FE		
4666	0000-2400	SNG Singapore Radio	E SEA		
4666	0000-2400	USA San Francisco Radio CWP	E WOc	/HWA-m	
4672	0000-2400	RUS Arkhangelsk Aero	R NEu	at	
4672	0000-2400	RUS Peterburg Aero	R NEu	pv	

4672	0000-2400	RUS Vologda Aero	R	NEu	vg	
4675	0000-2400	ARG ResistenciaVolmetx20x50 S	ARG		r	
4675	0000-2400	CAN Gander Radio	E	NAO	g	
4675	0100-0800	IRL Shannon Aeradio D	E	NAO	s	
4675	1100-1800	IRL Shannon Aeradio D	E	NAO	s	
4675	0000-2400	ISL Iceland Radio	E	NAO	g	
4681	0000-2400	AFS Johannesburg HFDL (ID8) -HF	SAf		j	
4684	0000-2400	IRL Shannon Aeradio J	E	NAO	s	
4687	0000-2400	ALS Barrow HFDL (ID9) -HF	NOc		ba	
4712	0000-2400	BLR Vitebsk Aero	R	RUS	vi	
4712	0000-2400	RUS Chelyabinsk Aero Brazka	R	RUS	cy	
4712	0000-2400	RUS Kazan Aero	R	RUS	kz	
4712	0000-2400	RUS Nadym Aero	R	RUS	ny	
4712	0000-2400	RUS Novosibirsk Aero	R	RUS	nv	
4712	0000-2400	RUS Orenburg Aero	R	RUS	og	
4712	0000-2400	RUS Perm Aero	R	RUS	pm	
4712	0000-2400	RUS Rostov Aero	R	RUS	rv	
4712	0000-2400	RUS Samara Aero	R	RUS	sv	
4712	0000-2400	RUS Saratov Aero	R	RUS	s1	
4712	0000-2400	RUS Syktyvkar Aero Sivkar	R	RUS	sy	
4712	0000-2400	RUS Tyumen Aero	R	RUS	ty	
4712	0000-2400	RUS Ufa Aero	R	RUS	uf	
4712	0000-2400	RUS Ural Aero	R	RUS		
4724	0000-2400	USA US Air Force Messages	E	NAm		
4728	0000-2400	KAZ Nursultan/Astana Aero	R	CAs	n	
4728	0000-2400	TJK Dushanbe Aero	R	CAs	da	
4728	0000-2400	TKM Ashgabat Aero	R	CAs	as	
4728	0000-2400	TKM Dashoguz Aero	R	CAs	ds	
4728	0000-2400	TKM Turkmenbashi Aero	R	CAs	tb	
4728	0000-2400	UZB Nukus Aero	R	CAs	nu	
4728	0000-2400	UZB Samarkand Aero	R	CAs	s	
4728	0000-2400	UZB Tashkent Aero	R	CAs	a	
4735	0800-0810	BUL Bulg.Military PROMRCh	-CW	Eu	bk	
4736	0000-2400	RUS Stavropol Aero Tom	R	EEu	s2	
4750	0600-0900	We-Mo CHN China National Radio 1	M	CHN	ha	
4750	0900-1730	CHN China National Radio 1	M	CHN	ha	
4750	1955-2023	CHN China National Radio 1	M	CHN	ha	
4750	2023-0600	CHN China National Radio 1	M	CHN	ha	
4750	0000-2400	USA WRPW597 CODAR (IDs x3)	Car		sm	
4755	1000-1100	INS Voice of Indonesia	E	INS	j	
4755	1100-1200	INS Voice of Indonesia	M	INS	j	
4755	1200-1300	INS Voice of Indonesia	J	INS	j	
4755	1300-1400	INS Voice of Indonesia	E	INS	j	
4755	1400-1500	INS Voice of Indonesia	IN	INS	j	
4755	1500-1600	INS Voice of Indonesia	M	INS	j	
4755	1600-1700	INS Voice of Indonesia	A	INS	j	
4755	1700-1800	INS Voice of Indonesia	S	INS	j	
4755	1800-1900	INS Voice of Indonesia	D	INS	j	

4755	1900-2000	INS Voice of Indonesia	NL	INS	j	
4755	2000-2100	INS Voice of Indonesia	F	INS	j	
4755	2100-2200	INS Voice of Indonesia	E	INS	j	
4755	2200-2300	INS Voice of Indonesia	J	INS	j	
4755	0000-2400	RUS Chelyabinsk Aero Brazka	R	RUS		cy
4755	0000-2400	RUS Kazan Aero Melodia Dwa	R	CAs		kz
4755	0000-2400	RUS Mozdok Aero Assistent	R	CAs		mz
4755	0000-2400	RUS Novosib. Aero Katyusha	R	CAs		nv
4755	0000-2400	RUS Omsk Aero Keepl	R	CAs		om
4755	0000-2400	RUS Samara Aero Amba	R	CAs		sv
4755	0000-2400	RUS Yekaterinb. Aero Alenki	R	CAs		yv
4765	0130-0500	CUB Radio Progreso	S	Car		b
4765	2259-2001	TJK Radio Tajikistan	TJ	CAs		y
4770	0000-2400	RUS Alarm Channel Marker		RUS		sk
4775	0000-0203	Tu-Su PRU Radio Tarma	S	PRU		ta
4775	0950-1050	Mo-Sa PRU Radio Tarma	S	PRU		ta
4775	1050-1400	PRU Radio Tarma	S	PRU		ta
4775	2000-2200	Su PRU Radio Tarma	S	PRU		ta
4775	2200-2400	Mo-Sa PRU Radio Tarma	S	PRU		ta
4775	0000-2400	USA WRPV785 CODAR (CW IDs)		WNA		ud
4790	1230-1330	CHN CNR1 Jammer/Firedrake	M	CHN		
4800	0600-0900	We-Mo CHN China National Radio 1	M	CHN		q
4800	0900-1805	CHN China National Radio 1	M	CHN		q
4800	2023-0600	CHN China National Radio 1	M	CHN		q
4807	0000-2400	RUS RIT Northern Fleet	-CW	NEu		sm
4810	0815-1500	PRU Radio Logos	S,Q	PRU		cz
4810	2100-0300	PRU Radio Logos	S,Q	PRU		cz
4810	0000-2400	USA WRPD292 CODAR (CW IDs)		WNA		ob
4820	0300-0600	CHN Xizang RTV	M	CHN		t
4820	0600-0900	We-Mo CHN Xizang RTV	M	CHN		t
4820	0900-1000	We-Mo CHN Xizang RTV	M	CHN		t
4820	1000-1800	CHN Xizang RTV	M	CHN		t
4820	2000-2100	We-Mo CHN Xizang RTV	M	CHN		t
4820	2100-0300	CHN Xizang RTV	M	CHN		t
4820	0855-1300	PRU Radio Senda Cristiana	S,Q	PRU		vv
4820	2100-0201	PRU Radio Senda Cristiana	S,Q	PRU		vv
4834	0000-2400	RUS Elista Aero Triol	R	EEu		el
4835	0000-2400	AUS Shortwave Australia	E	AUS		be
4840	0100-1300	USA WWCR 3 Nashville, TN	E	NAm		n
4900	0840-1135	CHN Voice of Strait	M	FE		gu
4905	2300-2400	CHN China National Radio 11	TB	CHN		t
4905	0000-0200	CHN Xizang RTV	TB	CHN		t
4905	0200-0700	CHN Xizang RTV	TB	CHN		t
4905	0700-0800	We-Mo CHN Xizang RTV	E	CHN		t
4905	0800-1000	We-Mo CHN Xizang RTV	TB	CHN		t
4905	1000-1600	CHN Xizang RTV	TB	CHN		t
4905	1600-1700	CHN Xizang RTV	E	CHN		t
4905	1700-1805	CHN Xizang RTV	TB	CHN		t

4905	2050-2300	CHN Xizang RTV	TB CHN	t	
4909	0450-0500 Mo	POL E11 Polish Spy Numbers	E		p
4909	1300-1310 Mo,Th	POL E11 Polish Spy Numbers	E		p
4909	1530-1540 SaSu	POL E11 Polish Spy Numbers	E		p
4920	2300-2400	CHN China National Radio 11	TB CHN	t	
4920	0000-0200	CHN Xizang RTV	TB CHN	t	
4920	0200-0700	CHN Xizang RTV	TB CHN	t	
4920	0700-0800 We-Mo	CHN Xizang RTV	E CHN	t	
4920	0800-1000 We-Mo	CHN Xizang RTV	TB CHN	t	
4920	1000-1600	CHN Xizang RTV	TB CHN	t	
4920	1600-1700	CHN Xizang RTV	E CHN	t	
4920	1700-1805	CHN Xizang RTV	TB CHN	t	
4920	2050-2300	CHN Xizang RTV	TB CHN	t	
4940	2300-0950 irr	CLM Estación 4940	S VEN		
4955	1000-1400	PRU R.Cultura Amauta, Huanta S,Q	PRU		hu
4955	2100-0115	PRU R.Cultura Amauta, Huanta S,Q	PRU		hu
4970	0000-2400 irr	AUS Radio 567	E AUS	ww	
4973	0000-2400	RUS RIT Northern Fleet	-CW NEu	sm	
4985	0000-2400	B Rádio Brasil Central	P B	go	
4985	0000-2400	USA NSS US Navy	-TY NAm	a	
4990	0300-0500	CHN PBS Hunan	M FE	xt	
4990	0900-1700	CHN PBS Hunan	M FE	xt	
4990	2030-0100	CHN PBS Hunan	M FE	xt	
4996	0000-2400	RUS RWM Moscow	-TS RUS	t	
5000	0000-2400	CHN BPM Xian	-TS CHN	p	
5000	0000-2400	HWA WWVH Hawaii (f.ann.)	-TS USA	b	
5000	0000-2400	KOR HLA Taedok	-TS KOR	t	
5000	0000-2400	USA WWV Colorado (m.ann.)	-TS USA	fb	
5006	0000-2400	J JG2XA Propag.Studies	-CW FE	f	
5006	0000-2400	RUS RJD59 Russian Navy	-TY EEu	kl	
5010	0000-0030	CZE Radio Prague	S Car	/USA-o	
5010	0230-0300	CZE Radio Prague	S Car	/USA-o	
5010	0030-0100	SVK Radio Slovakia Int.	S Car	/USA-o	
5010	0200-0230	TWN Radio Taiwan Int.	S Car	/USA-o	
5010	0100-0200	USA WRMI Radio Miami Int.	E Car	o	
5010	2300-2400	USA WRMI Radio Miami Int.	E Car	o	
5020	0500-1203	SLM Solomon Islands B.C.	E SLM		
5020	1203-1900 irr	SLM Solomon Islands B.C.	-MX SLM		
5020	1900-2200	SLM Solomon Islands B.C.	E SLM		
5025	0000-2400 irr	CUB Radio Rebelde	S Car	q	
5035	1000-2345	B R.Educacao Rural, Coari	P B	co	
5040	0659-1105	VUT Radio Vanuatu	BSL VUT		
5045	0400-1400 Fr-Su	AUS Bay Islands Radio	E AUS	ri	
5050	0000-0005 We	CHN Beibu Bay Radio	BR FE	n	
5050	0000-0005 Mo	CHN Beibu Bay Radio	KH FE	n	
5050	0000-0005 Tu	CHN Beibu Bay Radio	LAO FE	n	
5050	0000-0005 Th	CHN Beibu Bay Radio	T FE	n	
5050	0000-0005 Fr	CHN Beibu Bay Radio	VN FE	n	

5050	0100-0102	Mo-Fr CHN Beibu Bay Radio	VN FE	n
5050	0945-1030	CHN Beibu Bay Radio	M FE	n
5050	1200-1300	CHN Beibu Bay Radio	VN FE	n
5050	1300-1320	CHN Beibu Bay Radio	ZH FE	n
5050	1320-1340	CHN Beibu Bay Radio	M FE	n
5050	1340-1400 We	CHN Beibu Bay Radio	BR FE	n
5050	1340-1400 Mo	CHN Beibu Bay Radio	KH FE	n
5050	1340-1400 Tu	CHN Beibu Bay Radio	LAO FE	n
5050	1340-1400 Th	CHN Beibu Bay Radio	T FE	n
5050	1340-1400 Fr	CHN Beibu Bay Radio	VN FE	n
5050	1340-1400 SaSu	CHN Beibu Bay Radio	FE	n
5050	1400-1510	CHN Beibu Bay Radio	M FE	n
5050	1510-1515	CHN Beibu Bay Radio	E FE	n
5050	1515-1525	CHN Beibu Bay Radio	M FE	n
5050	1525-1545	CHN Beibu Bay Radio	T FE	n
5050	1545-1603	CHN Beibu Bay Radio	M FE	n
5050	2243-0102	CHN Beibu Bay Radio	M FE	n
5050	1030-1100	CHN China Radio Int.	M FE	n
5050	1100-1200	CHN China Radio Int.	VN FE	n
5050	0100-0200	CZE Radio Prague	E CAm	/USA-o
5050	0000-0100	USA WRMI Radio Miami Int.	E CAm	o
5050	0200-0500	USA WRMI Radio Miami Int.	E CAm	o
5082	1715-1725 We,Fr	POL E11 Polish Spy Numbers	E	p
5082	2000-2010 Th,Su	POL E11 Polish Spy Numbers	E	p
5085	0100-0430	USA WTTW Lebanon, TN	E NAm	L
5100	0015-0215	AUS VMC Charleville Met Fax	Oc	c
5100	0245-0330	AUS VMC Charleville Met Fax	Oc	c
5100	0400-0500	AUS VMC Charleville Met Fax	Oc	c
5100	0600-0855	AUS VMC Charleville Met Fax	Oc	c
5100	0900-0955	AUS VMC Charleville Met Fax	Oc	c
5100	1015-1715	AUS VMC Charleville Met Fax	Oc	c
5100	1800-1845	AUS VMC Charleville Met Fax	Oc	c
5100	1915-2045	AUS VMC Charleville Met Fax	Oc	c
5100	2215-2400	AUS VMC Charleville Met Fax	Oc	c
5130	1455-1755 Mo-Fr	KGZ R.Sedaye Zindagi (1-15)	AFG AFG	
5130	0000-0100 Sa	USA WBCQ The Planet	E NAm	q
5130	0000-0400 Su-Mo	USA WBCQ The Planet	E NAm	q
5130	0200-0300 Tu-Sa	USA WBCQ The Planet	E NAm	q
5145	0000-2400	AZE Baku Aero Sardina	R CAs	b
5145	0000-2400	KAZ AktyubinskAero Ambarcik	R CAs	ak
5145	0000-2400	RUS Mozdok Aero Assistant	R CAs	mz
5145	0000-2400	RUS Samara Aero Amba	R CAs	sv
5145	0000-2400	TJK Dushanbe Aero	R CAs	da
5145	0000-2400	TKM Ashgabat Aero	R CAs	as
5145	0000-2400	TKM Turkmenbashi Aero	R CAs	tb
5153.7	0000-2400	RUS Channel Marker D	-CW EEU	se
5153.8	0000-2400	RUS Channel Marker P	-CW RUS	kl
5153.9	0000-2400	RUS Channel Marker S	-CW RUS	sm

5154	0000-2400	RUS Channel Marker C	-CW RUS	m
5154.1	0000-2400	RUS Channel Marker A	-CW RUS	as
5154.2	0000-2400	RUS Channel Marker F	-CW FE	vl
5154.3	0000-2400	RUS Channel Marker K	-CW FE	pk
5154.4	0000-2400	RUS Channel Marker M	-CW FE	mg
5156.8	0000-2400	RUS Channel Marker L	-CW RUS	pt
5170	0000-2400	TWN Central Weather Bureau	M FE	q
5340	0000-2400	PTR NAU US Navy	-TY NAm	i
5367	0600-1410	RUS The Squeaky Wheel	RUS	rp
5371	0700-0710	SaSu POL E11 Polish Spy Numbers	E	p
5371	0830-0840	SaSu POL S11a Polish Spy Numbers	R	p
5398.5	1500-1530	Su G GB2RS News Broadcast	E G	xy
5409	1530-1540	Th POL E11 Polish Spy Numbers	E	p
5425	0830-0900	Su AUS VK2WI News Broadcast	E AUS	du
5425	2300-2400	Sa AUS VK2WI News Broadcast	E AUS	du
5432	1605-1615	Tu,Su POL E11 Polish Spy Numbers	E	p
5448	0530-1400	RUS The Pip (Kaplya) Rostov	-TS EEu	rp
5450	0000-2400	G RAF Volmet Military 1	E Eu	ic
5451	0000-2400	GUM Agana Guam HFDL (ID16)	-HF WOc	h
5460	0000-2400	IRL Shannon Aeradio J	E NAO	s
5475	0000-2400	ARG Córdoba Volmet x25, x45	S SAm	co
5481	0000-2400	IRL Shannon Aeradio J	E NAO	s
5484	0000-2400	IRL Shannon Aeradio I	E NAO	s
5499	0000-2400	MDG Antanan.Volmet x25,x50	E EAf	
5502	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF FE	m
5505	0000-2400	IRL Shannon Volmet	E Eu	s
5508	0000-2400	USA San Francisco HFDL(ID1)	-HF WNA	dx
5514	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m
5517	0000-2400	SOM Mogadishu Radio	E EAf	ma
5520	0000-2400	USA New York Radio	E Car	bg
5525	0000-2400	CHN BAF Beijing Meteo Fax	FE	bm
5529	0000-2400	AFS Johannesburg HFDL (ID8)	-HF SAm	j
5529	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba
5538	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba
5541	0600-1800	S Stockholm Radio (Air)	E NEu	gr
5541	1800-0600	S Stockholm Radio (Air)	E Eu	gr
5544	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba
5544	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF ME	m
5547	0000-2400	IRL Shannon HFDL (ID7)	-HF NAO	s
5547	0000-2400	USA San Francisco Radio CEP	E EOc	dx
5550	0000-2400	TRD Piarco Radio CAR-B	E Car	
5550	0000-2400	USA New York Radio	E Car	bg
5559	0000-2400	IRL Shannon Aeradio J	E NAO	s
5565	0000-2400	PNG Lae Aero	E WOc	ln
5565	0000-2400	SEN Dakar Radio	E WAf	y
5568	0000-2400	IRL Shannon Aeradio I	E NAO	s
5568	0000-2400	RUS AstrakhanAero Serioshka	R EEu	an
5568	0000-2400	RUS Elista Aero Triol	R EEu	el

5568	0000-2400	RUS Krasnodar Aero Tyurik	R	EEu	k1
5568	0000-2400	RUS Maykop Aero Atlantida3	R	EEu	mp
5568	0000-2400	RUS Makhachkala Aero Ridan	R	EEu	mk
5568	0000-2400	RUS MinVody Aero Shpora	R	EEu	mi
5568	0000-2400	RUS MinVody Aero Ubezhishe	R	EEu	mi
5568	0000-2400	RUS Mozdok Aero Assistent	R	EEu	mz
5568	0000-2400	RUS Nalchik Aero Tosno	R	EEu	nc
5568	0000-2400	RUS Rostov Aero Shpora	R	EEu	rv
5568	0000-2400	RUS Sochi Aero Shtat	R	EEu	so
5568	0000-2400	RUS Stavropol Aero Tom	R	EEu	s2
5568	0000-2400	RUS Vladikavkaz Aero Stavok	R	EEu	vz
5568	0000-2400	RUS Volgograd Aero Avrora	R	EEu	vo
5574	0000-2400	USA San Francisco Radio CEP	E	EOc	dx
5577	0000-2400	IRL Shannon Aeradio J	E	NAO	s
5583	0000-2400	IRL Shannon Aeradio H	E	NAO	s
5583	0000-2400	NZL Auckland HFDL (ID5)	-HF	SOc	a
5589	0000-2400	PNR Albrook HFDL (ID11)	-HF	CAM	al
5596	0000-2400	RUS Kotlas Aero	R	NEu	kt
5596	0000-2400	RUS Syktyvkar Aero Sivkar	R	RUS	sy
5598	0000-2400	AZR Santa Maria Radio A	E	NAO	sm
5598	0000-2400	CAN Gander Radio A	E	NAO	g
5598	0000-2400	IRL Shannon Aeradio A	E	NAO	s
5598	0000-2400	USA New York Radio	E	NAO	bg
5601	0000-2400	ARG Ezeiza Volmet x01	S	SAM	e
5616	0000-2400	CAN Gander Radio B	E	NAO	g
5616	0000-2400	IRL Shannon Aeradio B	E	NAO	s
5616	0000-2400	ISL Iceland Radio B	E	NAO	
5628	0000-2400	USA San Francisco Radio NP	E	NOc	/ALS-ba
5628	0000-2400	USA San Francisco Radio NP	E	NOc	/HWA-m
5637	0000-2400	ROU Bucuresti Aero	RO	Eu	b
5643	0000-2400	AUS Brisbane Radio	E	Oc	ae
5643	0000-2400	FJI Nadi Radio	E	Oc	n
5643	0000-2400	MAU Mauritius Radio	E	EAF	
5643	0000-2400	NZL Auckland Radio	E	Oc	a
5643	0000-2400	OCE Tahiti Radio	E	Oc	fa
5643	0000-2400	PAQ Isla de Pascua Radio	E	Oc	
5643	0000-2400	USA San Francisco Radio CWP	E	WOc	/HWA-m
5643	0000-2400	USA San Francisco Radio SP	E	Oc	/HWA-m
5649	0000-2400	CAN Gander Radio C	E	NAO	g
5649	0000-2400	IRL Shannon Aeradio C	E	NAO	s
5649	0000-2400	ISL Iceland Radio C	E	NAO	
5650	0400-1430	RUS Khanty-Mansiysk Volmet	E,R	RUS	km
5652	0000-2400	USA Riverhead HFDL (ID4)	-HF	ENA	rh
5652	0000-2400	USA San Francisco Radio CWP	E	WOc	/GUM-b
5655	0000-2400	THA Hat Yai HFDL (ID6)	-HF	SEA	hy
5673	0000-2400	LSB CHN Beijing Volmet x15,x45	E	FE	
5673	0800-2345	USB CHN Guangzhou Volmet x00,30	E	FE	
5680	0000-2400	XUU Search and Rescue Coord	E		

5688	0000-2400	RUS Nadym Aero	R	RUS	ny
5688	0000-2400	RUS Novy Urengoy Aero	R	RUS	nu
5688	0000-2400	RUS Vladikavkaz Aero Stavok	R	EEu	vz
5691	0000-2400	RUS Irkutsk Volmet x25,x55	R	Sib	iv
5702	0000-2400	F FUE French Navy USB/FSK	F	Eu	to
5714	0000-2400	F FUE French Navy USB/FSK	F	NAO	br
5716	0000-2400	PTR NAU US Navy	-TY	NAm	i
5720	0000-2400	ISL Reykjavik HFDL (ID3)	-HF	NAO	r
5753	0000-2400	RUS RIT Northern Fleet	-CW	NEu	sm
5755	1100-1730	AUS VMW Wiluna Met Fax		Oc	w
5755	1800-1845	AUS VMW Wiluna Met Fax		Oc	w
5755	1915-2045	AUS VMW Wiluna Met Fax		Oc	w
5765	0000-2400	spur B Rádio Voz Missionária	P	B	cb
5779	1730-1740	Th POL E11 Polish Spy Numbers	E		p
5800	0130-0200	SVK Radio Slovakia Int.	E	LAm	/USA-o
5800	0100-0400	USA WRMI Radio Miami Int.	E	LAm	o
5815	1800-1830	CLA Furusato no Kaze	J	KRE	/UZB
5815	1730-1800	CLA Nippon no Kaze	K	KRE	/UZB
5825	2200-0100	CHL R.Triunfal Evangélica	S	CHL	t
5827	0000-2400	RUS Air Force Bear Net	R	RUS	m
5845	1430-1500	Mo-Fr G BBC	K	FE	/UZB
5845	1530-1600	Mo-Fr G BBC	K	FE	/UZB
5845	1630-1700	Mo-Fr G BBC	K	FE	/UZB
5845	1730-1800	Mo-Fr G BBC	K	FE	/UZB
5845	1900-0400	irr RUS Russkoye Piratskoye R.	R	EEu	k
5850	2300-2330	CZE Radio Prague	F	WNA	/USA-o
5850	2330-2400	CZE Radio Prague	E	WNA	/USA-o
5850	0000-0030	SVK Radio Slovakia Int.	SK	WNA	/USA-o
5850	0030-0100	SVK Radio Slovakia Int.	E	WNA	/USA-o
5850	0300-0330	SVK Radio Slovakia Int.		WNA	/USA-o
5850	0330-0400	SVK Radio Slovakia Int.		WNA	/USA-o
5850	1130-1200	SVK Radio Slovakia Int.	E	WNA	/USA-o
5850	2200-2230	SVK Radio Slovakia Int.	E	WNA	/USA-o
5850	0100-1300	USA WRMI Radio Miami Int.	E	WNA	o
5850	1100-1130	USA WRMI Radio Miami Int.	M	WNA	o
5850	2230-2300	USA WRMI Radio Miami Int.	E	WNA	o
5855.6	0000-2400	KOR HLL Seoul Meteo	K,E	FE	sg
5890	0300-0500	Tu-Sa USA WWCR 4 Nashville, TN	E	NAm	n
5895	0559-2305	NOR Radio Northern Star	NO	NEu	be
5900	0000-2400	B Rádio Casa AM	P	B	am
5900	1930-2000	CAN Bible Voice	A	ME	/BUL-s
5900	1200-1400	CHN CNR1 Jammer/Firedrake	M	FE	
5900	2000-2058	KOR National Unity Bc.Sta.	K	KRE	/TWN-s
5900	1900-1930	TWN Radio Taiwan Int.	D	Eu	/BUL-s
5900	2005-0500	USA Brother Stair	E	Eu	/BUL-s
5910	0000-2400	CLM Alcaravan Radio	S	SAm	pl
5915	0230-0530	MYA Myanma Radio	BR	SEA	n
5915	0630-1400	MYA Myanma Radio	BR	SEA	n

5915	2315-0230	MYA Myanma Radio	BR	SEA	n
5920	0100-0400	EQA HCJB Voice of Andes	D	CEu	/D-we
5920	0400-0500	EQA HCJB Voice of Andes	R	CEu	/D-we
5920	0500-2300	EQA HCJB Voice of Andes	D	CEu	/D-we
5920	1905-1935	Mo-Fr EQA HCJB Voice of Andes	D-P	CEu	/D-we
5920	2300-0100	EQA HCJB Voice of Andes	R	CEu	/D-we
5920	0100-0200	irr F TDF DIGITAL	F	NAO	i
5920	0130-0600	USA WTTW Lebanon, TN	E	NAm	L
5925	1000-1705	CHN CNR5 Cross-Strait Radio	M	TWN	B
5925	2055-2300	CHN CNR5 Cross-Strait Radio	M	TWN	B
5925	2300-2400	CHN CNR5 Cross-Strait Radio	M	TWN	B
5930	0000-2400	DNK World Music Radio	E	Eu	i
5930	2000-2100	irr F TDF DIGITAL	F	Waf	i
5935	1915-1930	Su CAN Bible Voice	E	ME	/D-n
5935	0300-0600	CHN Xizang RTV	M	CHN	t
5935	0600-0900	We-Mo CHN Xizang RTV	M	CHN	t
5935	0900-1000	We-Mo CHN Xizang RTV	M	CHN	t
5935	1000-1800	CHN Xizang RTV	M	CHN	t
5935	2000-2100	We-Mo CHN Xizang RTV	M	CHN	t
5935	2100-0300	CHN Xizang RTV	M	CHN	t
5935	2300-1300	USA WWCR 2 Nashville, TN	E	NAm	n
5940	0000-2400	B Rádio Voz Missionária	P	B	cb
5940	0000-2400	irr HOL Radio Piepzender	NL	Eu	zw
5943	2100-2110	Fr RUS S06 Russian Spy Numbers	R	RUS	xx
5945	1000-1805	CHN China National Radio 1	M	CHN	b
5945	2023-0100	CHN China National Radio 1	M	CHN	b
5945	1830-1930	TUR Voice of Turkey	D	Eu	e
5950	0000-0500	USA WRMI Radio Miami Int.	E	ENA	o
5955	1000-1100	CHN China Radio Int.	E	FE	x
5955	1100-1300	CHN China Radio Int.	E	FE	b
5955	1300-1400	CHN China Radio Int.	E	FE	b
5955	1400-1500	CHN China Radio Int.	E	FE	b
5955	1500-1600	CHN China Radio Int.	E	FE	b
5955	0000-2400	HOL Radio Veronica	NL	HOL	ov
5955	1500-1530	ROU Radio Romania Int.	I	SEu	s
5955	1530-1600	ROU Radio Romania Int.	ARO	SEE	s
5955	1600-1630	ROU Radio Romania Int.	UK	UKR	s
5955	1630-1700	ROU Radio Romania Int.	SR	SEu	s
5955	1700-1730	ROU Radio Romania Int.	I	SEu	s
5955	1730-1800	ROU Radio Romania Int.	ARO	SEE	s
5955	1800-1830	ROU Radio Romania Int.	UK	UKR	s
5955	1830-1900	ROU Radio Romania Int.	SR	SEu	s
5955	1900-1930	ROU Radio Romania DIGITAL	I	SEu	s
5955	1930-2000	ROU Radio Romania Int.	ARO	SEE	s
5960	1200-1400	CHN PBS Xinjiang	M	CHN	uc
5960	1400-1800	CHN PBS Xinjiang	M	CHN	uc
5960	2300-0300	CHN PBS Xinjiang	M	CHN	uc
5960	2100-2200	irr F TDF DIGITAL	F	SEu	i

5960	2200-2300 irr	F TDF DIGITAL	F SEu	i	
5960	2000-2030	ROU Radio Romania Int.	UK UKR	s	
5960	2030-2100	ROU Radio Romania Int.	SR SEu	s	
5960	2300-2400	TUR Voice of Turkey	E ENA	e	
5965	1000-1805	CHN China National Radio 1	M CHN	n	
5965	0900-1000	CHN China Radio Int.	M FE	b	
5965	1000-1100	CHN China Radio Int.	M FE	b	
5965	1100-1200	CHN China Radio Int.	K FE	x	
5965	1200-1300	CHN China Radio Int.	K FE	x	
5965	1300-1400	CHN China Radio Int.	K FE	x	
5965	1400-1500	CHN China Radio Int.	TAM SAs	ka	
5965	1400-1500	CHN China Radio Int.	K FE	x	
5965	1500-1600	CHN China Radio Int.	R Sib	b	
5970	1600-1800	CHN China Radio Int.	D WEu	x	
5970	0350-0650	CHN PBS Gannan	TB CHN	he	
5970	1020-1410	CHN PBS Gannan	TB CHN	he	
5970	2215-0100	CHN PBS Gannan	TB CHN	he	
5970	0200-0300 irr	F TDF DIGITAL	F NAO	i	
5970	2000-2100 irr	F TDF DIGITAL	F NEu	i	
5975	0600-0800 Th-Tu	CHN China National Radio 8	K CHN	B	
5975	0800-0900 Th-Tu	CHN China National Radio 8	M CHN	B	
5975	0900-1400	CHN China National Radio 8	K CHN	B	
5975	1400-1505	CHN China National Radio 8	M CHN	B	
5975	2200-2300	CHN China Radio Int.	M SAF	b	
5975	1400-1500	G BBC	DR AFG	/OMA-a	
5975	1500-1600	G BBC	PS AFG	/OMA-a	
5980	1500-1600	CHN China Radio Int.	J FE	x	
5980	2200-2300 We	DNK Radio OZ-Viola	Eu	h	
5980	0000-0100 irr	F TDF DIGITAL	F WAF	i	
5980	0300-0400 irr	F TDF DIGITAL	F SEu	i	
5980	1700-2200	TUR Voice of Turkey	TU Eu	e	
5985	2025-2400	CHN China National Radio 1	M CHN	n	
5985	1000-1100	CHN China Radio Int.	R Sib	h	
5985	1100-1200	CHN China Radio Int.	R Sib	h	
5985	1130-1200	CHN China Radio Int.	TAG PHL	b	
5985	1600-1700	CHN China Radio Int.	SWA EAF	b	
5985	1700-1800	CHN China Radio Int.	SWA EAF	b	
5985	1900-2000	CHN China Radio Int.	P SAF	b	
5985	2000-2100	CHN China Radio Int.	E SAF	b	
5985	2200-2300	CHN China Radio Int.	J FE	x	
5985	1300-1330 156	J Shiokaze	J KRE	y	
5985	1300-1400 We	J Shiokaze	E KRE	y	
5985	1300-1400 Su	J Shiokaze	J KRE	y	
5985	1300-1400 Tu,Th	J Shiokaze	K KRE	y	
5985	1330-1400 156	J Shiokaze	K KRE	y	
5985	1115-1530	MYA Myanma Radio	BR SEA	y	
5985	1530-1630	MYA Myanma Radio	E SEA	y	
5985	2300-0130	MYA Myanma Radio	BR SEA	y	

5990	0000-0100	CHN China Radio Int.	S Car	/CUB
5990	0000-0100	CHN China Radio Int.	R Sib	h
5990	1200-1300	CHN China Radio Int.	MO Sib	h
5990	1300-1400	CHN China Radio Int.	R Sib	h
5990	1400-1500	CHN China Radio Int.	MO Sib	h
5990	1500-1600	CHN China Radio Int.	R Sib	h
5990	2300-2400	CHN China Radio Int.	E CAm	/CUB
5990	2300-2400	CHN China Radio Int.	R Sib	h
5990	0600-0855 We-Mo	CHN PBS Qinghai	TB CHN	xg
5990	0855-1600	CHN PBS Qinghai	TB CHN	xg
5990	2250-0600	CHN PBS Qinghai	TB CHN	xg
5990	1000-1600 irr	D Studio 52	Eu	n
5990	0000-2400 irr	HOL Radio Piepzender	NL Eu	zw
5990	1700-1730 We	CZE Radio Prague	R EEU	/UAE
5990	1700-1730 Mo	E Radio Exterior España	R EEU	/UAE
5990	1900-1930 Sa	E Radio Exterior España	R EEU	/UAE
5990	1700-1730 Su	G BBC	R EEU	/UAE
5990	1700-1800 Sa	G BBC	R EEU	/UAE
5990	1700-2000	RUS WRN Vsemirnaya Radioset	R EEU	/UAE
5990	1930-2000	SVK Radio Slovakia Int.	R EEU	/UAE
5990	1730-1800 Mo	UN United Nations Radio	R EEU	/UAE
5995	2055-2400	CHN CNR 2 China Business R.	M CHN	n
5995	0700-0300	KRE Noise Jammer	KRE	
5995	0555-0800	MLI Radio Mali	BM Waf	k
5995	0630-0645	MLI Radio Mali	F Waf	k
5995	1800-0001	MLI Radio Mali	BM Waf	k
5995	1850-1905 Sa	MLI Radio Mali	E Waf	k
6000	0800-0900 We-Mo	CHN China National Radio 1	M CHN	b
6000	0900-1805	CHN China National Radio 1	M CHN	b
6000	2023-0100	CHN China National Radio 1	M CHN	b
6000	2055-2400	CHN CNR 2 China Business R.	M CHN	x
6000	0000-0100 Tu-Fr	CUB Radio Habana Cuba	S ENA	q
6000	0100-0700	CUB Radio Habana Cuba	E ENA	q
6000	1200-1400	CUB Radio Habana Cuba	S CNA	q
6000	0100-0300	TUR Voice of Turkey	TU CAs	e
6005	1000-1700	D Shortwave Service Kall	CEu	k
6005	1900-1930	TWN Radio Taiwan Int.	F Eu	/BUL-s
6010.1	0000-2400	B Rádio Inconfidência	P B	c
6010	1000-1605	CHN China National Radio 11	TB CHN	as
6010	2155-2300	CHN China National Radio 11	M CHN	as
6010	2300-2400	CHN China National Radio 11	TB CHN	as
6010	1600-1700	CHN China Radio Int.	VN SEA	b
6010	1800-1900	CHN China Radio Int.	AM SEu	u
6010	2200-1000 Test	CLM La Voz de tu Conciencia	S CLM	pl
6010	1700-1800	ROU Radio Romania Int.	RO ME	g
6015	1155-1800	CHN PBS Xinjiang	KZ CHN	uc
6015	2300-0350	CHN PBS Xinjiang	KZ CHN	uc
6015	0400-0500 irr	F TDF DIGITAL	F SEu	i

6015	0700-0800 irr	F TDF DIGITAL	F NEu	i	
6015	0350-1400	KOR KBS Hanminjok	K FE	h	
6015	1400-2400	KOR KBS Hanminjok	K FE	h	
6015	0350-2400	KRE Noise Jammer	KRE		
6017	2230-0200 irr	CLM Organ.Radial El Prado	S CLM		
6020	0100-0200	CHN China Radio Int.	UR SAs	ka	
6020	0200-0300	CHN China Radio Int.	UR SAs	ka	
6020	1900-2000	CHN China Radio Int.	AL SEE	s	
6020	2000-2100	CHN China Radio Int.	PO Eu	s	
6020	2100-2300	CHN China Radio Int.	S SEu	s	
6020	0500-1100	SaSu HOL Radio Casanova	NL Eu	w	
6025	2300-2400	CHN China National Radio 11	TB CHN	t	
6025	1500-1600	CHN China Radio Int.	R CAs	x	
6025	0000-0200	CHN Xizang RTV	TB CHN	t	
6025	0200-0700	CHN Xizang RTV	TB CHN	t	
6025	0700-0800	We-Mo CHN Xizang RTV	E CHN	t	
6025	0800-1000	We-Mo CHN Xizang RTV	TB CHN	t	
6025	1000-1600	CHN Xizang RTV	TB CHN	t	
6025	1600-1700	CHN Xizang RTV	E CHN	t	
6025	1700-1805	CHN Xizang RTV	TB CHN	t	
6025	2050-2300	CHN Xizang RTV	TB CHN	t	
6030	0600-0900	We-Mo CHN CNR1 DIGITAL	M CHN	b	
6030	0900-1805	CHN CNR1 DIGITAL	M CHN	b	
6030	2025-0600	CHN CNR1 DIGITAL	M CHN	b	
6030	1100-1605	CHN CNR 2 China Business R.	M CHN	n	
6030	1800-2100	24Dec D NDR Gruß an Bord	D NAO	/F-i	
6030	0253-2015	ETH Radio Oromiya	OO EAF	j	
6030	2100-2130	ROU Radio Romania Int.	F SEu	g	
6030	2130-2200	ROU Radio Romania Int.	E WEu	g	
6030	2300-2400	ROU Radio Romania Int.	E WEu	g	
6035	0946-1000	CHN Yunnan Radio Int.	-MX CHN	kl	
6035	1000-1030	CHN Yunnan Radio Int.	VN CHN	kl	
6035	1030-1200	CHN Yunnan Radio Int.	M CHN	kl	
6035	1200-1300	CHN Yunnan Radio Int.	M CHN	kl	
6035	1300-1330	CHN Yunnan Radio Int.	VN CHN	kl	
6035	1330-1500	CHN Yunnan Radio Int.	M CHN	kl	
6035	0000-0200	G BBC	E SAs	/UZB	
6040	0500-0600	ALG Ifrikya FM	A WAF	o	
6040	0900-1505	CHN China National Radio 8	K CHN	b	
6040	1600-1700	CHN China Radio Int.	R EEu	u	
6040	1700-1800	CHN China Radio Int.	R EEu	u	
6040	2055-0030	CHN CNR 2 China Business R.	M CHN	B	
6040	0600-0950	We-Mo CHN PBS Nei Menggu	MO CHN	hh	
6040	0950-1605	CHN PBS Nei Menggu	MO CHN	hh	
6040	2150-0600	CHN PBS Nei Menggu	MO CHN	hh	
6040	1900-2000 irr	F TDF DIGITAL	F SEu	i	
6040	1800-1900	KOR KBS World Radio	R EEu	/G-w	
6045	1600-1630	CLA Furusato no Kaze	J KRE	/TWN-s	

6045	1100-1400	irr D	Radio 60	Eu	n	
6045	0900-1400	irr D	Various Stations	Eu	n	
6045	1405-1435	J	Shiokaze	J	KRE	y
6050	1200-1300	CHN	China Radio Int.	MO	Sib	h
6050	1300-1400	CHN	China Radio Int.	R	Sib	h
6050	0300-0600	CHN	Xizang RTV	M	CHN	t
6050	0600-0900	We-Mo	CHN Xizang RTV	M	CHN	t
6050	0900-1000	We-Mo	CHN Xizang RTV	M	CHN	t
6050	1000-1800	CHN	Xizang RTV	M	CHN	t
6050	2000-2100	We-Mo	CHN Xizang RTV	M	CHN	t
6050	2100-0300	CHN	Xizang RTV	M	CHN	t
6050	0000-0030	EQA	HCJB Voice of Andes	COF	SAm	c
6050	0030-0100	EQA	HCJB Voice of Andes	WAO	SAm	c
6050	0100-0130	Su-Mo	EQA HCJB Voice of Andes	Q	SAm	c
6050	0100-0130	Tu-Sa	EQA HCJB Voice of Andes	S	SAm	c
6050	0130-0235	EQA	HCJB Voice of Andes	Q	SAm	c
6050	0235-0500	EQA	HCJB Voice of Andes	S	SAm	c
6050	0923-1100	EQA	HCJB Voice of Andes	Q	SAm	c
6050	1100-1403	EQA	HCJB Voice of Andes	S	SAm	c
6050	2100-2130	EQA	HCJB Voice of Andes	S	SAm	c
6050	2130-2200	EQA	HCJB Voice of Andes	CHA	SAm	c
6050	2200-2330	EQA	HCJB Voice of Andes	Q	SAm	c
6050	2330-2400	EQA	HCJB Voice of Andes	SUA	SAm	c
6050	0555-1000	LBR	ELWA Radio	E	Waf	
6050	1700-2232	LBR	ELWA Radio	E	Waf	
6050	1930-2030	TUR	Voice of Turkey	E	WEu	e
6055	1400-1500	CHN	China Radio Int.	KH	SEA	n
6055	1800-2000	CHN	China Radio Int.	F	Waf	ka
6055	1130-1200	SaSu D	Evang.Missionsgemeinden	D	Eu	n
6055	1200-1400	SaSu	DNK Radio OZ-Viola	Eu	h	
6055	0000-0750	J	Radio Nikkei 1	J	FE	c
6055	0750-1500	J	Radio Nikkei 1	J	FE	c
6055	1430-1450	We J	Radio Nikkei 1	E	FE	c
6055	1500-1530	Fr J	Radio Nikkei 1	J	FE	c
6055	2200-2300	Su-Th J	Radio Nikkei 1	J	FE	c
6055	2300-2400	Su-Th J	Radio Nikkei 1	J	FE	c
6060	1600-1700	CHN	China Radio Int.	E	SEA	k
6060	1000-1100	CHN	Sichuan Ethnic Radio	YI	CHN	c
6060	1100-1130	CHN	Sichuan Ethnic Radio	KHA	CHN	c
6060	1130-1200	CHN	Sichuan Ethnic Radio	AMD	CHN	c
6060	1200-1515	CHN	Sichuan Ethnic Radio	KHA	CHN	c
6060	2155-2300	CHN	Sichuan Ethnic Radio	M	CHN	c
6060	2300-2330	CHN	Sichuan Ethnic Radio	AMD	CHN	c
6060	2330-0130	CHN	Sichuan Ethnic Radio	KHA	CHN	c
6060	0500-0600	irr F	TDF DIGITAL	F	SEu	i
6060	0600-0700	irr F	TDF DIGITAL	F	SEu	i
6060	1700-2300	Fr-Su	HOL Radio Casanova	NL	Eu	w
6065	0200-0230	CHN	China Radio Int.	PS	AFG	ka

6065	1200-1605	CHN CNR 2 China Business R.	M	CHN	B
6065	2055-2330	CHN CNR 2 China Business R.	M	CHN	B
6065	1950-2050	J Shiokaze	J	KRE	y
6065	0300-0400	USA Adventist World Radio	MSY	EAF	/MDG
6065	1500-1600	USA Adventist World Radio	MSY	EAF	/MDG
6070	0000-2400	CAN CFRX Toronto, CFRB 1010	E	NAm	t
6070	1700-1800	CHN China Radio Int.	R	CAs	x
6070	1800-1900	CHN China Radio Int.	R	CAs	b
6070	0000-2400	D Channel 292	D,E	Eu	r
6070	1200-1300	9Nov D SM Radio Dessau	D	Eu	r
6070	1300-1400	23Nov D SM Radio Dessau	D	Eu	r
6070	0900-1300	KRE Voice of Korea	J	J	k
6075	0800-0900	ALS KNLS New Life Station	E	FE	ap
6075	0000-1600	CHN China National Radio	M	CHN	xg
6075	1400-1700	CHN China National Radio 1	M	FE	qq
6075	2200-2400	CHN China National Radio 1	M	FE	b
6075	1400-1500	CHN China Radio Int.	UR	SAs	ka
6075	1500-1600	CHN China Radio Int.	UR	SAs	ka
6075	1400-1500	TWN Radio Taiwan Int.	M	CHN	k
6075	1500-1600	TWN Radio Taiwan Int.	M	CHN	k
6075	1600-1700	TWN Radio Taiwan Int.	M	CHN	k
6075	2200-2400	TWN Radio Taiwan Int.	M	CHN	k
6080	1200-1805	CHN China National Radio 1	M	CHN	q
6080	2023-0100	CHN China National Radio 1	M	CHN	q
6080	1100-1200	CHN China Radio Int.	R	Sib	b
6080	0935-1430	CHN PBS Hulun Buir	MO	CHN	ha
6080	2150-0230	CHN PBS Hulun Buir	MO	CHN	ha
6080	1800-2100	24Dec D NDR Gruß an Bord	D	NEu	/UZB
6085	0800-1800	D Shortwave Service Kall	CEu		k
6090	1600-1700	CHN China Radio Int.	HK	EAF	x
6090	1700-1800	CHN China Radio Int.	E	SEA	k
6090	1900-1930	CHN China Radio Int.	RO	EEu	u
6090	1930-2000	CHN China Radio Int.	RO	EEu	u
6090	0100-0300	CHN CNR 2 China Business R.	M	CHN	q
6090	1000-1100	CHN CNR 2 China Business R.	M	CHN	q
6090	1100-1605	CHN CNR 2 China Business R.	M	CHN	q
6090	2055-0100	CHN CNR 2 China Business R.	M	CHN	q
6090	0252-2100	ETH Amhara State Radio	AH	EAF	j
6090	1700-1800	irr F TDF DIGITAL	F	SEu	i
6090	1800-1900	irr F TDF DIGITAL	F	WEu	i
6090	1700-1800	G BBC	DR	AFG	/OMA-a
6090	1800-1900	G BBC	PS	AFG	/OMA-a
6090	2000-2100	KOR KBS World Radio	A	ME	/G-w
6095	1500-1600	CHN China Radio Int.	E	NAf	ka
6095	1200-1300	2.Su D SM Radio Dessau	D	Eu	n
6095	1300-1400	23Nov D SM Radio Dessau	D	Eu	n
6095	0900-1400	irr D Various Stations		Eu	n
6095	0900-1000	1.Su D Welle 370	D	Eu	n

6095	1130-1230	KOR KBS World Radio	M	CHN	k
6095	1230-1330	KOR KBS World Radio	M	CHN	k
6100	0000-0100	CHN China Radio Int.	P	SAm	b
6100	1100-1200	CHN China Radio Int.	MO	MNG	u
6100	1200-1300	CHN China Radio Int.	R	Sib	b
6100	1300-1400	CHN China Radio Int.	MO	MNG	u
6100	1400-1500	CHN China Radio Int.	E	ME	u
6100	1500-1600	CHN China Radio Int.	M	SEA	b
6100	1700-1800	CHN China Radio Int.	E	Eu	b
6100	1800-1900	CHN China Radio Int.	E	Eu	b
6100	1900-2000	CHN China Radio Int.	R	EEu	b
6100	2000-2200	CHN China Radio Int.	A	NAf	x
6100	2200-2300	CHN China Radio Int.	M	SEA	k
6100	2200-2300	CHN China Radio Int.	S	SAm	b
6100	2300-2400	CHN China Radio Int.	P	SAm	b
6100	2330-0030	CHN China Radio Int.	SI	CLN	k
6100	1950-1800	KRE KCBS Pyongyang	K	KRE	k
6100	1700-1730	SaSu SWZ Trans World Radio	YAO	MOZ	
6105	1000-1230	CHN China National Radio 1	M	CHN	qq
6105	1300-1400	CHN China National Radio 1	M	CHN	qq
6105	2200-2400	CHN China National Radio 1	M	CHN	qq
6105	1500-1600	CHN China Radio Int.	R	EEu	s
6105	0200-0400	J NHK Radio Japan	J	CAm	/F-i
6105	0900-1000	TWN Radio Taiwan Int.	HK	FE	k
6105	1000-1100	TWN Radio Taiwan Int.	M	FE	k
6105	1100-1200	TWN Radio Taiwan Int.	M	FE	k
6105	1200-1230	TWN Radio Taiwan Int.	CA	FE	k
6105	1230-1300	TWN Radio Taiwan Int.	HK	FE	k
6105	1300-1400	TWN Radio Taiwan Int.	M	FE	k
6105	2200-2400	TWN Radio Taiwan Int.	M	FE	k
6110	1400-1500	ALS KNLS New Life Station	E	FE	ap
6110	2300-2400	CHN China National Radio 11	TB	CHN	t
6110	1900-2000	CHN China Radio Int.	R	CAs	x
6110	0000-0200	CHN Xizang RTV	TB	CHN	t
6110	0200-0330	CHN Xizang RTV	TB	CHN	t
6110	1100-1600	CHN Xizang RTV	TB	CHN	t
6110	1600-1700	CHN Xizang RTV	E	CHN	t
6110	1700-1805	CHN Xizang RTV	TB	CHN	t
6110	2050-2300	CHN Xizang RTV	TB	CHN	t
6110	0255-2101	ETH Fana Broadcasting Corp.	AH	EAF	j
6115	0000-2400	spur B Rádio Voz Missionária	P	B	cb
6115	2030-2230	CHN China Radio Int.	F	SEu	b
6115	1600-1800	irr COG Radio Congo	KT	CAf	b
6115	1800-1900	irr COG Radio Congo	F	CAf	b
6115	1000-1200	SaSu D Radio SE-TA2	D	Eu	ge
6115	1530-1600	Mo-Fr G BBC	K	FE	/TJK
6115	1630-1700	Mo-Fr G BBC	K	FE	/TJK
6115	1730-1800	Mo-Fr G BBC	K	FE	/TJK

6115	0000-0800	SaSu J	Radio Nikkei 2	J	FE	c	
6115	0000-1000	Mo-Fr J	Radio Nikkei 2	J	FE	c	
6115	2300-2400	Su-Th J	Radio Nikkei 2	J	FE	c	
6115	1100-1258		KOR National Unity Bc.Sta.	K	KRE		/TWN-s
6115	1233-1252	irr	KOR National Unity Bc.Sta.	E	KRE		/TWN-s
6120	0200-0300		CHN PBS Xinjiang	UI	CHN	uc	
6120	1200-1400		CHN PBS Xinjiang	UI	CHN	uc	
6120	1400-1800		CHN PBS Xinjiang	UI	CHN	uc	
6120	2300-0200		CHN PBS Xinjiang	UI	CHN	uc	
6120	0000-2400	irr	FIN Radio Blacksmith Knoll	FI	NEu		pk
6120	1930-2200		TUR Voice of Turkey	TU	ME	e	
6125	1000-1805		CHN China National Radio 1	M	CHN	b	
6125	1000-1805		CHN China National Radio 1	M	CHN	s	
6125	2023-2300		CHN China National Radio 1	M	CHN	b	
6125	2023-2400		CHN China National Radio 1	M	CHN	s	
6125	0400-0500		TUR Voice of Turkey	E	ENA	e	
6130	2300-2400		CHN China National Radio 11	TB	CHN	t	
6130	0000-0200		CHN Xizang RTV	TB	CHN	t	
6130	0200-0700		CHN Xizang RTV	TB	CHN	t	
6130	0700-0800	We-Mo	CHN Xizang RTV	E	CHN	t	
6130	0800-1000	We-Mo	CHN Xizang RTV	TB	CHN	t	
6130	1000-1600		CHN Xizang RTV	TB	CHN	t	
6130	1600-1700		CHN Xizang RTV	E	CHN	t	
6130	1700-1805		CHN Xizang RTV	TB	CHN	t	
6130	2050-2300		CHN Xizang RTV	TB	CHN	t	
6130	0000-2400		HOL Radio Europe	NL	WEu	a	
6135	0000-2400	irr	B Rádio Scalla FM	P	B	xx	
6135	1400-1500		CHN China Radio Int.	E	SEA	x	
6135	1500-1600		CHN China Radio Int.	E	SEA	x	
6135	2100-2200		CHN China Radio Int.	HR	Eu	b	
6135	0529-0600	G	BBC	HA	Waf		/ASC
6135	1405-1435	J	Shiokaze	J	KRE	y	
6140	1800-1900	Mo-Sa	BEL Radio Augusta Int.	E	WEu		/LUX-j
6140	1700-2200		BEL Radio Onda	F	Eu		/LUX-j
6140	1700-1800		CHN China Radio Int.	E	SAs	ka	
6140	2200-2300		CHN China Radio Int.	M	SEA	k	
6140	2300-2400		CHN China Radio Int.	CA	SEA	k	
6140	0900-1000	Su	D Various Stations		Eu	n	
6140	1950-1400		KRE KCBS DIGITAL	K	KRE	p	
6140	0600-2100		SUI Radio Gloria	D	Eu		/LUX-j
6145	1400-1700		CHN China National Radio 1	M	CHN	a	
6145	1500-1805		CHN China National Radio 17	KZ	CHN	L	
6145	1520-1530	Mo-Fr	CHN China National Radio 17	E,R	CHN		L
6145	1720-1730	Mo-Fr	CHN China National Radio 17	E,R	CHN		L
6145	2200-2300		CHN China Radio Int.	E	FE	b	
6145	2300-2400		CHN China Radio Int.	E	FE	b	
6145	0600-0900	We-Mo	CHN PBS Qinghai	M	CHN	xg	
6145	0900-1600		CHN PBS Qinghai	M	CHN	xg	

6145	2200-0600	CHN PBS Qinghai	M	CHN	xg	
6145	0500-0600	ROU Radio Romania Int.	RO	SEu	g	
6145	1400-1500	TWN Radio Taiwan Int.	M	CHN	k	
6145	1500-1600	TWN Radio Taiwan Int.	M	CHN	k	
6145	1600-1700	TWN Radio Taiwan Int.	M	CHN	k	
6150	0000-2400	B Rádio Saturno	P	B	bh	
6150	1830-1900 Su	CAN Bible Voice	S	SEu	/D-n	
6150	1730-1830	CHN China Radio Int.	M	Eu	s	
6150	1100-1200	CHN CNR1 Jammer/Firedrake	M	FE	a	
6150	0500-0700 irr	D Europa24	D	Eu	dt	
6150	0700-1500	D Europa24	D	Eu	dt	
6150	0300-0500	J NHK Radio Japan	J	NAf	/F-i	
6150	1100-1200	TWN Radio Taiwan Int.	M	FE	k	
6150	1200-1300	TWN Radio Taiwan Int.	AM	FE	k	
6155	2000-2100	CHN China Radio Int.	R	EEu	b	
6155	2055-0100	CHN CNR 2 China Business R.	M	CHN	B	
6155	1700-1730	CLA Furusato no Kaze	J	KRE	/TWN-s	
6155	1630-1700	CLA Nippon no Kaze	K	KRE	/TWN-s	
6155	2300-2400 irr	F TDF DIGITAL	F	NAf	i	
6155	0000-0100	G BBC	E	SAs	/OMA-a	
6155	1430-1500 Mo-Fr	G BBC	K	FE	/TJK	
6155	1530-1600 Mo-Fr	G BBC	K	FE	/TJK	
6155	0800-0900	KOR KBS World Radio	J	FE	k	
6155	0900-1000	KOR KBS World Radio	J	FE	k	
6160	1800-2000	CHN China Radio Int.	D	WEu	x	
6160	0800-1600 Mo-Fr	D Shortwave Radio Gold	D,E	WEu	wa	
6160	0800-1600 SaSu	D Shortwave Radio Gold	D,E	WEu	wa	
6160	1600-1800	D Shortwave Radio Gold	D,E	WEu	wa	
6160	2000-2300	D Shortwave Radio Gold	D,E	WEu	wa	
6160	1800-2100	ROU Radio Romania Int.	RO	SEu	g	
6160	0000-2400	USA WBCQ The Planet	E	NAm	q	
6165	0000-0100	CHN China National Radio 6	AM	TWN	B	
6165	0900-1100	CHN China National Radio 6	HK	TWN	B	
6165	1100-1200	CHN China National Radio 6	M	TWN	B	
6165	1200-1605	CHN China National Radio 6	M	TWN	B	
6165	2155-2400	CHN China National Radio 6	AM	TWN	B	
6165	1200-1300	CHN China Radio Int.	R	CAs	q	
6165	1300-1400	CHN China Radio Int.	R	CAs	q	
6165	1400-1500	CHN China Radio Int.	R	CAs	q	
6165	1500-1530	CHN China Radio Int.	FS	IRN	u	
6165	1530-1600	CHN China Radio Int.	PS	AFG	u	
6165	1600-1700	CHN China Radio Int.	TU	ME	u	
6165	1700-1800	CHN China Radio Int.	E	IRN	b	
6165	0430-0450	J NHK Radio Japan	R	EEu	/D-n	
6165	1600-1630 156	J Shiokaze	J	KRE	y	
6165	1600-1700 We	J Shiokaze	E	KRE	y	
6165	1600-1700 Su	J Shiokaze	J	KRE	y	
6165	1600-1700 Tu,Th	J Shiokaze	K	KRE	y	

6165	1630-1700	156 J Shiokaze	K KRE	y	
6170	0000-1900	1.Sa FIN Scandinavian Weekend R.	FI Eu	v	
6170	1900-2200	1.Sa FIN Scandinavian Weekend R.	FI Eu	v	
6170	2200-2400	1.Fr FIN Scandinavian Weekend R.	FI Eu	v	
6170	0600-1800	HOL Radio Delta Int.	NL Eu	e	
6170	1000-1100	KRE Voice of Korea	E LAm	u	
6170	1100-1200	KRE Voice of Korea	F LAm	u	
6170	1200-1250	KRE Voice of Korea KCBS	K LAm	u	
6170	1400-1600	KRE Voice of Korea	R Eu	u	
6170	1600-1700	KRE Voice of Korea	D Eu	u	
6170	1700-1800	KRE Voice of Korea	R Eu	u	
6170	1800-1900	KRE Voice of Korea	D Eu	u	
6170	1900-2000	KRE Voice of Korea	D Eu	u	
6170	2000-2050	KRE Voice of Korea KCBS	K Eu	u	
6175	1600-1700	CHN China Radio Int.	E SEA	n	
6175	1700-1800	CHN China Radio Int.	E SEA	n	
6175	2200-2300	CHN China Radio Int.	P SEu	x	
6175	1420-1435	Su SWZ Trans World Radio	SGA MOZ		
6180	0150-0155	B Rádio Nacional Amazônia	E B	b	
6180	0155-0200	B Rádio Nacional Amazônia	S B	b	
6180	0750-0207	B Rádio Nacional Amazônia	P B	b	
6180	1200-1500	CHN China National Radio 17	KZ CHN	L	
6180	1220-1232	SaSu CHN China National Radio 17	E,R CHN	L	
6180	0000-0100	CHN China Radio Int.	E SAs	ka	
6180	0100-0200	CHN China Radio Int.	E SAs	ka	
6180	0100-0200	CHN China Radio Int.	E ENA	/CUB	
6180	0200-0300	CHN China Radio Int.	M ENA	/CUB	
6180	1500-1600	CHN China Radio Int.	R EEu	u	
6180	2200-2300	CHN China Radio Int.	M SEA	k	
6180	1000-1600	CHN CNR1 Jammer/Firedrake	M FE	f	
6180	0600-0630	D DWD Pinneberg	D Eu	pi	
6180	1200-1230	D DWD Pinneberg	D Eu	pi	
6180	1600-1630	D DWD Pinneberg	D Eu	pi	
6180	2000-2030	D DWD Pinneberg	D Eu	pi	
6180	1900-2000	ROU Radio Romania Int.	D WEu	t	
6180	1000-1100	TWN Radio Taiwan Int.	M CHN	s	
6180	1100-1200	TWN Radio Taiwan Int.	M CHN	s	
6180	1200-1300	TWN Radio Taiwan Int.	M CHN	s	
6180	1300-1400	TWN Radio Taiwan Int.	M CHN	s	
6180	1400-1500	TWN Radio Taiwan Int.	M CHN	s	
6180	1500-1600	TWN Radio Taiwan Int.	M CHN	s	
6185	0943-1200	CHN China Huayi BC	M TWN	f	
6185	2300-2400	CHN China Radio Int.	MO MNG	x	
6185	0000-2400	FIN RealMix Radio	Eu	r	
6185	1000-1100	KRE Voice of Korea	E SEA	u	
6185	1100-1200	KRE Voice of Korea	F SEA	u	
6185	1200-1250	KRE Voice of Korea KCBS	K SEA	u	
6185	1300-1400	KRE Voice of Korea	M SEA	u	

6185	1400-1450	KRE Voice of Korea KCBS	K	SEA	u
6185	2200-1200	MEX Radio Educación	S	CAM	e
6190	1500-1600	CHN China Radio Int.	VN	SEA	b
6190	2055-2400	CHN CNR 2 China Business R.	M	CHN	q
6190	1200-1800	CHN PBS Xinjiang	MO	CHN	uc
6190	2300-0330	CHN PBS Xinjiang	MO	CHN	uc
6190	1100-1120	J NHK Radio Japan	K	FE	y
6190	1120-1140	J NHK Radio Japan	M	FE	y
6190	1140-1200	J NHK Radio Japan	K	FE	y
6190	1200-1220	J NHK Radio Japan	M	FE	y
6190	1220-1240	J NHK Radio Japan	K	FE	y
6190	1240-1300	J NHK Radio Japan	M	FE	y
6190	1300-1320	J NHK Radio Japan	K	FE	y
6190	1320-1340	J NHK Radio Japan	M	FE	y
6190	1340-1350	J NHK Radio Japan	K	FE	y
6195	0900-1400 irr	D Radio SE-TA2 DIGITAL	D	Eu	wh
6195	0700-0800 irr	F TDF DIGITAL	F	WEu	i
6195	1800-1900 irr	F TDF DIGITAL	F	WEu	i
6195	2000-2100 irr	F TDF DIGITAL	F	NEu	i
6195	0000-2400	FIN RealMix Radio		Eu	r
6195	0030-0100	G BBC	DR	AFG	/CVA
6195	0100-0130	G BBC	PS	AFG	/OMA-a
6195	0130-0200	G BBC	DR	AFG	/OMA-a
6195	0200-0230	G BBC	PS	AFG	/OMA-a
6195	0230-0300	G BBC	DR	AFG	/OMA-a
6195	0500-0600	TCD Radio Ndarason Int.	KNU	WAF	/G-w
6200	0000-2400 irr	B Radio Âncora, Bahia	P	B	xx
6200	2300-2400	CHN China National Radio 11	TB	CHN	t
6200	0000-0200	CHN Xizang RTV	TB	CHN	t
6200	0200-0700	CHN Xizang RTV	TB	CHN	t
6200	0700-0800 We-Mo	CHN Xizang RTV	E	CHN	t
6200	0800-1000 We-Mo	CHN Xizang RTV	TB	CHN	t
6200	1000-1600	CHN Xizang RTV	TB	CHN	t
6200	1600-1700	CHN Xizang RTV	E	CHN	t
6200	1700-1805	CHN Xizang RTV	TB	CHN	t
6200	2050-2300	CHN Xizang RTV	TB	CHN	t
6200	1228-1229	CHN Voice of Jinling	C	TWN	nj
6200	1230-1505	CHN Voice of Jinling	C	TWN	nj
6224	0033-0110	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	0303-0340	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	0433-0510	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	0703-0740	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	0903-0940	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	1233-1318	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	1503-1540	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	1633-1710	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	1903-1940	NZL ZLM Taupo Maritime R.	E	Oc	t
6224	2103-2145	NZL ZLM Taupo Maritime R.	E	Oc	t

6224	2303-2340	NZL ZLM Taupo Maritime R.	E	Oc	t
6227	0245-0300	AUS Tas Maritime Radio	E	Tas	
6227	0633-0648	AUS Tas Maritime Radio	E	Tas	
6227	2045-2100	AUS Tas Maritime Radio	E	Tas	
6230	1000-2300	AUS VMW Wiluna WA	E	AUS	w
6230	0000-2400	CHN CNR1 Jammer/Firedrake	M	CHN	
6230	0000-0100	TWN Sound of Hope	M	FE	
6230	0100-0200	TWN Sound of Hope	M	FE	
6230	0200-1200	TWN Sound of Hope	M	FE	
6230	1200-1300	TWN Sound of Hope	M	FE	
6230	1300-1400	TWN Sound of Hope	M	FE	
6230	1400-1500	TWN Sound of Hope	M	FE	
6230	1500-1600	TWN Sound of Hope	CA	FE	
6230	1600-1700	TWN Sound of Hope	M	FE	
6230	1700-2000	TWN Sound of Hope	M	FE	
6230	2000-2100	TWN Sound of Hope	M	FE	
6230	2100-2130	TWN Sound of Hope	M	FE	
6230	2130-2200	TWN Sound of Hope	M	FE	
6230	2200-2300	TWN Sound of Hope	M	FE	
6230	2300-2400	TWN Sound of Hope	M	FE	
6240	0000-2400	TKM Ashgabat Aero	E	CAs	as
6240	0000-2400	TKM Dashoguz Aero	E	CAs	ds
6250	0700-0300	KRE Noise Jammer		KRE	
6252	0915-0925 Mo,Fr	POL S11a Polish Spy Numbers	R		p
6265	0000-2400 irr	B Rádio Tury	P	B	xx
6275	0000-2400 irr	XUU Various pirates	E	Eu	/XUU
6280	0000-2400	CHN CNR1 Jammer/Firedrake	M	CHN	
6280	0000-0100	TWN Sound of Hope	M	FE	
6280	0100-0200	TWN Sound of Hope	M	FE	
6280	0200-1200	TWN Sound of Hope	M	FE	
6280	1200-1300	TWN Sound of Hope	M	FE	
6280	1300-1400	TWN Sound of Hope	M	FE	
6280	1400-1500	TWN Sound of Hope	M	FE	
6280	1500-1600	TWN Sound of Hope	M	FE	
6280	1600-1700	TWN Sound of Hope	M	FE	
6280	1700-2000	TWN Sound of Hope	M	FE	
6280	2000-2100	TWN Sound of Hope	M	FE	
6280	2100-2130	TWN Sound of Hope	M	FE	
6280	2130-2200	TWN Sound of Hope	M	FE	
6280	2200-2300	TWN Sound of Hope	M	FE	
6280	2300-2400	TWN Sound of Hope	M	FE	
6280	0000-2400 irr	XUU Various pirates	E	Eu	/XUU
6290	0000-2400 irr	XUU Various pirates	E	Eu	/XUU
6300	0000-2400 irr	XUU Various pirates	E	Eu	/XUU
6314	0140-0150	USA NMF NAVTEX Boston MA		ENA	bo
6315.5	0000-2400	CHN XSV Tianjin Radio	-TY	FE	tj
6316.5	0000-2400	CHN XSV Tianjin Radio	-TY	FE	tj
6316.2	0000-2400	I IDR Ny Roma	I	SEu	

6321.5	0000-2400	GRC SVO Olimpia Radio	-CW SEu	o
6324.5	1800-0100 Sa	USA MRHS KPH Bolinas, CA	-TY WNA	pr
6326	0000-2400	CHN XSG Shanghai Radio	-TY FE	sh
6328.5	0330-0355	RUS RBW Murmansk Meteo Fax	NEu	mm
6328.5	1030-1055	RUS RBW Murmansk Meteo Fax	NEu	mm
6328.5	1330-1355	RUS RBW Murmansk Meteo Fax	NEu	mm
6328.5	1445-1510	RUS RBW Murmansk Meteo Fax	NEu	mm
6328.5	2000-2025	RUS RBW Murmansk Meteo Fax	NEu	mm
6340.2	0000-0100	TWN Sound of Hope	M FE	
6340.2	0100-0200	TWN Sound of Hope	M FE	
6340.2	0200-1200	TWN Sound of Hope	M FE	
6340.2	1200-1300	TWN Sound of Hope	M FE	
6340.2	1300-1400	TWN Sound of Hope	M FE	
6340.2	1400-1500	TWN Sound of Hope	M FE	
6340.2	1500-1600	TWN Sound of Hope	M FE	
6340.2	1600-1700	TWN Sound of Hope	M FE	
6340.2	2100-2130	TWN Sound of Hope	M FE	
6340.2	2130-2200	TWN Sound of Hope	M FE	
6340.2	2200-2300	TWN Sound of Hope	M FE	
6340.2	2300-2400	TWN Sound of Hope	M FE	
6340.5	0230-0505	USA NMF Fax Boston MA	ENA	bo
6340.5	0745-1040	USA NMF Fax Boston MA	ENA	bo
6340.5	1400-1600	USA NMF Fax Boston MA	ENA	bo
6340.5	1720-2251	USA NMF Fax Boston MA	ENA	bo
6358.5	0000-2400	HOL PBB Navy Den Helder	-TY Eu	cg
6370	0000-2400	CHN CNR1 Jammer/Firedrake	M CHN	
6370	0000-0100	TWN Sound of Hope	M FE	
6370	0100-0200	TWN Sound of Hope	M FE	
6370	0200-1200	TWN Sound of Hope	M FE	
6370	1200-1300	TWN Sound of Hope	M FE	
6370	1300-1400	TWN Sound of Hope	M FE	
6370	1400-1500	TWN Sound of Hope	M FE	
6370	1500-1600	TWN Sound of Hope	CA FE	
6370	1600-1700	TWN Sound of Hope	M FE	
6370	1700-2000	TWN Sound of Hope	M FE	
6370	2000-2100	TWN Sound of Hope	M FE	
6370	2100-2130	TWN Sound of Hope	M FE	
6370	2130-2200	TWN Sound of Hope	M FE	
6370	2200-2300	TWN Sound of Hope	M FE	
6370	2300-2400	TWN Sound of Hope	M FE	
6391	0000-2400	PAK AQP Navy Karachi	-CW As	kv
6405	0000-2400	RUS Kazan Aero Melodia Dwa	R CAs	kz
6405	0000-2400	RUS Mozdok Aero Assistant	R CAs	mz
6424.5	0000-2400	I IDR Ny Roma	I SEu	
6448	0230-0245	B PWZ33 Rio d.J.Naval Wx	P B	rw
6448	0318-0330	B PWZ33 Rio d.J.Naval Wx	P B	rw
6448	0400-0415	B PWZ33 Rio d.J.Naval Wx	P B	rw
6448	0600-0615	B PWZ33 Rio d.J.Naval Wx	P B	rw

6448	1430-1445	B PWZ33 Rio d.J.Naval Wx	P B	rw	
6448	1845-1900	B PWZ33 Rio d.J.Naval Wx	P B	rw	
6448	2130-2145	B PWZ33 Rio d.J.Naval Wx	P B	rw	
6455	0100-0125	RUS Vanino Radio Sealce Fax	E FE	va	
6477.5	1800-0100	Sa USA MRHS KPH Bolinas, CA	-CW WNA		pr
6484.5	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj	
6487	0000-2400	USA NSS US Navy	-TY NAm	a	
6496.4	1000-2200	CAN CFH Halifax Radio	-TY NAm	hx	
6496.4	2200-1000	CAN CFH Halifax Radio	-TY NAm	hx	
6501	0203-0300	ALS NOJ USCG Kodiak	E WNA	k	
6501	1645-1745	ALS NOJ USCG Kodiak	E WNA	k	
6501	0930-1015	GUM NRV USCG Guam	E WOc		
6501	1530-1615	GUM NRV USCG Guam	E WOc		
6501	0600-0635	HWA NMO USCG Honolulu	E Oc	nm	
6501	1200-1235	HWA NMO USCG Honolulu	E Oc	nm	
6501	0330-0430	USA NMN USCG Chesapeake	E NAm	ch	
6501	0515-0615	USA NMN USCG Chesapeake	E NAm	ch	
6501	0930-1030	USA NMN USCG Chesapeake	E NAm	ch	
6501	1115-1215	USA NMN USCG Chesapeake	E NAm	ch	
6501	1530-1630	USA NMN USCG Chesapeake	E NAm	ch	
6501	2130-2230	USA NMN USCG Chesapeake	E NAm	ch	
6501	2315-0015	USA NMN USCG Chesapeake	E NAm	ch	
6507	0800-2100	AUS VMC Charleville QL	E AUS	c	
6507	0000-2400	S Stockholm Radio	E NEu	gr	
6510	0000-2400	CHN XSQ Guangzhou Radio	M FE	gx	
6510	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is	
6513	0000-2400	CAN VOK Labrador Coastguard	E ENA	hd	
6513	0000-2400	S Stockholm Radio	E NEu	gr	
6516	0000-2400	I Romaradio IAR	I SEu	r	
6520	0700-0300	KRE Noise Jammer	KRE		
6522	0037-0047	GRL OYR Aasiaat Radio	E GRL	aa	
6522	0337-0347	GRL OYR Aasiaat Radio	E GRL	aa	
6522	0637-0647	GRL OYR Aasiaat Radio	E GRL	aa	
6522	0805-0815	GRL OYR Aasiaat Radio	E GRL	aa	
6522	0937-0947	GRL OYR Aasiaat Radio	E GRL	aa	
6522	1237-1247	GRL OYR Aasiaat Radio	E GRL	aa	
6522	1205-1215	GRL OYR Aasiaat Radio	E GRL	aa	
6522	1537-1547	GRL OYR Aasiaat Radio	E GRL	aa	
6522	1705-1715	GRL OYR Aasiaat Radio	E GRL	aa	
6522	1837-1847	GRL OYR Aasiaat Radio	E GRL	aa	
6522	2137-2147	GRL OYR Aasiaat Radio	E GRL	aa	
6522	2205-2215	GRL OYR Aasiaat Radio	E GRL	aa	
6529	0000-2400	CNR Canarias HFDL (ID17)	-HF Waf	gc	
6532	0000-2400	IRL Shannon HFDL (ID7)	-HF NAO	s	
6532	0000-2400	USA San Francisco Radio CWP	E WOc	/GUM-b	
6532	0000-2400	USA San Francisco Radio CWP	E WOc	/HWA-m	
6535	0000-2400	AZR Santa Maria Radio	E NAO	sm	
6535	0000-2400	CPV Sal Radio	E Waf		

6535	0000-2400	NZL Auckland HFDL (ID5)	-HF SOc	a
6535	0000-2400	SEN Dakar Radio	E Waf	y
6535	0000-2400	THA Hat Yai HFDL (ID6)	-HF SEA	hy
6547	0000-2400	IRL Shannon Aeradio J	E NAO	s
6550	0000-2400	IRL Shannon Aeradio I	E NAO	s
6556	0000-2400	BGD Dhaka Radio	E SAs	
6556	0000-2400	IND Kolkata Radio	E SAs	
6556	0000-2400	IRL Shannon Aeradio H	E NAO	s
6556	0000-2400	MYA Yangon Radio	E SEA	
6556	0000-2400	INS Jakarta Radio	E SEA	
6556	0000-2400	SNG Singapore Radio	E SEA	
6559	0000-2400	USA San Francisco HFDL(ID1)	-HF WNA	dx
6565	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m
6577	0000-2400	TRD Piarco Radio CAR-B	E Car	
6577	0000-2400	USA New York Radio	E Car	bg
6586	0000-2400	USA New York Radio	E Car	bg
6589	0000-2400	PNR Albrook HFDL (ID11)	-HF CAm	al
6592	0000-2400	RUS Moscow Aero	R EEu	m
6595	0000-2400	IRL Shannon Aeradio I	E NAO	s
6600	0700-0300	KRE Noise Jammer	KRE	
6607	0000-2400	ISR 4XZ Israeli Navy Haifa	-CW	
6617	0000-2400	RUS Rostov Volmet x25,55	R CIS	rv
6617	0000-2400	RUS StPeterbg Volmet x05,35	R CIS	pv
6619	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF FE	m
6622	0000-2400	CAN Gander Radio F	E NAO	g
6622	1000-1800	IRL Shannon Aeradio F	E NAO	s
6628	0000-2400	AZR Santa Maria Radio E	E NAO	sm
6628	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF SAm	sz
6628	0000-2400	USA New York Radio	E NAO	bg
6640	0000-2400	USA New York Radio	E NAO	bg
6640	0000-2400	USA San Francisco R. LDOC	E Oc	dx
6646	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba
6646	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF ME	m
6649	0000-1200	HND COCESNA Cenamer Control	S CAm	t
6652	0000-2400	GUM Agana Guam HFDL (ID16)	-HF WOc	h
6655	0000-2400	USA San Francisco Radio NP	E NOc	/ALS-ba
6655	0000-2400	USA San Francisco Radio NP	E NOc	/HWA-m
6661	0000-2400	IND Mumbai Radio	E SAs	
6661	0000-2400	USA Riverhead HFDL (ID4)	-HF ENA	rh
6667	0000-2400	AZR Santa Maria Radio H	E NAO	sm
6667	0000-2400	IRL Shannon Aeradio H	E NAO	s
6673	0000-2400	USA San Francisco Radio CEP	E EOc	dx
6676	0000-2400	AUS Australia Volmet x00,30	E Oc	as
6676	0305-1240	IND Kolkata Volmet x05,x35	E SAs	kv
6676	0000-2400	IND Mumbai Volmet x25,x55	E SAs	mv
6676	0000-2400	PAK Karachi Volmet x15,x45	E SAs	kv
6676	1250-2225	SNG SingaporeVolmet x20,x50	E SAs	v
6676	0000-2400	THA Bangkok Volmet x10,x40	E SAs	bv

6679	0000-2400	HKG Hongkong Volmet x15,x45	E FE	a
6679	0000-2400	J Tokyo Volmet x10,x40	E FE	tv
6679	0000-2400	NZL Auckland Volmet x20,x50	E FE	a
6685	0000-2400	RUS AF Transport Davlenie	R EEU	tc
6685	0000-2400	RUS AF Transport Kasta	R EEU	to
6685	0000-2400	RUS AF Transport Klarnetist	R EEU	to
6685	0000-2400	RUS AF Transport Korsar	R EEU	m
6685	0000-2400	RUS AF Transport Magnetron	R EEU	sc
6685	0000-2400	RUS AF Transport Polis	R EEU	o2
6685	0000-2400	RUS AF Transport Proselok	R EEU	ps
6693	0000-2400	RUS Novosibir Volmet x07,37	R CIS	nv
6693	0000-2400	RUS Samara Volmet x15,45	R CIS	sv
6712	0000-2400	ISL Reykjavik HFDL (ID3)	-HF NAO	r
6730	0000-0100	TWN Sound of Hope	M FE	
6730	0100-0200	TWN Sound of Hope	M FE	
6730	0200-1200	TWN Sound of Hope	M FE	
6730	1200-1300	TWN Sound of Hope	M FE	
6730	1300-1400	TWN Sound of Hope	M FE	
6730	1400-1500	TWN Sound of Hope	M FE	
6730	1500-1600	TWN Sound of Hope	M FE	
6730	1600-1700	TWN Sound of Hope	M FE	
6730	1700-2000	TWN Sound of Hope	M FE	
6730	2000-2100	TWN Sound of Hope	M FE	
6730	2100-2130	TWN Sound of Hope	M FE	
6730	2130-2200	TWN Sound of Hope	M FE	
6730	2200-2300	TWN Sound of Hope	M FE	
6730	2300-2400	TWN Sound of Hope	M FE	
6754	0130-1100	CAN Trenton Volmet	E NAm	tr
6765.1	0000-0200	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	0300-0500	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	0600-0800	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	0900-1100	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	1200-1400	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	1500-1700	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	1800-2000	THA Bangkok Meterolog.Radio	E,T SEA	bv
6765.1	2100-2300	THA Bangkok Meterolog.Radio	E,T SEA	bv
6804	0700-0710	Tu,Fr POL E11 Polish Spy Numbers	E	p
6831	0000-2400	PTR NAU US Navy	-TY NAm	i
6849	1815-1825	Fr,Su POL E11 Polish Spy Numbers	E	p
6849	1900-1910	Mo,Th POL E11 Polish Spy Numbers	E	p
6850	0000-2400	CHN CNR1 Jammer/Firedrake	M FE	
6850	1700-0400	irr RUS UHF Hold/Radio Russkoe	R EEU	/BLR
6850	0000-0100	TWN Sound of Hope	M FE	
6850	0100-0200	TWN Sound of Hope	M FE	
6850	0200-1200	TWN Sound of Hope	M FE	
6850	1200-1300	TWN Sound of Hope	M FE	
6850	1300-1400	TWN Sound of Hope	M FE	
6850	1400-1500	TWN Sound of Hope	M FE	

6850	1500-1600	TWN Sound of Hope	M	FE	
6850	1600-1700	TWN Sound of Hope	M	FE	
6850	1700-2000	TWN Sound of Hope	M	FE	
6850	2000-2100	TWN Sound of Hope	M	FE	
6850	2100-2130	TWN Sound of Hope	M	FE	
6850	2130-2200	TWN Sound of Hope	M	FE	
6850	2200-2300	TWN Sound of Hope	M	FE	
6850	2300-2400	TWN Sound of Hope	M	FE	
6850	0000-2400 irr	USA Various pirates	E	NAm	xx
6870	0000-2400 irr	USA Various pirates	E	NAm	xx
6880	0000-2400 irr	USA Various pirates	E	NAm	xx
6900	0000-2400	CHN CNR1 Jammer/Firedrake	M	FE	
6900	0000-0100	TWN Sound of Hope	M	FE	
6900	0100-0200	TWN Sound of Hope	M	FE	
6900	0200-1200	TWN Sound of Hope	M	FE	
6900	1200-1300	TWN Sound of Hope	M	FE	
6900	1300-1400	TWN Sound of Hope	M	FE	
6900	1400-1500	TWN Sound of Hope	M	FE	
6900	1500-1600	TWN Sound of Hope	CA	FE	
6900	1600-1700	TWN Sound of Hope	M	FE	
6900	1700-2000	TWN Sound of Hope	M	FE	
6900	2000-2100	TWN Sound of Hope	M	FE	
6900	2100-2130	TWN Sound of Hope	M	FE	
6900	2130-2200	TWN Sound of Hope	M	FE	
6900	2200-2300	TWN Sound of Hope	M	FE	
6900	2300-2400	TWN Sound of Hope	M	FE	
6905	0000-2400 irr	USA Various pirates	E	NAm	xx
6910	0000-2400 irr	USA Various pirates	E	NAm	xx
6911	0000-2400	RUS Stalingrad clock	-TS	EEu	xx
6915.1	1121-1200	CAN VCO Sydney Meteo Fax	ENA		sm
6915.1	1741-1800	CAN VCO Sydney Meteo Fax	ENA		sm
6915	0000-2400 irr	USA Various pirates	E	NAm	xx
6920	0000-2400 irr	USA Various pirates	E	NAm	xx
6925	2000-0100	CHL RCW Compañía Worldwide	S	CHL	gc
6925	0000-2400 irr	USA Various pirates	E	NAm	xx
6930	0000-2400 irr	USA Various pirates	E	NAm	xx
6931	0000-2400 irr	E Indy Radio	S	Eu	xx
6935	2200-0200 irr	ARG AD149 AM (Pirate)	S	SAm	xx
6935	0000-2400 irr	USA Various pirates	E	NAm	xx
6940	0000-2400 irr	USA Various pirates	E	NAm	xx
6945	0000-2400 irr	USA Various pirates	E	NAm	xx
6950	0000-2400 irr	USA Various pirates	E	NAm	xx
6955	0000-2400 irr	USA Various pirates	E	NAm	xx
6960	0100-0330 Sa	USA Ballsmacker Radio	E	ENA	xx
6960	0000-2400 irr	USA Various pirates	E	NAm	xx
6965	0000-2400 irr	USA Various pirates	E	NAm	xx
6970.1	0000-0100	TWN Sound of Hope	M	FE	
6970.1	0100-0200	TWN Sound of Hope	M	FE	

6970.1	0200-1200	TWN Sound of Hope	M	FE	
6970.1	1200-1300	TWN Sound of Hope	M	FE	
6970.1	1300-1400	TWN Sound of Hope	M	FE	
6970.1	1400-1500	TWN Sound of Hope	M	FE	
6970.1	1500-1600	TWN Sound of Hope	M	FE	
6970.1	1600-1700	TWN Sound of Hope	M	FE	
6970.1	1700-2000	TWN Sound of Hope	M	FE	
6970.1	2000-2100	TWN Sound of Hope	M	FE	
6970.1	2100-2130	TWN Sound of Hope	M	FE	
6970.1	2130-2200	TWN Sound of Hope	M	FE	
6970.1	2200-2300	TWN Sound of Hope	M	FE	
6970.1	2300-2400	TWN Sound of Hope	M	FE	
6970	0000-2400 irr	USA Various pirates	E	NAm	xx
6975	0000-2400 irr	USA Various pirates	E	NAm	xx
6980	0000-2400 irr	USA Various pirates	E	NAm	xx
6985	0000-2400 irr	USA Various pirates	E	NAm	xx
6986	0820-0830 Th,Fr	POL E11 Polish Spy Numbers	E		p
7038.5	0000-2400	CZE OK0EU Beacon D	-CW	Eu	dl
7038.5	0000-2400	CZE OK0EU Beacon M	-CW	Eu	pv
7038.5	0000-2400	CZE OK0EU Beacon U	-CW	Eu	pr
7038.7	0000-2400	RUS Channel Marker D	-CW	EEu	se
7038.8	0000-2400	RUS Channel Marker P	-CW	RUS	kl
7038.9	0000-2400	RUS Channel Marker S	-CW	RUS	sm
7039	0000-2400	RUS Channel Marker C	-CW	RUS	m
7039.1	0000-2400	RUS Channel Marker A	-CW	RUS	as
7039.2	0000-2400	RUS Channel Marker F	-CW	FE	vl
7039.3	0000-2400	RUS Channel Marker K	-CW	FE	pk
7039.4	0000-2400	CZE OK0EPB Pendulum	-TS	Eu	p
7039.4	0000-2400	RUS Channel Marker M	-CW	FE	mg
7123	1100-1130 Su	IRL IRTS Radio News Service	E	IRL	xy
7127	1000-1030 Su	G GB2RS News Broadcast	E	G	xy
7146	0830-0900 Su	AUS VK2WI News Broadcast	E	AUS	du
7146	2300-2400 Sa	AUS VK2WI News Broadcast	E	AUS	du
7200	1400-1428 Tu,Fr	USA RBS V.o.Korean Revival	K	KRE	/TWN-s
7205	0000-0100	CHN China Radio Int.	MO	MNG	b
7205	1200-1300	CHN China Radio Int.	M	SAs	ka
7205	1300-1400	CHN China Radio Int.	M	FE	b
7205	1600-1700	CHN China Radio Int.	HI	SAs	ka
7205	1700-1800	CHN China Radio Int.	EO	Eu	b
7205	1900-2000	CHN China Radio Int.	P	SAf	x
7205	2000-2100	CHN China Radio Int.	M	EAF	x
7205	2100-2200	CHN China Radio Int.	E	EAF	x
7205	2300-2400	CHN China Radio Int.	MO	MNG	x
7205	1400-1800	CHN PBS Xinjiang	UI	CHN	uc
7205	2300-0200	CHN PBS Xinjiang	UI	CHN	uc
7205	0900-2400	INS RRI Pro 3 Tiga	IN	SEA	k
7205	1800-1900	ROU Radio Romania Int.	RO	SEu	g
7205	1900-2100	ROU Radio Romania Int.	RO	SEu	g

7210	1100-1200	CHN China Radio Int.	EO FE	u	
7210	1400-1500	CHN China Radio Int.	M FE	b	
7210	1800-1900	CHN China Radio Int.	E Eu	b	
7210	0030-0115	CHN PBS Yunnan Minority Sce	TL CHN		kl
7210	0115-0200	CHN PBS Yunnan Minority Sce	TN CHN		kl
7210	0200-0245	CHN PBS Yunnan Minority Sce	KC CHN		kl
7210	0245-0300	CHN PBS Yunnan Minority Sce	M CHN		kl
7210	1045-1100	CHN PBS Yunnan Minority Sce	-MX CHN		kl
7210	1100-1145	CHN PBS Yunnan Minority Sce	TN CHN		kl
7210	1145-1230	CHN PBS Yunnan Minority Sce	KC CHN		kl
7210	1230-1315	CHN PBS Yunnan Minority Sce	LIS CHN		kl
7210	1315-1400	CHN PBS Yunnan Minority Sce	TL CHN		kl
7210	1400-1445	CHN PBS Yunnan Minority Sce	LAH CHN		kl
7210	1445-1500	CHN PBS Yunnan Minority Sce	M CHN		kl
7210	2245-2300	CHN PBS Yunnan Minority Sce	-MX CHN		kl
7210	2300-2345	CHN PBS Yunnan Minority Sce	LAH CHN		kl
7210	2345-0030	CHN PBS Yunnan Minority Sce	LIS CHN		kl
7210	1800-1900	KRE Voice of Korea	F SAf	u	
7210	1900-2000	KRE Voice of Korea	E SAf	u	
7210	2000-2050	KRE Voice of Korea KCBS	K SAf	u	
7210	0000-0100	TWN Sound of Hope	M FE		
7210	0100-0200	TWN Sound of Hope	M FE		
7210	0200-1200	TWN Sound of Hope	M FE		
7210	1200-1300	TWN Sound of Hope	M FE		
7210	1300-1400	TWN Sound of Hope	M FE		
7210	1400-1500	TWN Sound of Hope	M FE		
7210	1500-1600	TWN Sound of Hope	CA FE		
7210	1600-1700	TWN Sound of Hope	M FE		
7210	1700-2000	TWN Sound of Hope	M FE		
7210	2000-2100	TWN Sound of Hope	M FE		
7210	2100-2130	TWN Sound of Hope	M FE		
7210	2130-2200	TWN Sound of Hope	M FE		
7210	2200-2300	TWN Sound of Hope	M FE		
7210	2300-2400	TWN Sound of Hope	M FE		
7215	2023-2400	CHN China National Radio 1	M CHN		s
7215	1000-1100	CHN China Radio Int.	E Sib	x	
7215	1200-1300	CHN China Radio Int.	R CAs	x	
7215	1300-1400	CHN China Radio Int.	M INS	x	
7215	1500-1600	CHN China Radio Int.	NE FE	k	
7215	1600-1700	CHN China Radio Int.	R EEu	s	
7215	1900-2000	CHN China Radio Int.	CA Eu	b	
7215	2300-2400	KOR KBS World Radio	M CHN	k	
7220	1400-1500	CHN China Radio Int.	NE FE	x	
7220	1500-1600	CHN China Radio Int.	J FE	j	
7220	1700-1800	CHN China Radio Int.	CA EAf	x	
7220	2300-2400	CHN China Radio Int.	VN SEA	x	
7220	0000-0600	CHN CNR 2 China Business R.	M CHN		q
7220	0600-0900	Th-Tu CHN CNR 2 China Business R.	M CHN		q

7220	2200-2300 irr	F TDF DIGITAL	F ME	i	
7220	0400-0500	KRE Voice of Korea	E FE	u	
7220	0500-0600	KRE Voice of Korea	M FE	u	
7220	0600-0700	KRE Voice of Korea	E FE	u	
7220	0800-0900	KRE Voice of Korea	M FE	u	
7220	0900-0950	KRE Voice of Korea KCBS	K FE	u	
7220	1100-1200	KRE Voice of Korea	M FE	u	
7220	0200-0300	ROU Radio Romania Int.	F ENA	g	
7220	0400-0500	ROU Radio Romania Int.	E WNA	g	
7220	0500-0600	ROU Radio Romania Int.	RO SEu	g	
7220	0600-0630	ROU Radio Romania Int.	F SEu	g	
7220	1030-1100	VTN Voice of Vietnam	M CHN	s	
7220	1200-1230	VTN Voice of Vietnam	M CHN	s	
7220	1300-1330	VTN Voice of Vietnam	M CHN	s	
7220	1500-1600	VTN Voice of Vietnam	VN ME	s	
7220	1600-1630	VTN Voice of Vietnam	E ME	s	
7220	1630-1700	VTN Voice of Vietnam	F ME	s	
7220	2030-2100	VTN Voice of Vietnam	E ME	s	
7220	2100-2130	VTN Voice of Vietnam	F ME	s	
7220	2200-2230	VTN Voice of Vietnam	M CHN	s	
7225	1500-1600	CHN China Radio Int.	HI SAs	u	
7225	2100-2200	CHN China Radio Int.	HR Eu	u	
7225	1000-1100	CHN Sichuan Ethnic Radio	YI CHN	c	
7225	1100-1130	CHN Sichuan Ethnic Radio	KHA CHN	c	
7225	1130-1200	CHN Sichuan Ethnic Radio	AMD CHN	c	
7225	1200-1515	CHN Sichuan Ethnic Radio	KHA CHN	c	
7225	2155-2300	CHN Sichuan Ethnic Radio	M CHN	c	
7225	2300-2330	CHN Sichuan Ethnic Radio	AMD CHN	c	
7225	2330-0130	CHN Sichuan Ethnic Radio	KHA CHN	c	
7225	1830-1930 Tu,Th D	Music 4 Joy DIGITAL	ME	n	
7230	0600-0900 We-Mo	CHN China National Radio 1	M CHN	x	
7230	0900-1805	CHN China National Radio 1	M CHN	x	
7230	2023-0600	CHN China National Radio 1	M CHN	x	
7230	0500-1030	CHN PBS Xinjiang	MO CHN	uc	
7230	1200-1800	CHN PBS Xinjiang	MO CHN	uc	
7230	2300-0330	CHN PBS Xinjiang	MO CHN	uc	
7235	1400-1500	CHN China Radio Int.	M SAs	ka	
7235	1500-1600	CHN China Radio Int.	M SAs	ka	
7235	1600-1700	CHN China Radio Int.	E SAs	ka	
7235	1700-1800	CHN China Radio Int.	E SAs	ka	
7235	2100-2200	KRE Voice of Korea	M FE	u	
7235	2200-2300	KRE Voice of Korea	M FE	u	
7235	2300-2350	KRE Voice of Korea KCBS	K FE	u	
7235	1900-2000	ROU Radio Romania DIGITAL	D WEu	s	
7240	0100-0200	CHN China Radio Int.	UR SAs	ka	
7240	1800-1900	CHN China Radio Int.	R EEu	u	
7240	0900-1000 We-Mo	CHN Xizang RTV	M CHN	t	
7240	1000-1800	CHN Xizang RTV	M CHN	t	

7240	2000-2100	We-Mo CHN Xizang RTV	M	CHN	t
7240	2100-0300	CHN Xizang RTV	M	CHN	t
7240	0300-0400	TUR Voice of Turkey	UI	CHN	e
7245	1600-1700	CHN China Radio Int.	SWA	Eaf	x
7245	1700-1800	CHN China Radio Int.	SWA	Eaf	x
7245	1900-2000	CHN China Radio Int.	R	EEu	a
7245	2000-2100	CHN China Radio Int.	M	NAf	ka
7245	0900-1300	CHN CNR 2 China Business R.	M	CHN	B
7245	1300-1605	CHN CNR 2 China Business R.	M	CHN	B
7245	2055-0100	CHN CNR 2 China Business R.	M	CHN	B
7245	0200-0400	TJK Voice of Tajik	TJ	As	y
7245	0400-0600	TJK Voice of Tajik	FS	As	y
7245	0600-0800	TJK Voice of Tajik	DR	As	y
7245	0800-1000	TJK Voice of Tajik	R	As	y
7245	1000-1100	TJK Voice of Tajik	UZ	As	y
7245	1100-1200	TJK Voice of Tajik	HI	As	y
7245	1200-1300	TJK Voice of Tajik	A	As	y
7245	1300-1400	TJK Voice of Tajik	E	As	y
7245	1400-1600	TJK Voice of Tajik	TJ	As	y
7245	1600-1800	TJK Voice of Tajik	FS	As	y
7245	1200-1230	TUR Voice of Turkey	BU	SEE	e
7250	0100-0200	CHN China Radio Int.	M	SAs	u
7250	1100-1300	CHN China Radio Int.	E	SAs	ka
7250	2200-2400	CHN China Radio Int.	S	SEu	u
7250	0810-0920	Su CVA Radio Vaticana	RO	EEu	
7250	0800-1000	KWT Radio Kuwait	FS	IRN	k
7250	0100-0300	ROU Radio Romania Int.	RO	ENA	t
7250	2130-2200	ROU Radio Romania Int.	E	ENA	t
7255	2300-2400	CHN China National Radio 11	TB	CHN	t
7255	1000-1100	CHN China Radio Int.	M	Sib	x
7255	1300-1400	CHN China Radio Int.	R	FE	s
7255	1500-1600	CHN China Radio Int.	M	FE	b
7255	1600-1700	CHN China Radio Int.	E	Eu	ka
7255	1700-1800	CHN China Radio Int.	E	Eu	ka
7255	1800-1900	CHN China Radio Int.	R	EEu	s
7255	1900-2000	CHN China Radio Int.	TU	ME	k
7255	2000-2100	CHN China Radio Int.	R	EEu	a
7255	2055-0100	CHN CNR 2 China Business R.	M	CHN	as
7255	0000-0200	CHN Xizang RTV	TB	CHN	t
7255	1000-1600	CHN Xizang RTV	TB	CHN	t
7255	1600-1700	CHN Xizang RTV	E	CHN	t
7255	1700-1805	CHN Xizang RTV	TB	CHN	t
7255	2050-2300	CHN Xizang RTV	TB	CHN	t
7255	1500-1600	TUR Voice of Turkey	A	ME	e
7260	1100-1200	CHN China Radio Int.	J	FE	x
7260	1200-1300	CHN China Radio Int.	J	FE	x
7260	2200-2300	CHN China Radio Int.	P	SEu	u
7260	2330-0030	CHN China Radio Int.	SI	SAs	ka

7260	0300-0800	CHN PBS Xinjiang	M	CHN	uc	
7260	0800-1100	We-Mo CHN PBS Xinjiang		M	CHN	uc
7260	1100-1200	CHN PBS Xinjiang	M	CHN	uc	
7260	1200-1400	CHN PBS Xinjiang	M	CHN	uc	
7260	1400-1800	CHN PBS Xinjiang	M	CHN	uc	
7260	2300-0300	CHN PBS Xinjiang	M	CHN	uc	
7260	1830-0658	VUT Radio Vanuatu		BSL	VUT	
7265	1300-1400	CHN China Radio Int.	HI	SAs	u	
7265	1400-1500	CHN China Radio Int.	SI	CLN	ka	
7265	1500-1600	CHN China Radio Int.	HI	SAs	ka	
7265	1600-1700	CHN China Radio Int.	R	EEu	b	
7265	1700-1800	CHN China Radio Int.	R	EEu	u	
7265	1830-1900	CHN China Radio Int.	BU	SEE	u	
7265	1930-2030	CHN China Radio Int.	EO	Eu	u	
7265	2030-2130	CHN China Radio Int.	I	SEu	u	
7265	2200-2300	CHN China Radio Int.	M	ME	k	
7265	1230-1605	CHN CNR 2 China Business R.	M	CHN	as	
7265	0200-0300	TUR Voice of Turkey	S	CAM	e	
7270	1400-1500	CHN CNR1 Jammer/Firedrake	M	CHN		
7270	2300-2400	CHN CNR1 Jammer/Firedrake	M	CHN		
7270	0600-0950	We-Mo CHN PBS Nei Menggu		MO	CHN	hh
7270	0950-1605	CHN PBS Nei Menggu		MO	CHN	hh
7270	2150-0600	CHN PBS Nei Menggu		MO	CHN	hh
7270	0945-2200	HOL Rockpower	NL	Eu	n	
7275	0150-0600	CHN China National Radio	M	CHN	gy	
7275	1100-1805	CHN China National Radio 1	M	CHN	b	
7275	2023-0030	CHN China National Radio 1	M	CHN	b	
7275	1730-1830	CHN China Radio Int.	M	Waf	u	
7275	0200-0300	CHN PBS Xinjiang	UI	CHN	uc	
7275	0300-0800	CHN PBS Xinjiang	UI	CHN	uc	
7275	0800-1100	We-Mo CHN PBS Xinjiang		UI	CHN	uc
7275	1100-1200	CHN PBS Xinjiang	UI	CHN	uc	
7275	1200-1400	CHN PBS Xinjiang	UI	CHN	uc	
7275	1400-1800	CHN PBS Xinjiang	UI	CHN	uc	
7275	2300-0200	CHN PBS Xinjiang	UI	CHN	uc	
7275	1900-2000	I IRRS Milano	E	Eu	/BUL-s	
7275	1600-1700	KOR KBS World Radio	K	Eu	k	
7280	0000-2400	CHN CNR1 Jammer/Firedrake	M	CHN		
7280	0100-0200	TUR Voice of Turkey	P	SAM	e	
7280	0200-0300	TUR Voice of Turkey	S	SAM	e	
7280.1	0000-0100	TWN Sound of Hope	M	FE		
7280.1	0100-0200	TWN Sound of Hope	M	FE		
7280.1	0200-1200	TWN Sound of Hope	M	FE		
7280.1	1200-1300	TWN Sound of Hope	M	FE		
7280.1	1300-1400	TWN Sound of Hope	M	FE		
7280.1	1400-1500	TWN Sound of Hope	M	FE		
7280.1	1500-1600	TWN Sound of Hope	CA	FE		
7280.1	1600-1700	TWN Sound of Hope	M	FE		

7280.1	1700-2000	TWN Sound of Hope	M	FE	
7280.1	2000-2100	TWN Sound of Hope	M	FE	
7280.1	2100-2130	TWN Sound of Hope	M	FE	
7280.1	2130-2200	TWN Sound of Hope	M	FE	
7280.1	2200-2300	TWN Sound of Hope	M	FE	
7280.1	2300-2400	TWN Sound of Hope	M	FE	
7285	1300-1400	CHN China Radio Int.	MO	MNG	b
7285	1400-1500	CHN China Radio Int.	UR	PAK	k
7285	1500-1600	CHN China Radio Int.	UR	SAs	ka
7285	1800-1900	CHN China Radio Int.	AM	SEu	x
7285	2000-2100	CHN China Radio Int.	E	Eu	x
7285	2100-2200	CHN China Radio Int.	E	Eu	x
7285	0500-0600	G BBC	E	CAf	/ASC
7285	0600-0629	G BBC	F	NAf	w
7285	0400-0500	TUR Voice of Turkey	E	ME	e
7285	1030-1130	VTN Voice of Vietnam	LAO	SEA	s
7285	1130-1200	VTN Voice of Vietnam	F	SEA	s
7285	1200-1230	VTN Voice of Vietnam	KH	SEA	s
7285	1230-1300	VTN Voice of Vietnam	F	SEA	s
7285	1300-1330	VTN Voice of Vietnam	T	SEA	s
7290	0930-1805	CHN China National Radio 1	M	CHN	b
7290	2023-2400	CHN China National Radio 1	M	CHN	b
7290	0200-0300	CHN China Radio Int.	UR	SAs	ka
7290	1000-1100	CHN China Radio Int.	R	FE	s
7290	1100-1200	CHN China Radio Int.	R	FE	s
7290	1500-1600	CHN China Radio Int.	R	CAs	q
7290	2100-2200	CHN China Radio Int.	K	FE	x
7290	2200-2300	CHN China Radio Int.	M	NAf	u
7290	2200-2300	CHN China Radio Int.	K	FE	x
7290	1430-1500	CLA Furusato no Kaze	J	KRE	/TWN-s
7290	1500-1530	CLA Nippon no Kaze	K	KRE	/TWN-s
7290	1530-1600	CLA Nippon no Kaze	K	KRE	/TWN-s
7290	1900-2000	I IRRS Milano	E	Eu	/BUL-s
7290	0600-1000	INS RRI Nabire	IN	INS	n
7295	1800-1830 Su-Tu	CAN Bible Voice	FS	IRN	/D-n
7295	1900-2000	CHN China Radio Int.	E	ME	u
7295	2000-2100	CHN China Radio Int.	E	ME	u
7295	1330-1357	CLA Furusato no Kaze	J	KRE	/TWN-s
7295	1300-1330	CLA Nippon no Kaze	K	KRE	/TWN-s
7295	1500-1600	TUR Voice of Turkey	A	ME	e
7300	2100-2115	AUS HCJB R.Akhbar Mufriha	TAH	NAf	/G-w
7300	2115-2145 Su	AUS HCJB R.Akhbar Mufriha	A	NAf	/G-w
7300	0100-0200	CHN China Radio Int.	M	SAs	ka
7300	1300-1400	CHN China Radio Int.	E	SAs	ka
7300	1400-1500	CHN China Radio Int.	E	SAs	u
7300	1600-1800	CHN China Radio Int.	A	NAf	ka
7300	2200-2300	CHN China Radio Int.	EO	SAm	ka
7300	2300-2400	CHN China Radio Int.	M	Eu	u

7300	1500-1600	CHN CNR1 Jammer/Firedrake	M	CHN	a
7300	2200-2230	CVA Radio Vaticana	M	FE	
7300	2315-2350	CVA Radio Vaticana	VN	SEA	
7300	0230-0300	S IBRA Radio	DR	AFG	/UAE
7300	1500-1600	TWN Radio Taiwan Int.	M	FE	s
7305	0800-0900	We-Mo CHN China National Radio 1	M	CHN	s
7305	0900-1805	CHN China National Radio 1	M	CHN	s
7305	2023-2200	CHN China National Radio 1	M	CHN	s
7305	1800-2000	CHN China Radio Int.	D	WEu	ka
7305	2000-2100	CHN China Radio Int.	PO	Eu	u
7305	2200-2300	CHN China Radio Int.	M	FE	b
7305	0100-0130	CVA Radio Vaticana	P	SAm	
7305	0130-0200	CVA Radio Vaticana	S	Car	
7305	0529-0600	G BBC	HA	Waf	/ASC
7305	0600-0629	G BBC	F	Waf	/ASC
7310	0000-2400	CHN CNR1 Jammer/Firedrake	M	CHN	
7310	1400-1800	CHN PBS Xinjiang	M	CHN	uc
7310	2300-0300	CHN PBS Xinjiang	M	CHN	uc
7310	2130-2200	ROU Radio Romania Int.	E	ENA	t
7310	0000-0100	TWN Sound of Hope	M	FE	
7310	0100-0200	TWN Sound of Hope	M	FE	
7310	0200-1200	TWN Sound of Hope	M	FE	
7310	1200-1300	TWN Sound of Hope	M	FE	
7310	1300-1400	TWN Sound of Hope	M	FE	
7310	1400-1500	TWN Sound of Hope	M	FE	
7310	1500-1600	TWN Sound of Hope	M	FE	
7310	1600-1700	TWN Sound of Hope	M	FE	
7310	1700-2000	TWN Sound of Hope	M	FE	
7310	2000-2100	TWN Sound of Hope	M	FE	
7310	2100-2130	TWN Sound of Hope	M	FE	
7310	2130-2200	TWN Sound of Hope	M	FE	
7310	2200-2300	TWN Sound of Hope	M	FE	
7310	2300-2400	TWN Sound of Hope	M	FE	
7315	1600-1700	CHN China Radio Int.	VN	SEA	k
7315	1730-1830	CHN China Radio Int.	M	ME	k
7315	0900-1100	CHN CNR 2 China Business R.	M	CHN	x
7315	1100-1605	CHN CNR 2 China Business R.	M	CHN	x
7315	2055-0100	CHN CNR 2 China Business R.	M	CHN	x
7315	0430-0500	HOL Radio Dabanga	SUD	SDN	/CVA
7315	0400-0430	HOL Radio Tamazuj	SUD	SSD	/CVA
7315	2000-2030	Su USA Follow the Bible Min.	A	NAf	/G-w
7320	2030-2100	CHN China Radio Int.	BU	Eu	k
7320	0200-0230	Sa-Th PHL FEBC Manila	UR	SAs	/UAE
7320	0200-0300	Fr PHL FEBC Manila	UR	SAs	/UAE
7325	0300-0400	CHN China Radio Int.	R	CAs	ka
7325	0400-0500	CHN China Radio Int.	R	CAs	ka
7325	1000-1100	CHN China Radio Int.	J	FE	j
7325	1100-1200	CHN China Radio Int.	J	FE	j

7325	1200-1300	CHN China Radio Int.	J FE	j	
7325	1300-1400	CHN China Radio Int.	J FE	x	
7325	1430-1500	CHN China Radio Int.	TAG PHL	n	
7325	1500-1600	CHN China Radio Int.	E SEA	b	
7325	1600-1700	CHN China Radio Int.	HK SAF	u	
7325	1700-1800	CHN China Radio Int.	CA SAF	u	
7325	1800-1830	CHN China Radio Int.	FS IRN	b	
7325	1830-1900	CHN China Radio Int.	FS IRN	b	
7325	1900-1930	CHN China Radio Int.	CZ Eu	s	
7325	2000-2030	CHN China Radio Int.	SR Eu	u	
7325	2100-2130	CHN China Radio Int.	SR Eu	x	
7325	2100-2200	CHN China Radio Int.	E SAF	b	
7325	2200-2300	CHN China Radio Int.	M SEA	k	
7325	2300-2400	CHN China Radio Int.	CA SEA	k	
7325	0800-0900 irr	F TDF DIGITAL	F WEu	i	
7325	0100-0200	ROU Radio Romania Int.	E ENA	g	
7325	2300-2400	ROU Radio Romania Int.	E J	t	
7330	0200-0300	CHN China Radio Int.	M SAm	ka	
7330	1400-1500	CHN China Radio Int.	R CAs	x	
7330	0530-0600	ROU Radio Romania Int.	R EEu	t	
7335	0100-0200	CHN China Radio Int.	E SAs	ka	
7335	1700-1800	CHN China Radio Int.	HR Eu	b	
7335	1900-2000	CHN China Radio Int.	P SEu	j	
7335	2000-2100	CHN China Radio Int.	M Eu	s	
7335	1000-1300	CHN CNR 2 China Business R.	M CHN	as	
7335	1300-1605	CHN CNR 2 China Business R.	M CHN	as	
7335	2055-0030	CHN CNR 2 China Business R.	M CHN	as	
7335	1300-1330 156	J Shiokaze	J KRE	y	
7335	1300-1400 We	J Shiokaze	E KRE	y	
7335	1300-1400 Su	J Shiokaze	J KRE	y	
7335	1300-1400 Tu,Th	J Shiokaze	K KRE	y	
7335	1330-1400 156	J Shiokaze	K KRE	y	
7340	1800-1900	CHN China Radio Int.	I SEu	ka	
7340	0350-0800	CHN PBS Xinjiang	KZ CHN	uc	
7340	0800-1100 We-Mo	CHN PBS Xinjiang	KZ CHN	uc	
7340	1100-1155	CHN PBS Xinjiang	KZ CHN	uc	
7340	1155-1800	CHN PBS Xinjiang	KZ CHN	uc	
7340	2300-0350	CHN PBS Xinjiang	KZ CHN	uc	
7345	2030-2130	CHN China Radio Int.	I SEu	ka	
7345	1100-1805	CHN CNR 7 Greater Bay Area	CA CHN	h	
7345	2055-2400	CHN CNR 7 Greater Bay Area	CA CHN	h	
7345	1030-1130	MYA Thazin Radio	KOK SEA	p	
7345	1130-1230	MYA Thazin Radio	KYH SEA	p	
7345	1230-1330	MYA Thazin Radio	SHA SEA	p	
7350	0000-2400 irr	B Rádio Scalla FM	P B	xx	
7350	1100-1200	CHN China National Radio 11	TB CHN	as	
7350	1200-1300	CHN China National Radio 11	TB CHN	as	
7350	1300-1605	CHN China National Radio 11	TB CHN	as	

7350	0000-0100	CHN China Radio Int.	E Eu	ka	
7350	0100-0200	CHN China Radio Int.	E Eu	ka	
7350	0200-0230	CHN China Radio Int.	PS AFG	ka	
7350	1600-1800	CHN China Radio Int.	F SEu	ka	
7350	1830-2030	CHN China Radio Int.	F WAF	ka	
7350	2030-2230	CHN China Radio Int.	F SEu	u	
7350	2300-2400	CHN China Radio Int.	E Eu	ka	
7355	1400-1500	CHN China Radio Int.	J FE	x	
7355	1400-1500	CHN China Radio Int.	MO Sib	h	
7355	1500-1600	CHN China Radio Int.	R Sib	h	
7360	2155-2300	CHN China National Radio 11	M CHN	as	
7360	2300-2400	CHN China National Radio 11	TB CHN	as	
7360	1130-1230	CHN China Radio Int.	T SEA	k	
7360	1230-1330	CHN China Radio Int.	LAO SEA	k	
7360	1330-1430	CHN China Radio Int.	T SEA	k	
7360	1430-1530	CHN China Radio Int.	LAO SEA	k	
7360	1500-1600	CHN China Radio Int.	TAM SAs	ka	
7360	1800-2000	CHN China Radio Int.	F SEu	x	
7360	0500-0520	CVA Radio Vaticana	R EEu		
7360	0520-0540	CVA Radio Vaticana	UK EEu		
7360	1600-1620	CVA Radio Vaticana	AR Cau		
7360	1620-1640	CVA Radio Vaticana	R EEu		
7360	1740-1800	CVA Radio Vaticana	UK UKR		
7365	1000-1805	CHN China National Radio 1	M CHN	s	
7365	0000-2400	EQA HCJB Voice of Andes	R EEu	/D-we	
7370	0800-0900	ALS KNLS New Life Station	M FE	ap	
7370	0900-1000	ALS KNLS New Life Station	M FE	ap	
7370	1100-1200	CHN China Radio Int.	CA SEA	n	
7370	1100-1300	CHN CNR 2 China Business R.	M CHN	B	
7370	1300-1605	CHN CNR 2 China Business R.	M CHN	B	
7370	2055-2400	CHN CNR 2 China Business R.	M CHN	B	
7375	0100-0200	CHN China Radio Int.	R CAs	ka	
7375	0200-0300	CHN China Radio Int.	R CAs	ka	
7375	1030-1200	CHN CNR 2 China Business R.	M CHN	B	
7375	1200-1605	CHN CNR 2 China Business R.	M CHN	B	
7375	0400-0500 irr	F TDF DIGITAL	F ME	i	
7375	0540-0600	J NHK Radio Japan	R FE	y	
7375	1600-1630 156	J Shiokaze	J KRE	y	
7375	1600-1700 We	J Shiokaze	E KRE	y	
7375	1600-1700 Su	J Shiokaze	J KRE	y	
7375	1600-1700 Tu,Th	J Shiokaze	K KRE	y	
7375	1630-1700 156	J Shiokaze	K KRE	y	
7375	2100-2130	ROU Radio Romania Int.	F SEu	g	
7375	2130-2200	ROU Radio Romania Int.	E WEu	g	
7380	1600-1800	CHN China Radio Int.	D WEu	a	
7380	0700-0900	J NHK Radio Japan	J SAm	y	
7380	2000-2030 Su	USA Follow the Bible Min.	A NAF	/G-w	
7385	2300-2400	CHN China National Radio 11	TB CHN	t	

7385	1300-1400	CHN China Radio Int.	BR SEA	k	
7385	1900-2000	CHN China Radio Int.	AL SEE	ka	
7385	0900-1000	CHN CNR5 Cross-Strait Radio	M TWN	B	
7385	1000-1705	CHN CNR5 Cross-Strait Radio	M TWN	B	
7385	2055-2300	CHN CNR5 Cross-Strait Radio	M TWN	B	
7385	2300-2400	CHN CNR5 Cross-Strait Radio	M TWN	B	
7385	0000-0200	CHN Xizang RTV	TB CHN	t	
7385	0930-1000	We-Mo CHN Xizang RTV	TB CHN	t	
7385	1000-1600	CHN Xizang RTV	TB CHN	t	
7385	1600-1700	CHN Xizang RTV	E CHN	t	
7385	1700-1805	CHN Xizang RTV	TB CHN	t	
7385	2050-2300	CHN Xizang RTV	TB CHN	t	
7390	1000-1100	CHN China Radio Int.	R Sib	h	
7390	1100-1200	CHN China Radio Int.	MO Sib	h	
7390	1200-1300	CHN China Radio Int.	M FE	b	
7390	2000-2030	CHN China Radio Int.	SR Eu	x	
7390	2030-2100	CHN China Radio Int.	HU Eu	j	
7390	0500-0600	F Radio France Int.	F CAf	i	
7390	0600-0700	F Radio France Int.	F WAF	i	
7390	1259-1650	NZL RNZ Pacific	E Oc	r	
7396.8	0000-0005	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0020-0025	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0050-0605	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0620-0625	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0700-0755	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0800-0805	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0840-0845	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	0900-0905	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1000-1005	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1020-1100	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1100-1105	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1120-1125	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1200-1205	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1220-1225	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1230-1245	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1300-1320	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1400-1405	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1420-1425	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1440-1445	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1500-1505	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1520-1525	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1700-1705	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	1720-1740	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	2000-2005	THA HSW64 Bangkok Meteo Fax	SEA	u	
7396.8	2300-2340	THA HSW64 Bangkok Meteo Fax	SEA	u	
7405	0000-2400 irr	HOL Radio Piepzender	NL HOL	zw	
7410	1130-1200	CHN China Radio Int.	TAG PHL	n	
7410	1200-1300	CHN China Radio Int.	R FE	s	

7410	1300-1400	CHN China Radio Int.	J FE	j	
7410	1400-1500	CHN China Radio Int.	J FE	j	
7410	1400-1500	CHN China Radio Int.	M SEA	b	
7410	1500-1600	CHN China Radio Int.	E SAs	u	
7410	1600-1700	CHN China Radio Int.	HI SAs	k	
7410	1700-1800	CHN China Radio Int.	E SAs	ka	
7410	1700-1800	CHN China Radio Int.	R EEu	s	
7410	2300-2400	CHN China Radio Int.	E SAs	ka	
7410	2200-2230	CVA Radio Vaticana	M FE		
7410	0100-0200	G BBC	E SAs	/OMA-a	
7410	0200-0300	ROU Radio Romania Int.	F ENA	g	
7410	0400-0500	ROU Radio Romania Int.	E WNA	t	
7410	1820-1835	Mo-Fr SWZ Trans World Radio	UM	AGL	
7410	1835-1901	Mo-Fr SWZ Trans World Radio	P	AGL	
7410	1850-1905	Sa SWZ Trans World Radio	UM	AGL	
7410	1850-1905	Su SWZ Trans World Radio	KWA	AGL	
7410	1905-1920	Su SWZ Trans World Radio	P	AGL	
7415	0000-0100	CHN China Radio Int.	R Sib	h	
7415	1800-1830	CHN China Radio Int.	FS IRN	x	
7415	1830-1900	CHN China Radio Int.	FS IRN	x	
7415	1900-1930	CHN China Radio Int.	CZ Eu	u	
7415	1930-2000	CHN China Radio Int.	CZ Eu	u	
7415	2000-2100	CHN China Radio Int.	E Eu	ka	
7415	2100-2200	CHN China Radio Int.	E Eu	ka	
7415	2300-2400	CHN China Radio Int.	R Sib	h	
7420	1600-1700	CHN China Radio Int.	E WAf	u	
7420	1700-1800	CHN China Radio Int.	E SEA	k	
7420	1700-1800	CHN China Radio Int.	EO Eu	x	
7420	0600-0950	We-Mo CHN PBS Nei Menggu	M CHN	hh	
7420	0950-1605	CHN PBS Nei Menggu	M CHN	hh	
7420	2150-0600	CHN PBS Nei Menggu	M CHN	hh	
7425	0000-0100	CHN China Radio Int.	E SAs	ka	
7425	2300-2400	CHN China Radio Int.	E SAs	ka	
7425	1100-1300	CHN CNR 2 China Business R.	M CHN	x	
7425	1300-1605	CHN CNR 2 China Business R.	M CHN	x	
7425	1800-1830	G BBC	F NAf	w	
7425	1950-2050	J Shiokaze	J KRE	y	
7430	0900-1000	CHN China Radio Int.	M FE	j	
7430	2200-2300	CHN China Radio Int.	J FE	j	
7430	2300-2400	CHN China Radio Int.	KH SEA	n	
7430	1300-1400	CHN CNR1 Jammer/Firedrake	M FE	a	
7430	1030-1050	J NHK Radio Japan	R FE	y	
7430	1300-1400	TWN Radio Taiwan Int.	M FE	k	
7433.5	0000-1200	KOR HLL Seoul Meteo Fax	FE	sg	
7433.5	1200-2400	KOR HLL Seoul Meteo Fax	FE	sg	
7435	1100-1200	CHN China Radio Int.	M FE	b	
7435	1400-1500	CHN China Radio Int.	R FE	s	
7435	1400-1500	CHN China Radio Int.	NE FE	k	

7435	1500-1530	CHN China Radio Int.	PS IRN	k
7435	1530-1600	CHN China Radio Int.	PS IRN	k
7435	1600-1700	CHN China Radio Int.	E SAF	b
7435	1700-1800	CHN China Radio Int.	E SAF	b
7435	1800-1900	CHN China Radio Int.	I SEu	j
7435	1900-1930	CHN China Radio Int.	HU Eu	x
7435	1930-2000	CHN China Radio Int.	RO EEU	x
7435	0000-1100	USA Radio Marti	S CUB	g
7435	1300-1500	USA Radio Marti	S CUB	g
7435	2145-1030	VTN Voice of Vietnam 1	VN Oc	s
7440	1200-1400	CHN China Radio Int.	M SEA	n
7440	2000-2100	CHN China Radio Int.	M Eu	b
7440	2200-2300	CHN China Radio Int.	M SAF	j
7440	1600-1630	ROU Radio Romania Int.	R EEU	t
7445	1400-1500	CHN China Radio Int.	BR SEA	k
7445	1600-1700	CHN China Radio Int.	R CAs	q
7445	1730-1830	CHN China Radio Int.	M Eu	u
7445	2100-2130	CHN China Radio Int.	SR Eu	k
7445	2130-2200	CHN China Radio Int.	HU Eu	u
7445	0030-0100	G BBC	DR AFG	w
7445	0100-0130	G BBC	PS AFG	w
7445	0130-0200	G BBC	DR AFG	w
7445	0200-0230	G BBC	PS AFG	/OMA-a
7445	0230-0300	G BBC	DR AFG	/OMA-a
7450	0900-1000	We-Mo CHN Xizang RTV	M CHN	t
7450	1000-1800	CHN Xizang RTV	M CHN	t
7450	2000-2100	We-Mo CHN Xizang RTV	M CHN	t
7450	2100-0300	CHN Xizang RTV	M CHN	t
7450	0500-0520	J NHK Radio Japan	F WAF	/F-i
7455	0000-2400	PTR NAU US Navy	-TY NAm	i
7455	1800-1900	USA Adventist World Radio	K FE	/GUM-a
7455	1900-2000	USA Adventist World Radio	K FE	/GUM-a
7460	2130-1700	CHN CNR1 Jammer/Firedrake	M FE	
7460	0000-0100	TWN Sound of Hope	M FE	
7460	0100-0200	TWN Sound of Hope	M FE	
7460	0200-1200	TWN Sound of Hope	M FE	
7460	1200-1300	TWN Sound of Hope	M FE	
7460	1300-1400	TWN Sound of Hope	M FE	
7460	1400-1500	TWN Sound of Hope	M FE	
7460	1500-1600	TWN Sound of Hope	M FE	
7460	1600-1700	TWN Sound of Hope	M FE	
7460	1700-2000	TWN Sound of Hope	M FE	
7460	2130-2200	TWN Sound of Hope	M FE	
7460	2200-2300	TWN Sound of Hope	M FE	
7460	2300-2400	TWN Sound of Hope	M FE	
7469	0930-0940	We,Th POL E11 Polish Spy Numbers	E	p
7473	2335-2400	CLA Voice of Tibet	TB FE	/TJK
7475	2300-2335	CHN CNR1 Jammer/Firedrake	M FE	

7475	2335-2400	CHN CNR1 Jammer/Firedrake	M	FE	
7475	0200-0700 irr	USA Radio YHWH	E	WNA	xx
7477	2300-2335	CLA Voice of Tibet	TB	FE	/TJK
7480	1445-1500	USA Trans World Radio	KZ	CAs	/UZB
7483	2335-2400	CLA Voice of Tibet	TB	FE	/TJK
7485	2300-2335	CHN CNR1 Jammer/Firedrake	M	FE	
7485	2335-2400	CHN CNR1 Jammer/Firedrake	M	FE	
7487	2300-2335	CLA Voice of Tibet	TB	FE	/TJK
7490	1700-0500	USA WBCQ The Planet	E	NAm	q
7490	1300-1600	USA WWCR 2 Nashville, TN	E	NAm	n
7493	2300-2335	CLA Voice of Tibet	TB	FE	/TJK
7495	2300-2335	CHN CNR1 Jammer/Firedrake	M	FE	
7503	2335-2400	CLA Voice of Tibet	TB	FE	/TJK
7505	2335-2400	CHN CNR1 Jammer/Firedrake	M	FE	
7505	0200-0400	USA WRNO New Orleans	E	NAm	no
7505	0400-0530 irr	USA WRNO New Orleans	HI	NAm	no
7505	0400-0830	USA WRNO New Orleans	E	NAm	no
7508.7	0000-2400	RUS Channel Marker D	-CW	EEu	se
7508.8	0000-2400	RUS Channel Marker P	-CW	RUS	kl
7508.9	0000-2400	RUS Channel Marker S	-CW	RUS	sm
7509	0000-2400	RUS Channel Marker C	-CW	RUS	m
7509.1	0000-2400	RUS Channel Marker A	-CW	RUS	as
7520	1800-1830 Su	CAN Bible Voice	R	EEu	/UZB
7520	1830-1900 Su	CAN Bible Voice	UD	EEu	/UZB
7520	0100-0300 Tu-Sa	USA WWCR 4 Nashville, TN	E	NAm	n
7530	1530-1600	CLA Voice of Martyrs	K	KRE	/UZB
7530	2100-2130	CLA Voice of Martyrs	K	FE	/UZB
7535	0015-0215	AUS VMW Wiluna Met Fax	Oc		w
7535	0245-0330	AUS VMW Wiluna Met Fax	Oc		w
7535	0400-0945	AUS VMW Wiluna Met Fax	Oc		w
7535	1015-1100	AUS VMW Wiluna Met Fax	Oc		w
7535	1100-1730	AUS VMW Wiluna Met Fax	Oc		w
7535	1800-1845	AUS VMW Wiluna Met Fax	Oc		w
7535	1915-2045	AUS VMW Wiluna Met Fax	Oc		w
7535	2215-2400	AUS VMW Wiluna Met Fax	Oc		w
7535	2000-0100	CHL RCW Compañía Worldwide	S	CHL	gc
7540	1300-1330 Mo-Fr	USA Trans World Radio	K	FE	/UZB
7540	1330-1400	USA Trans World Radio	K	FE	/UZB
7540	1400-1430	USA Trans World Radio	K	FE	/TJK
7540	1430-1500	USA Trans World Radio	K	FE	/UZB
7540	1900-2000	USA Trans World Radio	K	FE	/UZB
7542	0000-2400	RUS Chelyabinsk Aero Brazka	R	RUS	cy
7542	0000-2400	RUS Kazan Aero Melodia Dwa	R	CAs	kz
7542	0000-2400	RUS Mozdok Aero Assistent	R	CAs	mz
7542	0000-2400	RUS Novosib. Aero Katyusha	R	CAs	nv
7542	0000-2400	RUS Omsk Aero Keepl	R	CAs	om
7542	0000-2400	RUS Samara Aero Amba	R	CAs	sv
7542	0000-2400	RUS Yekaterinb. Aero Alenki	R	CAs	yv

7550	1500-1800	SaSu B Rádio Ameixinha, SP	P B	mp
7550	1800-0200	B Rádio Ameixinha, SP	P B	mp
7570	1300-1400	KRE Voice of Korea	E Eu	u
7570	1400-1500	KRE Voice of Korea	F Eu	u
7570	1500-1600	KRE Voice of Korea	E Eu	u
7570	1600-1700	KRE Voice of Korea	F Eu	u
7570	1700-1750	KRE Voice of Korea KCBS	K Eu	u
7570	1800-1900	KRE Voice of Korea	E Eu	u
7570	1900-2000	KRE Voice of Korea	S Eu	u
7570	2000-2100	KRE Voice of Korea	F Eu	u
7570	2100-2200	KRE Voice of Korea	E Eu	u
7570	2200-2300	KRE Voice of Korea	S Eu	u
7570	2300-2350	KRE Voice of Korea KCBS	K Eu	u
7570	0100-1200	USA WRMI Radio Miami Int.	E WNA	o
7572	0835-0850	Mo-Fr E Ejercito del Aire	S E	to
7580	0700-0900	KRE Voice of Korea	J J	u
7580	0900-1300	KRE Voice of Korea	J J	u
7580	2100-2400	KRE Voice of Korea	J J	u
7585	0000-2400	irr B Rádio Continental	P B	xx
7585	1400-1500	CLA North Korea Reform R.	K KRE	/UZB
7585	2000-2100	CLA North Korea Reform R.	K KRE	/UZB
7600	0200-0100	CHN CNR1 Jammer/Firedrake	M FE	
7600.2	0000-0100	TWN Sound of Hope	M FE	
7600.2	0200-1200	TWN Sound of Hope	M FE	
7600.2	1200-1300	TWN Sound of Hope	M FE	
7600.2	1300-1400	TWN Sound of Hope	M FE	
7600.2	1400-1500	TWN Sound of Hope	M FE	
7600.2	1500-1600	TWN Sound of Hope	M FE	
7600.2	1600-1700	TWN Sound of Hope	M FE	
7600.2	1700-2000	TWN Sound of Hope	M FE	
7600.2	2000-2100	TWN Sound of Hope	M FE	
7600.2	2100-2130	TWN Sound of Hope	M FE	
7600.2	2130-2200	TWN Sound of Hope	M FE	
7600.2	2200-2300	TWN Sound of Hope	M FE	
7600.2	2300-2400	TWN Sound of Hope	M FE	
7602	0000-2400	RUS RIT Northern Fleet	-CW NEu	sm
7605	2000-2100	CLA Free North Korea Radio	K KRE	/UZB
7610	1730-1800	USA Radio Ranginkaman	FS IRN	/UZB
7615	2000-2100	CLA Free North Korea Radio	K KRE	/UZB
7625	1500-1530	CLA Voice of Martyrs	M FE	/UZB
7625	2100-2130	CLA Voice of Martyrs	M FE	/UZB
7645	0000-0100	TWN Sound of Hope	M FE	
7645	0200-1200	TWN Sound of Hope	M FE	
7645	1200-1300	TWN Sound of Hope	M FE	
7645	1300-1400	TWN Sound of Hope	M FE	
7645	1400-1500	TWN Sound of Hope	M FE	
7645	1500-1600	TWN Sound of Hope	M FE	
7645	1600-1700	TWN Sound of Hope	M FE	

7645	1700-2000	TWN Sound of Hope	M	FE	
7645	2000-2100	TWN Sound of Hope	M	FE	
7645	2100-2130	TWN Sound of Hope	M	FE	
7645	2130-2200	TWN Sound of Hope	M	FE	
7645	2200-2300	TWN Sound of Hope	M	FE	
7645	2300-2400	TWN Sound of Hope	M	FE	
7646	0000-2400	D DWD 1 Pinneberg RTTY	E	Eu	pi
7685	0000-2400 irr	B Rádio Cidade Oldies	P	SAm	xx
7730	0000-2400	CHN CNR1 Jammer/Firedrake	M	FE	
7730	0000-0100	TWN Sound of Hope	M	FE	
7730	0100-0200	TWN Sound of Hope	M	FE	
7730	0200-1200	TWN Sound of Hope	M	FE	
7730	1200-1300	TWN Sound of Hope	M	FE	
7730	1300-1400	TWN Sound of Hope	M	FE	
7730	1400-1500	TWN Sound of Hope	M	FE	
7730	1500-1600	TWN Sound of Hope	CA	FE	
7730	1600-1700	TWN Sound of Hope	M	FE	
7730	1700-2000	TWN Sound of Hope	M	FE	
7730	2000-2100	TWN Sound of Hope	M	FE	
7730	2100-2130	TWN Sound of Hope	M	FE	
7730	2130-2200	TWN Sound of Hope	M	FE	
7730	2200-2300	TWN Sound of Hope	M	FE	
7730	2300-2400	TWN Sound of Hope	M	FE	
7730	0500-1100	USA Brother Stair	E	ENA	o
7730	1400-1600	USA Brother Stair	E	ENA	o
7730	0000-2400	USA WRMI Radio Miami Int.	E	ENA	o
7750	0300-0600 irr	SOM Warsan Radio USB	SO	Eaf	b
7750	0900-1945 irr	SOM Warsan Radio USB	SO	Eaf	b
7750.2	0000-0100	TWN Sound of Hope	M	FE	
7750.2	0100-0200	TWN Sound of Hope	M	FE	
7750.2	0200-1200	TWN Sound of Hope	M	FE	
7750.2	1200-1300	TWN Sound of Hope	M	FE	
7750.2	1300-1400	TWN Sound of Hope	M	FE	
7750.2	1400-1500	TWN Sound of Hope	M	FE	
7750.2	1500-1600	TWN Sound of Hope	CA	FE	
7750.2	1600-1700	TWN Sound of Hope	M	FE	
7750.2	1700-2000	TWN Sound of Hope	M	FE	
7750.2	2000-2100	TWN Sound of Hope	M	FE	
7750.2	2100-2130	TWN Sound of Hope	M	FE	
7750.2	2130-2200	TWN Sound of Hope	M	FE	
7750.2	2200-2300	TWN Sound of Hope	M	FE	
7750.2	2300-2400	TWN Sound of Hope	M	FE	
7780	0100-0130	CZE Radio Prague	F	WNA	/USA-o
7780	0130-0200	CZE Radio Prague	E	WNA	/USA-o
7780	0200-0230	CZE Radio Prague	S	WNA	/USA-o
7780	0230-0300	CZE Radio Prague	D	WNA	/USA-o
7780	0900-1000	INS Voice of Indonesia	E	WNA	/USA-o
7780	0000-1200	USA WRMI Radio Miami Int.	E	WNA	o

7795	0000-2400	J JMH Japan Meteo Fax	FE	k
7830	0000-2400	PTR NAU US Navy	-TY NAm	i
7840	0645-0655	Tu,Th POL E11 Polish Spy Numbers	E	p
7850	0000-2400	CAN CHU Ottawa	-TS NAm	o
7850	0600-0610	Fr,Su POL E11 Polish Spy Numbers	E	p
7880	0430-0545	D DWD Pinneberg Met Fax	Eu	pi
7880	0638-1155	D DWD Pinneberg Met Fax	Eu	pi
7880	1236-1551	D DWD Pinneberg Met Fax	Eu	pi
7880	1636-1655	D DWD Pinneberg Met Fax	Eu	pi
7880	1800-1947	D DWD Pinneberg Met Fax	Eu	pi
7880	2035-2300	D DWD Pinneberg Met Fax	Eu	pi
7906	0050-0100	VTN Ben Thuy Radio	VN SEA	bt
7906	0450-0500	VTN Ben Thuy Radio	VN SEA	bt
7906	0850-0900	VTN Ben Thuy Radio	VN SEA	bt
7906	1250-1300	VTN Ben Thuy Radio	VN SEA	bt
7906	1650-1700	VTN Ben Thuy Radio	VN SEA	bt
7906	2050-2100	VTN Ben Thuy Radio	VN SEA	bt
7906	0335-0345	VTN Ca Mau Radio	VN SEA	cm
7906	0735-0745	VTN Ca Mau Radio	VN SEA	cm
7906	1135-1140	VTN Ca Mau Radio	VN SEA	cm
7906	1535-1545	VTN Ca Mau Radio	VN SEA	cm
7906	1935-1945	VTN Ca Mau Radio	VN SEA	cm
7906	2335-2345	VTN Ca Mau Radio	VN SEA	cm
7906	0205-0215	VTN Can Tho Radio	VN SEA	ct
7906	0605-0615	VTN Can Tho Radio	VN SEA	ct
7906	1005-1015	VTN Can Tho Radio	VN SEA	ct
7906	1405-1415	VTN Can Tho Radio	VN SEA	ct
7906	1805-1815	VTN Can Tho Radio	VN SEA	ct
7906	2205-2215	VTN Can Tho Radio	VN SEA	ct
7906	0035-0045	VTN Da Nang Radio XVT	VN SEA	dn
7906	0435-0445	VTN Da Nang Radio XVT	VN SEA	dn
7906	0835-0845	VTN Da Nang Radio XVT	VN SEA	dn
7906	1235-1245	VTN Da Nang Radio XVT	VN SEA	dn
7906	1635-1645	VTN Da Nang Radio XVT	VN SEA	dn
7906	2035-2045	VTN Da Nang Radio XVT	VN SEA	dn
7906	0005-0015	VTN Hai Phong Radio XVG	VN SEA	hp
7906	0405-0415	VTN Hai Phong Radio XVG	VN SEA	hp
7906	0805-0815	VTN Hai Phong Radio XVG	VN SEA	hp
7906	1205-1215	VTN Hai Phong Radio XVG	VN SEA	hp
7906	1605-1615	VTN Hai Phong Radio XVG	VN SEA	hp
7906	2005-2015	VTN Hai Phong Radio XVG	VN SEA	hp
7906	0105-0115	VTN Ho Chi Minh City R.XVS	E SEA	vt
7906	0505-0515	VTN Ho Chi Minh City R.XVS	E SEA	vt
7906	0905-0915	VTN Ho Chi Minh City R.XVS	E SEA	vt
7906	1305-1310	VTN Ho Chi Minh City R.XVS	VN SEA	vt
7906	1310-1315	VTN Ho Chi Minh City R.XVS	VN SEA	vt
7906	1705-1715	VTN Ho Chi Minh City R.XVS	E SEA	vt
7906	2105-2115	VTN Ho Chi Minh City R.XVS	E SEA	vt

7906	0305-0315	VTN Hon Gai Radio	VN SEA	hg
7906	0705-0715	VTN Hon Gai Radio	VN SEA	hg
7906	1105-1115	VTN Hon Gai Radio	VN SEA	hg
7906	1505-1515	VTN Hon Gai Radio	VN SEA	hg
7906	1905-1915	VTN Hon Gai Radio	VN SEA	hg
7906	2305-2315	VTN Hon Gai Radio	VN SEA	hg
7906	0250-0300	VTN Hue Radio	VN SEA	hu
7906	0650-0700	VTN Hue Radio	VN SEA	hu
7906	1050-1100	VTN Hue Radio	VN SEA	hu
7906	1450-1500	VTN Hue Radio	VN SEA	hu
7906	1850-1900	VTN Hue Radio	VN SEA	hu
7906	2250-2300	VTN Hue Radio	VN SEA	hu
7906	0220-0230	VTN Kien Giang Radio	VN SEA	kg
7906	0620-0630	VTN Kien Giang Radio	VN SEA	kg
7906	1020-1030	VTN Kien Giang Radio	VN SEA	kg
7906	1420-1430	VTN Kien Giang Radio	VN SEA	kg
7906	1820-1830	VTN Kien Giang Radio	VN SEA	kg
7906	2220-2230	VTN Kien Giang Radio	VN SEA	kg
7906	0120-0130	VTN Mong Cai Radio XVM	VN SEA	mc
7906	0520-0530	VTN Mong Cai Radio XVM	VN SEA	mc
7906	0920-0930	VTN Mong Cai Radio XVM	VN SEA	mc
7906	1320-1330	VTN Mong Cai Radio XVM	VN SEA	mc
7906	1720-1730	VTN Mong Cai Radio XVM	VN SEA	mc
7906	2120-2130	VTN Mong Cai Radio XVM	VN SEA	mc
7906	0350-0400	VTN Nha Trang Radio XVN	VN SEA	nt
7906	0750-0800	VTN Nha Trang Radio XVN	VN SEA	nt
7906	1150-1200	VTN Nha Trang Radio XVN	VN SEA	nt
7906	1550-1600	VTN Nha Trang Radio XVN	VN SEA	nt
7906	1950-2000	VTN Nha Trang Radio XVN	VN SEA	nt
7906	2350-2400	VTN Nha Trang Radio XVN	VN SEA	nt
7906	0135-0145	VTN Phan Rang Radio	VN SEA	pr
7906	0535-0545	VTN Phan Rang Radio	VN SEA	pr
7906	0935-0945	VTN Phan Rang Radio	VN SEA	pr
7906	1335-1345	VTN Phan Rang Radio	VN SEA	pr
7906	1735-1745	VTN Phan Rang Radio	VN SEA	pr
7906	2135-2145	VTN Phan Rang Radio	VN SEA	pr
7906	0150-0200	VTN Phan Tiet Radio	VN SEA	pt
7906	0550-0600	VTN Phan Tiet Radio	VN SEA	pt
7906	0950-1000	VTN Phan Tiet Radio	VN SEA	pt
7906	1350-1400	VTN Phan Tiet Radio	VN SEA	pt
7906	1750-1800	VTN Phan Tiet Radio	VN SEA	pt
7906	2150-2200	VTN Phan Tiet Radio	VN SEA	pt
7906	0320-0330	VTN Phu Yen Radio	VN SEA	py
7906	0720-0730	VTN Phu Yen Radio	VN SEA	py
7906	1120-1130	VTN Phu Yen Radio	VN SEA	py
7906	1520-1530	VTN Phu Yen Radio	VN SEA	py
7906	1920-1930	VTN Phu Yen Radio	VN SEA	py
7906	2320-2330	VTN Phu Yen Radio	VN SEA	py

7906	0235-0245	VTN Quy Nhon Radio	VN SEA	qn
7906	0635-0645	VTN Quy Nhon Radio	VN SEA	qn
7906	1035-1045	VTN Quy Nhon Radio	VN SEA	qn
7906	1435-1445	VTN Quy Nhon Radio	VN SEA	qn
7906	1835-1845	VTN Quy Nhon Radio	VN SEA	qn
7906	2235-2245	VTN Quy Nhon Radio	VN SEA	qn
7906	0020-0030	VTN Vung Tau Radio	VN SEA	vt
7906	0420-0430	VTN Vung Tau Radio	VN SEA	vt
7906	0820-0830	VTN Vung Tau Radio	VN SEA	vt
7906	1220-1230	VTN Vung Tau Radio	VN SEA	vt
7906	1620-1630	VTN Vung Tau Radio	VN SEA	vt
7906	2020-2030	VTN Vung Tau Radio	VN SEA	vt
7923	2000-2010 Fr	RUS S06 Russian Spy Numbers	R RUS	xx
8000	0000-2400	B Rádio Casa AM	P B	am
8006	0000-2400	J JG2XA Propag.Studies	-CW FE	f
8006	0000-2400	RUS RJD59 Russian Navy	-TY EEu	kl
8040	0500-0600	G GYA Northwood Meteo Fax	WEu	nw
8040	0600-2000	G GYA Northwood Meteo Fax	WEu	nw
8040	2000-2200	G GYA Northwood Meteo Fax	WEu	nw
8040	2200-0500	G GYA Northwood Meteo Fax	WEu	nw
8070	1015-2325	BOL La Paz Volmet x15	S BOL	p
8105	0845-1100	GRC SWA18 Athens Meteo Fax	SEE	o
8112	0000-2400	RUS Air Force Bear Net	-CW RUS	m
8113	1000-2300	AUS VMW Wiluna WA	E AUS	w
8113	2300-1000	AUS VMW Wiluna WA	E AUS	w
8117	0000-2400	TWN Central Weather Bureau	M FE	q
8120	0000-2400	CHN BAF Beijing Meteo Fax	FE	bm
8131	0000-2400	RUS Air Force Bear Net	R RUS	m
8137	1100-1130	USA WCY Marine Weather Ctr	E Car	LL
8137	1130-1200	USA WCY Marine Weather Ctr	E BAH	LL
8137	1230-1300	USA WCY Marine Weather Ctr	E ENA	LL
8137	1330-1400	USA WCY Marine Weather Ctr	E CAm	LL
8137	2200-2230	USA WCY Marine Weather Ctr	E Car	LL
8153	1140-1150 Tu,Fr	RUS E07 Russian Spy Numbers	E RUS	m
8169	0200-0300	TWN Star-Star Bc.Station	M CHN	y
8169	0300-0400	TWN Star-Star Bc.Station	M CHN	y
8176	0800-2100	AUS VMC Charleville QL	E AUS	c
8176	2100-0800	AUS VMC Charleville QL	E AUS	c
8210.5	1100-1120	CLM Columbia Coastguard	S Car	sa
8210.5	2200-2220	CLM Columbia Coastguard	S Car	sa
8250	0025-0040	CLM Columbia Coastguard	S Car	bu
8250	1100-1110	CLM Columbia Coastguard	S Car	bu
8291	1400-1410	CYM Cayman Isl.Coastguard	E Car	
8294	0440-0450	ARG L3A Comodoro Rivadavia	S SAm	cr
8294	0740-0750	ARG L3A Comodoro Rivadavia	S SAm	cr
8294	1740-1750	ARG L3A Comodoro Rivadavia	S SAm	cr
8294	2040-2050	ARG L3A Comodoro Rivadavia	S SAm	cr
8294	0035-0045	VTN Da Nang Radio XVT	VN SEA	dn

8294	0435-0445	VTN Da Nang Radio XVT	VN SEA	dn
8294	0835-0845	VTN Da Nang Radio XVT	VN SEA	dn
8294	1235-1245	VTN Da Nang Radio XVT	VN SEA	dn
8294	1635-1645	VTN Da Nang Radio XVT	VN SEA	dn
8294	2035-2045	VTN Da Nang Radio XVT	VN SEA	dn
8294	0005-0015	VTN Hai Phong Radio XVG	VN SEA	hp
8294	0405-0415	VTN Hai Phong Radio XVG	VN SEA	hp
8294	0805-0815	VTN Hai Phong Radio XVG	VN SEA	hp
8294	1205-1215	VTN Hai Phong Radio XVG	VN SEA	hp
8294	1605-1615	VTN Hai Phong Radio XVG	VN SEA	hp
8294	2005-2015	VTN Hai Phong Radio XVG	VN SEA	hp
8294	0105-0115	VTN Ho Chi Minh City R.XVS	E SEA	vt
8294	0505-0515	VTN Ho Chi Minh City R.XVS	E SEA	vt
8294	0905-0915	VTN Ho Chi Minh City R.XVS	VN SEA	vt
8294	1305-1310	VTN Ho Chi Minh City R.XVS	VN SEA	vt
8294	1705-1715	VTN Ho Chi Minh City R.XVS	E SEA	vt
8294	2105-2115	VTN Ho Chi Minh City R.XVS	E SEA	vt
8297	0333-0410	NZL ZLM Taupo Maritime R.	E Oc	t
8297	1003-1040	NZL ZLM Taupo Maritime R.	E Oc	t
8297	1533-1610	NZL ZLM Taupo Maritime R.	E Oc	t
8297	2203-2245	NZL ZLM Taupo Maritime R.	E Oc	t
8300	0000-0100	TWN Star-Star Bc.Station	M CHN	y
8300	0100-0200	TWN Star-Star Bc.Station	M CHN	y
8300	0200-0300	TWN Star-Star Bc.Station	M CHN	y
8300	1500-1600	TWN Star-Star Bc.Station	M CHN	y
8302	0000-0155	CHN XSG Shanghai Radio Fax	M FE	sh
8302	0230-0655	CHN XSG Shanghai Radio Fax	M FE	sh
8302	0730-1030	CHN XSG Shanghai Radio Fax	M FE	sh
8302	1425-1450	CHN XSG Shanghai Radio Fax	M FE	sh
8302	2025-2050	CHN XSG Shanghai Radio Fax	M FE	sh
8310.5	0000-0540	CHN XSQ Guangzhou Meteo Fax	E FE	gx
8310.5	0815-0840 irr	CHN XSQ Guangzhou Meteo Fax	E FE	gx
8310.5	1225-1715	CHN XSQ Guangzhou Meteo Fax	E FE	gx
8310.5	2015-2040 irr	CHN XSQ Guangzhou Meteo Fax	E FE	gx
8417.5	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
8418.5	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
8421	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
8424	0000-2400	GRC SVO Olimpia Radio	-CW SEu	o
8425.5	0000-2400	CHN XSG Shanghai Radio	-TY FE	sh
8427	1800-0100 Sa	USA MRHS KPH Bolinas, CA	-TY WNA	pr
8431	0000-2400	CHN XSQ Guangzhou Radio	-TY FE	gx
8431	0000-2400	TUR TAH Turk Radio Istanbul	-CW ME	is
8433	0000-2400	CHN XSG Shanghai Radio	-TY FE	sh
8434	0000-2400	TUR TAH Turk Radio Istanbul	-CW ME	is
8435	0000-2400	CHN XSQ Guangzhou Radio	-TY FE	gx
8439	0000-2400	HOL PBB Ny DenHelder	-TY WEu	cg
8444	0330-0355	RUS RBW Murmansk Meteo Fax	NEu	mm
8444	1030-1055	RUS RBW Murmansk Meteo Fax	NEu	mm

8444	1330-1355	RUS RBW Murmansk Meteo Fax	NEu	mm
8444	1445-1510	RUS RBW Murmansk Meteo Fax	NEu	mm
8444	2000-2025	RUS RBW Murmansk Meteo Fax	NEu	mm
8456	0315-0325	Mo,We POL E11 Polish Spy Numbers	E	p
8459	0340-0610	ALS NOJ Fax Kodiak	WNA	k
8459	0950-1210	ALS NOJ Fax Kodiak	WNA	k
8459	1540-1820	ALS NOJ Fax Kodiak	WNA	k
8459	2150-0030	ALS NOJ Fax Kodiak	WNA	k
8484	0900-2400	KOR HLG Seoul Radio	-CW FE	
8484.5	0000-2400	RUS Channel Marker P	-CW RUS	kl
8494.7	0000-2400	RUS Channel Marker D	-CW EEU	se
8494.8	0000-2400	RUS Channel Marker P	-CW RUS	kl
8494.9	0000-2400	RUS Channel Marker S	-CW RUS	sm
8495	0000-2400	RUS Channel Marker C	-CW RUS	m
8495.1	0000-2400	RUS Channel Marker A	-CW RUS	as
8495.2	0000-2400	RUS Channel Marker F	-CW FE	vl
8495.3	0000-2400	RUS Channel Marker K	-CW FE	pk
8495.4	0000-2400	RUS Channel Marker M	-CW FE	mg
8497.8	0000-2400	RUS Channel Marker L	-CW RUS	pt
8502	0330-0410	USA NMG USCG New Orleans	E NAm	nm
8502	0515-0550	USA NMG USCG New Orleans	E NAm	nm
8502	0930-1015	USA NMG USCG New Orleans	E NAm	nm
8502	1115-1150	USA NMG USCG New Orleans	E NAm	nm
8502	1530-1605	USA NMG USCG New Orleans	E NAm	nm
8502	1715-1750	USA NMG USCG New Orleans	E NAm	nm
8502	2130-2245	USA NMG USCG New Orleans	E NAm	nm
8502	2315-2350	USA NMG USCG New Orleans	E NAm	nm
8503.9	0000-0305	USA NMG Fax New Orleans	Car	nm
8503.9	0600-0855	USA NMG Fax New Orleans	Car	nm
8503.9	1200-1505	USA NMG Fax New Orleans	Car	nm
8503.9	1800-2105	USA NMG Fax New Orleans	Car	nm
8514	0000-2400	CHN XSQ Guangzhou Radio x30	M FE	gx
8580	0230-0245	B PWZ33 Rio d.J.Naval Wx	P B	rw
8580	0400-0415	B PWZ33 Rio d.J.Naval Wx	P B	rw
8580	0600-0615	B PWZ33 Rio d.J.Naval Wx	P B	rw
8580	1430-1445	B PWZ33 Rio d.J.Naval Wx	P B	rw
8580	1845-1900	B PWZ33 Rio d.J.Naval Wx	P B	rw
8580	2130-2145	B PWZ33 Rio d.J.Naval Wx	P B	rw
8617	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
8636	0900-2400	KOR HLW Seoul Radio	-CW FE	
8642	1800-0100	Sa USA MRHS KPH Bolinas, CA	-CW WNA	pr
8658	0020-0035	J JFX Kagoshima Fish.Fax	WOc	m
8658	0110-0125	Mo J JFX Kagoshima Fish.Fax	WOc	m
8658	0330-0345	J JFX Kagoshima Fish.Fax	WOc	m
8658	0400-0415	J JFX Kagoshima Fish.Fax	WOc	m
8658	0440-0455	irr J JFX Kagoshima Fish.Fax	WOc	m
8658	0830-0845	J JFX Kagoshima Fish.Fax	WOc	m
8658	0930-0945	J JFX Kagoshima Fish.Fax	WOc	m

8658	1100-1115	J JFX Kagoshima Fish.Fax	WOc	m
8658	1800-1815	J JFX Kagoshima Fish.Fax	WOc	m
8658	2200-2215	J JFX Kagoshima Fish.Fax	WOc	m
8658	2240-2255	J JFX Kagoshima Fish.Fax	WOc	m
8677	1115-1200	CHL CBV Valparaiso Met Fax	SAm	v
8677	1630-1715	CHL CBV Valparaiso Met Fax	SAm	v
8677	1915-2100	CHL CBV Valparaiso Met Fax	SAm	v
8677	2200-2355	CHL CBV Valparaiso Met Fax	SAm	v
8682	0140-0415	USA NMC Fax Pt Reyes CA	WNA	pr
8682	0655-1015	USA NMC Fax Pt Reyes CA	WNA	pr
8682	1120-1235	USA NMC Fax Pt Reyes CA	WNA	pr
8682	1400-1615	USA NMC Fax Pt Reyes CA	WNA	pr
8682	1820-1840	USA NMC Fax Pt Reyes CA	WNA	pr
8682	1840-2220	USA NMC Fax Pt Reyes CA	WNA	pr
8682	2320-2400	USA NMC Fax Pt Reyes CA	WNA	pr
8710	0000-2400	ARG L3A Comodoro Rivadavia	S SAm	cr
8719	0000-2400	S Stockholm Radio	E NEu	gr
8725	0000-2400	S Stockholm Radio	E NEu	gr
8728	0830-0900	MCO 3AC Radio Monaco	F,E SEu	/F-ma
8728	0930-0940	MCO 3AC Radio Monaco	F,E NAO	/F-ma
8728	1120-1130	MCO 3AC Radio Monaco	F,E NAO	/F-ma
8728	1303-1330	MCO 3AC Radio Monaco	F,E SEu	/F-ma
8728	1830-1900	MCO 3AC Radio Monaco	F,E SEu	/F-ma
8728	0000-2400	USA KLB Seattle, WA x15,x45	E WNA	sk
8740	1815-1845	AFS ZSC Cape Town Radio	E SAF	ct
8743	0000-0200	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	0300-0500	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	0600-0800	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	0900-1100	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	1200-1400	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	1500-1700	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	1800-2000	THA Bangkok Meterolog.Radio	E,T SEA	bv
8743	2100-2300	THA Bangkok Meterolog.Radio	E,T SEA	bv
8746	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
8749	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
8755	0000-2400	CHN XSV Tianjin Radio	M FE	tj
8761	0640-2240	EST Tallinn Radio	E NEu	ta
8761	2240-0640	EST Tallinn Radio	E NEu	ta
8764	0005-0040	HWA NMO USCG Honolulu	E Oc	nm
8764	0600-0635	HWA NMO USCG Honolulu	E Oc	nm
8764	1200-1235	HWA NMO USCG Honolulu	E Oc	nm
8764	1800-1835	HWA NMO USCG Honolulu	E Oc	nm
8764	0430-0505	USA NMC USCG Point Reyes	E NAm	pr
8764	1030-1105	USA NMC USCG Point Reyes	E NAm	pr
8764	1630-1705	USA NMC USCG Point Reyes	E NAm	pr
8764	2230-2305	USA NMC USCG Point Reyes	E NAm	pr
8764	0330-0430	USA NMN USCG Chesapeake	E NAm	ch
8764	0515-0615	USA NMN USCG Chesapeake	E NAm	ch

8764	0930-1030	USA NMN USCG Chesapeake	E	NAm	ch
8764	1115-1215	USA NMN USCG Chesapeake	E	NAm	ch
8764	1530-1630	USA NMN USCG Chesapeake	E	NAm	ch
8764	1715-1815	USA NMN USCG Chesapeake	E	NAm	ch
8764	2130-2230	USA NMN USCG Chesapeake	E	NAm	ch
8764	2315-0015	USA NMN USCG Chesapeake	E	NAm	ch
8770	0518-0528	SEY Seychelles Marine Wx	E	SEY	mh
8770	1548-1558	SEY Seychelles Marine Wx	E	SEY	mh
8776	1145-1245	GRC SVO Olympia Radio	GR	SEu	o
8776	1945-2000	GRC SVO Olympia Radio	GR	SEu	o
8779	0000-2400	I Romaradio IAR	I	SEu	r
8782	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
8782	0000-2400	USA KFS Rio Vista, CA	E	WNA	rv
8785	1000-1015	J JFE Itoman Marine R.	J	FE	it
8788	0000-2400	USA WLO Mobile Radio	E	Car	mo
8791	0000-2400	S Stockholm Radio	E	NEu	gr
8797	0000-2400	S Stockholm Radio	E	NEu	gr
8806	0000-2400	CHN XSG Shanghai Radio	M	FE	sh
8809	0000-2400	TUR TAH Turk Radio Istanbul	E	ME	is
8812	0033-0048	HKG Hong Kong Observatory	E	FE	a
8812	0433-0448	HKG Hong Kong Observatory	E	FE	a
8812	0633-0648	HKG Hong Kong Observatory	E	FE	a
8812	0933-0948	HKG Hong Kong Observatory	E	FE	a
8812	1003-1018	HKG Hong Kong Observatory	E	FE	a
8812	1333-1348	HKG Hong Kong Observatory	E	FE	a
8812	1733-1748	HKG Hong Kong Observatory	E	FE	a
8812	2033-2048	HKG Hong Kong Observatory	E	FE	a
8812	0915-0935	TUR TAH Turk Radio Istanbul	TU	ME	is
8812	0955-1020	TUR TAH Turk Radio Istanbul	TU	ME	is
8812	1020-1030	TUR TAH Turk Radio Istanbul	E	ME	is
8812	1700-1730	TUR TAH Turk Radio Istanbul	TU	ME	is
8812	1755-1820	TUR TAH Turk Radio Istanbul	TU	ME	is
8812	1820-1840	TUR TAH Turk Radio Istanbul	E	ME	is
8812	1231-1235	VTN Vietnam Maritime Comm.	VN	SEA	xx
8812	1235-1237	VTN Vietnam Maritime Comm.	E	SEA	xx
8812	1239-1242	VTN Ho Chi Minh City R.XVS	E	SEA	vt
8812	1246-1248	VTN Ho Chi Minh City R.XVS	VN	SEA	vt
8812	1248-1250	VTN Ho Chi Minh City R.XVS	E	SEA	vt
8812	2030-2040	VTN Ho Chi Minh City R.XVS	E	SEA	vt
8819	0000-2400	UZB Tashkent Volmet x20,x50	R	CAs	a
8825	0930-2350	ARG Com.RivadaviaVolmet x30	S	ARG	cv
8825	0000-2400	AZR Santa Maria Radio	E	NAO	sm
8825	0000-2400	THA Hat Yai HFDL (ID6)	-HF	SEA	hy
8825	0000-2400	USA New York Radio	E	NAO	bg
8828	0000-2400	HKG Hongkong Volmet x15,x45	E	FE	a
8828	0000-2400	J Tokyo Volmet x10,x40	E	FE	tv
8828	0000-2400	NZL Auckland Volmet x20,x50	E	FE	a
8831	0000-2400	AUS Brisbane Radio	E	AUS	

8831	0000-2400	CAN Gander Radio F	E	NAO	g
8831	1000-1800	IRL Shannon Aeradio F	E	NAO	s
8834	0000-2400	AFS Johannesburg HFDL (ID8) -HF SAF			j
8843	0000-2400	IRL Shannon HFDL (ID7) -HF NAO			s
8843	0000-2400	USA San Francisco Radio CEP	E	EOc	dx
8846	0000-2400	USA New York Radio	E	Car	bg
8847	0000-2400	RUS AF Transport Davlenie	R	EEu	tc
8847	0000-2400	RUS AF Transport Kasta	R	EEu	to
8847	0000-2400	RUS AF Transport Klarnetist	R	EEu	to
8847	0000-2400	RUS AF Transport Korsar	R	EEu	m
8847	0000-2400	RUS AF Transport Magnetron	R	EEu	sc
8847	0000-2400	RUS AF Transport Polis	R	EEu	o2
8847	0000-2400	RUS AF Transport Proselok	R	EEu	ps
8849	0000-2400 LSB	CHN Beijing Volmet x15,x45	E	FE	
8849	0000-0745 USB	CHN Guangzhou Volmet x00,30	E	FE	
8855	0000-2400	GUF Cayenne Radio	E	SAm	
8861	0000-2400	CNR Las Palmas Radio	E	Waf	
8861	0000-2400	CPV Sal Radio	E	Waf	
8861	0000-2400	IND Chennai Radio	E	SAs	
8861	0000-2400	SEN Dakar Radio	E	Waf	y
8864	0000-2400	CAN Gander Radio B	E	NAO	g
8864	0900-2100	IRL Shannon Aeradio B	E	NAO	s
8864	0000-2400	ISL Iceland Radio B	E	NAO	
8867	0000-2400	AUS Brisbane Radio	E	Oc	ae
8867	0000-2400	FJI Nadi Radio	E	Oc	n
8867	0000-2400	NZL Auckland Radio	E	Oc	a
8867	0000-2400	OCE Tahiti Radio	E	Oc	fa
8867	0000-2400	USA San Francisco Radio SP	E	Oc	/HWA-m
8870	0000-2400	USA San Francisco Radio CWP	E	WOc	/GUM-b
8878	0000-2400	ROU Bucuresti Aero	RO	Eu	b
8879	0000-2400	CAN Gander Radio C	E	NAO	g
8879	0000-2400	IND Mumbai Radio	E	SAs	
8879	0900-2100	IRL Shannon Aeradio C	E	NAO	s
8879	0000-2400	ISL Iceland Radio C	E	NAO	
8885	0000-2400	BHR Al Muharraq HFDL (ID15) -HF ME			m
8888	0000-2400	RUS Novosibir Volmet x07,37	R	CIS	nv
8888	0000-2400	RUS Samara Volmet x15,45	R	CIS	sv
8888	0000-2400	RUS Syktyvkar Volmet x00,30	R	CIS	sy
8891	0000-2400	CAN Gander Radio	E	NAO	g
8891	0000-2400	IRL Shannon Aeradio D	E	NAO	s
8891	0000-2400	ISL Iceland Radio B	E	NAO	
8891	0000-2400	NOR Bodo Radio	E	NAO	bo
8894	0000-2400	ALG Algiers Radio	E	NAf	
8894	0000-2400	MTN Nouakchott Radio	E	Waf	
8894	0000-2400	NGR Niamey Radio	E	CAf	
8894	0000-2400	PNR Albrook HFDL (ID11) -HF CAm			al
8900	0000-2400	ARG ResistenciaVolmetx20x50	S	ARG	r
8903	0000-2400	COD Kinshasa Radio	E	CAf	

8903	0000-2400	COG Brazzaville Radio	E	CAf	
8903	0000-2400	KOR Seoul Radio	E	FE	
8903	0000-2400	NGR Niamey Radio	E	CAf	
8903	0000-2400	PHL Manila Radio	E	WOc	
8903	0000-2400	TCD N'Djamena Radio	E	CAf	
8903	0000-2400	USA San Francisco Radio CWP	E	WOc	/HWA-m
8906	0000-2400	ARG Córdoba Volmet x25, x45	S	SAm	co
8906	0000-2400	AZR Santa Maria Radio A	E	NAO	sm
8906	0000-2400	CAN Gander Radio A	E	NAO	g
8906	0900-2100	IRL Shannon Aeradio A	E	NAO	s
8906	0000-2400	USA New York Radio	E	NAO	bg
8912	0000-2400	HWA Moloka'i HFDL (ID2)	-HF	Oc	m
8912	0000-2400	USA Riverhead HFDL (ID4)	-HF	ENA	rh
8915	0000-2400	USA San Francisco Radio CEP	E	EOc	dx
8918	0000-2400	CAN Gander Radio	E	NAO	g
8918	0000-2400	TRD Piarco Radio CAR-B	E	Car	
8918	0000-2400	USA New York Radio	E	Car	bg
8921	0000-2400	NZL Auckland HFDL (ID5)	-HF	SOc	a
8927	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba
8927	0000-2400	GUM Agana Guam HFDL (ID16)	-HF	WOc	h
8927	0000-2400	USA San Francisco HFDL(ID1)	-HF	WNA	dx
8930	0600-1800	S Stockholm Radio (Air)	E	Eu	gr
8930	1800-0600	S Stockholm Radio (Air)	E	Eu	gr
8933	0000-2400	USA New York Radio	E	NAO	bg
8933	0000-2400	USA San Francisco R. LDOC	E	Oc	dx
8936	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba
8936	0000-2400	HWA Moloka'i HFDL (ID2)	-HF	Oc	m
8939	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF	FE	m
8939	0000-2400	RUS Rostov Volmet x25,55	R	CIS	rv
8939	0000-2400	RUS StPeterbg Volmet x05,35	R	CIS	pv
8942	0000-2400	IRL Shannon HFDL (ID7)	-HF	NAO	s
8942	0000-2400	PHL Manila Radio	E	WOc	
8942	0000-2400	SNG Singapore Radio	E	SEA	
8948	0000-2400	CNR Canarias HFDL (ID17)	-HF	Waf	gc
8948	0000-2400	IND Mumbai Radio	E	SAs	
8951	0000-2400	USA San Francisco Radio NP	E	NOc	/HWA-m
8954	0000-2400	IRL Shannon Aeradio J	E	NAO	s
8957	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF	SAm	sz
8957	0000-2400	IRL Shannon Volmet	E	Eu	s
8977	0000-2400	ISL Reykjavik HFDL (ID3)	-HF	NAO	r
8989	2130-2400 irr	NCG Pescador Preacher	S	CAm	
8992	0000-2400	USA US Air Force Messages	E	NAm	
9050	0700-0710 Mo,Th	POL S11a Polish Spy Numbers	R		p
9079	1000-1010 Tu,Fr	POL E11 Polish Spy Numbers	E		p
9110	0230-0505	USA NMF Fax Boston MA	ENA		bo
9110	0745-1040	USA NMF Fax Boston MA	ENA		bo
9110	1400-1600	USA NMF Fax Boston MA	ENA		bo
9110	1720-2251	USA NMF Fax Boston MA	ENA		bo

9116.8	0000-2400	RUS Channel Marker M	-CW FE	mg
9120	2100-1700	CHN CNR1 Jammer/Firedrake	M FE	
9120	0000-0100	TWN Sound of Hope	M FE	
9120	0100-0200	TWN Sound of Hope	M FE	
9120	0200-1200	TWN Sound of Hope	M FE	
9120	1200-1300	TWN Sound of Hope	M FE	
9120	1300-1400	TWN Sound of Hope	M FE	
9120	1400-1500	TWN Sound of Hope	M FE	
9120	1500-1600	TWN Sound of Hope	M FE	
9120	1600-1700	TWN Sound of Hope	M FE	
9120	2100-2130	TWN Sound of Hope	M FE	
9120	2130-2200	TWN Sound of Hope	M FE	
9120	2200-2300	TWN Sound of Hope	M FE	
9120	2300-2400	TWN Sound of Hope	M FE	
9130	0715-0725	Tu,Fr POL E11 Polish Spy Numbers	E	p
9155	0000-2400	CHN CNR1 Jammer/Firedrake	M FE	
9155.1	0000-0100	TWN Sound of Hope	M FE	
9155.1	0100-0200	TWN Sound of Hope	M FE	
9155.1	0200-1200	TWN Sound of Hope	M FE	
9155.1	1200-1300	TWN Sound of Hope	M FE	
9155.1	1300-1400	TWN Sound of Hope	M FE	
9155.1	1400-1500	TWN Sound of Hope	M FE	
9155.1	1500-1600	TWN Sound of Hope	M FE	
9155.1	1600-1700	TWN Sound of Hope	M FE	
9155.1	1700-2000	TWN Sound of Hope	M FE	
9155.1	2000-2100	TWN Sound of Hope	M FE	
9155.1	2100-2130	TWN Sound of Hope	M FE	
9155.1	2130-2200	TWN Sound of Hope	M FE	
9155.1	2200-2300	TWN Sound of Hope	M FE	
9155.1	2300-2400	TWN Sound of Hope	M FE	
9165	0000-1200	KOR HLL Seoul Meteo Fax	FE	sg
9165	1200-2400	KOR HLL Seoul Meteo Fax	FE	sg
9180	2130-1700	CHN CNR1 Jammer/Firedrake	M FE	u
9180	0000-0100	TWN Sound of Hope	M FE	
9180	0100-0200	TWN Sound of Hope	M FE	
9180	0200-1200	TWN Sound of Hope	M FE	
9180	1200-1300	TWN Sound of Hope	M FE	
9180	1300-1400	TWN Sound of Hope	M FE	
9180	1400-1500	TWN Sound of Hope	M FE	
9180	1500-1600	TWN Sound of Hope	M FE	
9180	1600-1700	TWN Sound of Hope	M FE	
9180	2130-2200	TWN Sound of Hope	M FE	
9180	2200-2300	TWN Sound of Hope	M FE	
9180	2300-2400	TWN Sound of Hope	M FE	
9200	0000-0100	TWN Sound of Hope	M FE	
9200	0100-0200	TWN Sound of Hope	M FE	
9200	0200-1200	TWN Sound of Hope	M FE	
9200	1200-1300	TWN Sound of Hope	M FE	

9200	1300-1400	TWN Sound of Hope	M	FE	
9200	1400-1500	TWN Sound of Hope	M	FE	
9200	1500-1600	TWN Sound of Hope	M	FE	
9200	2130-2200	TWN Sound of Hope	M	FE	
9200	2200-2300	TWN Sound of Hope	M	FE	
9200	2300-2400	TWN Sound of Hope	M	FE	
9215	0000-0100	TWN Sound of Hope	M	FE	
9215	0100-0200	TWN Sound of Hope	M	FE	
9215	0200-1200	TWN Sound of Hope	M	FE	
9215	1200-1300	TWN Sound of Hope	M	FE	
9215	1300-1400	TWN Sound of Hope	M	FE	
9215	1400-1500	TWN Sound of Hope	M	FE	
9215	1500-1600	TWN Sound of Hope	M	FE	
9215	1600-1700	TWN Sound of Hope	M	FE	
9215	1700-2000	TWN Sound of Hope	M	FE	
9215	2000-2100	TWN Sound of Hope	M	FE	
9215	2100-2130	TWN Sound of Hope	M	FE	
9215	2130-2200	TWN Sound of Hope	M	FE	
9215	2200-2300	TWN Sound of Hope	M	FE	
9215	2300-2400	TWN Sound of Hope	M	FE	
9220	0000-2400 irr	B Rádio Fronteira	P	B	xx
9230	2100-1600	CHN CNR1 Jammer/Firedrake	M	FE	
9230	0000-0100	TWN Sound of Hope	M	FE	
9230	0100-0200	TWN Sound of Hope	M	FE	
9230	0200-1200	TWN Sound of Hope	M	FE	
9230	1200-1300	TWN Sound of Hope	M	FE	
9230	1300-1400	TWN Sound of Hope	M	FE	
9230	1400-1500	TWN Sound of Hope	M	FE	
9230	1500-1600	TWN Sound of Hope	M	FE	
9230	2100-2130	TWN Sound of Hope	M	FE	
9230	2130-2200	TWN Sound of Hope	M	FE	
9230	2200-2300	TWN Sound of Hope	M	FE	
9230	2300-2400	TWN Sound of Hope	M	FE	
9255	2130-1600	CHN CNR1 Jammer/Firedrake	M	FE	
9255.2	0000-0100	TWN Sound of Hope	M	FE	
9255.2	0100-0200	TWN Sound of Hope	M	FE	
9255.2	0200-1200	TWN Sound of Hope	M	FE	
9255.2	1200-1300	TWN Sound of Hope	M	FE	
9255.2	1300-1400	TWN Sound of Hope	M	FE	
9255.2	1400-1500	TWN Sound of Hope	M	FE	
9255.2	1500-1600	TWN Sound of Hope	M	FE	
9255.2	2130-2200	TWN Sound of Hope	M	FE	
9255.2	2200-2300	TWN Sound of Hope	M	FE	
9255.2	2300-2400	TWN Sound of Hope	M	FE	
9265	1100-1800 SaSu	USA WINB	E	NAm	rl
9265	1800-0800	USA WINB	E	NAm	rl
9265	2100-2130 We	USA WINB	S	NAm	rl
9265	2200-2230 We	USA WINB	S	NAm	rl

9265	2330-2400 Mo	USA WINB	S	NAm	rl	
9274	1450-1500 Th,Sa	RUS E07 Russian Spy Numbers	E	RUS	m	
9275	1000-1600	HKG FEBC i-Radio Liangyou	M	FE	/PHL-b	
9275	2300-0400 Su-Fr	USA WMLK Bethel, PA	E	NAm	bt	
9276	0300-0400	TWN Star-Star Bc.Station	M	CHN	y	
9276	0800-0830	TWN Star-Star Bc.Station	M	CHN	y	
9280	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE		
9280.1	0000-0100	TWN Sound of Hope	M	FE		
9280.1	0100-0200	TWN Sound of Hope	M	FE		
9280.1	0200-1200	TWN Sound of Hope	M	FE		
9280.1	1200-1300	TWN Sound of Hope	M	FE		
9280.1	1300-1400	TWN Sound of Hope	M	FE		
9280.1	1400-1500	TWN Sound of Hope	M	FE		
9280.1	1500-1600	TWN Sound of Hope	M	FE		
9280.1	1600-1700	TWN Sound of Hope	M	FE		
9280.1	1700-2000	TWN Sound of Hope	M	FE		
9280.1	2000-2100	TWN Sound of Hope	M	FE		
9280.1	2100-2130	TWN Sound of Hope	M	FE		
9280.1	2130-2200	TWN Sound of Hope	M	FE		
9280.1	2200-2300	TWN Sound of Hope	M	FE		
9280.1	2300-2400	TWN Sound of Hope	M	FE		
9290	0900-2330 irr	B Rádio Araucária	P	B	xx	
9300	2130-1700	CHN CNR1 Jammer/Firedrake	M	FE		
9300	0000-0100	TWN Sound of Hope	M	FE		
9300	0100-0200	TWN Sound of Hope	M	FE		
9300	0200-1200	TWN Sound of Hope	M	FE		
9300	1200-1300	TWN Sound of Hope	M	FE		
9300	1300-1400	TWN Sound of Hope	M	FE		
9300	1400-1500	TWN Sound of Hope	M	FE		
9300	1500-1600	TWN Sound of Hope	M	FE		
9300	1600-1700	TWN Sound of Hope	M	FE		
9300	2130-2200	TWN Sound of Hope	M	FE		
9300	2200-2300	TWN Sound of Hope	M	FE		
9300	2300-2400	TWN Sound of Hope	M	FE		
9320	0000-1700	CHN CNR1 Jammer/Firedrake	M	FE		
9320	0000-0100	TWN Sound of Hope	M	FE		
9320	0100-0200	TWN Sound of Hope	M	FE		
9320	0200-1200	TWN Sound of Hope	M	FE		
9320	1200-1300	TWN Sound of Hope	M	FE		
9320	1300-1400	TWN Sound of Hope	M	FE		
9320	1400-1500	TWN Sound of Hope	M	FE		
9320	1500-1600	TWN Sound of Hope	M	FE		
9320	1600-1700	TWN Sound of Hope	M	FE		
9322	0420-0430 Mo-Fr	RUS S06 Russian Spy Numbers	R	FE	kh	
9330	1400-1530	CLA CMI Voice of Wilderness	K	KRE	/UZB	
9330	0000-0558	USA WBCQ World's LastChance	E	WNA	q	
9330	0600-0958	USA WBCQ World's LastChance	E	Eu	q	
9330	1000-2158	USA WBCQ World's LastChance	E	ENA	q	

9330	2200-2358	USA WBCQ World's LastChance	P B	q
9335	1400-1530	CLA CMI Voice of Wilderness	K KRE	/UZB
9340	2100-1600	CHN CNR1 Jammer/Firedrake	M FE	
9340	1330-1400	CLA Voice of Martyrs	K KRE	/UZB
9340	0000-0100	TWN Sound of Hope	M FE	
9340	0100-0200	TWN Sound of Hope	M FE	
9340	0200-1200	TWN Sound of Hope	M FE	
9340	1200-1300	TWN Sound of Hope	M FE	
9340	1300-1400	TWN Sound of Hope	M FE	
9340	1400-1500	TWN Sound of Hope	M FE	
9340	1500-1600	TWN Sound of Hope	M FE	
9340	2100-2130	TWN Sound of Hope	M FE	
9340	2130-2200	TWN Sound of Hope	M FE	
9340	2200-2300	TWN Sound of Hope	M FE	
9340	2300-2400	TWN Sound of Hope	M FE	
9345	1300-1330 Mo	CAN Bible Voice	E FE	/UZB
9345	1300-1330 SaSu	CAN Bible Voice	K FE	/UZB
9345	1315-1330 Fr	CAN Bible Voice	K FE	/UZB
9350	2100-2300	USA WWCR 2 Nashville, TN	E NAm	n
9353	1120-1130 Tu,Fr	RUS E07 Russian Spy Numbers	E RUS	m
9370	0000-2400 irr	B Rádio Frankenstein, PB	P B	xx
9380	1745-1800 Sa	SWZ Trans World Radio	TUR EAF	
9385	1800-2000 irr	F TDF DIGITAL	F SAs	i
9395	1130-1200	SVK Radio Slovakia Int.	E ENA	/USA-o
9395	0000-2400	USA WRMI Radio Miami Int.	E ENA	o
9395	1100-1130	USA WRMI Radio Miami Int.	M ENA	o
9400	1800-1830 Th,Fr	CAN Bible Voice	FS IRN	/BUL-s
9400	1945-2000	CAN Bible Voice Dardasha-7	A NAF	/BUL-s
9400	1000-1030	HKG FEBC Radio Liangyou	HUI FE	/PHL-i
9400	1030-1100	HKG FEBC Radio Liangyou	CA FE	/PHL-i
9400	1100-1400	HKG FEBC Radio Liangyou 1	M FE	/PHL-i
9400	0900-1000	TWN Radio Taiwan Int.	AM FE	p
9405	2230-0030	HKG FEBC Radio Liangyou 3	M FE	/PHL-b
9405	1600-1700	TWN Radio Taiwan Int.	E SAs	s
9410	1700-1800	CHN China Radio Int.	HR Eu	ka
9410	2200-2300	CHN China Radio Int.	P SAm	ka
9410	1000-1705	CHN CNR5 Cross-Strait Radio	M TWN	B
9410	1900-2000	EGY Radio Cairo	D WEu	a
9410	2000-2115	EGY Radio Cairo	F WEu	a
9410	0300-0330	G BBC	PS AFG	/OMA-a
9410	0500-0700	G BBC	E WAF	/ASC
9410	1400-1500	TUR Voice of Turkey	R EEu	e
9410	0700-0900	TWN Fu Hsing Bc.Sta.	M FE	y
9410	1000-1300	TWN Fu Hsing Bc.Sta.	M FE	y
9415	0800-0900	CHN China Radio Int.	E FE	x
9415	0900-1000	CHN China Radio Int.	E FE	x
9415	2300-2400	CHN China Radio Int.	VN SEA	b
9420	1100-1400	CHN China National Radio 13	UI CHN	L

9420	1400-1500	CHN China National Radio 13	UI	CHN	L
9420	1500-1600	CHN China National Radio 13	M	CHN	L
9420	1600-1805	CHN China National Radio 13	UI	CHN	L
9420	0530-0600	ROU Radio Romania Int.	R	EEu	t
9425	1400-1600	KRE Voice of Korea	R	Eu	u
9425	1600-1700	KRE Voice of Korea	D	Eu	u
9425	1700-1800	KRE Voice of Korea	R	Eu	u
9425	1800-1900	KRE Voice of Korea	D	Eu	u
9425	1900-2000	KRE Voice of Korea	D	Eu	u
9425	2000-2050	KRE Voice of Korea KCBS	K	Eu	u
9435	1000-1100	KRE Voice of Korea	E	LAm	u
9435	1100-1200	KRE Voice of Korea	F	LAm	u
9435	1200-1250	KRE Voice of Korea KCBS	K	LAm	u
9435	1300-1400	KRE Voice of Korea	E	NAm	u
9435	1400-1500	KRE Voice of Korea	F	NAm	u
9435	1500-1600	KRE Voice of Korea	E	NAm	u
9435	1600-1700	KRE Voice of Korea	F	NAm	u
9435	1700-1750	KRE Voice of Korea KCBS	K	NAm	u
9440	0600-0615	CAN Bible Voice	A	NAf	/D-n
9440	1000-1805	CHN China National Radio	M	CHN	L
9440	0100-0200	CHN China Radio Int.	R	CAs	x
9440	0900-1000	CHN China Radio Int.	M	FE	x
9440	1000-1100	CHN China Radio Int.	J	FE	x
9440	1100-1200	CHN China Radio Int.	CC	SEA	k
9440	1200-1300	CHN China Radio Int.	KH	SEA	k
9440	1300-1400	CHN China Radio Int.	EO	SEA	n
9440	1900-2000	CHN China Radio Int.	E	ME	k
9440	2000-2100	CHN China Radio Int.	E	ME	k
9440	2300-2400	CHN China Radio Int.	CA	SEA	k
9440	2115-2245	EGY Radio Cairo	E	WEu	a
9440	0629-0700	G BBC	HA	Waf	/ASC
9440	0500-0520	J NHK Radio Japan	F	CAf	/F-i
9440	1600-1620	J NHK Radio Japan	UR	SAs	y
9440	1700-1900	J NHK Radio Japan	J	SAs	y
9440	0700-0730	ROU Radio Romania Int.	D	WEu	t
9445	0400-0500	KRE Voice of Korea	E	FE	u
9445	0500-0600	KRE Voice of Korea	M	FE	u
9445	0600-0700	KRE Voice of Korea	E	FE	u
9445	0800-0900	KRE Voice of Korea	M	FE	u
9445	0900-0950	KRE Voice of Korea KCBS	K	FE	u
9445	1100-1200	KRE Voice of Korea	M	FE	u
9445	2100-2200	KRE Voice of Korea	M	FE	u
9445	2200-2300	KRE Voice of Korea	M	FE	u
9445	2300-2350	KRE Voice of Korea KCBS	K	FE	u
9450	0500-0515 Fr	CAN Bible Voice	A	ME	/D-n
9450	2025-0200	CHN China National Radio	M	CHN	L
9450	0300-0400	CHN China Radio Int.	M	SAs	ka
9450	1100-1200	CHN China Radio Int.	EO	FE	u

9450	1300-1400	CHN China Radio Int.	HI SAs	ka
9450	1730-1830	CHN China Radio Int.	HA NIG	ka
9455	1500-1600	CHN China Radio Int.	M SEA	k
9455	0100-0130	CZE Radio Prague	F CAm	/USA-o
9455	0130-0200	CZE Radio Prague	E CAm	/USA-o
9455	2300-0400	USA WRMI Radio Miami Int.	E CAm	o
9460	0000-0100	CHN China Radio Int.	HK SEA	k
9460	0100-0200	CHN China Radio Int.	AM SEA	k
9460	0900-1100	CHN China Radio Int.	M SEA	n
9460	1200-1300	CHN China Radio Int.	E SAs	ka
9460	1400-1500	CHN China Radio Int.	E SAs	u
9460	1600-1630	ROU Radio Romania Int.	R EEU	t
9465	1600-2000 Su	G BBC	SO EAf	/UAE
9465	1700-2000 Sa	G BBC	SO EAf	/OMA-a
9470	2025-2400	CHN China National Radio 1	M CHN	b
9470	0000-0100	CHN China Radio Int.	MO MNG	x
9470	0350-0800	CHN PBS Xinjiang	KZ CHN	uc
9470	0800-1100 We-Mo	CHN PBS Xinjiang	KZ CHN	uc
9470	1100-1155	CHN PBS Xinjiang	KZ CHN	uc
9475	2000-2400	USA WTTW Lebanon, TN	E NAm	L
9480	0000-0100	CHN China National Radio 11	TB CHN	d
9480	1100-1300	CHN China National Radio 11	TB CHN	d
9480	1300-1605	CHN China National Radio 11	TB CHN	d
9480	2155-2300	CHN China National Radio 11	M CHN	d
9480	2300-2400	CHN China National Radio 11	TB CHN	d
9485	1800-1900	EGY Radio Cairo	I Eu	a
9490	1730-1745 24567	CAN Bible Voice	A ME	/BUL-s
9490	1730-1750 Mo,We	CAN Bible Voice	A ME	/BUL-s
9490	1300-1400	CHN China Radio Int.	BE SAs	k
9490	1400-1500	CHN China Radio Int.	BE SAs	k
9490	1500-1600	CHN China Radio Int.	TAM SAs	ka
9490	0000-0100	CHN CNR1 Jammer/Firedrake	M FE	
9490	0200-0700	CHN Xizang RTV	TB CHN	t
9490	0700-0800 We-Mo	CHN Xizang RTV	E CHN	t
9490	0800-1000 We-Mo	CHN Xizang RTV	TB CHN	t
9490	1500-1600	EGY Radio Cairo	AL Eu	a
9490	1600-1700 irr	F TDF DIGITAL	F NEu	i
9490	1900-2000 irr	F TDF DIGITAL	F WAF	i
9490	2200-2300 irr	F TDF DIGITAL	F ME	i
9490	1600-1700	TUR Voice of Turkey	FS IRN	e
9490	0000-0100	TWN Radio Taiwan Int.	M FE	s
9490	1100-1200	TWN Radio Taiwan Int.	R Sib	s
9495	1730-1830	TUR Voice of Turkey	S SEu	e
9500	0300-0700	ALG Ifriky FM	A CAF	b
9500	0600-0900 We-Mo	CHN China National Radio 1	M CHN	s
9500	0900-1805	CHN China National Radio 1	M CHN	s
9500	2023-0600	CHN China National Radio 1	M CHN	s
9500	1530-1600 Sa	EQA HCJB Voice of Andes	R Cau	/D-n

9500	1600-1630 Sa	EQA HCJB Voice of Andes	CHE Cau	/D-n
9500	2000-2100	ROU Radio Romania Int.	S SEu	t
9500	1802-1832 Su	SWZ Trans World Radio	E EAF	
9510	0500-1030	CHN PBS Xinjiang	MO CHN	uc
9510	0900-1000 Sa	I IRRS Milano	E Eu	/ROU-s
9510	1030-1300 Su	I IRRS Milano	E Eu	/ROU-s
9510	0000-0100	ROU Radio Romania Int.	S VEN	g
9510	0100-0200	ROU Radio Romania Int.	E ENA	g
9515	1100-1200	CHN China Radio Int.	M SAs	ka
9515	0900-1605	CHN CNR 2 China Business R.	M CHN	B
9515	2055-2400	CHN CNR 2 China Business R.	M CHN	B
9515	1800-1900 irr	F TDF DIGITAL	F NEu	i
9515	1500-1700	KOR KBS World Radio	E Eu	k
9515	1700-1800	KOR KBS World Radio	K Eu	k
9520	1200-1300	CHN China Radio Int.	M ME	u
9520	1300-1400	CHN China Radio Int.	M ME	u
9520	1400-1500	CHN China Radio Int.	M ME	u
9520	0600-0950 We-Mo	CHN PBS Nei Menggu	M CHN	hh
9520	0950-1605	CHN PBS Nei Menggu	M CHN	hh
9520	2150-0600	CHN PBS Nei Menggu	M CHN	hh
9520	0600-0630	ROU Radio Romania Int.	F SEu	g
9525	1500-1600	CHN China Radio Int.	E Eu	ka
9525	1600-1630	G BBC	DR AFG	/OMA-a
9525	1630-1700 Mo-Fr	G BBC	PS AFG	/OMA-a
9525	1630-1700 SaSu	G BBC	DR AFG	/OMA-a
9525	1700-1800	G BBC	DR AFG	/OMA-a
9525	1800-1900	G BBC	PS AFG	/OMA-a
9525	1300-1400	TWN Radio Taiwan Int.	T SEA	p
9530	1300-1400	ALS KNLS New Life Station	M FE	ap
9530	1400-1500	ALS KNLS New Life Station	M FE	ap
9530	0000-2400	BEL Radio Onda	P WEu	/LUX-j
9530	0000-0600	CHN China National Radio 11	TB CHN	as
9530	0600-0700 Th-Tu	CHN China National Radio 11	TB CHN	as
9530	0700-0800 Th-Tu	CHN China National Radio 11	M CHN	as
9530	0800-0900 Th-Tu	CHN China National Radio 11	TB CHN	as
9530	0900-1030	CHN China National Radio 11	TB CHN	as
9530	0000-0100	TWN Sound of Hope	M FE	
9530	0100-0200	TWN Sound of Hope	M FE	
9530	0200-1200	TWN Sound of Hope	M FE	
9530	1200-1300	TWN Sound of Hope	M FE	
9530	1300-1400	TWN Sound of Hope	M FE	
9530	1400-1500	TWN Sound of Hope	M FE	
9530	2200-2300	TWN Sound of Hope	M FE	
9530	2300-2400	TWN Sound of Hope	M FE	
9535	1500-1600	CHN China Radio Int.	NE FE	x
9535	1900-2000	CHN China Radio Int.	P EAF	a
9535	2300-2400	CHN China Radio Int.	E PHL	k
9535	0600-0700	TCD Radio Ndarason Int.	KNU WAF	/G-w

9540	1000-1100	ALS KNLS New Life Station	M FE	ap
9540	1100-1200	CHN China Radio Int.	CA Oc	b
9540	1200-1400	CHN China Radio Int.	M FE	k
9540	1500-1530	CHN CNR1 Jammer/Firedrake	M FE	j
9540	0800-0900 irr	F TDF DIGITAL	F SEu	i
9540	1430-1500	We-Su PHL FEBC Manila	HI SAs	/UZB
9540.1	1600-1615	S IBRA Radio	AH Eaf	/UAE
9540.1	1615-1630 Th-Su	S IBRA Radio Ibrahim	AH Eaf	/UAE
9540.1	1615-1630 Mo-We	S IBRA Radio Ibrahim	GUR Eaf	/UAE
9540.1	1630-1700	S IBRA Radio Ibrahim	AH Eaf	/UAE
9540.1	1700-1730	S IBRA Radio	OO Eaf	/UAE
9540.1	1730-1800	S IBRA Radio	TIG Eaf	/UAE
9540.1	1800-1830	S IBRA Radio	TIG Eaf	/UAE
9540	1500-1530	TWN Radio Taiwan Int.	CA CHN	p
9540	1530-1600	TWN Radio Taiwan Int.	HK CHN	p
9540	0000-0100	TWN Sound of Hope	M FE	
9540	0100-0200	TWN Sound of Hope	M FE	
9540	0200-1200	TWN Sound of Hope	M FE	
9540	1200-1300	TWN Sound of Hope	M FE	
9540	1300-1400	TWN Sound of Hope	M FE	
9540	1400-1500	TWN Sound of Hope	M FE	
9540	1500-1600	TWN Sound of Hope	M FE	
9540	1600-1700	TWN Sound of Hope	M FE	
9540	1700-2000	TWN Sound of Hope	M FE	
9540	2000-2100	TWN Sound of Hope	M FE	
9540	2100-2130	TWN Sound of Hope	M FE	
9540	2300-2400	TWN Sound of Hope	M FE	
9545	1930-2000 Sa-Th	G BBC	HA Waf	w
9545	1930-2030 Fr	G BBC	HA Waf	w
9545	0300-0400	ROU Radio Romania Int.	S CAm	g
9545	2200-0550	SLM Solomon Islands B.C.	E SLM	
9550	1500-1600	ALS KNLS New Life Station	R FE	ap
9550	1600-1700	ALS KNLS New Life Station	M FE	ap
9550	1700-1800	ALS KNLS New Life Station	M FE	ap
9550	0000-0100	CHN China Radio Int.	HK SEA	k
9550	0100-0200	CHN China Radio Int.	AM SEA	k
9550	1100-1200	CHN China Radio Int.	VN SEA	b
9550	1200-1300	CHN China Radio Int.	VN SEA	b
9550	1300-1400	CHN China Radio Int.	VN SEA	b
9550	1400-1500	CHN China Radio Int.	VN SEA	b
9555	2300-2400	CHN China Radio Int.	M FE	b
9555	1000-1300	CHN CNR1 Jammer/Firedrake	M FE	qq
9555	2000-2100 irr	F TDF DIGITAL	F NAO	i
9555	1000-1100	TWN Radio Taiwan Int.	M FE	s
9555	1100-1200	TWN Radio Taiwan Int.	M FE	s
9555	1200-1300	TWN Radio Taiwan Int.	M FE	s
9560	0000-0100	CHN China Radio Int.	E FE	b
9560	1500-1600	CHN China Radio Int.	M SAs	ka

9560	1900-1930	CHN China Radio Int.	HU	Eu	u
9560	0300-0800	CHN PBS Xinjiang	UI	CHN	uc
9560	0800-1100	We-Mo CHN PBS Xinjiang		UI CHN	uc
9560	1100-1200	CHN PBS Xinjiang	UI	CHN	uc
9560	1430-1500	CLA Furusato no Kaze	J	KRE	/TWN-p
9560	1330-1400	G BBC	BR	SEA	/UZB
9560	1700-1900	J NHK Radio Japan	J	FE	y
9565	0100-0200	F Radio France DIGITAL	F	Waf	i
9570	1100-1200	ALS KNLS New Life Station	R	FE	ap
9570	2055-0030	CHN China National Radio 1	M	CHN	n
9570	1200-1250	CHN China Radio Int.	CA	ENA	/CUB
9570	0300-0600	CHN CNR 2 China Business R.	M	CHN	q
9570	0600-0900	Th-Tu CHN CNR 2 China Business R.	M	CHN	q
9570	0900-1000	CHN CNR 2 China Business R.	M	CHN	q
9570	0800-0900	KOR KBS World Radio	K	SEA	k
9570	0900-1000	KOR KBS World Radio	K	SEA	k
9570	1000-1100	KOR KBS World Radio	E	SAm	k
9570	1200-1300	KOR KBS World Radio	IN	SEA	k
9570	1300-1400	KOR KBS World Radio	E	SEA	k
9570	1400-1500	KOR KBS World Radio	IN	SEA	k
9570	1300-1400	ROU Radio Romania Int.	RO	Eu	s
9570	1800-1900	ROU Radio Romania DIGITAL	E	WEu	s
9575	1400-1500	irr F TDF DIGITAL	F	WEu	i
9580	1200-1300	ALS KNLS New Life Station	E	FE	ap
9580	0200-0700	CHN Xizang RTV	TB	CHN	t
9580	0700-0800	We-Mo CHN Xizang RTV	E	CHN	t
9580	0800-0930	We-Mo CHN Xizang RTV	TB	CHN	t
9580	2315-2350	CVA Radio Vaticana	VN	SEA	
9580	0000-0100	irr F TDF DIGITAL	F	ME	i
9580	0200-0300	irr F TDF DIGITAL	F	ME	i
9580	1330-1400	ROU Radio Romania Int.	M	FE	t
9580	1500-1545	S IBRA Radio	PS	AFG	/UAE
9585	1600-1700	ALS KNLS New Life Station	R	FE	ap
9585	1630-1700	Mo CAN Bible Voice	E	ME	/BUL-s
9585	1645-1715	Fr CAN Bible Voice	E	ME	/BUL-s
9585	1645-1830	Sa CAN Bible Voice	E	ME	/BUL-s
9585	1700-1830	Su CAN Bible Voice	E	ME	/BUL-s
9585	2000-2030	CHN China Radio Int.	SR	Eu	ka
9585	2030-2100	CHN China Radio Int.	HU	Eu	ka
9585	1420-1450	Sa SWZ Trans World Radio	MKU	MOZ	
9585	1428-1443	Mo-Fr SWZ Trans World Radio	LO	MOZ	
9585	1455-1525	Mo-Fr SWZ Trans World Radio	MSY	MDG	
9585	1830-1900	Su USA Follow the Bible Min.	A	ME	/G-w
9590	0100-0300	CHN China Radio Int.	S	SAm	ka
9590	1100-1200	CHN China Radio Int.	CA	SEA	k
9590	1200-1300	CHN China Radio Int.	R	FE	s
9590	1400-1500	CHN China Radio Int.	M	Eu	ka
9590	1500-1600	CHN China Radio Int.	M	Eu	ka

9590	2300-0100	CHN China Radio Int.	S	SAm	ka	
9590	0530-0630	MYA Thazin Radio	POR	SEA	p	
9590	0630-0730	MYA Thazin Radio	KYH	SEA	p	
9590	0730-0830	MYA Thazin Radio	SHA	SEA	p	
9590	0830-0930	MYA Thazin Radio		SEA	p	
9595	0900-1100	CHN CNR1 Jammer/Firedrake	M	CHN		k
9595	1600-1730	TUR Voice of Turkey	AFG	AFG	e	
9595	0900-1000	TWN Radio Taiwan Int.	M	FE	p	
9595	1000-1100	TWN Radio Taiwan Int.	M	FE	p	
9600	1200-1300	CHN China Radio Int.	E	SEA	k	
9600	1300-1400	CHN China Radio Int.	BE	SAs	a	
9600	1500-1530	CHN China Radio Int.	FS	IRN	ka	
9600	2000-2100	CHN China Radio Int.	E	Eu	ka	
9600	2100-2200	CHN China Radio Int.	E	Eu	ka	
9600	0300-0800	CHN PBS Xinjiang	M	CHN	uc	
9600	0800-1100	We-Mo CHN PBS Xinjiang		M	CHN	uc
9600	1100-1200	CHN PBS Xinjiang	M	CHN	uc	
9600	1200-1400	CHN PBS Xinjiang	M	CHN	uc	
9605	1700-1800	ALS KNLS New Life Station	R	FE	ap	
9610	0100-0200	CHN China National Radio 8	M	CHN	B	
9610	0200-0500	CHN China National Radio 8	MO	CHN	B	
9610	0500-0600	CHN China National Radio 8	M	CHN	B	
9610	2055-0100	CHN China National Radio 8	MO	CHN	B	
9610	0000-0100	CHN China Radio Int.	HK	SEA	k	
9610	0100-0200	CHN China Radio Int.	AM	SEA	k	
9610	1400-1500	CHN China Radio Int.	TAM	SAs	ka	
9610	1500-1600	CHN China Radio Int.	BE	SAs	k	
9610	1000-1100	CHN CNR1 Jammer/Firedrake	M	FE	f	
9610	1700-1730 135	CLA V.o.Oromo Liberation	OO	EAf		/D-n
9610	1700-1730 135	ETH Noise Jammer		EAf		
9610	0300-0700 irr	F TDF DIGITAL	F	ME	i	
9610	0900-1000 irr	F TDF DIGITAL	F	WEu	i	
9610	2130-2230	TUR Voice of Turkey	E	Oc	e	
9610	1000-1100	TWN Radio Taiwan Int.	M	FE	s	
9610	1200-1230	Su-Th USA Adventist World Radio	AM	FE		/GUM-a
9610	1200-1230	Fr-Sa USA Adventist World Radio	M	FE		/GUM-a
9610	1230-1300	Sa-Th USA Adventist World Radio	CA	FE		/GUM-a
9610	1230-1300	Fr USA Adventist World Radio	M	FE		/GUM-a
9615	1800-2000	CHN China Radio Int.	D	WEu	u	
9620	0000-0100	CHN China Radio Int.	M	SEA	k	
9620	1630-1730	CHN China Radio Int.	HA	NIG	ka	
9620	0100-0600	CHN CNR 2 China Business R.	M	CHN	B	
9620	0600-0900	Th-Tu CHN CNR 2 China Business R.	M	CHN	B	
9620	0900-1300	CHN CNR 2 China Business R.	M	CHN	B	
9620	1300-1605	CHN CNR 2 China Business R.	M	CHN	B	
9620	2200-2300 irr	F TDF DIGITAL	F	EAf	i	
9620	0630-0700	ROU Radio Romania Int.	E	WEu	g	
9620	2300-2400	ROU Radio Romania Int.	E	J	t	

9625	1200-1300	ALS KNLS New Life Station	E FE	ap
9625	1100-1200 irr	F TDF DIGITAL	F SEu	i
9625	2030-2130	TUR Voice of Turkey	F Waf	e
9630	0100-0600	CHN China National Radio 1	M CHN	q
9630	0600-0900 We-Mo	CHN China National Radio 1	M CHN	q
9630	2055-0100	CHN China National Radio 8	MO CHN	u
9630	0900-1200	CHN China National Radio 1	M CHN	q
9630	1200-1500	CHN China National Radio 17	KZ CHN	L
9630	1500-1600	CHN China National Radio 17	M CHN	L
9630	1600-1805	CHN China National Radio 17	KZ CHN	L
9630	2300-2400	CHN China Radio Int.	CA PHL	j
9630	1400-1600	KOR KBS World Radio	E SAs	k
9635	2130-1600	CHN CNR1 Jammer/Firedrake	M FE	
9635	1800-2100 24Dec D	NDR Gruß an Bord	D SAs	n
9635	0800-1800	MLI Radio Mali	BM Waf	k
9635	0000-0100	TWN Sound of Hope	M FE	
9635	0100-0200	TWN Sound of Hope	M FE	
9635	0200-1200	TWN Sound of Hope	M FE	
9635	1200-1300	TWN Sound of Hope	M FE	
9635	1300-1400	TWN Sound of Hope	M FE	
9635	1400-1500	TWN Sound of Hope	M FE	
9635	1500-1600	TWN Sound of Hope	M FE	
9635	2130-2200	TWN Sound of Hope	M FE	
9635	2200-2300	TWN Sound of Hope	M FE	
9635	2300-2400	TWN Sound of Hope	M FE	
9635	1030-1700	VTN Voice of Vietnam 1	VN Oc	s
9635	2145-1030	VTN Voice of Vietnam 1	VN Oc	s
9640	2100-2300	CHN China Radio Int.	S SEu	ka
9640	1530-1600	KOR KBS World Radio	VN SEA	k
9640	1600-1700	KOR KBS World Radio	E SEA	k
9645	0100-0600	CHN China National Radio 1	M CHN	b
9645	0600-0800 We-Mo	CHN China National Radio 1	M CHN	b
9645	1100-1200	CHN China Radio Int.	CA SEA	b
9645	1200-1300	CHN China Radio Int.	E SEA	b
9645	1830-2030	CHN China Radio Int.	F Waf	k
9645	1300-1400	KOR KBS World Radio	R Sib	k
9650	1300-1400 Su	F Radio France Int.	VN SEA	/TWN-p
9650	0700-0900	KRE Voice of Korea	J J	u
9650	0900-1300	KRE Voice of Korea	J J	u
9650	2100-2400	KRE Voice of Korea	J J	u
9650	0400-0700	TUR Voice of Turkey	TU Eu	e
9655	0100-0200	CHN China Radio Int.	M SEA	n
9655	0200-0300	CHN China Radio Int.	BE SAs	k
9655	1200-1300	CHN China Radio Int.	M SAs	ka
9655	1300-1400	CHN China Radio Int.	E SAs	ka
9655	1400-1500	CHN China Radio Int.	AM SEA	k
9655	1900-2000	CHN China Radio Int.	TU ME	k
9655	0800-1200	CHN CNR1 DIGITAL	M CHN	u

9655	2200-0100	CHN CNR1 DIGITAL	M	CHN	u
9655	2000-2100	KOR KBS World Radio	F	NAf	/ASC
9655	0330-0345 Su-Mo	SWZ Trans World Radio	AH	ETH	/UAE
9655	0330-0345 Tu	SWZ Trans World Radio	OO	ETH	/UAE
9655	0330-0345 Th	SWZ Trans World Radio	SID	ETH	/UAE
9660	1000-1600	CHN CNR1 Jammer/Firedrake	M	FE	k
9660	1730-1830	TUR Voice of Turkey	E	SAs	e
9660	1000-1100	TWN Radio Taiwan Int.	M	FE	k
9660	1100-1200	TWN Radio Taiwan Int.	M	FE	k
9660	1200-1300	TWN Radio Taiwan Int.	M	FE	k
9660	1300-1400	TWN Radio Taiwan Int.	M	FE	k
9660	1400-1500	TWN Radio Taiwan Int.	M	FE	k
9660	1500-1600	TWN Radio Taiwan Int.	M	FE	k
9665	0000-2400	B Rádio Voz Missionária	P	B	fp
9665	1300-1400	CHN China Radio Int.	R	CAs	x
9665	1400-1500	CHN China Radio Int.	SI	CLN	j
9665	1500-1530	CHN China Radio Int.	PS	AFG	ka
9665	1530-1600	CHN China Radio Int.	PS	AFG	ka
9665	1630-1730	CHN China Radio Int.	HA	NIG	k
9665	2055-2300	CHN CNR5 Cross-Strait Radio	M	TWN	B
9665	2300-2400	CHN CNR5 Cross-Strait Radio	M	TWN	B
9670	1230-1300	CLA Radio Đáp Lò Sông Núi	VN	SEA	/TWN-p
9670	0000-2400	D Channel 292	D,E	Eu	r
9670	1100-1200 23Nov	D SM Radio Dessau	D	Eu	/G-w
9675	0600-0900 We-Mo	CHN China National Radio 1	M	CHN	b
9675	0900-1000	CHN China National Radio 1	M	CHN	b
9675	2300-0600	CHN China National Radio 1	M	CHN	b
9675	0100-0200	CHN China Radio Int.	E	Eu	ka
9675	1430-1530	CHN China Radio Int.	LAO	SEA	k
9675	1500-1600	CHN China Radio Int.	E	Eu	ka
9675	1600-1700	CHN China Radio Int.	E	Eu	ka
9680	1000-1100	ALS KNLS New Life Station	E	FE	ap
9680	1100-1400	CHN CNR1 Jammer/Firedrake	M	FE	a
9680	2100-2200 irr	F TDF DIGITAL	F	EAf	i
9680	1100-1200	TWN Radio Taiwan Int.	M	FE	s
9680	1200-1300	TWN Radio Taiwan Int.	M	FE	s
9680	1300-1400	TWN Radio Taiwan Int.	M	FE	s
9680	1900-2000 Su	TWN Radio Taiwan Int.	F	WAf	/F-i
9685	1200-1300	CHN China Radio Int.	R	EEu	u
9685	1300-1400	CHN China Radio Int.	VN	SEA	x
9685	1400-1500	CHN China Radio Int.	VN	SEA	a
9685	1730-1830	CHN China Radio Int.	HA	NIG	k
9685	2200-2300	CHN China Radio Int.	P	SAm	ka
9685	0000-0600	CHN CNR5 Cross-Strait Radio	M	TWN	B
9685	0600-0900 Th-Tu	CHN CNR5 Cross-Strait Radio	M	TWN	B
9685	0900-1000	CHN CNR5 Cross-Strait Radio	M	TWN	B
9685	1500-1530	CLA Nippon no Kaze	K	KRE	/TWN-p
9690	1500-1600	CHN China Radio Int.	BE	SAs	k

9690	0000-0300	Tu-Sa	E	Radio Exterior España	S	NAm	n
9690	1500-2300	SaSu	E	Radio Exterior España	S	NAm	n
9690	1900-2100	Mo-Fr	E	Radio Exterior España	S	NAm	n
9690	2100-2130	Fr	E	Radio Exterior España	A	NAm	n
9690	2100-2130	Tu-Th	E	Radio Exterior España	S	NAm	n
9690	2100-2130	Mo	E	Radio Exterior España	SEF	NAm	n
9690	2130-2200	Mo	E	Radio Exterior España	M	NAm	n
9690	2130-2200	Tu-Fr	E	Radio Exterior España	S	NAm	n
9690	2200-2300	Mo-Fr	E	Radio Exterior España	S	NAm	n
9690	2300-2330	Th	E	Radio Exterior España	P	NAm	n
9690	2300-2330	Sa	E	Radio Exterior España	R	NAm	n
9690	2300-2330	157	E	Radio Exterior España	S	NAm	n
9690	2300-2400	We	E	Radio Exterior España	E	NAm	n
9690	2300-2400	Tu	E	Radio Exterior España	F	NAm	n
9690	2330-2400	Th-Mo	E	Radio Exterior España	S	NAm	n
9690	0100-0400			INS Voice of Indonesia	E	INS	j
9690	0500-0700			INS Voice of Indonesia	E	INS	j
9690	0900-1000			INS Voice of Indonesia	E	INS	j
9690	1000-1100			INS Voice of Indonesia	E	INS	j
9690	1100-1200			INS Voice of Indonesia	M	INS	j
9690	1200-1300			INS Voice of Indonesia	J	INS	j
9690	1300-1400			INS Voice of Indonesia	E	INS	j
9690	1400-1500			INS Voice of Indonesia	IN	INS	j
9690	1500-1600			INS Voice of Indonesia	M	INS	j
9690	1600-1700			INS Voice of Indonesia	A	INS	j
9690	1700-1800			INS Voice of Indonesia	S	INS	j
9690	1800-1900			INS Voice of Indonesia	D	INS	j
9690	1900-2000			INS Voice of Indonesia	NL	INS	j6030
9695	0300-0400			CHN China Radio Int.	HI	SAs	ka
9695	1300-1400			CHN China Radio Int.	EO	SEA	b
9695	1400-1500			CHN China Radio Int.	M	INS	x
9695	1730-1830			CHN China Radio Int.	M	ME	k
9695	1830-1900			CHN China Radio Int.	BU	Eu	k
9695	2300-2400			CHN China Radio Int.	J	FE	j
9695	2200-2230			CVA Radio Vaticana	M	FE	
9695	0700-0800	irr	F	TDF DIGITAL	F	Waf	i
9695	1100-1200			TWN Radio Taiwan Int.	VN	SEA	p
9700	0100-0700			ALG Ifrikya FM	A	Waf	o
9700	1651-1858			NZL RNZ Pacific	E	Oc	r
9700	0100-0300			ROU Radio Romania Int.	RO	ENA	t
9705	0900-1000			ALS KNLS New Life Station	R	FE	ap
9705	1500-1600			CHN China Radio Int.	M	Eu	ka
9705	0305-0530			CHN PBS Xinjiang	KG	CHN	uc
9705	1005-1230			CHN PBS Xinjiang	KG	CHN	uc
9705	1330-1357			CLA Furusato no Kaze	J	KRE	/TWN-p
9705	1300-1330			CLA Nippon no Kaze	K	KRE	/TWN-p
9705	1940-2000	Su		CVA Radio Vaticana	Ros	CAf	
9705	2000-2030			CVA Radio Vaticana	E	CAf	

9705	2030-2100	CVA Radio Vaticana	F	CAf	
9705	0900-1000 Th	USA VoRW	E	As	/TWN-p
9710	1100-1805	CHN China National Radio 1	M	CHN	s
9710	2023-2330	CHN China National Radio 1	M	CHN	s
9710	0000-0100	CHN China Radio Int.	P	SAm	ka
9710	0100-0300	CHN China Radio Int.	S	SAm	ka
9710	0100-0700	CUB Radio Habana Cuba	E	ENA	
9710	0700-0800	CUB Radio Habana Cuba	E	ENA	
9710	1200-1400	CUB Radio Habana Cuba	S	Car	b
9710	0500-0520	CVA Radio Vaticana	R	EEu	
9710	0520-0540	CVA Radio Vaticana	UK	EEu	
9710	0705-0800 Su	CVA Radio Vaticana	UK	EEu	
9710	0810-0920 Su	CVA Radio Vaticana	RO	EEu	
9710	1600-1620	CVA Radio Vaticana	AR	Cau	
9710	1620-1640	CVA Radio Vaticana	R	CAs	
9710	1700-1720	CVA Radio Vaticana	BY	EEu	
9710	1740-1800	CVA Radio Vaticana	UK	UKR	
9715	1030-1100	TWN Radio Taiwan Int.	K	FE	p
9720	1100-1200	ALS KNLS New Life Station	K	FE	ap
9720	1200-1230	CHN China Radio Int.	TAG	PHL	n
9720	1500-1600	CHN China Radio Int.	E	ME	u
9720	2030-2100	CHN China Radio Int.	BU	SEE	u
9720	2300-2400	CHN China Radio Int.	J	FE	x
9720	0000-0600	CHN CNR 2 China Business R.	M	CHN	a
9720	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M	CHN	a
9720	0900-1000	CHN CNR 2 China Business R.	M	CHN	a
9720	0300-0400	ROU Radio Romania Int.	S	CAm	g
9720	1700-1800	ROU Radio Romania DIGITAL	F	SEu	s
9720	1400-1430	USA Adventist World Radio	M	FE	/GUM-a
9730	1500-1600	ALS KNLS New Life Station	M	FE	ap
9730	0000-0100	CHN China National Radio 6	AM	TWN	B
9730	2155-2400	CHN China National Radio 6	AM	TWN	B
9730	1100-1200	CHN China Radio Int.	E	SEA	b
9730	1200-1300	CHN China Radio Int.	E	SEA	k
9730	1300-1400	CHN China Radio Int.	E	PHL	n
9730	1400-1500	CHN China Radio Int.	M	SAs	ka
9730	1900-2000	CHN China Radio Int.	P	SEu	ka
9730	0330-0700	CHN Xizang RTV	TB	CHN	t
9730	0700-0800 We-Mo	CHN Xizang RTV	E	CHN	t
9730	0800-1000 We-Mo	CHN Xizang RTV	TB	CHN	t
9730	1000-1100	CHN Xizang RTV	TB	CHN	t
9730	0400-0500	KRE Voice of Korea	E	FE	u
9730	0500-0600	KRE Voice of Korea	M	FE	u
9730	0600-0700	KRE Voice of Korea	E	FE	u
9730	0130-1230	MYA Myanmar Radio	BR	SEA	y
9730	0000-0100	ROU Radio Romania Int.	S	VEN	g
9730	0000-0100	TWN Sound of Hope	M	FE	
9730	0100-0200	TWN Sound of Hope	M	FE	

9730	0200-1200	TWN Sound of Hope	M	FE		
9730	1200-1300	TWN Sound of Hope	M	FE		
9730	1300-1400	TWN Sound of Hope	M	FE		
9730	1400-1500	TWN Sound of Hope	M	FE		
9730	1500-1600	TWN Sound of Hope	M	FE		
9730	1600-1700	TWN Sound of Hope	M	FE		
9730	2100-2130	TWN Sound of Hope	M	FE		
9730	2130-2200	TWN Sound of Hope	M	FE		
9730	2200-2300	TWN Sound of Hope	M	FE		
9730	2300-2400	TWN Sound of Hope	M	FE		
9730	1600-1630	VTN Voice of Vietnam	E	Eu	s	
9730	1630-1700	VTN Voice of Vietnam	R	Eu	s	
9730	1700-1800	VTN Voice of Vietnam	VN	Eu	s	
9730	1800-1830	VTN Voice of Vietnam	S	Eu	s	
9730	1830-1900	VTN Voice of Vietnam	D	Eu	s	
9730	1900-1930	VTN Voice of Vietnam	E	Eu	s	
9730	1930-2000	VTN Voice of Vietnam	F	Eu	s	
9730	2000-2030	VTN Voice of Vietnam	D	Eu	s	
9730	2030-2100	VTN Voice of Vietnam	F	Eu	s	
9730	2100-2130	VTN Voice of Vietnam	S	Eu	s	
9730	2130-2200	VTN Voice of Vietnam	E	Eu	s	
9735	1200-1230	CHN CNR1 Jammer/Firedrake	M	FE	qq	
9735	1200-1230	TWN Radio Taiwan Int.	CA	INS	p	
9735	1230-1300	TWN Radio Taiwan Int.	HK	INS	p	
9740	0430-0500	F Radio France Int.	SWA	Eaf	i	
9740	1600-1700	KOR KBS World Radio	K	ME	k	
9740	1700-1800	KOR KBS World Radio	S	Eu	k	
9740	1100-1200	TWN Radio Taiwan Int.	J	J	p	
9745	1930-2030	CHN China Radio Int.	EO	Eu	ka	
9745	0000-0100	CHN CNR 7 Greater Bay Area	CA	CHN	ka	
9745	2055-2400	CHN CNR 7 Greater Bay Area	CA	CHN	ka	
9750	0600-0950	We-Mo CHN PBS Nei Menggu		MO	CHN	hh
9750	0950-1605	CHN PBS Nei Menggu		MO	CHN	hh
9750	2150-0600	CHN PBS Nei Menggu		MO	CHN	hh
9750	1000-1400	J NHK Radio Japan	J	FE	y	
9750	1400-1420	J NHK Radio Japan	M	FE	y	
9750	1420-1440	J NHK Radio Japan	K	FE	y	
9750	1440-1450	J NHK Radio Japan	M	FE	y	
9750	1730-1800	S IBRA Radio	SLT	Eaf	/UAE	
9755	1000-1605	CHN CNR 2 China Business R.	M	CHN	as	
9755	2055-0200	CHN CNR 2 China Business R.	M	CHN	as	
9755	0200-0400	MDG MWV La Voz Alegre	S	SAm	m	
9760	1300-1400	ALS KNLS New Life Station	K	FE	ap	
9760	1200-1300	CHN China Radio Int.	E	Oc	k	
9760	1630-1730	USA Adventist World Radio	K	FE	/GUM-a	
9760	1800-1900	USA Adventist World Radio	K	FE	/GUM-a	
9765	0000-0100	CHN China Radio Int.	KH	SEA	n	
9765	1300-1400	CHN China Radio Int.	E	CAs	a	

9765	1400-1500	CHN China Radio Int.	E	CAs	a	
9765	2300-2400	CHN China Radio Int.	KH	SEA	n	
9765	1045-1215	CHN CNR1 Jammer/Firedrake	M	FE		
9765	1700-1800 irr	F TDF DIGITAL	F	WEu	i	
9765	1045-1215	IND AIR Akashvani Ext.Sce	TB	Tib	d	
9765	1155-1210 irr	IND AIR Akashvani Ext.Sce	E	Tib	d	
9765	1510-1530	J NHK Radio Japan	K	FE	y	
9765	1530-1550	J NHK Radio Japan	M	FE	y	
9765	2100-2300	MDG MWV Palavra Alegre	P	SAm	m	
9770	1900-2000	CHN China Radio Int.	CA	Eu	ka	
9770	0800-1030	KOR KBS World Radio	E	SEA	k	
9770	1030-1100	KOR KBS World Radio	VN	SEA	k	
9770	1130-1230	KOR KBS World Radio	M	SEA	k	
9770	1800-1900	ROU Radio Romania Int.	E	WEu	t	
9774	0700-0900	TWN Fu Hsing Bc.Sta.	M	FE	y	
9774	1000-1300	TWN Fu Hsing Bc.Sta.	M	FE	y	
9775	0900-1605	CHN CNR 2 China Business R.	M	CHN	B	
9775	2055-0200	CHN CNR 2 China Business R.	M	CHN	B	
9780	1130-1605	CHN China National Radio 1	M	CHN	n	
9780	0600-0900	We-Mo CHN PBS Qinghai	M	CHN	xg	
9780	0900-1600	CHN PBS Qinghai	M	CHN	xg	
9780	2200-0600	CHN PBS Qinghai	M	CHN	xg	
9780	1651-1858 Su-Fr	NZL RNZ Pacific DIGITAL	E	Oc	r	
9785	0600-0800 Th-Tu	CHN China National Radio 8	K	CHN	B	
9785	0800-0900 Th-Tu	CHN China National Radio 8	M	CHN	B	
9785	1130-1230	CHN China Radio Int.	T	SEA	k	
9785	1230-1330	CHN China Radio Int.	LAO	SEA	k	
9785	1330-1430	CHN China Radio Int.	T	SEA	k	
9785	1500-1600	CHN China Radio Int.	E	SAs	j	
9790	0300-0400	CHN China Radio Int.	E	WNA	/CUB	
9790	0400-0500	CHN China Radio Int.	CA	WNA	/CUB	
9790	0400-0500	F Radio France Int.	F	EAF	i	
9790	0500-0600	F Radio France Int.	F	CAf	i	
9790	0600-0700	F Radio France Int.	F	WAF	i	
9790	2000-2100	F Radio France Int.	F	WAF	i	
9790	2100-2200	F Radio France Int.	F	WAF	i	
9790	1700-1730	TWN Radio Taiwan Int.	R	EEu	/BUL-s	
9795	1400-1500	CHN China Radio Int.	E	Eu	u	
9795	0430-0600	IND AIR Akashvani Ext.Sce	DR	AFG	d	
9795	0900-1030	IND AIR Akashvani Ext.Sce	NE	NPL	d	
9795	0000-0015	PHL FEBC Manila	KHM	SEA	i	
9795	1100-1200	PHL FEBC Manila	VN	SEA	i	
9795	2300-2330	PHL FEBC Manila	MON	SEA	i	
9795	2330-2400	PHL FEBC Manila	LAO	SEA	i	
9800	0200-0300	CHN China Radio Int.	TAM	SAs	ka	
9800	2300-0100	CHN China Radio Int.	S	SAm	ka	
9800	2100-2200 irr	F TDF DIGITAL	F	EAF	i	
9800	0600-2000 SaSu	HOL Radio Delta Int.	NL	Eu	e	

9805	0600-0630	F Radio France Int.	HA WAF	i	
9810	1300-1805	CHN China National Radio 1	M CHN	n	
9810	2023-2300	CHN China National Radio 1	M CHN	n	
9810	0100-0600	CHN CNR 2 China Business R.	M CHN	as	
9810	0600-0900	Th-Tu CHN CNR 2 China Business R.	M CHN	as	
9810	0900-1230	CHN CNR 2 China Business R.	M CHN	as	
9810	2000-2100	Tu,Th D Music 4 Joy DIGITAL	WAF	n	
9810	2330-0045	EGY Radio Cairo	A SAm	a	
9810	1700-1800	ROU Radio Romania Int.	RO ME	g	
9818.5	0000-2400	B Rádio 9 de Julho	P SAm	sj	
9820	0000-0005	We CHN Beibu Bay Radio	BR FE	n	
9820	0000-0005	Mo CHN Beibu Bay Radio	KH FE	n	
9820	0000-0005	Tu CHN Beibu Bay Radio	LAO FE	n	
9820	0000-0005	Th CHN Beibu Bay Radio	T FE	n	
9820	0000-0005	Fr CHN Beibu Bay Radio	VN FE	n	
9820	0100-0102	Mo-Fr CHN Beibu Bay Radio	VN FE	n	
9820	0945-1030	CHN Beibu Bay Radio	M FE	n	
9820	1200-1300	CHN Beibu Bay Radio	VN FE	n	
9820	1300-1320	CHN Beibu Bay Radio	ZH FE	n	
9820	1320-1340	CHN Beibu Bay Radio	M FE	n	
9820	1340-1400	We CHN Beibu Bay Radio	BR FE	n	
9820	1340-1400	Mo CHN Beibu Bay Radio	KH FE	n	
9820	1340-1400	Tu CHN Beibu Bay Radio	LAO FE	n	
9820	1340-1400	Th CHN Beibu Bay Radio	T FE	n	
9820	1340-1400	Fr CHN Beibu Bay Radio	VN FE	n	
9820	1340-1400	SaSu CHN Beibu Bay Radio	FE	n	
9820	1400-1510	CHN Beibu Bay Radio	M FE	n	
9820	1510-1515	CHN Beibu Bay Radio	E FE	n	
9820	1515-1525	CHN Beibu Bay Radio	M FE	n	
9820	1525-1545	CHN Beibu Bay Radio	T FE	n	
9820	1545-1603	CHN Beibu Bay Radio	M FE	n	
9820	2243-0102	CHN Beibu Bay Radio	M FE	n	
9820	1030-1100	CHN China Radio Int.	M FE	n	
9820	1100-1200	CHN China Radio Int.	VN FE	n	
9820	0000-0100	CHN CNR 2 China Business R.	M CHN	x	
9820	0900-1100	CHN CNR 2 China Business R.	M CHN	x	
9820	1100-1605	CHN CNR 2 China Business R.	M CHN	x	
9820	2055-2400	CHN CNR 2 China Business R.	M CHN	x	
9820	1630-1700	Mo-Fr G BBC	KNK Eaf	/UAE	
9825	0200-0300	CHN China Radio Int.	M SAs	u	
9830	0730-0900	We-Mo CHN China National Radio 1	M CHN	h	
9830	0900-1805	CHN China National Radio 1	M CHN	h	
9830	2023-0100	CHN China National Radio 1	M CHN	h	
9830	0000-2400	USA NSS US Navy	-TY NAm	a	
9835	0300-0800	CHN PBS Xinjiang	M CHN	uc	
9835	0800-1100	We-Mo CHN PBS Xinjiang	M CHN	uc	
9835	1100-1200	CHN PBS Xinjiang	M CHN	uc	
9840	0900-0930	TUR Voice of Turkey	GE Cau	e	

9840	1000-1030	VTN Voice of Vietnam	E	INS	s	
9840	1030-1100	VTN Voice of Vietnam	IN	INS	s	
9840	1100-1130	VTN Voice of Vietnam	J	FE	s	
9840	1130-1200	VTN Voice of Vietnam	E	FE	s	
9840	1200-1230	VTN Voice of Vietnam	J	FE	s	
9840	1230-1300	VTN Voice of Vietnam	E	INS	s	
9840	1300-1330	VTN Voice of Vietnam	IN	INS	s	
9840	1330-1400	VTN Voice of Vietnam	E	FE	s	
9840	1400-1430	VTN Voice of Vietnam	J	FE	s	
9840	1430-1500	VTN Voice of Vietnam	IN	INS	s	
9840	1500-1530	VTN Voice of Vietnam	E	INS	s	
9840	2300-2330	VTN Voice of Vietnam	IN	INS	s	
9840	2330-2400	VTN Voice of Vietnam	E	INS	s	
9845	1030-1805	CHN China National Radio 1	M	CHN		b
9845	2023-0100	CHN China National Radio 1	M	CHN		b
9845	1900-2000	MDG MWV New Life Station	R	EEu		m
9850	2130-1600	CHN CNR1 Jammer/Firedrake	M	FE		
9850	0600-0855	We-Mo CHN PBS Qinghai		TB CHN		xg
9850	0855-1600	CHN PBS Qinghai		TB CHN		xg
9850	2250-0600	CHN PBS Qinghai		TB CHN		xg
9850	1000-1100	KRE Voice of Korea	E	SEA	u	
9850	1100-1200	KRE Voice of Korea	F	SEA	u	
9850	1200-1250	KRE Voice of Korea KCBS	K	SEA	u	
9850	1300-1400	KRE Voice of Korea	M	SEA	u	
9850	1400-1450	KRE Voice of Korea KCBS	K	SEA	u	
9850	0000-0100	TWN Sound of Hope	M	FE		
9850	0100-0200	TWN Sound of Hope	M	FE		
9850	0200-1200	TWN Sound of Hope	M	FE		
9850	1200-1300	TWN Sound of Hope	M	FE		
9850	1300-1400	TWN Sound of Hope	M	FE		
9850	1400-1500	TWN Sound of Hope	M	FE		
9850	1500-1600	TWN Sound of Hope	M	FE		
9850	1600-1700	TWN Sound of Hope	M	FE		
9850	2100-2130	TWN Sound of Hope	M	FE		
9850	2130-2200	TWN Sound of Hope	M	FE		
9850	2200-2300	TWN Sound of Hope	M	FE		
9850	2300-2400	TWN Sound of Hope	M	FE		
9855	1200-1400	CHN China Radio Int.	M	SEA		b
9855	2030-2050	J NHK Radio Japan	F	Waf	/F-i	
9860	1100-1805	CHN China National Radio 1	M	CHN		b
9860	0000-0100	CHN China Radio Int.	HK	PHL	j	
9860	0100-0200	CHN China Radio Int.	AM	PHL	j	
9860	2200-2300	CHN China Radio Int.	EO	SAm	ka	
9860	1045-1215	CHN CNR1 Jammer/Firedrake	M	FE		
9860	0100-0130	IND AIR Akashvani Ext.Sce	SD	PAK		b
9860	1045-1215	IND AIR Akashvani Ext.Sce	TB	Tib		d
9860	1155-1210 irr	IND AIR Akashvani Ext.Sce	E	Tib		d
9860	1230-1330	IND AIR Akashvani Ext.Sce	BC	PAK		d

9860	1330-1500	IND AIR Akashvani Ext.Sce	DR	AFG	b
9860	1400-1415 irr	IND AIR Akashvani Ext.Sce	E	AFG	b
9864	1300-1306	CLA Voice of Tibet	TB	FE	/UZB
9864	1335-1400	CLA Voice of Tibet	TB	FE	/UZB
9865	2000-2100	CHN China Radio Int.	M	ME	k
9865	1830-1930	TUR Voice of Turkey	F	CAf	e
9870	1300-1400	CHN China Radio Int.	E	SEA	x
9870	1500-1530 Su-Th G	BBC	A	ME	/OMA-a
9870	0700-0800	KOR KBS World Radio	K	Eu	/G-w
9870	0630-0700	ROU Radio Romania Int.	E	WEu	t
9875	1600-1700	CHN China Radio Int.	E	Eu	ka
9875	1300-1330	CHN CNR1 Jammer/Firedrake	M	FE	
9875	0700-0900	KRE Voice of Korea	R	FE	u
9875	1800-1900	KRE Voice of Korea	F	ME	u
9875	1900-2000	KRE Voice of Korea	E	ME	u
9875	2000-2050	KRE Voice of Korea KCBS	K	ME	u
9875	2100-2200	KRE Voice of Korea	M	FE	u
9875	2200-2300	KRE Voice of Korea	M	FE	u
9875	2300-2350	KRE Voice of Korea KCBS	K	FE	u
9875	2300-2330	PHL FEBC Manila	MIE	SEA	b
9875	2330-2400 Su-Th	PHL FEBC Manila	MIE	SEA	b
9877	1306-1312	CLA Voice of Tibet	TB	FE	/TJK
9880	0800-0900	CHN China Radio Int.	M	FE	b
9880	0900-1000	CHN China Radio Int.	M	PHL	n
9880	1000-1100	CHN China Radio Int.	M	Sib	b
9880	1100-1200	CHN China Radio Int.	BR	SEA	k
9880	1300-1400	CHN China Radio Int.	BR	SEA	k
9880	1400-1500	CHN China Radio Int.	KH	SEA	n
9880	1500-1600	CHN China Radio Int.	E	SEA	n
9880	1600-1700	CHN China Radio Int.	E	SEA	n
9880	1700-1800	CHN China Radio Int.	E	SEA	n
9883	1312-1330	CLA Voice of Tibet	TB	FE	/UZB
9885	1000-1300	CHN CNR1 Jammer/Firedrake	M	FE	d
9885	1330-1400	CHN CNR1 Jammer/Firedrake	M	FE	
9885	2215-2330	EGY Radio Cairo	P	SAm	a
9885	1800-1900	MDG MWV New Life Station	R	EEu	m
9885	1000-1100	TWN Radio Taiwan Int.	M	FE	s
9885	1100-1200	TWN Radio Taiwan Int.	M	FE	s
9885	1200-1300	TWN Radio Taiwan Int.	M	FE	s
9885	2000-2100	USA Adventist World Radio	K	FE	/GUM-a
9887	1335-1400	CLA Voice of Tibet	TB	FE	/UZB
9890	0100-0200	CHN China National Radio 13	UI	CHN	b
9890	1000-1100	CHN China National Radio 13	UI	CHN	b
9890	1100-1400	CHN China National Radio 13	UI	CHN	b
9890	1400-1500	CHN China National Radio 13	UI	CHN	b
9890	1500-1600	CHN China National Radio 13	M	CHN	b
9890	1600-1805	CHN China National Radio 13	UI	CHN	b
9890	2355-0100	CHN China National Radio 13	UI	CHN	b

9890	1300-1330	CHN CNR1 Jammer/Firedrake	M	FE	
9890	1330-1400	CHN CNR1 Jammer/Firedrake	M	FE	
9890	1900-2000	EGY Radio Cairo	R	EEu	a
9890	1500-1600	KRE Voice of Korea	A	ME	u
9890	1600-1700	KRE Voice of Korea	E	ME	u
9890	1700-1800	KRE Voice of Korea	A	ME	u
9893	1306-1312	CLA Voice of Tibet	TB	FE	/UZB
9893	1335-1400	CLA Voice of Tibet	TB	FE	/TJK
9900	2200-2400	CHN CNR1 Jammer/Firedrake	M	CHN	d
9900	0045-0200	EGY Radio Cairo	S	SAm	a
9900	1700-1900	EGY Radio Cairo	TU	ME	a
9900	2200-2400	TWN Radio Taiwan Int.	M	FE	s
9910	1130-1145 Su	USA Trans World Radio	E	FE	/TJK
9910	1145-1245 Su	USA Trans World Radio	M	CHN	/TJK
9910	1230-1245 Mo-Fr	USA Trans World Radio	YUN	CHN	/TJK
9910	1245-1300	USA Trans World Radio	HUI	CHN	/TJK
9920	1200-1230 Th-Sa	PHL FEBC Manila	JR	SEA	i
9920	1200-1230 Su-We	PHL FEBC Manila	RAD	SEA	i
9920	1230-1300 135	PHL FEBC Manila	BHN	SEA	i
9920	1230-1300 2467	PHL FEBC Manila	HRE	SEA	i
9920	1300-1330	PHL FEBC Manila	KOH	SEA	i
9926	0000-2400 irr	B Free Radio Minas Gerais	P	B	xx
9930	1200-1230	CLA Voice of Martyrs	K	KRE	/UZB
9930	0835-0905 Mo	USA Hope Radio 3	E	FE	/PLW
9930	0850-1000 Tu-Fr	USA Hope Radio 3	E	FE	/PLW
9930	1145-1200 Fr	USA Hope Radio 3	M	FE	/PLW
9930	1300-0130	USA WTTW Lebanon, TN	E	NAm	L
9940	1430-1500	CHN CNR1 Jammer/Firedrake	M	FE	
9940	1430-1500	HKG FEBC Radio Liangyou	UI	FE	/PHL-b
9955	0300-0330	CZE Radio Prague	S	LAm	/USA-o
9955	0400-0430	CZE Radio Prague	E	LAm	/USA-o
9955	0430-0500	CZE Radio Prague	F	LAm	/USA-o
9955	0330-0400	SVK Radio Slovakia Int.	S	LAm	/USA-o
9955	1200-1700	USA WRMI Radio Miami Int.	E	LAm	o
9955	2200-0300	USA WRMI Radio Miami Int.	E	LAm	o
9963	0000-2400	ISR 4XZ Israeli Navy Haifa	-CW		
9965	0800-1150 Su	USA Hope Radio 5	E	FE	/PLW
9965	0805-0905 Mo-Fr	USA Hope Radio 5	E	FE	/PLW
9965	0830-0845 Fr	USA Hope Radio 5	M	FE	/PLW
9965	0840-1050 Sa	USA Hope Radio 5	E	FE	/PLW
9970	0000-2400	B Rádio Casa AM	P	B	am
9970	2130-1700	CHN CNR1 Jammer/Firedrake	M	FE	
9970	0000-0100	TWN Sound of Hope	M	FE	
9970	0100-0200	TWN Sound of Hope	M	FE	
9970	0200-1200	TWN Sound of Hope	M	FE	
9970	1200-1300	TWN Sound of Hope	M	FE	
9970	1300-1400	TWN Sound of Hope	M	FE	
9970	1400-1500	TWN Sound of Hope	M	FE	

9970	1500-1600	TWN Sound of Hope	M	FE	
9970	1600-1700	TWN Sound of Hope	M	FE	
9970	2100-2130	TWN Sound of Hope	M	FE	
9970	2130-2200	TWN Sound of Hope	M	FE	
9970	2200-2300	TWN Sound of Hope	M	FE	
9970	2300-2400	TWN Sound of Hope	M	FE	
9975	1300-1325 Su	USA Trans World Radio	M	CHN	/TJK
9975	1300-1340 Mo-Sa	USA Trans World Radio	M	CHN	/TJK
9975	1400-1430 Su	USA Trans World Radio	BR	SEA	/UZB
9975	1430-1445 Su	USA Trans World Radio	K-S	SEA	/UZB
9975	1445-1500 Su	USA Trans World R. DIGITAL	E	SAs	/UZB
9975	1500-1505 Su	USA Trans World R. DIGITAL	E	SEA	/UZB
9982.5	0519-1600	HWA KVM70 Fax Honolulu	Oc		nm
9991	2000-0030 irr	B R.Voz Evangélica, Ceará	P	B	xx
9996	0000-2400	RUS RWM Moscow	-TS	RUS	t
10000	1400-1500 Mo-Fr	ARG LOL Buenos Aires	-TS	ARG	b
10000	0000-2400	B PPE Observatorio Nac.	-TS	B	ro
10000	0000-2400	CHN BPM Xian	-TS	CHN	p
10000	0000-2400	HWA WWVH Hawaii (f.ann.)	-TS	USA	c
10000	0000-2400	I ItalCable	-TS	SEu	v
10000	0000-2400	USA WWV Colorado (m.ann.)	-TS	USA	fc
10018	0000-2400	IND Mumbai Radio	E	SAs	
10021	0000-2400	IRL Shannon Aeradio H	E	NAO	s
10021	0000-2400	ROU Bucuresti Aero	RO	Eu	b
10024	1200-2400	HND COCESNA Cenamer Control	S	CAM	t
10024	0000-2400	PRU Lima Radio	S	SAM	
10027	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba
10027	0000-2400	HWA Moloka'i HFDL (ID2)	-HF	Oc	m
10030	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF	ME	m
10036	0000-2400	IRL Shannon Aeradio H	E	NAO	s
10048	0000-2400	J Tokyo Radio	E	FE	
10048	0000-2400	USA San Francisco Radio NP	E	NOc	/ALS-ba
10048	0000-2400	USA San Francisco Radio NP	E	NOc	/HWA-m
10057	0000-2400	MDG Antanan.Volmet x25,x50	E	EAF	
10057	0000-2400	USA San Francisco Radio CEP	E	EOc	dx
10060	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF	FE	m
10063	0000-2400	PNR Albrook HFDL (ID11)	-HF	CAM	al
10066	0000-2400	BGD Dhaka Radio	E	SAs	
10066	0000-2400	IND Kolkata Radio	E	SAs	
10066	0000-2400	IRL Shannon Aeradio I	E	NAO	s
10066	0000-2400	MYA Yangon Radio	E	SEA	
10066	0000-2400	THA Hat Yai HFDL (ID6)	-HF	SEA	hy
10081	0000-2400	IRL Shannon HFDL (ID7)	-HF	NAO	s
10081	0000-2400	USA San Francisco HFDL(ID1)	-HF	WNA	dx
10084	0000-2400	IND Delhi Radio	E	SAs	
10084	0000-2400	IND Mumbai Radio	E	SAs	
10084	0000-2400	NZL Auckland HFDL (ID5)	-HF	SOc	a
10093	0000-2400	ALS Barrow HFDL (ID9)	-HF	NOc	ba

10100.8	0000-2400	D DWD 1 Pinneberg RTTY	E	Eu	pi
10115	0000-2400	CHN BAF Beijing Meteo Fax	FE		bm
10125	0830-0900 Su	AUS VK2WI News Broadcast	E	AUS	du
10125	2300-2400 Sa	AUS VK2WI News Broadcast	E	AUS	du
10153	0000-2400	PTR NAU US Navy	-TY	NAm	i
10160	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE	
10160	0000-0100	TWN Sound of Hope	M	FE	
10160	0100-0200	TWN Sound of Hope	M	FE	
10160	0200-1200	TWN Sound of Hope	M	FE	
10160	1200-1300	TWN Sound of Hope	M	FE	
10160	1300-1400	TWN Sound of Hope	M	FE	
10160	1400-1500	TWN Sound of Hope	M	FE	
10160	1500-1600	TWN Sound of Hope	M	FE	
10160	1600-1700	TWN Sound of Hope	M	FE	
10160	2100-2130	TWN Sound of Hope	M	FE	
10160	2130-2200	TWN Sound of Hope	M	FE	
10160	2200-2300	TWN Sound of Hope	M	FE	
10160	2300-2400	TWN Sound of Hope	M	FE	
10213	0745-0755 Mo	POL E11 Polish Spy Numbers	E		p
10231	0000-2400	ISR 4XZ Israeli Navy Haifa	-CW		
10274	1430-1440 Th,Sa	RUS E07 Russian Spy Numbers	E	RUS	m
10448	1400-1410 Tu,Fr	POL S11a Polish Spy Numbers	R		p
10487	1910-1920 Fr,Su	POL E11 Polish Spy Numbers	E		p
10536	1000-2200	CAN CFH Halifax Radio	-TY	NAm	hx
10536	2200-1000	CAN CFH Halifax Radio	-TY	NAm	hx
10555	0015-0215	AUS VMW Wiluna Met Fax	Oc		w
10555	0245-0330	AUS VMW Wiluna Met Fax	Oc		w
10555	0400-0945	AUS VMW Wiluna Met Fax	Oc		w
10555	1015-1100	AUS VMW Wiluna Met Fax	Oc		w
10555	1100-1730	AUS VMW Wiluna Met Fax	Oc		w
10555	1800-1845	AUS VMW Wiluna Met Fax	Oc		w
10555	1915-2045	AUS VMW Wiluna Met Fax	Oc		w
10555	2215-2400	AUS VMW Wiluna Met Fax	Oc		w
10653	1100-1110 Tu,Fr	RUS E07 Russian Spy Numbers	E	RUS	m
10673	0210-0220 Mo	RUS E06 Russian Spy Numbers	E	RUS	c
10819.9	0000-0100	TWN Sound of Hope	M	FE	
10819.9	0100-0200	TWN Sound of Hope	M	FE	
10819.9	0200-1200	TWN Sound of Hope	M	FE	
10819.9	1200-1300	TWN Sound of Hope	M	FE	
10819.9	1300-1400	TWN Sound of Hope	M	FE	
10819.9	1400-1500	TWN Sound of Hope	M	FE	
10819.9	1500-1600	TWN Sound of Hope	M	FE	
10819.9	1600-1700	TWN Sound of Hope	M	FE	
10819.9	2130-2200	TWN Sound of Hope	M	FE	
10819.9	2200-2300	TWN Sound of Hope	M	FE	
10819.9	2300-2400	TWN Sound of Hope	M	FE	
10820	2130-1700	CHN CNR1 Jammer/Firedrake	M	FE	
10870	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE	

10870	0000-0100	TWN Sound of Hope	M	FE	
10870	0100-0200	TWN Sound of Hope	M	FE	
10870	0200-1200	TWN Sound of Hope	M	FE	
10870	1200-1300	TWN Sound of Hope	M	FE	
10870	1300-1400	TWN Sound of Hope	M	FE	
10870	1400-1500	TWN Sound of Hope	M	FE	
10870	1500-1600	TWN Sound of Hope	M	FE	
10870	1600-1700	TWN Sound of Hope	M	FE	
10870	2100-2130	TWN Sound of Hope	M	FE	
10870	2130-2200	TWN Sound of Hope	M	FE	
10870	2200-2300	TWN Sound of Hope	M	FE	
10870	2300-2400	TWN Sound of Hope	M	FE	
10871.7	0000-2400	RUS Channel Marker D	-CW	EEu	se
10871.8	0000-2400	RUS Channel Marker P	-CW	RUS	kl
10871.9	0000-2400	RUS Channel Marker S	-CW	RUS	sm
10872	0000-2400	RUS Channel Marker C	-CW	RUS	m
10872.1	0000-2400	RUS Channel Marker A	-CW	RUS	as
10872.2	0000-2400	RUS Channel Marker F	-CW	FE	vl
10872.3	0000-2400	RUS Channel Marker K	-CW	FE	pk
10872.4	0000-2400	RUS Channel Marker M	-CW	FE	mg
10920	2130-1700	CHN CNR1 Jammer/Firedrake	M	FE	
10920.1	0000-0100	TWN Sound of Hope	M	FE	
10920.1	0100-0200	TWN Sound of Hope	M	FE	
10920.1	0200-1200	TWN Sound of Hope	M	FE	
10920.1	1200-1300	TWN Sound of Hope	M	FE	
10920.1	1300-1400	TWN Sound of Hope	M	FE	
10920.1	1400-1500	TWN Sound of Hope	M	FE	
10920.1	1500-1600	TWN Sound of Hope	M	FE	
10920.1	1600-1700	TWN Sound of Hope	M	FE	
10920.1	2130-2200	TWN Sound of Hope	M	FE	
10920.1	2200-2300	TWN Sound of Hope	M	FE	
10920.1	2300-2400	TWN Sound of Hope	M	FE	
10940	2200-1700	CHN CNR1 Jammer/Firedrake	M	FE	
10940	0000-0100	TWN Sound of Hope	M	FE	
10940	0100-0200	TWN Sound of Hope	M	FE	
10940	0200-1200	TWN Sound of Hope	M	FE	
10940	1200-1300	TWN Sound of Hope	M	FE	
10940	1300-1400	TWN Sound of Hope	M	FE	
10940	1400-1500	TWN Sound of Hope	M	FE	
10940	1500-1600	TWN Sound of Hope	M	FE	
10940	2200-2300	TWN Sound of Hope	M	FE	
10940	2300-2400	TWN Sound of Hope	M	FE	
10959.7	0000-0100	TWN Sound of Hope	M	FE	
10959.7	0100-0200	TWN Sound of Hope	M	FE	
10959.7	0200-1200	TWN Sound of Hope	M	FE	
10959.7	1200-1300	TWN Sound of Hope	M	FE	
10959.7	1300-1400	TWN Sound of Hope	M	FE	
10959.7	1400-1500	TWN Sound of Hope	M	FE	

10959.7	1500-1600	TWN Sound of Hope	M	FE	
10959.7	1600-1700	TWN Sound of Hope	M	FE	
10959.7	2130-2200	TWN Sound of Hope	M	FE	
10959.7	2200-2300	TWN Sound of Hope	M	FE	
10959.7	2300-2400	TWN Sound of Hope	M	FE	
10960	2130-1700	CHN CNR1 Jammer/Firedrake	M	FE	
11030	0000-0015	AUS VMC Charleville Met Fax	Tas		c
11030	0015-0215	AUS VMC Charleville Met Fax	Oc		c
11030	0245-0330	AUS VMC Charleville Met Fax	Oc		c
11030	0345-0400	AUS VMC Charleville Met Fax	Tas		c
11030	0400-0500	AUS VMC Charleville Met Fax	Oc		c
11030	0500-0600	AUS VMC Charleville Met Fax	Tas		c
11030	0600-0855	AUS VMC Charleville Met Fax	Oc		c
11030	0900-0955	AUS VMC Charleville Met Fax	Oc		c
11030	1015-1715	AUS VMC Charleville Met Fax	Oc		c
11030	1800-1845	AUS VMC Charleville Met Fax	Oc		c
11030	1915-2045	AUS VMC Charleville Met Fax	Oc		c
11030	2215-2400	AUS VMC Charleville Met Fax	Oc		c
11039	0000-2400	D DWD 2 Pinneberg RTTY	E	Eu	pi
11086.5	0600-2000	G GYA Northwood Meteo Fax	WEu		nw
11090	0519-1600	HWA KVM70 Fax Honolulu	Oc		nm
11090	1719-0400	HWA KVM70 Fax Honolulu	Oc		nm
11092	0900-0915	Mo,We POL E11 Polish Spy Numbers	E		p
11100	0000-2400	CHN CNR1 Jammer/Firedrake	M	FE	
11100	1045-1055	Mo,We POL E11 Polish Spy Numbers	E		p
11100	0000-0100	TWN Sound of Hope	M	FE	
11100	0100-0200	TWN Sound of Hope	M	FE	
11100	0200-1200	TWN Sound of Hope	M	FE	
11100	1200-1300	TWN Sound of Hope	M	FE	
11100	1300-1400	TWN Sound of Hope	M	FE	
11100	1400-1500	TWN Sound of Hope	M	FE	
11100	1500-1600	TWN Sound of Hope	M	FE	
11100	2200-2300	TWN Sound of Hope	M	FE	
11100	2300-2400	TWN Sound of Hope	M	FE	
11104	0715-0725	Mo,We POL E11 Polish Spy Numbers	E		p
11120	2200-1700	CHN CNR1 Jammer/Firedrake	M	FE	
11120	0000-0100	TWN Sound of Hope	M	FE	
11120	0100-0200	TWN Sound of Hope	M	FE	
11120	0200-1200	TWN Sound of Hope	M	FE	
11120	1200-1300	TWN Sound of Hope	M	FE	
11120	1300-1400	TWN Sound of Hope	M	FE	
11120	1400-1500	TWN Sound of Hope	M	FE	
11120	1500-1600	TWN Sound of Hope	M	FE	
11120	1600-1700	TWN Sound of Hope	M	FE	
11120	2200-2300	TWN Sound of Hope	M	FE	
11120	2300-2400	TWN Sound of Hope	M	FE	
11150	2200-1500	CHN CNR1 Jammer/Firedrake	M	FE	
11150	0000-0100	TWN Sound of Hope	M	FE	

11150	0100-0200	TWN Sound of Hope	M	FE	
11150	0200-1200	TWN Sound of Hope	M	FE	
11150	1200-1300	TWN Sound of Hope	M	FE	
11150	1300-1400	TWN Sound of Hope	M	FE	
11150	1400-1500	TWN Sound of Hope	M	FE	
11150	2200-2300	TWN Sound of Hope	M	FE	
11150	2300-2400	TWN Sound of Hope	M	FE	
11175	0000-2400	USA US Air Force Messages	E	NAm	
11184	0000-2400	ISL Reykjavik HFDL (ID3)	-HF	NAO	r
11193	0000-2400	RUS Moscow Aero	R	EEu	m
11200	0000-2400	RUS Air Force Bear Net	R	RUS	m
11232	0000-2400	CAN Trenton Military	E	NAm	tr
11253	0000-2400	G RAF Volmet Military 1	E	Eu	ic
11276	0000-2400	IRL Shannon Aeradio J	E	NAO	s
11279	0000-2400	CAN Gander Radio	E	NAO	g
11279	0000-2400	IRL Shannon Aeradio D	E	NAO	s
11279	0000-2400	UZB Tashkent Volmet x20,x50	R	CAs	a
11282	0000-2400	USA San Francisco Radio CEP	E	EOc	dx
11285	0000-2400	CLN Colombo Radio	E	SAs	
11285	0000-2400	IND Chennai Radio	E	SAs	
11297	0300-1500	RUS Rostov Volmet x25,55	R	CIS	rv
11300	0000-2400	LBY Tripoli Radio	E	EAF	
11300	0000-2400	SDN Khartoum Radio	E	EAF	a
11300	0000-2400	SEY Seychelles Radio	E	EAF	
11300	0000-2400	SOM Mogadishu Radio	E	EAF	ma
11300	0000-0100	TWN Sound of Hope	M	FE	
11300	0100-0200	TWN Sound of Hope	M	FE	
11300	0200-1200	TWN Sound of Hope	M	FE	
11300	1200-1300	TWN Sound of Hope	M	FE	
11300	1300-1400	TWN Sound of Hope	M	FE	
11300	1400-1500	TWN Sound of Hope	M	FE	
11300	1500-1600	TWN Sound of Hope	M	FE	
11300	1600-1700	TWN Sound of Hope	M	FE	
11300	2100-2130	TWN Sound of Hope	M	FE	
11300	2130-2200	TWN Sound of Hope	M	FE	
11300	2200-2300	TWN Sound of Hope	M	FE	
11300	2300-2400	TWN Sound of Hope	M	FE	
11306	0000-2400	GUM Agana Guam HFDL (ID16)	-HF	WOc	h
11306	0000-2400	USA Boeing Seattle	E	WNA	
11309	0000-2400	AZR Santa Maria Radio	E	E NAO	sm
11309	0000-2400	USA New York Radio	E	NAO	bg
11312	0000-2400	HWA Moloka'i HFDL (ID2)	-HF	Oc	m
11318	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF	SAm	sz
11318	0000-2400	RUS Air Force Bear Net	-CW	RUS	m
11318	2300-1100	RUS Novosibir Volmet x07,37	R	CIS	nv
11318	0200-1400	RUS Samara Volmet x15,45	R	CIS	sv
11318	0300-1500	RUS Syktyvkar Volmet x00,30	R	CIS	sy
11321	0000-2400	AFS Johannesburg HFDL (ID8)	-HF	SAf	j

11327	0000-2400	USA San Francisco HFDL(ID1) -HF WNA	dx
11330	0000-2400	USA New York Radio E Car	bg
11336	0000-2400	CAN Gander Radio C E NAO	g
11336	0000-2400	IRL Shannon Aeradio C E NAO	s
11336	0000-2400	ISL Iceland Radio C E NAO	
11342	0000-2400	USA New York Radio E NAO	bg
11342	0000-2400	USA San Francisco R. LDOC E Oc	dx
11345	0600-1800	S Stockholm Radio (Air) E Eu	gr
11345	1800-0600	S Stockholm Radio (Air) E Eu	gr
11348	0000-2400	CNR Canarias HFDL (ID17) -HF Waf	gc
11348	0000-2400	HWA Moloka'i HFDL (ID2) -HF Oc	m
11354	0000-2400	ALS Barrow HFDL (ID9) -HF NOc	ba
11360	0000-2400	RUS AF Transport Davlenie R EEu	tc
11360	0000-2400	RUS AF Transport Kasta R EEu	to
11360	0000-2400	RUS AF Transport Klarnetist R EEu	to
11360	0000-2400	RUS AF Transport Korsar R EEu	m
11360	0000-2400	RUS AF Transport Magnetron R EEu	sc
11360	0000-2400	RUS AF Transport Polis R EEu	o2
11360	0000-2400	RUS AF Transport Proselok R EEu	ps
11363	0000-2400	IRL Shannon Aeradio H E NAO	s
11369	0000-2400	ARG Ezeiza Volmet x01 S SAm	e
11384	0000-2400	IRL Shannon HFDL (ID7) -HF NAO	s
11384	0000-2400	J Naha Radio CWP E WOc	nh
11384	0000-2400	USA San Francisco Radio CWP E WOc	/GUM-b
11384	0000-2400	USA San Francisco Radio CWP E WOc	/HWA-m
11387	0000-2400	AUS Australia Volmet x00,30 E Oc	at
11387	0305-1240	IND Kolkata Volmet x05,x35 E SAs	kv
11387	0325-1300	IND Mumbai Volmet x25,x55 E SAs	mv
11387	2250-1225	SNG SingaporeVolmet x20,x50 E SAs	v
11387	0010-1045	THA Bangkok Volmet x10,x40 E SAs	bv
11387	0000-2400	USA Riverhead HFDL (ID4) -HF ENA	rh
11396	0000-2400	USA New York Radio E NAO	bg
11410	2100-1700	CHN CNR1 Jammer/Firedrake M FE	
11410	0000-0100	TWN Sound of Hope M FE	
11410	0100-0200	TWN Sound of Hope M FE	
11410	0200-1200	TWN Sound of Hope M FE	
11410	1200-1300	TWN Sound of Hope M FE	
11410	1300-1400	TWN Sound of Hope M FE	
11410	1400-1500	TWN Sound of Hope M FE	
11410	1500-1600	TWN Sound of Hope M FE	
11410	1600-1700	TWN Sound of Hope M FE	
11410	2100-2130	TWN Sound of Hope M FE	
11410	2130-2200	TWN Sound of Hope M FE	
11410	2200-2300	TWN Sound of Hope M FE	
11410	2300-2400	TWN Sound of Hope M FE	
11420	0000-2400 irr	MEX Hikari FM E,J WNA	cb
11430	1300-1400	TWN Star-Star Bc.Station M CHN	y
11440	2000-1700	CHN CNR1 Jammer/Firedrake M FE	

11440	0000-0100	TWN Sound of Hope	M	FE	
11440	0100-0200	TWN Sound of Hope	M	FE	
11440	0200-1200	TWN Sound of Hope	M	FE	
11440	1200-1300	TWN Sound of Hope	M	FE	
11440	1300-1400	TWN Sound of Hope	M	FE	
11440	1400-1500	TWN Sound of Hope	M	FE	
11440	1500-1600	TWN Sound of Hope	M	FE	
11440	1600-1700	TWN Sound of Hope	M	FE	
11440	2000-2100	TWN Sound of Hope	M	FE	
11440	2100-2130	TWN Sound of Hope	M	FE	
11440	2130-2200	TWN Sound of Hope	M	FE	
11440	2200-2300	TWN Sound of Hope	M	FE	
11440	2300-2400	TWN Sound of Hope	M	FE	
11460	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE	
11460	0000-0100	TWN Sound of Hope	M	FE	
11460	0100-0200	TWN Sound of Hope	M	FE	
11460	0200-1200	TWN Sound of Hope	M	FE	
11460	1200-1300	TWN Sound of Hope	M	FE	
11460	1300-1400	TWN Sound of Hope	M	FE	
11460	1400-1500	TWN Sound of Hope	M	FE	
11460	1500-1600	TWN Sound of Hope	M	FE	
11460	1600-1700	TWN Sound of Hope	M	FE	
11460	2100-2130	TWN Sound of Hope	M	FE	
11460	2130-2200	TWN Sound of Hope	M	FE	
11460	2200-2300	TWN Sound of Hope	M	FE	
11460	2300-2400	TWN Sound of Hope	M	FE	
11486	1850-1900	We,Sa POL S11a Polish Spy Numbers	R		p
11500	2000-1700	CHN CNR1 Jammer/Firedrake	M	FE	
11500	0000-0100	TWN Sound of Hope	M	FE	
11500	0100-0200	TWN Sound of Hope	M	FE	
11500	0200-1200	TWN Sound of Hope	M	FE	
11500	1200-1300	TWN Sound of Hope	M	FE	
11500	1300-1400	TWN Sound of Hope	M	FE	
11500	1400-1500	TWN Sound of Hope	M	FE	
11500	1500-1600	TWN Sound of Hope	M	FE	
11500	1600-1700	TWN Sound of Hope	M	FE	
11500	2000-2100	TWN Sound of Hope	M	FE	
11500	2100-2130	TWN Sound of Hope	M	FE	
11500	2130-2200	TWN Sound of Hope	M	FE	
11500	2200-2300	TWN Sound of Hope	M	FE	
11500	2300-2400	TWN Sound of Hope	M	FE	
11510	0400-1600	CLA Dengê Gel	KU	ME	/ARM
11510	1300-1400	CLA Free North Korea Radio	K	KRE	/UZB
11510	0400-1600	TUR Turkish Jammer	TU	ME	e
11515	0400-1600	CLA Dengê Gel	KU	ME	/ARM
11515	0400-1600	TUR Turkish Jammer	TU	ME	e
11520	2000-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
11520	0400-1600	CLA Dengê Gel	KU	ME	/ARM

11520	0400-1600	TUR Turkish Jammer	TU ME	e
11520	0000-0100	TWN Sound of Hope	M FE	
11520	0100-0200	TWN Sound of Hope	M FE	
11520	0200-1200	TWN Sound of Hope	M FE	
11520	1200-1300	TWN Sound of Hope	M FE	
11520	1300-1400	TWN Sound of Hope	M FE	
11520	1400-1500	TWN Sound of Hope	M FE	
11520	1500-1600	TWN Sound of Hope	M FE	
11520	1600-1700	TWN Sound of Hope	M FE	
11520	2100-2130	TWN Sound of Hope	M FE	
11520	2130-2200	TWN Sound of Hope	M FE	
11520	2200-2300	TWN Sound of Hope	M FE	
11520	2300-2400	TWN Sound of Hope	M FE	
11525	0400-1600	CLA Dengê Gel	KU ME	/ARM
11525	0400-1600	TUR Turkish Jammer	TU ME	e
11530	0400-1600	CLA Dengê Gel	KU ME	/ARM
11530	0400-1600	TUR Turkish Jammer	TU ME	e
11535	2000-1600	CHN CNR1 Jammer/Firedrake	M	CHN
11535	0400-1600	CLA Dengê Gel	KU ME	/ARM
11535	0400-1600	TUR Turkish Jammer	TU ME	e
11535	0000-0100	TWN Sound of Hope	M FE	
11535	0100-0200	TWN Sound of Hope	M FE	
11535	0200-1200	TWN Sound of Hope	M FE	
11535	1200-1300	TWN Sound of Hope	M FE	
11535	1300-1400	TWN Sound of Hope	M FE	
11535	1400-1500	TWN Sound of Hope	M FE	
11535	1500-1600	TWN Sound of Hope	M FE	
11535	2000-2100	TWN Sound of Hope	M FE	
11535	2100-2130	TWN Sound of Hope	M FE	
11535	2130-2200	TWN Sound of Hope	M FE	
11535	2200-2300	TWN Sound of Hope	M FE	
11535	2300-2400	TWN Sound of Hope	M FE	
11540	0400-1600	CLA Dengê Gel	KU ME	/ARM
11540	0400-1600	TUR Turkish Jammer	TU ME	e
11545	0400-1600	CLA Dengê Gel	KU ME	/ARM
11545	0400-1600	TUR Turkish Jammer	TU ME	e
11550	0400-1600	CLA Dengê Gel	KU ME	/ARM
11550	0400-1600	TUR Turkish Jammer	TU ME	e
11550	0000-0100	TWN Sound of Hope	M FE	
11550	0100-0200	TWN Sound of Hope	M FE	
11550	0200-1200	TWN Sound of Hope	M FE	
11550	1200-1300	TWN Sound of Hope	M FE	
11550	1300-1400	TWN Sound of Hope	M FE	
11550	1400-1500	TWN Sound of Hope	M FE	
11550	2100-2130	TWN Sound of Hope	M FE	
11550	2130-2200	TWN Sound of Hope	M FE	
11550	2200-2300	TWN Sound of Hope	M FE	
11550	2300-2400	TWN Sound of Hope	M FE	

11550	1330-1415 Sa	USA Trans World Radio	VN SEA	/PHL-i
11559	1205-1215 Tu,We	POL E11 Polish Spy Numbers	E	p
11559	0445-0455 Tu,Th	POL S11a Polish Spy Numbers	R	p
11574	1410-1420 Th,Sa	RUS E07 Russian Spy Numbers	E RUS	m
11580	2100-1600	CHN CNR1 Jammer/Firedrake	M FE	
11580	0000-0100	TWN Sound of Hope	M FE	
11580	0100-0200	TWN Sound of Hope	M FE	
11580	0200-1200	TWN Sound of Hope	M FE	
11580	1200-1300	TWN Sound of Hope	M FE	
11580	1300-1400	TWN Sound of Hope	M FE	
11580	1400-1500	TWN Sound of Hope	M FE	
11580	1500-1600	TWN Sound of Hope	CA FE	
11580	2100-2130	TWN Sound of Hope	M FE	
11580	2130-2200	TWN Sound of Hope	M FE	
11580	2200-2300	TWN Sound of Hope	M FE	
11580	2300-2400	TWN Sound of Hope	M FE	
11600	1545-1600	CAN Bible Voice	A ME	/BUL-s
11600	0000-0600	CHN CNR 2 China Business R.	M CHN	x
11600	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M CHN	x
11600	0900-1100	CHN CNR 2 China Business R.	M CHN	x
11600	2100-1600	CHN CNR1 Jammer/Firedrake	M CHN	
11600	1300-1400	PHL FEBC Manila	FE b	
11600	1400-1600	PHL FEBC Manila	M FE i	
11600.1	0000-0100	TWN Sound of Hope	M FE	
11600.1	0100-0200	TWN Sound of Hope	M FE	
11600.1	0200-1200	TWN Sound of Hope	M FE	
11600.1	1200-1300	TWN Sound of Hope	M FE	
11600.1	1300-1400	TWN Sound of Hope	M FE	
11600.1	1400-1500	TWN Sound of Hope	M FE	
11600.1	1500-1600	TWN Sound of Hope	CA FE	
11600.1	2100-2130	TWN Sound of Hope	M FE	
11600.1	2130-2200	TWN Sound of Hope	M FE	
11600.1	2200-2300	TWN Sound of Hope	M FE	
11600.1	2300-2400	TWN Sound of Hope	M FE	
11600	0400-0500	USA Brother Stair	E Eu	/BUL-s
11610	1100-1200	CHN China National Radio	M CHN	d
11610	1300-1400	CHN China Radio Int.	BE SAs	k
11610	1400-1500	CHN China Radio Int.	BE SAs	k
11610	0000-0600	CHN CNR 2 China Business R.	M CHN	B
11610	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M CHN	B
11610	0900-1100	CHN CNR 2 China Business R.	M CHN	B
11610	1500-1520	J NHK Radio Japan	BE SAs	y
11610	1530-1550	J NHK Radio Japan	HI SAs	y
11610	2100-2200	MDG MWV The Light of Life	M WEu	m
11610	2200-2300	MDG MWV Radio Feda	A Naf	m
11616	0400-0410 Mo-Fr	RUS S06 Russian Spy Numbers	R FE	kh
11620	0000-0600	CHN CNR5 Cross-Strait Radio	M TWN	B
11620	0600-0900 Th-Tu	CHN CNR5 Cross-Strait Radio	M TWN	B

11620	0900-1000	CHN CNR5 Cross-Strait Radio	M	TWN	B
11620	0700-0730	ROU Radio Romania Int.	D	WEu	t
11630	0600-0800	We-Mo CHN China National Radio 17	KZ	CHN	L
11630	0800-0900	We-Mo CHN China National Radio 17	M	CHN	L
11630	0900-1200	CHN China National Radio 17	KZ	CHN	L
11630	2355-0600	CHN China National Radio 17	KZ	CHN	L
11630	2100-2300	J NHK Radio Japan	J	SEA	y
11630	1700-1800	ROU Radio Romania Int.	F	SEu	t
11630	1400-1430	S IBRA Radio	TIG	EAF	/UAE
11635	1000-1100	CHN China Radio Int.	E	Sib	b
11635	1800-1900	KRE Voice of Korea	F	ME	u
11635	1900-2000	KRE Voice of Korea	E	ME	u
11635	2000-2050	KRE Voice of Korea KCBS	K	ME	u
11635	2100-2200	KRE Voice of Korea	M	FE	u
11635	2200-2300	KRE Voice of Korea	M	FE	u
11635	2300-2350	KRE Voice of Korea KCBS	K	FE	u
11638	0000-2400 irr	D DWD Polarstern Fax/RTTY	Eu		pi
11640	0200-0300	CHN China Radio Int.	BE	SAs	k
11640	0300-0400	CHN China Radio Int.	HI	SAs	ka
11640	0700-0800	CHN China Radio Int.	CA	FE	j
11640	0800-0900	CHN China Radio Int.	M	FE	j
11640	1200-1300	CHN China Radio Int.	VN	INS	x
11640	1300-1400	CHN China Radio Int.	E	Eu	ka
11640	1430-1500	CHN China Radio Int.	TAG	PHL	n
11640	1800-1830	CHN China Radio Int.	HA	NIG	/MLI
11640	1830-1930	CHN China Radio Int.	A	EAF	/MLI
11640	1930-2000	CHN China Radio Int.	P	EAF	/MLI
11640	2000-2100	CHN China Radio Int.	E	EAF	/MLI
11640	2100-2130	CHN China Radio Int.	E	EAF	/MLI
11640	1100-1200 irr	F TDF DIGITAL	F	SEu	i
11640	0430-0500	HOL Radio Dabanga	SUD	SDN	/MDG
11640	1700-1800	HOL Radio Dabanga	SUD	SDN	/CVA
11640	0400-0430	HOL Radio Tamazuj	SUD	SSD	/MDG
11645	2200-2400	G BBC	E	INS	/OMA-a
11645	1500-1600	KRE Voice of Korea	A	ME	u
11645	1600-1700	KRE Voice of Korea	E	ME	u
11645	1700-1800	KRE Voice of Korea	A	ME	u
11650	0400-0500	CHN China Radio Int.	VN	SEA	k
11650	0500-0600	CHN China Radio Int.	VN	SEA	k
11650	1100-1300	CHN China Radio Int.	E	SAs	u
11650	1400-1500	CHN China Radio Int.	AM	SEA	k
11650	1800-2100	24Dec D NDR Gruß an Bord	D	EAF	/F-i
11655	1600-1630	S IBRA Radio Ibrahim	AFA	EAF	/UAE
11660	0100-0600	CHN CNR 2 China Business R.	M	CHN	x
11660	0600-0900	Th-Tu CHN CNR 2 China Business R.	M	CHN	x
11660	1930-2000	Sa-Th G BBC	HA	WAF	/ASC
11660	1930-2030	Fr G BBC	HA	WAF	/ASC
11660	0300-0400	ROU Radio Romania Int.	S	SAM	t

11660	0730-0800	ROU Radio Romania Int.	A	NAf	g	
11660	1500-1600	ROU Radio Romania Int.	D	WEu	t	
11660	1630-1645	SaSu SWZ Trans World Radio		KAM	ETH	
11660	1630-1715	Mo-Fr SWZ Trans World Radio		AH	ETH	
11660	1645-1730	Su SWZ Trans World Radio		OO	ETH	
11660	1715-1800	Mo-Fr SWZ Trans World Radio		SID	ETH	
11660	0500-0700	TUR Voice of Turkey	TU	ME	e	
11660	1900-1930	Su USA Follow the Bible Min.	E	Waf	/ASC	
11665	0400-0700	MLA RTM Limbang FM	LB	MLA	ka	
11665	0700-0900	MLA RTM Miri FM	KYB	MLA	ka	
11665	0900-1000	MLA RTM Miri FM	KEN	MLA	ka	
11665	1000-1405	MLA RTM Wai FM	IB	MLA	ka	
11665	2230-0400	MLA RTM Wai FM	IB	MLA	ka	
11670	0600-0900	Th-Tu CHN CNR 2 China Business R.	M	CHN	B	
11670	0900-1200	CHN CNR 2 China Business R.	M	CHN	B	
11670	2330-0600	CHN CNR 2 China Business R.	M	CHN	B	
11675	2100-2300	J NHK Radio Japan	J	ME	y	
11680	1200-1300	CHN China Radio Int.	KH	SEA	n	
11680	1600-1700	CHN China Radio Int.	E	SAf	j	
11680	1700-1800	CHN China Radio Int.	E	SAf	j	
11680	1950-1800	KRE KCBS Pyongyang	K	KRE	k	
11685	2055-2300	CHN China National Radio 8	MO	CHN	qq	
11685	0000-0600	CHN China National Radio 11	TB	CHN	as	
11685	0600-0700	Th-Tu CHN China National Radio 11	TB	CHN	as	
11685	0700-0800	Th-Tu CHN China National Radio 11	M	CHN	as	
11685	0800-0900	Th-Tu CHN China National Radio 11	TB	CHN	as	
11685	0900-1100	CHN China National Radio 11	TB	CHN	as	
11688	0000-2400	PTR NAU US Navy	-TY	NAm	i	
11690	1200-1300	CHN China Radio Int.	E	CAs	x	
11690	0000-1900	1.Sa FIN Scandinavian Weekend R.	FI	Eu	v	
11690	2200-2400	1.Fr FIN Scandinavian Weekend R.	FI	Eu	v	
11695	0100-0900	CHN CNR1 DIGITAL	M	CHN	d	
11695	0000-1100	CHN CNR 2 China Business R.	M	CHN	x	
11700	0300-0400	CHN China Radio Int.	HI	SAs	ka	
11700	1030-1130	CHN China Radio Int.	IN	INS	k	
11700	1230-1330	CHN China Radio Int.	ML	INS	k	
11700	0400-0500	F Radio France Int.	F	EAF	i	
11700	0500-0600	F Radio France Int.	F	CAf	i	
11700	0600-0700	F Radio France Int.	F	CAf	i	
11700	0700-0800	F Radio France Int.	F	WAF	i	
11700	1900-1930	USA Adventist World Radio	HA	NIG	/D-n	
11700	1930-2000	USA Adventist World Radio	IG	NIG	/D-n	
11700	2000-2030	USA Adventist World Radio	YO	NIG	/D-n	
11700	2030-2100	USA Adventist World Radio	NIG	NIG	/D-n	
11700	2100-2200	USA Adventist World Radio	M	FE	/GUM-a	
11700	2200-2300	USA Adventist World Radio	M	FE	/GUM-a	
11710	0300-0400	CHN China Radio Int.	R	CAs	u	
11710	0600-0700	CHN China Radio Int.	M	SEA	n	

11710	0700-0800	CHN China Radio Int.	M	SEA	n
11710	1800-1900 irr	F TDF DIGITAL	F	EAF	i
11710	1300-1400	KRE Voice of Korea	E	NAm	u
11710	1400-1500	KRE Voice of Korea	F	NAm	u
11710	1500-1600	KRE Voice of Korea	E	NAm	u
11710	1600-1700	KRE Voice of Korea	F	NAm	u
11710	1700-1750	KRE Voice of Korea KCBS	K	NAm	u
11710	0800-0900	TUR Voice of Turkey	AZ	Cau	e
11715	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE	
11715	0700-0800 irr	F TDF DIGITAL	F	SAO	i
11715.1	0000-0100	TWN Sound of Hope	M	FE	
11715.1	0100-0200	TWN Sound of Hope	M	FE	
11715.1	0200-1200	TWN Sound of Hope	M	FE	
11715.1	1200-1300	TWN Sound of Hope	M	FE	
11715.1	1300-1400	TWN Sound of Hope	M	FE	
11715.1	1400-1500	TWN Sound of Hope	M	FE	
11715.1	1500-1600	TWN Sound of Hope	M	FE	
11715.1	1600-1700	TWN Sound of Hope	M	FE	
11715.1	2100-2130	TWN Sound of Hope	M	FE	
11715.1	2130-2200	TWN Sound of Hope	M	FE	
11715.1	2200-2300	TWN Sound of Hope	M	FE	
11715.1	2300-2400	TWN Sound of Hope	M	FE	
11720	0600-0900 We-Mo	CHN China National Radio 1	M	CHN	s
11720	0900-1100	CHN China National Radio 1	M	CHN	s
11720	2330-0600	CHN China National Radio 1	M	CHN	s
11720	1200-1300	CHN China Radio Int.	VN	SEA	a
11720	1900-2200 1.Sa	FIN Scandinavian Weekend R.	FI	Eu	v
11720	1330-1700	VTN Voice of Vietnam 3	VN	Oc	s
11720	2145-1030	VTN Voice of Vietnam 4	VN	Oc	s
11720	1030-1330	VTN Voice of Vietnam 5	VN	SEA	s
11725	1400-1500 irr	F TDF DIGITAL	F	NEu	i
11730	0230-0330	CHN China Radio Int.	NE	FE	k
11730	1100-1200	CHN CNR1 Jammer/Firedrake	M	FE	
11730	2000-2100	ROU Radio Romania Int.	S	SEu	t
11730	1100-1200	TWN Radio Taiwan Int.	M	FE	s
11735	0100-0230	CHN CNR1 Jammer/Firedrake	M	FE	
11735	0100-0230	IND AIR Akashvani Ext.Sce	TB	Tib	d
11735	0200-0215 irr	IND AIR Akashvani Ext.Sce	E	Tib	d
11735	0500-0530	J NHK Radio Japan	E	SAf	/F-i
11735	0300-0400	KRE Voice of Korea	S	LAm	u
11735	0400-0500	KRE Voice of Korea	E	LAm	u
11735	0500-0600	KRE Voice of Korea	S	LAm	u
11735	0600-0700	KRE Voice of Korea	F	LAm	u
11735	0700-0900	KRE Voice of Korea	R	FE	u
11740	0200-0230	CHN China Radio Int.	PS	CAs	x
11740	1100-1605	CHN CNR 2 China Business R.	M	CHN	L
11740	2055-0100	CHN CNR 2 China Business R.	M	CHN	L
11748.7	0000-2400	B Rádio Voz Missionária	P	B	fp

11750	1100-1200	CHN China Radio Int.	M	Oc	b	
11750	0000-1100	CHN CNR 2 China Business R.	M	CHN	n	
11750	0600-0800	We-Mo CHN China National Radio 1	M	CHN	s	
11750	2200-0600	CHN China National Radio 1	M	CHN	s	
11750	1400-1430	PHL FEBC Manila	LAH	SEA	b	
11750	1430-1445	Fr-Su PHL FEBC Manila	RUM	SEA	b	
11750	1445-1500	Fr-Su PHL FEBC Manila	SHT	SEA	b	
11755	1630-1700	CVA Radio Vaticana	A	ME		
11755	1700-1715	CVA Radio Vaticana	F	ME		
11755	1715-1730	CVA Radio Vaticana	E	ME		
11755	1940-2000	Su CVA Radio Vaticana	Ros	ME		
11760	0000-0600	CHN China National Radio 1	M	CHN	s	
11760	0600-0900	We-Mo CHN China National Radio 1	M	CHN	s	
11760	0900-1000	CHN China National Radio 1	M	CHN	s	
11760	1200-1300	CHN China Radio Int.	E	Oc	k	
11760	1300-1400	CHN China Radio Int.	E	Oc	k	
11760	0100-0700	CUB Radio Habana Cuba	E	Am	b	
11760	1400-1600	CUB Radio Habana Cuba	S	Am	b	
11760	1930-2000	CUB Radio Habana Cuba	CR	Am	b	
11760	2000-2100	CUB Radio Habana Cuba	E	Am	b	
11760	2200-2300	CUB Radio Habana Cuba	S	Am	b	
11760	0530-0600	F Radio France Int.	SWA	Eaf	i	
11760	2000-2030	F Radio France Int.	HA	Waf	i	
11760	1000-1100	irr F TDF DIGITAL	F	SEu	i	
11765	0000-0100	TWN Sound of Hope	M	FE		
11765	0100-0200	TWN Sound of Hope	M	FE		
11765	0200-1200	TWN Sound of Hope	M	FE		
11765	1200-1300	TWN Sound of Hope	M	FE		
11765	1300-1400	TWN Sound of Hope	M	FE		
11765	1400-1500	TWN Sound of Hope	M	FE		
11765	2130-2200	TWN Sound of Hope	M	FE		
11765	2200-2300	TWN Sound of Hope	M	FE		
11765	2300-2400	TWN Sound of Hope	M	FE		
11770	0000-0100	CHN China Radio Int.	VN	SEA	b	
11770	0100-0200	CHN China Radio Int.	M	SEA	n	
11770	0200-0300	CHN China Radio Int.	E	SAs	ka	
11770	0300-0400	CHN China Radio Int.	E	SAs	ka	
11770	0300-0800	CHN PBS Xinjiang	M	CHN	uc	
11770	0800-1100	We-Mo CHN PBS Xinjiang	M	CHN	uc	
11770	1200-1400	CHN PBS Xinjiang	M	CHN	uc	
11770	1400-1800	CHN PBS Xinjiang	M	CHN	uc	
11770	2300-0300	CHN PBS Xinjiang	M	CHN	uc	
11775	1000-1100	CHN China National Radio 6	HK	CHN	n	
11775	1100-1200	CHN China National Radio 6	M	CHN	n	
11775	1200-1605	CHN China National Radio 6	M	CHN	n	
11775	2130-1700	CHN CNR1 Jammer/Firedrake	M	FE		
11774.7	0000-0100	TWN Sound of Hope	M	FE		
11774.7	0100-0200	TWN Sound of Hope	M	FE		

11774.7	0200-1200	TWN Sound of Hope	M	FE		
11774.7	1200-1300	TWN Sound of Hope	M	FE		
11774.7	1300-1400	TWN Sound of Hope	M	FE		
11774.7	1400-1500	TWN Sound of Hope	M	FE		
11774.7	1500-1600	TWN Sound of Hope	M	FE		
11774.7	1600-1700	TWN Sound of Hope	M	FE		
11774.7	2130-2200	TWN Sound of Hope	M	FE		
11774.7	2200-2300	TWN Sound of Hope	M	FE		
11774.7	2300-2400	TWN Sound of Hope	M	FE		
11780	0150-0155	B Rádio Nacional Amazônia	E	B		b
11780	0155-0200	B Rádio Nacional Amazônia	S	B		b
11780	0750-0207	B Rádio Nacional Amazônia	P	B		b
11780	0000-0100	CHN China Radio Int.	M	FE		j
11780	0920-1250	IRN IRIB Voice of I.R.Iran	DR	AFG		s
11785	1100-1200	CHN China Radio Int.	VN	SEA		a
11785	1400-1500	CHN China Radio Int.	M	Eu		ka
11785	0000-1300	CHN CNR 2 China Business R.	M	CHN		x
11790	0000-0100	CHN China Radio Int.	E	SEA		x
11790	1200-1400	CHN China Radio Int.	M	ME		ka
11790	2300-2400	CHN China Radio Int.	E	SEA		x
11790	0700-0800	F Radio France DIGITAL	F	Waf		i
11790	0300-0600 irr	F TDF DIGITAL	F	Eaf		i
11790	0800-0900 irr	F TDF DIGITAL	F	NEu		i
11795	1100-1200	CHN China Radio Int.	E	SAs		ka
11795	1100-1200	KOR KBS World Radio	S	SAm		k
11800	0030-0600	CHN CNR 2 China Business R.	M	CHN		B
11800	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M	CHN		B
11800	0900-1030	CHN CNR 2 China Business R.	M	CHN		B
11800	1700-1900	J NHK Radio Japan	J	ME		/F-i
11800	0300-0400	ROU Radio Romania Int.	S	SAm		t
11805	1330-1430	CHN China Radio Int.	IN	INS		k
11805	1100-1200 1.Su	D Radio Joystick	D	Eu		/G-w
11805	0300-0430	IND AIR Akashvani Ext.Sce	BC	PAK		d
11805	0430-0600	IND AIR Akashvani Ext.Sce	PS	AFG		d
11805	1900-2000	USA Adventist World Radio	A	ME		/GUM-a
11810	0100-0200	CHN China National Radio 8	M	CHN		B
11810	0200-0500	CHN China National Radio 8	MO	CHN		B
11810	0500-0600	CHN China National Radio 8	M	CHN		B
11810	2055-0100	CHN China National Radio 8	MO	CHN		B
11810	0900-1000 irr	F TDF DIGITAL	F	SEu		i
11810	0600-0700	G BBC	E	Caf		/ASC
11810	1230-1400	IND AIR Akashvani Ext.Sce	PS	AFG		b
11810	1340-1355 irr	IND AIR Akashvani Ext.Sce	E	AFG		b
11810	0000-0100	KOR KBS World Radio	K	FE		k
11810	0100-0200	KOR KBS World Radio	J	J		k
11810	0200-0300	KOR KBS World Radio	J	J		k
11810	0300-0400	KOR KBS World Radio	K	SAm		k
11810	2200-2300	KOR KBS World Radio	E	Eu		k

11815	0000-2400	B	Rádio Brasil Central	P	B	go	
11815	0400-0600	CHN	CNR1 Jammer/Firedrake	M	FE	a	
11815	0700-0800	CHN	CNR1 Jammer/Firedrake	M	FE	b	
11815	0705-0800	Su	CVA Radio Vaticana	UK	UKR		
11815	1400-1430	J	NHK Radio Japan	E	SEA	y	
11815	1430-1450	Mo-Fr J	NHK Radio Japan	BR	SEA	y	
11815	1430-1459	SaSu J	NHK Radio Japan	BR	SEA	y	
11815	1500-1700	J	NHK Radio Japan	J	SEA	y	
11815	1400-1700	TUR	Voice of Turkey	TU	Eu	e	
11815	0400-0600	TWN	Radio Taiwan Int.	M	FE	p	
11815	0700-0810	SaSu	TWN Radio Taiwan Int.	M	FE	p	
11820	0000-0100	CHN	China Radio Int.	CA	SEA	x	
11825	1130-1145	AUS	Reach Beyond Australia	ROH	MYA	ku	
11825	1145-1200	AUS	Reach Beyond Australia	BR	MYA	ku	
11825	1200-1230	AUS	Reach Beyond Australia	NLA	MYA	ku	
11825	1400-1430	AUS	Reach Beyond Australia	BR	MYA	ku	
11825	0700-1000	J	NHK Radio Japan	J	FE	y	
11825	1000-1020	J	NHK Radio Japan	M	FE	y	
11825	0400-0500	MDG	MWV African Pathways R.	E	CAf	m	
11825	1030-1045	Mo-Sa	USA Trans World Radio	MO	MNG	/UZB	
11825	1045-1100	USA	Trans World Radio	MO	CHN	/UZB	
11830	1200-1245	CLA	Mizzima Radio	BR	SEA	/UZB	
11830	1830-1915	We D	Deutsche Welle	A	ME	n	
11830	1500-1530	Su-Th G	BBC	A	ME	/MDG	
11830	0510-0530	J	NHK Radio Japan	K	FE	y	
11830	0610-0630	J	NHK Radio Japan	M	FE	y	
11830	0630-0650	J	NHK Radio Japan	K	FE	y	
11840	0000-2400	irr B	Rádio Onda Sul, Paraná	P	B	xx	
11850	0000-1000	CHN	China National Radio 1	M	CHN	n	
11850	0700-0800	irr F	TDF DIGITAL	F	NEu	i	
11850	1400-1500	irr F	TDF DIGITAL	F	WEu	i	
11850	1600-1700	irr F	TDF DIGITAL	F	NEu	i	
11850	1700-1800	irr F	TDF DIGITAL	F	NEu	i	
11850	1300-1400	USA	Adventist World Radio	M	FE	/GUM-a	
11860	0130-0230	CHN	China Radio Int.	NE	FE	k	
11860	0300-0600	CHN	Xizang RTV	M	CHN	t	
11860	0600-0900	We-Mo	CHN Xizang RTV	M	CHN	t	
11860	1600-2100	USA	Radio Marti	S	CUB	g	
11865	1045-1215	CHN	CNR1 Jammer/Firedrake	M	FE		
11865	0900-1030	IND	AIR Akashvani Ext.Sce	NE	NPL	d	
11865	1045-1215	IND	AIR Akashvani Ext.Sce	TB	Tib	d	
11865	1155-1210	irr	IND AIR Akashvani Ext.Sce	E	Tib	d	
11870	0200-0300	CHN	China Radio Int.	TAM	SAs	ka	
11870	0600-0700	CHN	China Radio Int.	E	ME	ka	
11870	1940-2000	Su	CVA Radio Vaticana	Ros	WAF		
11870	2000-2030	CVA	Radio Vaticana	E	WAF		
11870	2030-2100	CVA	Radio Vaticana	F	WAF		
11870	2100-2130	CVA	Radio Vaticana	P	WAF		

11875	1230-1245	Mo,Th	AUS Reach Beyond Australia	BE SIn	ku
11875	1230-1245	Sa	AUS Reach Beyond Australia	CHG SIn	ku
11875	1230-1245	Tu	AUS Reach Beyond Australia	KUR SIn	ku
11875	1230-1245	Su	AUS Reach Beyond Australia	TAM SIn	ku
11875	1230-1245	We	AUS Reach Beyond Australia	TEL SIn	ku
11875	1230-1245	Fr	AUS Reach Beyond Australia	UR SIn	ku
11875	1245-1300	1345	AUS Reach Beyond Australia	E SIn	ku
11875	1245-1300	267	AUS Reach Beyond Australia	TAM SIn	ku
11875	1300-1315		AUS Reach Beyond Australia	TAM SIn	ku
11875	1315-1330		AUS Reach Beyond Australia	KOR SIn	ku
11875	1330-1400		AUS Reach Beyond Australia	E SIn	ku
11875	0700-0800		CHN China Radio Int.	M SEA	n
11875	1100-1200		CHN China Radio Int.	CC SEA	k
11875	0700-0730		F Radio France Int.	MAN Waf	i
11880	1400-1500		CHN China Radio Int.	E Eu	ka
11880	1445-1500	Mo	SWZ Trans World Radio	SO EAf	
11880	1500-1530		SWZ Trans World Radio	SO EAf	
11880	1530-1545	Su	SWZ Trans World Radio	SO EAf	
11885	0900-1200		CHN CNR1 Jammer/Firedrake	M FE	f
11885	0200-0300		CHN PBS Xinjiang	UI CHN	uc
11885	0300-0800		CHN PBS Xinjiang	UI CHN	uc
11885	0800-1100	We-Mo	CHN PBS Xinjiang	UI CHN	uc
11885	1100-1200		CHN PBS Xinjiang	UI CHN	uc
11885	1200-1400		CHN PBS Xinjiang	UI CHN	uc
11885	1400-1800		CHN PBS Xinjiang	UI CHN	uc
11885	2300-0200		CHN PBS Xinjiang	UI CHN	uc
11885	1000-1100		TWN Radio Taiwan Int.	M FE	p
11885	1100-1200		TWN Radio Taiwan Int.	M FE	p
11885	1600-1630		VTN Voice of Vietnam	E Eu	s
11885	1630-1700		VTN Voice of Vietnam	R Eu	s
11885	1700-1800		VTN Voice of Vietnam	VN Eu	s
11885	1800-1830		VTN Voice of Vietnam	S Eu	s
11885	1830-1900		VTN Voice of Vietnam	D Eu	s
11885	1900-1930		VTN Voice of Vietnam	E Eu	s
11885	1930-2000		VTN Voice of Vietnam	F Eu	s
11885	2000-2030		VTN Voice of Vietnam	D Eu	s
11885	2030-2100		VTN Voice of Vietnam	F Eu	s
11885	2100-2130		VTN Voice of Vietnam	S Eu	s
11885	2130-2200		VTN Voice of Vietnam	E Eu	s
11895	0500-0600		CHN China Radio Int.	E SAs	ka
11895	0600-0700		CHN China Radio Int.	E SAs	ka
11895	0700-0900		CHN China Radio Int.	E SAs	ka
11895	0900-1000		CHN China Radio Int.	M SEA	n
11900	0000-0100		CHN China Radio Int.	M FE	b
11900	1300-1400		CHN China Radio Int.	E Oc	k
11900	1600-1730		IND AIR Akashvani Ext.Sce	FS IRN	b
11900	1635-1650	irr	IND AIR Akashvani Ext.Sce	E IRN	b
11900	1730-1930		IND AIR Akashvani Ext.Sce	A ME	b

11900	1820-1835 irr	IND AIR Akashvani Ext.Sce	E ME	b
11900	1930-2030	IND AIR Akashvani Ext.Sce	F Eu	b
11900	2000-2015 irr	IND AIR Akashvani Ext.Sce	E Eu	b
11905	1030-1045 Tu-Th	AUS Reach Beyond Australia	K FE	ku
11905	1030-1100 Fr-Mo	AUS Reach Beyond Australia	K FE	ku
11905	1045-1100 Tu-Th	AUS Reach Beyond Australia	E FE	ku
11905	0100-0200	CHN China National Radio 6	AM TWN	B
11905	0200-0500	CHN China National Radio 6	AM TWN	B
11905	0500-0600	CHN China National Radio 6	HK TWN	B
11905	0600-0900 Th-Tu	CHN China National Radio 6	HK TWN	B
11910	1200-1300	CHN China Radio Int.	AM PHL	b
11910	1300-1400	CHN China Radio Int.	E PHL	b
11910	1400-1500 irr	F TDF DIGITAL	F WEu	i
11910	1800-1900	KRE Voice of Korea	F SAf	u
11910	1900-2000	KRE Voice of Korea	E SAf	u
11910	2000-2050	KRE Voice of Korea KCBS	K SAf	u
11915	0030-0600	CHN CNR 2 China Business R.	M CHN	as
11915	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M CHN	as
11915	0900-1000	CHN CNR 2 China Business R.	M CHN	as
11915	1000-1100	TWN Radio Taiwan Int.	IN INS	p
11925	0600-0700	CHN China Radio Int.	E PHL	n
11930	1600-2100	USA Radio Marti	S CUB	g
11935	0000-0600	CHN CNR5 Cross-Strait Radio	M TWN	B
11935	0600-0900 Th-Tu	CHN CNR5 Cross-Strait Radio	M TWN	B
11940	1400-1430	CLA Radio NUG	BR MYA	/TWN-p
11945	0100-0200	CHN China Radio Int.	AM SEA	k
11945	2300-2400	CHN China Radio Int.	CA SEA	k
11945	1700-1900	J NHK Radio Japan	J SAf	/F-i
11945	1300-1330	ROU Radio Romania Int.	A ME	g
11950	0300-0600	CHN Xizang RTV	M CHN	t
11950	0600-0900 We-Mo	CHN Xizang RTV	M CHN	t
11950	2200-2300	CUB Radio Habana Cuba	S Car	
11950	2300-2400	CUB Radio Habana Cuba	S Car	
11955	1130-1200	CHN China Radio Int.	TAG PHL	k
11955	1200-1230	CHN China Radio Int.	TAG PHL	k
11955	1230-1330	CHN China Radio Int.	ML INS	k
11955	1330-1430	CHN China Radio Int.	IN INS	k
11955	1000-1100	TUR Voice of Turkey	A ME	e
11955	2200-0100	J NHK Radio Japan	J FE	y
11965	1130-1145	AUS Reach Beyond Australia	ROH INS	ku
11965	1300-1800 irr	F TDF DIGITAL	F SEu	i
11965	1800-1830	G BBC	F MDG	w
11965	2000-2100	MDG MWV African Pathways R.	E CAf	m
11965	0930-0945 Sa	USA Trans World Radio	JV INS	/AUS-ku
11965	0930-1000 Su	USA Trans World Radio	IN INS	/AUS-ku
11965	0930-1000 Mo-Fr	USA Trans World Radio	MAD INS	/AUS-ku
11965	0945-1030 Sa	USA Trans World Radio	IN INS	/AUS-ku
11965	1000-1015 Su	USA Trans World Radio	BAL INS	/AUS-ku

11965	1000-1030 Mo-Fr	USA Trans World Radio	SUN INS	/AUS-ku
11965	1015-1030 Su	USA Trans World Radio	MAD INS	/AUS-ku
11965	1030-1046 Su-Fr	USA Trans World Radio	E SEA	/AUS-ku
11965	1030-1100 Sa	USA Trans World Radio	IN SNG	/AUS-ku
11965	1045-1100 Su	USA Trans World Radio	E SEA	/AUS-ku
11965	1100-1115 Sa	USA Trans World Radio	ML SNG	/AUS-ku
11970	0100-0600	CHN CNR 2 China Business R.	M CHN	x
11970	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M CHN	x
11970	0930-1000	TUR Voice of Turkey	I SEu	e
11970	0000-0100	TWN Sound of Hope	M FE	
11970	0100-0200	TWN Sound of Hope	M FE	
11970	0200-1200	TWN Sound of Hope	M FE	
11970	1200-1300	TWN Sound of Hope	M FE	
11970	1300-1400	TWN Sound of Hope	M FE	
11970	1400-1500	TWN Sound of Hope	M FE	
11970	2130-2200	TWN Sound of Hope	M FE	
11970	2200-2300	TWN Sound of Hope	M FE	
11970	2300-2400	TWN Sound of Hope	M FE	
11975	0000-0100	CHN China Radio Int.	M INS	k
11975	2130-2230	CHN China Radio Int.	F NAf	/MLI
11975	2200-1700	CHN CNR1 Jammer/Firedrake	M FE	
11975	0305-0530	CHN PBS Xinjiang	KG CHN	uc
11975	1005-1230	CHN PBS Xinjiang	KG CHN	uc
11975	1630-1700	ROU Radio Romania Int.	A NAf	g
11975	0000-0100	TWN Sound of Hope	M FE	
11975	0100-0200	TWN Sound of Hope	M FE	
11975	0200-1200	TWN Sound of Hope	M FE	
11975	1200-1300	TWN Sound of Hope	M FE	
11975	1300-1400	TWN Sound of Hope	M FE	
11975	1400-1500	TWN Sound of Hope	M FE	
11975	1500-1600	TWN Sound of Hope	M FE	
11975	1600-1700	TWN Sound of Hope	M FE	
11975	2100-2130	TWN Sound of Hope	M FE	
11975	2130-2200	TWN Sound of Hope	M FE	
11975	2200-2300	TWN Sound of Hope	M FE	
11975	2300-2400	TWN Sound of Hope	M FE	
11980	0100-0200	CHN China Radio Int.	AM SEA	k
11980	0200-0300	CHN China Radio Int.	R CAs	x
11980	0900-1100	CHN China Radio Int.	M SEA	k
11980	1100-1200	CHN China Radio Int.	M SAs	ka
11980	1200-1300	CHN China Radio Int.	E SEA	k
11980	1300-1400	CHN China Radio Int.	E SEA	k
11980.6	0000-2400	PTR NAU US Navy	-TY NAm	i
11990	0000-0100	CHN China Radio Int.	KH SEA	n
11990	1100-1200	CHN China Radio Int.	VN SEA	x
11990	2100-1600	CHN CNR1 Jammer/Firedrake	M FE	
11990	0000-0100	TWN Sound of Hope	M FE	
11990	0100-0200	TWN Sound of Hope	CA FE	

11990	0200-1200	TWN Sound of Hope	M	FE	
11990	1200-1300	TWN Sound of Hope	M	FE	
11990	1300-1400	TWN Sound of Hope	M	FE	
11990	1400-1500	TWN Sound of Hope	M	FE	
11990	1500-1600	TWN Sound of Hope	M	FE	
11990	2100-2130	TWN Sound of Hope	M	FE	
11990	2130-2200	TWN Sound of Hope	M	FE	
11990	2200-2300	TWN Sound of Hope	M	FE	
11990	2300-2400	TWN Sound of Hope	M	FE	
11995	0600-0630	F Radio France Int.	HA	Waf	i
11995	1900-2000	F Radio France Int.	F	Waf	i
11995	2000-2100	F Radio France Int.	F	Waf	i
11995	2100-2200	F Radio France Int.	F	Waf	i
11995	1400-1500	G BBC	DR	AFG	/OMA-a
11995	1500-1600	G BBC	PS	AFG	/OMA-a
11995	1600-1630	G BBC	DR	AFG	/OMA-a
11995	1630-1700 SaSu	G BBC	DR	AFG	/OMA-a
11995	1630-1700 Mo-Fr	G BBC	PS	AFG	/OMA-a
12010	0000-0100	CHN China National Radio 6	AM	TWN	n
12010	0100-0200	CHN China National Radio 6	AM	TWN	n
12010	2155-2400	CHN China National Radio 6	AM	TWN	n
12010	1900-1930 Su	USA Follow the Bible Min.	E	Saf	/ASC
12015	1100-1300	CHN China Radio Int.	E	SAs	ka
12015	1300-1400	KRE Voice of Korea	E	Eu	u
12015	1400-1500	KRE Voice of Korea	F	Eu	u
12015	1500-1600	KRE Voice of Korea	E	Eu	u
12015	1600-1700	KRE Voice of Korea	F	Eu	u
12015	1700-1750	KRE Voice of Korea KCBS	K	Eu	u
12015	1800-1900	KRE Voice of Korea	E	Eu	u
12015	1900-2000	KRE Voice of Korea	S	Eu	u
12015	2000-2100	KRE Voice of Korea	F	Eu	u
12015	2100-2200	KRE Voice of Korea	E	Eu	u
12015	2200-2300	KRE Voice of Korea	S	Eu	u
12015	2300-2350	KRE Voice of Korea KCBS	K	Eu	u
12015	1300-1330	MNG Voice of Mongolia	J	As	u
12015	1330-1400	MNG Voice of Mongolia	MO	As	u
12015	1400-1430	MNG Voice of Mongolia	M	As	u
12015	1430-1500	MNG Voice of Mongolia	E	As	u
12015	1500-1530	MNG Voice of Mongolia	J	As	u
12015	1530-1600	MNG Voice of Mongolia	E	As	u
12015	0000-2400	USA NSS US Navy	-TY	NAm	a
12020	1030-1100	VTN Voice of Vietnam	IN	INS	s
12020	1100-1130	VTN Voice of Vietnam	J	FE	s
12020	1130-1200	VTN Voice of Vietnam	E	FE	s
12020	1200-1230	VTN Voice of Vietnam	J	FE	s
12020	1300-1330	VTN Voice of Vietnam	IN	INS	s
12020	1330-1400	VTN Voice of Vietnam	E	FE	s
12020	1400-1430	VTN Voice of Vietnam	J	FE	s

12020	1430-1500	VTN Voice of Vietnam	IN INS	s
12020	2300-2330	VTN Voice of Vietnam	IN INS	s
12030	1500-2300	SaSu E Radio Exterior España	S ME	n
12030	1600-1900	Mo-Fr E Radio Exterior España	S ME	n
12030	1900-2100	Mo-Fr E Radio Exterior España	S ME	n
12030	2100-2130	Fr E Radio Exterior España	A ME	n
12030	2100-2130	Tu-Th E Radio Exterior España	S ME	n
12030	2100-2130	Mo E Radio Exterior España	SEF ME	n
12030	2130-2200	Mo E Radio Exterior España	M ME	n
12030	2130-2200	Tu-Fr E Radio Exterior España	S ME	n
12030	2200-2300	Mo-Fr E Radio Exterior España	S ME	n
12030	2300-2330	Th E Radio Exterior España	P ME	n
12030	2300-2330	Sa E Radio Exterior España	R ME	n
12030	2300-2330	157 E Radio Exterior España	S ME	n
12030	2300-2400	We E Radio Exterior España	E ME	n
12030	2300-2400	Tu E Radio Exterior España	F ME	n
12030	2330-2400	Th-Mo E Radio Exterior España	S ME	n
12030	0000-1200	irr HOL Radio Delta Int.	NL Eu	e
12040	2000-2100	J NHK Radio Japan	J Oc	y
12045	0000-0600	CHN China National Radio 1	M CHN	b
12045	0600-0900	We-Mo CHN China National Radio 1	M CHN	b
12045	0900-1100	CHN China National Radio 1	M CHN	b
12045	1330-1357	CLA Furusato no Kaze	J KRE	/UZB
12045	1300-1330	CLA Nippon no Kaze	K KRE	/UZB
12050	0700-0800	TCD Radio Ndarason Int.	KNU Waf	/ASC
12050	1800-1900	TCD Radio Ndarason Int.	KNU Waf	/G-w
12050	1900-2100	TCD Radio Ndarason Int.	KNU Waf	/ASC
12050	1400-0600	irr USA WEWN EWTN Catholic R.	S LAm	b
12055	0600-0800	We-Mo CHN China National Radio 17	KZ CHN	L
12055	0800-0900	We-Mo CHN China National Radio 17	M CHN	L
12055	0900-1200	CHN China National Radio 17	KZ CHN	L
12055	2355-0600	CHN China National Radio 17	KZ CHN	L
12055	0015-0045	PHL FEBC Manila	LAH SEA	b
12055	0045-0100	PHL FEBC Manila	WA SEA	b
12055	2300-2330	Mo-Fr PHL FEBC Manila	SHA SEA	b
12055	2330-2345	PHL FEBC Manila	PAL SEA	b
12055	2345-0015	PHL FEBC Manila	TL SEA	b
12065	1000-1030	CHN CNR1 Jammer/Firedrake	M FE	a
12065	1200-1500	Sa G BBC	SO Eaf	/OMA-a
12065	1200-1630	SaSu G BBC	SO Eaf	/OMA-a
12065	1630-1900	SaSu G BBC	SO Eaf	/UAE
12065	0900-1000	TWN Radio Taiwan Int.	AM INS	p
12065	1000-1030	TWN Radio Taiwan Int.	CA INS	p
12065	1030-1100	TWN Radio Taiwan Int.	HK INS	p
12067	0845-0855	Mo,We POL E11 Polish Spy Numbers	E	p
12070	1130-1200	CHN China Radio Int.	TAG PHL	n
12070	2300-0100	HKG FEBC Radio Liangyou 1	M FE	/PHL-i
12080	0200-0600	CHN CNR 2 China Business R.	M CHN	as

12080	0600-0900	Th-Tu CHN CNR 2 China Business R.	M	CHN	as
12080	0900-1000	CHN CNR 2 China Business R.	M	CHN	as
12080	1200-1400	G BBC	E	SAs	/OMA-a
12085	1200-1900	HOL Radio Delta Int.	NL	Eu	e
12085	0900-0930	MNG Voice of Mongolia	E	FE	u
12085	0930-1000	MNG Voice of Mongolia	MO	FE	u
12085	1000-1030	MNG Voice of Mongolia	M	FE	u
12085	1030-1100	MNG Voice of Mongolia	J	J	u
12095	0300-0330	G BBC	PS	AFG	/OMA-a
12095	0600-0629	G BBC	F	CAf	/ASC
12095	0629-0700	G BBC	HA	Waf	/ASC
12095	0700-0729	G BBC	F	Waf	/ASC
12095	1400-1500	Mo-Fr G BBC	SO	Eaf	/OMA-a
12095	1500-1530	Mo-Fr G BBC	E	Eaf	/OMA-a
12095	1500-1700	Sa G BBC	E	Eaf	/OMA-a
12095	1530-1700	Mo-Fr G BBC	E	Eaf	/OMA-a
12095	1630-1830	Su G BBC	E	Eaf	/OMA-a
12095	1730-1750	Mo-Fr G BBC	AH	Eaf	/OMA-a
12095	1750-1810	Mo-Fr G BBC	OO	Eaf	/OMA-a
12095	1810-1830	Mo-Fr G BBC	TIG	Eaf	/OMA-a
12095	1830-1850	Mo-Fr G BBC	AH	Eaf	/OMA-a
12095	1850-1910	Mo-Fr G BBC	OO	Eaf	/OMA-a
12095	1910-1930	Mo-Fr G BBC	TIG	Eaf	/OMA-a
12095	1000-1030	Mo-Fr PHL FEBC Manila		HMW SEA	b
12095	1030-1100	PHL FEBC Manila	TL	SEA	b
12095	1100-1130	SaSu PHL FEBC Manila		HMB SEA	b
12095	1100-1130	Mo-Fr PHL FEBC Manila		HMW SEA	b
12095	1130-1200	PHL FEBC Manila	LAO	SEA	b
12095	1200-1230	PHL FEBC Manila	MIE	SEA	b
12095	1230-1245	PHL FEBC Manila	ACH	SEA	b
12095	1245-1300	PHL FEBC Manila	BT	SEA	b
12095	1300-1330	PHL FEBC Manila	HMQ	SEA	b
12095	1330-1400	PHL FEBC Manila	KHM	SEA	b
12095	2230-2330	Mo-Fr PHL FEBC Manila		HMW SEA	b
12095	2300-2330	SaSu PHL FEBC Manila		HMB SEA	b
12105	1200-1230	Sa USA Trans World R. DIGITAL	M	FE	/UZB
12105	1230-1300	Sa USA Trans World R. DIGITAL	J	FE	/UZB
12120	1300-1330	HKG FEBC Radio Liangyou	LIS	SEA	/PHL-b
12120	1200-1215	PHL FEBC Manila	RWG	SEA	b
12120	1215-1245	PHL FEBC Manila	AK	SEA	b
12120	1245-1300	PHL FEBC Manila	C-D	SEA	b
12120	1330-1400	PHL FEBC Manila	BR	SEA	b
12120	0000-2400	PTR NAU US Navy	-TY	NAm	i
12120	0030-0100	Mo-Fr USA Trans World Radio	E	FE	/PHL-b
12137	1540-1550	Tu,Fr RUS E07 Russian Spy Numbers	E	RUS	m
12150	2130-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
12150.1	0000-0100	TWN Sound of Hope	M	FE	
12150.1	0100-0200	TWN Sound of Hope	M	FE	

12150.1	0200-1200	TWN Sound of Hope	M	FE	
12150.1	1200-1300	TWN Sound of Hope	M	FE	
12150.1	1300-1400	TWN Sound of Hope	M	FE	
12150.1	1400-1500	TWN Sound of Hope	M	FE	
12150.1	1500-1600	TWN Sound of Hope	M	FE	
12150.1	1600-1700	TWN Sound of Hope	M	FE	
12150.1	2130-2200	TWN Sound of Hope	M	FE	
12150.1	2200-2300	TWN Sound of Hope	M	FE	
12150.1	2300-2400	TWN Sound of Hope	M	FE	
12153	0505-0515	Tu,Th POL E11 Polish Spy Numbers	E		p
12160	0000-0100	TWN Sound of Hope	M	FE	
12160	0100-0200	TWN Sound of Hope	M	FE	
12160	0200-1200	TWN Sound of Hope	M	FE	
12160	1200-1300	TWN Sound of Hope	M	FE	
12160	1300-1400	TWN Sound of Hope	M	FE	
12160	1400-1500	TWN Sound of Hope	M	FE	
12160	1500-1600	TWN Sound of Hope	M	FE	
12160	2100-2130	TWN Sound of Hope	M	FE	
12160	2130-2200	TWN Sound of Hope	M	FE	
12160	2200-2300	TWN Sound of Hope	M	FE	
12160	2300-2400	TWN Sound of Hope	M	FE	
12160	0900-0930	Mo-Fr USA Trans World Radio	M	FE	/PHL-b
12160	0930-0945	USA Trans World Radio	M	FE	/PHL-b
12160	0945-1000	Mo-Fr USA Trans World Radio	M	FE	/PHL-b
12160	1600-2100	USA WWCR 2 Nashville, TN	E	NAm	n
12190	2200-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
12190	0000-0100	TWN Sound of Hope	M	FE	
12190	0100-0200	TWN Sound of Hope	M	FE	
12190	0200-1200	TWN Sound of Hope	M	FE	
12190	1200-1300	TWN Sound of Hope	M	FE	
12190	1300-1400	TWN Sound of Hope	M	FE	
12190	1400-1500	TWN Sound of Hope	M	FE	
12190	1500-1600	TWN Sound of Hope	CA	FE	
12190	2200-2300	TWN Sound of Hope	M	FE	
12190	2300-2400	TWN Sound of Hope	M	FE	
12210	2100-1500	CHN CNR1 Jammer/Firedrake	M	CHN	
12210	0000-0100	TWN Sound of Hope	M	FE	
12210	0100-0200	TWN Sound of Hope	M	FE	
12210	0200-1200	TWN Sound of Hope	M	FE	
12210	1200-1300	TWN Sound of Hope	M	FE	
12210	1300-1400	TWN Sound of Hope	M	FE	
12210	1400-1500	TWN Sound of Hope	M	FE	
12210	2100-2130	TWN Sound of Hope	M	FE	
12210	2130-2200	TWN Sound of Hope	M	FE	
12210	2200-2300	TWN Sound of Hope	M	FE	
12210	2300-2400	TWN Sound of Hope	M	FE	
12230	2130-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
12230	0000-0100	TWN Sound of Hope	M	FE	

12230	0100-0200	TWN Sound of Hope	M	FE	
12230	0200-1200	TWN Sound of Hope	M	FE	
12230	1200-1300	TWN Sound of Hope	M	FE	
12230	1300-1400	TWN Sound of Hope	M	FE	
12230	1400-1500	TWN Sound of Hope	M	FE	
12230	1500-1600	TWN Sound of Hope	M	FE	
12230	1600-1700	TWN Sound of Hope	M	FE	
12230	2130-2200	TWN Sound of Hope	M	FE	
12230	2200-2300	TWN Sound of Hope	M	FE	
12230	2300-2400	TWN Sound of Hope	M	FE	
12280	0000-0100	TWN Sound of Hope	M	FE	
12280	0100-0200	TWN Sound of Hope	M	FE	
12280	0200-1200	TWN Sound of Hope	M	FE	
12280	1200-1300	TWN Sound of Hope	M	FE	
12280	1300-1400	TWN Sound of Hope	M	FE	
12280	1400-1500	TWN Sound of Hope	M	FE	
12280	2130-2200	TWN Sound of Hope	M	FE	
12280	2200-2300	TWN Sound of Hope	M	FE	
12280	2300-2400	TWN Sound of Hope	M	FE	
12345	0000-0100	TWN Sound of Hope	M	FE	
12345	0100-0200	TWN Sound of Hope	M	FE	
12345	0200-1200	TWN Sound of Hope	M	FE	
12345	1200-1300	TWN Sound of Hope	M	FE	
12345	1300-1400	TWN Sound of Hope	M	FE	
12345	1400-1500	TWN Sound of Hope	M	FE	
12345	2130-2200	TWN Sound of Hope	M	FE	
12345	2200-2300	TWN Sound of Hope	M	FE	
12345	2300-2400	TWN Sound of Hope	M	FE	
12350	1230-1300	USA WCY Marine Weather Ctr	E	ENA	LL
12350	1330-1400	USA WCY Marine Weather Ctr	E	CAM	LL
12350	2200-2230	USA WCY Marine Weather Ctr	E	Car	LL
12356	0303-0340	NZL ZLM Taupo Maritime R.	E	Oc	t
12356	0903-0940	NZL ZLM Taupo Maritime R.	E	Oc	t
12356	1503-1540	NZL ZLM Taupo Maritime R.	E	Oc	t
12356	2103-2145	NZL ZLM Taupo Maritime R.	E	Oc	t
12359	0803-0813	VTN Da Nang Radio XVT	VN	SEA	dn
12359	1803-1813	VTN Da Nang Radio XVT	VN	SEA	dn
12359	0133-0143	VTN Hai Phong Radio XVG	VN	SEA	hp
12359	0733-0743	VTN Hai Phong Radio XVG	VN	SEA	hp
12359	0933-0943	VTN Hai Phong Radio XVG	VN	SEA	hp
12359	1533-1543	VTN Hai Phong Radio XVG	VN	SEA	hp
12359	1733-1743	VTN Hai Phong Radio XVG	VN	SEA	hp
12359	2333-2343	VTN Hai Phong Radio XVG	VN	SEA	hp
12359	0833-0843	VTN Ho Chi Minh City R.XVS	VN	SEA	vt
12359	1833-1843	VTN Ho Chi Minh City R.XVS	E	SEA	vt
12362	1000-2300	AUS VMW Wiluna WA	E	AUS	w
12362	2300-1000	AUS VMW Wiluna WA	E	AUS	w
12365	0800-2100	AUS VMC Charleville QL	E	AUS	c

12365	2100-0800	AUS VMC Charleville QL	E	AUS	c	
12365	0000-0100	TWN Sound of Hope	M	FE		
12365	0100-0200	TWN Sound of Hope	M	FE		
12365	0200-1200	TWN Sound of Hope	M	FE		
12365	1200-1300	TWN Sound of Hope	M	FE		
12365	1300-1400	TWN Sound of Hope	M	FE		
12365	1400-1500	TWN Sound of Hope	M	FE		
12365	1500-1600	TWN Sound of Hope	M	FE		
12365	2100-2130	TWN Sound of Hope	M	FE		
12365	2130-2200	TWN Sound of Hope	M	FE		
12365	2200-2300	TWN Sound of Hope	M	FE		
12365	2300-2400	TWN Sound of Hope	M	FE		
12375.5	0000-0540	CHN XSQ Guangzhou Meteo Fax	E	FE		gx
12375.5	0815-0840 irr	CHN XSQ Guangzhou Meteo Fax	E	FE		gx
12375.5	1225-1715	CHN XSQ Guangzhou Meteo Fax	E	FE		gx
12375.5	2015-2040 irr	CHN XSQ Guangzhou Meteo Fax	E	FE		gx
12382	0000-0155	CHN XSG Shanghai Radio Fax	M	FE		sh
12382	0230-0655	CHN XSG Shanghai Radio Fax	M	FE		sh
12382	0730-1030	CHN XSG Shanghai Radio Fax	M	FE		sh
12382	1425-1450	CHN XSG Shanghai Radio Fax	M	FE		sh
12382	2025-2050	CHN XSG Shanghai Radio Fax	M	FE		sh
12412.5	0340-0610	ALS NOJ Fax Kodiak		WNA		k
12412.5	0950-1210	ALS NOJ Fax Kodiak		WNA		k
12412.5	1540-1820	ALS NOJ Fax Kodiak		WNA		k
12412.5	2150-0030	ALS NOJ Fax Kodiak		WNA		k
12430	2100-1700	CHN CNR1 Jammer/Firedrake	M	CHN		
12430	0000-0100	TWN Sound of Hope	M	FE		
12430	0100-0200	TWN Sound of Hope	M	FE		
12430	0200-1200	TWN Sound of Hope	M	FE		
12430	1200-1300	TWN Sound of Hope	M	FE		
12430	1300-1400	TWN Sound of Hope	M	FE		
12430	1400-1500	TWN Sound of Hope	M	FE		
12430	1500-1600	TWN Sound of Hope	M	FE		
12430	1600-1700	TWN Sound of Hope	M	FE		
12430	2100-2130	TWN Sound of Hope	M	FE		
12430	2130-2200	TWN Sound of Hope	M	FE		
12430	2200-2300	TWN Sound of Hope	M	FE		
12430	2300-2400	TWN Sound of Hope	M	FE		
12500	2130-1700	CHN CNR1 Jammer/Firedrake	M	CHN		
12500	0000-0100	TWN Sound of Hope	M	FE		
12500	0100-0200	TWN Sound of Hope	M	FE		
12500	0200-1200	TWN Sound of Hope	M	FE		
12500	1200-1300	TWN Sound of Hope	M	FE		
12500	1300-1400	TWN Sound of Hope	M	FE		
12500	1400-1500	TWN Sound of Hope	M	FE		
12500	1500-1600	TWN Sound of Hope	M	FE		
12500	1600-1700	TWN Sound of Hope	M	FE		
12500	2130-2200	TWN Sound of Hope	M	FE		

12500	2200-2300	TWN Sound of Hope	M	FE	
12500	2300-2400	TWN Sound of Hope	M	FE	
12549.5	2100-1700	TWN Sound of Hope	CA	FE	
12557	0000-2400	TUR TAH Turk Radio Istanbul	-TY	ME	is
12580.5	0000-2400	CHN XSV Tianjin Radio	-TY	FE	tj
12581.5	0000-2400	CHN XSV Tianjin Radio	-TY	FE	tj
12585.5	1800-0100	Sa USA MRHS KPH Bolinas, CA	-TY	WNA	pr
12603.5	0000-2400	GRC SVO Olimpia Radio	-TY	SEu	o
12624	0000-2400	TUR TAH Turk Radio Istanbul	-CW	ME	is
12629	0000-2400	TUR TAH Turk Radio Istanbul	-CW	ME	is
12637.5	0000-2400	CHN XSG Shanghai Radio	-TY	FE	sh
12648.5	0000-2400	CHN XSQ Guangzhou Radio	-TY	FE	gx
12654	0000-2400	TUR TAH Turk Radio Istanbul	-CW	ME	is
12695.5	1800-0100	Sa USA MRHS KFS Bolinas, CA	-CW	WNA	pr
12700	0000-2400	CHN XSQ Guangzhou Radio x30	M	FE	gx
12709	0230-0245	B PWZ33 Rio d.J.Naval Wx	P	B	rw
12709	0400-0415	B PWZ33 Rio d.J.Naval Wx	P	B	rw
12709	0600-0615	B PWZ33 Rio d.J.Naval Wx	P	B	rw
12709	1430-1445	B PWZ33 Rio d.J.Naval Wx	P	B	rw
12709	1845-1900	B PWZ33 Rio d.J.Naval Wx	P	B	rw
12709	2130-2145	B PWZ33 Rio d.J.Naval Wx	P	B	rw
12750	1400-1600	USA NMF Fax Boston MA	ENA		bo
12750	1720-2251	USA NMF Fax Boston MA	ENA		bo
12775	0000-0100	TWN Sound of Hope	M	FE	
12775	0100-0200	TWN Sound of Hope	M	FE	
12775	0200-1200	TWN Sound of Hope	M	FE	
12775	1200-1300	TWN Sound of Hope	M	FE	
12775	1300-1400	TWN Sound of Hope	M	FE	
12775	2130-2200	TWN Sound of Hope	M	FE	
12775	2200-2300	TWN Sound of Hope	M	FE	
12775	2300-2400	TWN Sound of Hope	M	FE	
12786	0140-0415	USA NMC Fax Pt Reyes CA	WNA		pr
12786	0655-1015	USA NMC Fax Pt Reyes CA	WNA		pr
12786	1120-1235	USA NMC Fax Pt Reyes CA	WNA		pr
12786	1400-1615	USA NMC Fax Pt Reyes CA	WNA		pr
12786	1820-1840	USA NMC Fax Pt Reyes CA	WNA		pr
12786	1840-2215	USA NMC Fax Pt Reyes CA	WNA		pr
12786	2320-2400	USA NMC Fax Pt Reyes CA	WNA		pr
12788	0330-0410	USA NMG USCG New Orleans	E	NAm	nm
12788	0515-0550	USA NMG USCG New Orleans	E	NAm	nm
12788	0930-1015	USA NMG USCG New Orleans	E	NAm	nm
12788	1115-1150	USA NMG USCG New Orleans	E	NAm	nm
12788	1530-1605	USA NMG USCG New Orleans	E	NAm	nm
12788	1715-1750	USA NMG USCG New Orleans	E	NAm	nm
12788	2130-2245	USA NMG USCG New Orleans	E	NAm	nm
12788	2315-2350	USA NMG USCG New Orleans	E	NAm	nm
12789.9	0000-0305	USA NMG Fax New Orleans	Car		nm
12789.9	0600-0855	USA NMG Fax New Orleans	Car		nm

12789.9	1200-1505	USA NMG Fax New Orleans	Car	nm	
12789.9	1800-2105	USA NMG Fax New Orleans	Car	nm	
12795	2130-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
12795	0000-0100	TWN Sound of Hope	M	FE	
12795	0100-0200	TWN Sound of Hope	M	FE	
12795	0200-1200	TWN Sound of Hope	M	FE	
12795	1200-1300	TWN Sound of Hope	M	FE	
12795	1300-1400	TWN Sound of Hope	M	FE	
12795	1400-1500	TWN Sound of Hope	M	FE	
12795	1500-1600	TWN Sound of Hope	M	FE	
12795	2130-2200	TWN Sound of Hope	M	FE	
12795	2200-2300	TWN Sound of Hope	M	FE	
12795	2300-2400	TWN Sound of Hope	M	FE	
12808.5	1800-0100 Sa	USA MRHS KPH Bolinas, CA	-CW WNA		pr
12820	2130-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
12820	0000-0100	TWN Sound of Hope	M	FE	
12820	0100-0200	TWN Sound of Hope	M	FE	
12820	0200-1200	TWN Sound of Hope	M	FE	
12820	1200-1300	TWN Sound of Hope	M	FE	
12820	1300-1400	TWN Sound of Hope	M	FE	
12820	1400-1500	TWN Sound of Hope	M	FE	
12820	1500-1600	TWN Sound of Hope	M	FE	
12820	2130-2200	TWN Sound of Hope	M	FE	
12820	2200-2300	TWN Sound of Hope	M	FE	
12820	2300-2400	TWN Sound of Hope	M	FE	
12822	0000-2400	CHN XSV Tianjin Radio	-TY FE		tj
12835	0000-0100	TWN Sound of Hope	M	FE	
12835	0100-0200	TWN Sound of Hope	M	FE	
12835	0200-1200	TWN Sound of Hope	M	FE	
12835	1200-1300	TWN Sound of Hope	M	FE	
12835	2200-2300	TWN Sound of Hope	M	FE	
12835	2300-2400	TWN Sound of Hope	M	FE	
12840	0000-2400	HOL PBB Navy Den Helder	-TY Eu		cg
12843	0000-0900	KOR HLO Seoul Radio	-CW FE		
12843	0900-2400	KOR HLO Seoul Radio	-CW FE		
12856	0000-2400	CHN XSG Shanghai Radio	-TY FE		sh
12865	0000-0100	TWN Sound of Hope	M	FE	
12865	0100-0200	TWN Sound of Hope	M	FE	
12865	0200-1200	TWN Sound of Hope	M	FE	
12865	1200-1300	TWN Sound of Hope	M	FE	
12865	1300-1400	TWN Sound of Hope	M	FE	
12865	1400-1500	TWN Sound of Hope	M	FE	
12865	1500-1600	TWN Sound of Hope	M	FE	
12865	2130-2200	TWN Sound of Hope	M	FE	
12865	2200-2300	TWN Sound of Hope	M	FE	
12865	2300-2400	TWN Sound of Hope	M	FE	
12870	0000-0100	TWN Sound of Hope	M	FE	
12870	0100-0200	TWN Sound of Hope	M	FE	

12870	0200-1200	TWN Sound of Hope	M	FE	
12870	1200-1300	TWN Sound of Hope	M	FE	
12870	1300-1400	TWN Sound of Hope	M	FE	
12870	1400-1500	TWN Sound of Hope	M	FE	
12870	1500-1600	TWN Sound of Hope	M	FE	
12870	2130-2200	TWN Sound of Hope	M	FE	
12870	2200-2300	TWN Sound of Hope	M	FE	
12870	2300-2400	TWN Sound of Hope	M	FE	
12880	2130-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
12880	0000-0100	TWN Sound of Hope	M	FE	
12880	0100-0200	TWN Sound of Hope	M	FE	
12880	0200-1200	TWN Sound of Hope	M	FE	
12880	1200-1300	TWN Sound of Hope	M	FE	
12880	1300-1400	TWN Sound of Hope	M	FE	
12880	1400-1500	TWN Sound of Hope	M	FE	
12880	1500-1600	TWN Sound of Hope	M	FE	
12880	1600-1700	TWN Sound of Hope	M	FE	
12880	2130-2200	TWN Sound of Hope	M	FE	
12880	2200-2300	TWN Sound of Hope	M	FE	
12880	2300-2400	TWN Sound of Hope	M	FE	
12916.5	0000-0900	KOR HLF Seoul Radio	-CW	FE	
12916.5	0900-2400	KOR HLF Seoul Radio	-CW	FE	
12920	0000-0100	TWN Sound of Hope	M	FE	
12920	0100-0200	TWN Sound of Hope	M	FE	
12920	0200-1200	TWN Sound of Hope	M	FE	
12920	1200-1300	TWN Sound of Hope	M	FE	
12920	1300-1400	TWN Sound of Hope	M	FE	
12920	1400-1500	TWN Sound of Hope	M	FE	
12920	1500-1600	TWN Sound of Hope	M	FE	
12920	1600-1700	TWN Sound of Hope	M	FE	
12920	2200-2300	TWN Sound of Hope	M	FE	
12920	2300-2400	TWN Sound of Hope	M	FE	
12923	0000-0900	KOR HLW Seoul Radio	-CW	FE	
12923	0900-2400	KOR HLW Seoul Radio	-CW	FE	
12924	1745-1755	Mo,Su POL E11 Polish Spy Numbers	E		p
12935	0000-0900	KOR HLG Seoul Radio	-CW	FE	
12935	0900-2400	KOR HLG Seoul Radio	-CW	FE	
12950	0000-0100	TWN Sound of Hope	M	FE	
12950	0100-0200	TWN Sound of Hope	M	FE	
12950	0200-1200	TWN Sound of Hope	M	FE	
12950	1200-1300	TWN Sound of Hope	M	FE	
12950	1300-1400	TWN Sound of Hope	M	FE	
12950	1400-1500	TWN Sound of Hope	M	FE	
12950	2130-2200	TWN Sound of Hope	M	FE	
12950	2200-2300	TWN Sound of Hope	M	FE	
12950	2300-2400	TWN Sound of Hope	M	FE	
13020	2100-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
13019.8	0000-0100	TWN Sound of Hope	M	FE	

13019.8	0100-0200	TWN Sound of Hope	M	FE	
13019.8	0200-1200	TWN Sound of Hope	M	FE	
13019.8	1200-1300	TWN Sound of Hope	M	FE	
13019.8	1300-1400	TWN Sound of Hope	M	FE	
13019.8	1400-1500	TWN Sound of Hope	M	FE	
13019.8	1500-1600	TWN Sound of Hope	M	FE	
13019.8	1600-1700	TWN Sound of Hope	M	FE	
13019.8	2100-2130	TWN Sound of Hope	M	FE	
13019.8	2130-2200	TWN Sound of Hope	M	FE	
13019.8	2200-2300	TWN Sound of Hope	M	FE	
13019.8	2300-2400	TWN Sound of Hope	M	FE	
13070	2200-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
13070.1	0000-0100	TWN Sound of Hope	M	FE	
13070.1	0100-0200	TWN Sound of Hope	M	FE	
13070.1	0200-1200	TWN Sound of Hope	M	FE	
13070.1	1200-1300	TWN Sound of Hope	M	FE	
13070.1	1300-1400	TWN Sound of Hope	M	FE	
13070.1	1400-1500	TWN Sound of Hope	M	FE	
13070.1	1500-1600	TWN Sound of Hope	M	FE	
13070.1	1600-1700	TWN Sound of Hope	M	FE	
13070.1	2200-2300	TWN Sound of Hope	M	FE	
13070.1	2300-2400	TWN Sound of Hope	M	FE	
13074	0020-0035	J JFX Kagoshima Fish.Fax	WOc	m	
13074	0110-0125	Mo J JFX Kagoshima Fish.Fax	WOc	m	
13074	0330-0345	J JFX Kagoshima Fish.Fax	WOc	m	
13074	0440-0455	irr J JFX Kagoshima Fish.Fax	WOc	m	
13074	0700-0715	Tu,Fr J JFX Kagoshima Fish.Fax	WOc	m	
13074	0730-0745	Tu,Fr J JFX Kagoshima Fish.Fax	WOc	m	
13074	0830-0845	J JFX Kagoshima Fish.Fax	WOc	m	
13074	0930-0945	J JFX Kagoshima Fish.Fax	WOc	m	
13083	0000-2400	S Stockholm Radio	E NEu	gr	
13089	0330-0415	GUM NRV USCG Guam	E WOc		
13089	2130-2215	GUM NRV USCG Guam	E WOc		
13089	0005-0040	HWA NMO USCG Honolulu	E Oc	nm	
13089	1800-1835	HWA NMO USCG Honolulu	E Oc	nm	
13089	0430-0505	USA NMC USCG Point Reyes	E NAm	pr	
13089	1030-1105	USA NMC USCG Point Reyes	E NAm	pr	
13089	1630-1705	USA NMC USCG Point Reyes	E NAm	pr	
13089	2230-2305	USA NMC USCG Point Reyes	E NAm	pr	
13089	1115-1215	USA NMN USCG Chesapeake	E NAm	ch	
13089	1530-1630	USA NMN USCG Chesapeake	E NAm	ch	
13089	1715-1815	USA NMN USCG Chesapeake	E NAm	ch	
13089	2130-2230	USA NMN USCG Chesapeake	E NAm	ch	
13089	2315-0015	USA NMN USCG Chesapeake	E NAm	ch	
13092	0000-2400	CHN XSV Tianjin Radio	M FE	tj	
13101	0640-2240	EST Tallinn Radio	E NEu	ta	
13101	2240-0640	EST Tallinn Radio	E NEu	ta	
13107	0000-2400	CHN XSQ Guangzhou Radio	M FE	gx	

13119	0000-2400	S Stockholm Radio	E NEu	gr
13122	0000-2400	CHN XSV Tianjin Radio	M FE	tj
13128	0955-1020	TUR TAH Turk Radio Istanbul	TU ME	is
13128	1020-1030	TUR TAH Turk Radio Istanbul	E ME	is
13128	1100-1130	TUR TAH Turk Radio Istanbul	TU ME	is
13128	1700-1730	TUR TAH Turk Radio Istanbul	TU ME	is
13128	1755-1820	TUR TAH Turk Radio Istanbul	TU ME	is
13128	1820-1840	TUR TAH Turk Radio Istanbul	E ME	is
13131	0000-2400	S Stockholm Radio	E NEu	gr
13134	1145-1245	GRC SVO Olimpia Radio	GR SEu	o
13134	1945-2000	GRC SVO Olimpia Radio	GR SEu	o
13137	0000-2400	I Romaradio IAR	I SEu	r
13140	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
13146	1815-1845	AFS ZSC Cape Town Radio	E SAf	ct
13146	0830-0900	MCO 3AC Radio Monaco	F,E SEu	/F-ma
13146	0930-0940	MCO 3AC Radio Monaco	F,E NAO	/F-ma
13146	1000-1005	MCO 3AC Radio Monaco	E NAO	/F-ma
13146	1120-1130	MCO 3AC Radio Monaco	F,E NAO	/F-ma
13146	1303-1330	MCO 3AC Radio Monaco	F,E SEu	/F-ma
13146	1830-1900	MCO 3AC Radio Monaco	F,E SEu	/F-ma
13149	0000-2400	CHN XSQ Guangzhou Radio	M FE	gx
13149	0000-2400	USA KLN Riverhead Radio	E ENA	rh
13152	0000-2400	S Stockholm Radio	E NEu	gr
13158	0000-2400	USA KPH Rio Vista, CA	E WNA	rv
13158	0000-2400	USA WLO Mobile Radio	E Car	mo
13160	2200-1700	CHN CNR1 Jammer/Firedrake	M CHN	
13160	0000-0100	TWN Sound of Hope	M FE	
13160	0100-0200	TWN Sound of Hope	M FE	
13160	0200-1200	TWN Sound of Hope	M FE	
13160	1200-1300	TWN Sound of Hope	M FE	
13160	1300-1400	TWN Sound of Hope	M FE	
13160	1400-1500	TWN Sound of Hope	M FE	
13160	1500-1600	TWN Sound of Hope	M FE	
13160	1600-1700	TWN Sound of Hope	M FE	
13160	2200-2300	TWN Sound of Hope	M FE	
13160	2300-2400	TWN Sound of Hope	M FE	
13173	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
13182	0000-2400	CHN XSQ Guangzhou Radio	M FE	gx
13191	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
13229	0000-2400	PTR NAU US Navy	-TY NAm	i
13261	0000-2400	AUS Brisbane Radio	E Oc	ae
13261	0000-2400	FJI Nadi Radio	E Oc	n
13261	0000-2400	NZL Auckland Radio	E Oc	a
13261	0000-2400	OCE Tahiti Radio	E Oc	fa
13261	0000-2400	USA San Francisco Radio	SP E Oc	/HWA-m
13264	0000-2400	IRL Shannon Volmet	E Eu	s
13264	0000-2400	PNR Albrook HFDL (ID11)	-HF CAm	al
13267	0000-2400	RUS Irkutsk Volmet x25,x55	R Sib	iv

13270	0000-2400	THA Hat Yai HFDL (ID6)	-HF SEA	hy
13276	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m
13276	0000-2400	USA Riverhead HFDL (ID4)	-HF ENA	rh
13276	0000-2400	USA San Francisco HFDL (ID1)	-HF WNA	dx
13282	0000-2400	HKG Hongkong Volmet x15,x45	E FE	a
13282	0000-2400	J Tokyo Volmet x10,x40	E FE	tv
13282	0000-2400	NZL Auckland Volmet x20,x50	E FE	a
13285	0000-2400 LSB	CHN Beijing Volmet x15,x45	E FE	
13285	0000-0745 USB	CHN Guangzhou Volmet x00,30	E FE	
13288	0000-2400	USA San Francisco Radio CEP	E EOc	dx
13291	0000-2400	CAN Gander Radio F	E NAO	g
13291	0000-2400	IRL Shannon Aeradio B	E NAO	s
13291	0000-2400	IRL Shannon Aeradio F	E NAO	s
13297	0000-2400	TRD Piarco Radio CAR-B	E Car	
13297	0000-2400	USA New York Radio	E Car	bg
13300	0000-2400	USA San Francisco Radio CWP	E WOc	/GUM-b
13300	0000-2400	USA San Francisco Radio CWP	E WOc	/HWA-m
13303	0000-2400	CNR Canarias HFDL (ID17)	-HF Waf	gc
13306	0000-2400	AUS Brisbane Radio	E Oc	ae
13306	1000-2100	AZR Santa Maria Radio A	E NAO	sm
13306	0000-2400	CAN Gander Radio A	E NAO	g
13306	0000-2400	IRL Shannon Aeradio A	E NAO	s
13306	0000-2400	IRL Shannon Aeradio C	E NAO	s
13306	0000-2400	ISL Iceland Radio C	E NAO	
13306	0000-2400	USA New York Radio	E NAO	bg
13312	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF ME	m
13312	0000-2400	GUM Agana Guam HFDL (ID16)	-HF WOc	h
13312	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m
13315	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF SAm	sz
13321	0000-2400	AFS Johannesburg HFDL (ID8)	-HF SAF	j
13324	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m
13339	0000-2400	USA San Francisco Radio NP	E NOc	/ALS-ba
13339	0000-2400	USA San Francisco Radio NP	E NOc	/HWA-m
13342	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF FE	m
13342	0600-1800	S Stockholm Radio (Air)	E Eu	gr
13342	1800-0600	S Stockholm Radio (Air)	E Eu	gr
13348	0000-2400	USA New York Radio	E NAO	bg
13348	0000-2400	USA San Francisco R. LDOC	E Oc	dx
13351	0000-2400	NZL Auckland HFDL (ID5)	-HF SOc	a
13354	0000-2400	AZR Santa Maria Radio E	E NAO	sm
13354	0000-2400	USA New York Radio	E NAO	bg
13354	0000-2400	USA San Francisco Radio CEP	E EOc	dx
13357	0000-2400	SEN Dakar Radio	E Waf	y
13363	1430-1440 Tu,Sa	POL E11 Polish Spy Numbers	E	p
13417.8	0600-1800	F FUG French Navy FSK	F Eu	sa
13417.8	1800-0600	F FUG French Navy FSK	F Eu	sa
13470	2100-1500	CHN CNR1 Jammer/Firedrake	M CHN	
13470	0000-0100	TWN Sound of Hope	M FE	

13470	0100-0200	TWN Sound of Hope	M	FE	
13470	0200-1200	TWN Sound of Hope	M	FE	
13470	1200-1300	TWN Sound of Hope	M	FE	
13470	1300-1400	TWN Sound of Hope	M	FE	
13470	1400-1500	TWN Sound of Hope	M	FE	
13470	2130-2200	TWN Sound of Hope	M	FE	
13470	2200-2300	TWN Sound of Hope	M	FE	
13470	2300-2400	TWN Sound of Hope	M	FE	
13495	2200-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
13495	0000-0100	TWN Sound of Hope	M	FE	
13495	0100-0200	TWN Sound of Hope	M	FE	
13495	0200-1200	TWN Sound of Hope	M	FE	
13495	1200-1300	TWN Sound of Hope	M	FE	
13495	1300-1400	TWN Sound of Hope	M	FE	
13495	1400-1500	TWN Sound of Hope	M	FE	
13495	1500-1600	TWN Sound of Hope	M	FE	
13495	1600-1700	TWN Sound of Hope	M	FE	
13495	2200-2300	TWN Sound of Hope	M	FE	
13495	2300-2400	TWN Sound of Hope	M	FE	
13510	1000-2200	CAN CFH Halifax Radio	-TY	NAm	hx
13525	0000-2400 irr	B Rádio Tury	P	B	xx
13527.7	0000-2400	RUS Channel Marker D	-CW	EEu	se
13527.8	0000-2400	RUS Channel Marker P	-CW	RUS	kl
13527.9	0000-2400	RUS Channel Marker S	-CW	RUS	sm
13528	0000-2400	RUS Channel Marker C	-CW	RUS	m
13528.1	0000-2400	RUS Channel Marker A	-CW	RUS	as
13528.2	0000-2400	RUS Channel Marker F	-CW	FE	vl
13528.3	0000-2400	RUS Channel Marker K	-CW	FE	pk
13528.4	0000-2400	RUS Channel Marker M	-CW	FE	mg
13530	2100-1600	CHN CNR1 Jammer/Firedrake	M	FE	
13530	0000-0100	TWN Sound of Hope	M	FE	
13530	0100-0200	TWN Sound of Hope	M	FE	
13530	0200-1200	TWN Sound of Hope	M	FE	
13530	1200-1300	TWN Sound of Hope	M	FE	
13530	1300-1400	TWN Sound of Hope	M	FE	
13530	1400-1500	TWN Sound of Hope	M	FE	
13530	1500-1600	TWN Sound of Hope	M	FE	
13530	2100-2130	TWN Sound of Hope	M	FE	
13530	2130-2200	TWN Sound of Hope	M	FE	
13530	2200-2300	TWN Sound of Hope	M	FE	
13530	2300-2400	TWN Sound of Hope	M	FE	
13537	1520-1530 Tu,Fr	RUS E07 Russian Spy Numbers	E	RUS	m
13550	0000-0100	TWN Sound of Hope	M	FE	
13550	0100-0200	TWN Sound of Hope	M	FE	
13550	0200-1200	TWN Sound of Hope	M	FE	
13550	1200-1300	TWN Sound of Hope	M	FE	
13550	1300-1400	TWN Sound of Hope	M	FE	
13550	1400-1500	TWN Sound of Hope	M	FE	

13550	1500-1600	TWN Sound of Hope	M	FE	
13550	2100-2130	TWN Sound of Hope	M	FE	
13550	2130-2200	TWN Sound of Hope	M	FE	
13550	2200-2300	TWN Sound of Hope	M	FE	
13550	2300-2400	TWN Sound of Hope	M	FE	
13555	0000-2400 irr	B Rádio Cidade Oldies	P	SAm	xx
13560	1600-1800 irr	F TDF DIGITAL	F	SAs	i
13560	0000-2400	XUU RFID devices			/XUU
13570	0300-0400	CHN China Radio Int.	E	Sib	x
13570	0400-0500	CHN China Radio Int.	E	Sib	x
13570	0500-0600	CHN China Radio Int.	M	Sib	x
13570	0600-0700	CHN China Radio Int.	M	Sib	x
13570	1200-1400	CHN China Radio Int.	F	SEu	ka
13570	0000-1200	KOR HLL Seoul Meteo Fax		FE	sg
13580	0000-0100	CHN China Radio Int.	M	SEA	b
13580	0100-0200	CHN China Radio Int.	M	SEA	b
13580	1100-1200	CHN China Radio Int.	CA	Oc	k
13580	1557-1657 Su	SWZ Trans World Radio		KiR EAf	
13590	0300-0400	CHN China Radio Int.	E	FE	b
13590	0400-0500	CHN China Radio Int.	E	FE	b
13590	1000-1100	CHN China Radio Int.	E	SEA	b
13590	2200-1700	CHN CNR1 Jammer/Firedrake	M	FE	
13590	0000-0100	TWN Sound of Hope	M	FE	
13590	0100-0200	TWN Sound of Hope	M	FE	
13590	0200-1200	TWN Sound of Hope	M	FE	
13590	1200-1300	TWN Sound of Hope	M	FE	
13590	1300-1400	TWN Sound of Hope	M	FE	
13590	1400-1500	TWN Sound of Hope	M	FE	
13590	1500-1600	TWN Sound of Hope	M	FE	
13590	1600-1700	TWN Sound of Hope	M	FE	
13590	2200-2300	TWN Sound of Hope	M	FE	
13590	2300-2400	TWN Sound of Hope	M	FE	
13600	0300-0400	CHN China Radio Int.	TAM	SAs	k
13600	1400-1500	ROU Radio Romania Int.	R	CAs	t
13605	1700-1800 irr	F TDF DIGITAL	F	Waf	i
13610	0600-0900 We-Mo	CHN China National Radio 1	M	CHN	n
13610	0900-1300	CHN China National Radio 1	M	CHN	n
13610	2300-0600	CHN China National Radio 1	M	CHN	n
13610	0700-0800	CHN China Radio Int.	CA	FE	x
13610	0800-0900	CHN China Radio Int.	M	FE	x
13630	0030-1130	CHN China National Radio 1	M	CHN	n
13630	1930-2000	CHN China Radio Int.	P	Eaf	/MLI
13630	2000-2100	CHN China Radio Int.	E	Eaf	/MLI
13630	2100-2130	CHN China Radio Int.	E	Eaf	/MLI
13630	2130-2230	CHN China Radio Int.	F	Eaf	/MLI
13630	2100-1300	CHN CNR1 Jammer/Firedrake	M	FE	
13630	0000-0100	TWN Sound of Hope	M	FE	
13630	0100-0200	TWN Sound of Hope	M	FE	

13630	0200-1200	TWN Sound of Hope	M	FE	
13630	1200-1300	TWN Sound of Hope	M	FE	
13630	2100-2130	TWN Sound of Hope	M	FE	
13630	2130-2200	TWN Sound of Hope	M	FE	
13630	2200-2300	TWN Sound of Hope	M	FE	
13630	2300-2400	TWN Sound of Hope	M	FE	
13635	1330-1430	TUR Voice of Turkey	E	WEu	e
13640	1900-0300	ALG Ifrikyia FM	A	CAf	b
13640	2005-2030 irr	ALG Ifrikyia FM	E	CAf	b
13640	0400-0500	CHN China Radio Int.	M	SAs	ka
13640	2200-1600	CHN CNR1 Jammer/Firedrake	M	FE	
13640	0800-0900 irr	F TDF DIGITAL	F	NEu	i
13640	1500-1600	ROU Radio Romania Int.	D	WEu	t
13640	1430-1500	TUR Voice of Turkey	KZ	CAs	e
13640	0000-0100	TWN Sound of Hope	M	FE	
13640	0100-0200	TWN Sound of Hope	M	FE	
13640	0200-1200	TWN Sound of Hope	M	FE	
13640	1200-1300	TWN Sound of Hope	M	FE	
13640	1300-1400	TWN Sound of Hope	M	FE	
13640	1400-1500	TWN Sound of Hope	M	FE	
13640	1500-1600	TWN Sound of Hope	M	FE	
13640	2200-2300	TWN Sound of Hope	M	FE	
13640	2300-2400	TWN Sound of Hope	M	FE	
13645	0600-0700	CHN China Radio Int.	E	SEA	x
13645	1700-1800	CHN China Radio Int.	SWA	EAF	/MLI
13645	1800-1830	CHN China Radio Int.	HA	NIG	/MLI
13650	0800-0900	CHN China Radio Int.	M	CAs	x
13650	0900-1000	CHN China Radio Int.	M	CAs	x
13650	2300-2400	CHN China Radio Int.	P	SAm	/CUB
13650	1300-1400 Tu,Th	D Music 4 Joy DIGITAL	FE		n
13650	0300-0400	KRE Voice of Korea	M	SEA	u
13650	0400-0500	KRE Voice of Korea	F	SEA	u
13650	0500-0600	KRE Voice of Korea	E	SEA	u
13650	0600-0700	KRE Voice of Korea	M	SEA	u
13655	0000-0100	CHN China Radio Int.	M	FE	x
13655	0100-0200	CHN China Radio Int.	M	FE	x
13655	0200-0300	CHN China Radio Int.	M	FE	x
13655	0300-0400	CHN China Radio Int.	M	FE	x
13655	0400-0500	CHN China Radio Int.	CA	FE	x
13655	0500-0600	CHN China Radio Int.	CA	FE	x
13655	0600-0700	CHN China Radio Int.	M	FE	x
13655	1130-1200	TUR Voice of Turkey	UZ	CAs	e
13660	0700-0800	CHN China Radio Int.	E	SEA	x
13670	0200-0500	CHN China National Radio 6	AM	TWN	n
13670	0500-0600	CHN China National Radio 6	HK	TWN	n
13670	0600-0900 Th-Tu	CHN China National Radio 6	HK	TWN	n
13670	0900-1000	CHN China National Radio 6	HK	TWN	n
13670	2100-1500	CHN CNR1 Jammer/Firedrake	M	FE	

13670	0200-0300	CHN PBS Xinjiang	UI CHN	uc
13670	0300-0800	CHN PBS Xinjiang	UI CHN	uc
13670	0800-1100	We-Mo CHN PBS Xinjiang	UI CHN	uc
13670	1100-1200	CHN PBS Xinjiang	UI CHN	uc
13670	1200-1400	CHN PBS Xinjiang	UI CHN	uc
13670	1800-1900	MDG MWV African Pathways R.	E CAf	m
13670	1900-2000	MDG MWV Radio Feda	A ME	m
13670	0000-0100	TWN Sound of Hope	M FE	
13670	0100-0200	TWN Sound of Hope	M FE	
13670	0200-1200	TWN Sound of Hope	M FE	
13670	1200-1300	TWN Sound of Hope	M FE	
13670	1300-1400	TWN Sound of Hope	M FE	
13670	1400-1500	TWN Sound of Hope	M FE	
13670	2100-2130	TWN Sound of Hope	M FE	
13670	2130-2200	TWN Sound of Hope	M FE	
13670	2200-2300	TWN Sound of Hope	M FE	
13670	2300-2400	TWN Sound of Hope	M FE	
13680	0000-1000	CHN China National Radio	M CHN	s
13680	2200-1300	CHN CNR1 Jammer/Firedrake	M FE	
13680	1630-1700	ROU Radio Romania Int.	A ME	t
13680	0000-0100	TWN Sound of Hope	M FE	
13680	0100-0200	TWN Sound of Hope	M FE	
13680	0200-1200	TWN Sound of Hope	M FE	
13680	1200-1300	TWN Sound of Hope	M FE	
13680	2130-2200	TWN Sound of Hope	M FE	
13680	2200-2300	TWN Sound of Hope	M FE	
13680	2300-2400	TWN Sound of Hope	M FE	
13685	1300-1400	CHN China Radio Int.	F EAF	/MLI
13685	1430-1500	CHN China Radio Int.	E EAF	/MLI
13685	1500-1600	CHN China Radio Int.	E EAF	/MLI
13685	1830-1930	CHN China Radio Int.	A NAF	/MLI
13690	1200-1300 irr	F TDF DIGITAL	F SEu	i
13690	0500-0600 Sa	G BBC	KNK EAF	/CVA
13690	0529-0600 Su	G BBC	KNK EAF	/CVA
13690	1400-1500	ROU Radio Romania Int.	R CAs	t
13700	0200-0600	CHN China National Radio 13	UI CHN	L
13700	0600-0900 We-Mo	CHN China National Radio 13	UI CHN	L
13700	0900-1000	CHN China National Radio 13	M CHN	L
13700	1000-1100	CHN China National Radio 13	UI CHN	L
13705	0000-0020	J NHK Radio Japan	IN SEA	y
13705	2310-2330	J NHK Radio Japan	T SEA	y
13705	2330-2340 Mo-Fr	J NHK Radio Japan	VN SEA	y
13705	2330-2351 SaSu	J NHK Radio Japan	VN SEA	y
13705	0030-0050 Tu-Sa	J NHK Radio Japan	BR SEA	y
13705	0030-0059 Su-Mo	J NHK Radio Japan	BR SEA	y
13710	1500-1600	CHN China Radio Int.	TU ME	k
13710	1600-1700	CHN China Radio Int.	TU ME	k
13710	0800-0900	CHN CNR1 DIGITAL	M Oc	k

13710	0730-0800	F Radio France Int.	FU Waf	i
13710	2000-2100	MDG MWV Radio Feda	A ME	m
13715	0400-0500	CHN CNR1 DIGITAL	M Oc	k
13720	1000-1100	CHN China Radio Int.	E SEA	x
13720	1100-1200	CHN China Radio Int.	E SEA	x
13720	1300-1400	CHN China Radio Int.	F SEu	ka
13725	1430-1450	J NHK Radio Japan	FS IRN	/F-i
13730	0300-0400	CHN China Radio Int.	TAM SAs	ka
13730	0100-0300	CHN CNR1 DIGITAL	M Oc	k
13730	0500-0900	CHN CNR1 DIGITAL	M Oc	k
13730	2130-1500	CHN CNR1 Jammer/Firedrake	M FE	
13730	1800-1900 Tu,Th D	Music 4 Joy DIGITAL	EAF	n
13730.1	0000-0100	TWN Sound of Hope	M FE	
13730.1	0100-0200	TWN Sound of Hope	M FE	
13730.1	0200-1200	TWN Sound of Hope	M FE	
13730.1	1200-1300	TWN Sound of Hope	M FE	
13730.1	1300-1400	TWN Sound of Hope	M FE	
13730.1	1400-1500	TWN Sound of Hope	M FE	
13730.1	2130-2200	TWN Sound of Hope	M FE	
13730.1	2200-2300	TWN Sound of Hope	M FE	
13730.1	2300-2400	TWN Sound of Hope	M FE	
13740	0700-0730	F Radio France Int.	HA Waf	i
13740	1800-1900	F Radio France Int.	F Waf	i
13740	1900-2000	F Radio France Int.	F CAf	i
13740	0930-1100	TUR Voice of Turkey	FS IRN	e
13750	0600-0700	CHN China Radio Int.	M INS	k
13750	0700-0800	CHN China Radio Int.	M INS	k
13750	0600-0630	ROU Radio Romania Int.	F Waf	t
13755	0559-0958	NZL RNZ Pacific	E Oc	r
13755	0959-1258 Mo-Fr	NZL RNZ Pacific	E WOc	r
13755	0959-1258 SaSu	NZL RNZ Pacific	E Oc	r
13760	1300-1400 irr	F TDF DIGITAL	F WEu	i
13760	0300-0400	KRE Voice of Korea	S LAm	u
13760	0400-0500	KRE Voice of Korea	E LAm	u
13760	0500-0600	KRE Voice of Korea	S LAm	u
13760	0600-0700	KRE Voice of Korea	F LAm	u
13760	0700-0900	KRE Voice of Korea	R Eu	u
13760	0200-0400	MDG MWV New Life Station	E IND	m
13770	0000-0100	CHN China Radio Int.	VN SEA	x
13770	0100-1100	CHN CNR 7 Greater Bay Area	CA CHN	ka
13770	1100-1805	CHN CNR 7 Greater Bay Area	CA CHN	ka
13775	0000-0100	TWN Sound of Hope	M FE	
13775	0100-0200	TWN Sound of Hope	M FE	
13775	0200-1200	TWN Sound of Hope	M FE	
13775	1200-1300	TWN Sound of Hope	M FE	
13775	1300-1400	TWN Sound of Hope	M FE	
13775	1400-1500	TWN Sound of Hope	M FE	
13775	2130-2200	TWN Sound of Hope	M FE	

13775	2200-2300	TWN Sound of Hope	M	FE	
13775	2300-2400	TWN Sound of Hope	M	FE	
13780	0130-0230	CHN China Radio Int.	NE	FE	k
13780	0230-0330	CHN China Radio Int.	NE	FE	k
13780	1400-1600	CUB Radio Habana Cuba	S	Car	b
13780	2130-2200	CUB Radio Habana Cuba	S	Car	b
13780	2200-2300	CUB Radio Habana Cuba	S	Car	b
13780	2300-2400	CUB Radio Habana Cuba	S	Car	b
13790	1200-1300	CHN China Radio Int.	E	Eu	u
13790	1300-1400	CHN China Radio Int.	E	Eu	u
13790	0000-1000	CHN CNR1 DIGITAL	M	CHN	qq
13790	2130-1600	CHN CNR1 Jammer/Firedrake	M	FE	
13790	0400-0430	Mo-Fr G BBC	SO	Eaf	/UAE
13790	1800-1830	G BBC	F	CAf	/MDG
13790	0000-0100	TWN Sound of Hope	M	FE	
13790	0100-0200	TWN Sound of Hope	M	FE	
13790	0200-1200	TWN Sound of Hope	M	FE	
13790	1200-1300	TWN Sound of Hope	M	FE	
13790	1300-1400	TWN Sound of Hope	M	FE	
13790	1400-1500	TWN Sound of Hope	M	FE	
13790	2130-2200	TWN Sound of Hope	M	FE	
13790	2200-2300	TWN Sound of Hope	M	FE	
13790	2300-2400	TWN Sound of Hope	M	FE	
13800	0000-0100	CHN China Radio Int.	E	SAs	ka
13800	0100-0200	CHN China Radio Int.	E	SAs	ka
13800	0300-0400	CHN China Radio Int.	E	SAs	ka
13800	1630-1700	ROU Radio Romania Int.	A	ME	t
13800	1802-1832	Sa SWZ Trans World Radio	JU	Eaf	
13800	1802-1902	Mo-Fr SWZ Trans World Radio	A	Eaf	
13800	1905-1935	SWZ Trans World Radio	LIN	COD	
13800	1935-1950	Sa SWZ Trans World Radio	F	COD	
13800	1935-2005	Mo-Fr SWZ Trans World Radio	LIN	COD	
13810	1200-1400	CHN China Radio Int.	M	ME	ka
13810	0300-0400	CHN CNR1 DIGITAL	M	Oc	k
13820	1600-2100	USA Radio Marti	S	CUB	g
13825	0100-0900	CHN CNR1 DIGITAL	M	FE	b
13825	1000-1030	CHN CNR1 Jammer/Firedrake	M	FE	u
13825	1300-1400	G BBC	E	SAs	/OMA-a
13825	1000-1030	TWN Radio Taiwan Int.	CA	SEA	p
13825	1030-1100	TWN Radio Taiwan Int.	HK	SEA	p
13830	1530-1600	CVA Radio Vaticana	AH	Eaf	
13830	1600-1615	Sa CVA Radio Vaticana	SWA	Eaf	/MDG
13830	1600-1630	Su-Mo CVA Radio Vaticana	SWA	Eaf	/MDG
13830	1615-1630	Sa CVA Radio Vaticana	SO	Eaf	/MDG
13830	1630-1700	CVA Radio Vaticana	E	Eaf	/MDG
13830	1700-1730	CVA Radio Vaticana	F	CAf	
13830	1730-1800	CVA Radio Vaticana	TIG	Eaf	
13830	1800-2100	24Dec D NDR Gruß an Bord	D	SAO	n

13835	1000-1200	CHN CNR1 DIGITAL	M	CHN	qq
13840	2130-1400	CHN CNR1 Jammer/Firedrake	M	FE	
13840	1859-2058 Su-Fr	NZL RNZ Pacific DIGITAL	E	Oc	r
13840	0000-0100	TWN Sound of Hope	M	FE	
13840	0100-0200	TWN Sound of Hope	M	FE	
13840	0200-1200	TWN Sound of Hope	M	FE	
13840	1200-1300	TWN Sound of Hope	M	FE	
13840	1300-1400	TWN Sound of Hope	M	FE	
13840	2130-2200	TWN Sound of Hope	M	FE	
13840	2200-2300	TWN Sound of Hope	M	FE	
13840	2300-2400	TWN Sound of Hope	M	FE	
13845	1300-0100	USA WWCR 3 Nashville, TN	E	NAm	n
13845	1400-1430 Su	USA WWCR 3 Nashville, TN	L	NAm	n
13850	0900-1100	CHN China Radio Int.	M	SEA	b
13855	1900-0100	ALG Ifrikyia FM	A	Waf	o
13855	2005-2030 irr	ALG Ifrikyia FM	E	Waf	o
13855	1300-1400	CHN China Radio Int.	M	Eu	ka
13863	0400-0410 Th	RUS E06 Russian Spy Numbers	E	RUS	c
13870	2130-1500	CHN CNR1 Jammer/Firedrake	M	CHN	
13870	0100-0130 Mo-Fr	PHL FEBC Manila	BR	SEA	b
13870	0130-0145 Fr-Su	PHL FEBC Manila	SHT	SEA	b
13870	1000-1030 Mo-Fr	PHL FEBC Manila	SHA	SEA	b
13870	1030-1100 Mo-Fr	PHL FEBC Manila	MIE	SEA	b
13870	1100-1300	PHL FEBC Manila	KH	SEA	b
13870	0000-0100	TWN Sound of Hope	M	FE	
13870	0100-0200	TWN Sound of Hope	M	FE	
13870	0200-1200	TWN Sound of Hope	M	FE	
13870	1200-1300	TWN Sound of Hope	M	FE	
13870	1300-1400	TWN Sound of Hope	M	FE	
13870	1400-1500	TWN Sound of Hope	M	FE	
13870	2130-2200	TWN Sound of Hope	M	FE	
13870	2200-2300	TWN Sound of Hope	M	FE	
13870	2300-2400	TWN Sound of Hope	M	FE	
13882.5	0430-0545	D DWD Pinneberg Met Fax	Eu		pi
13882.5	0638-1155	D DWD Pinneberg Met Fax	Eu		pi
13882.5	1236-1551	D DWD Pinneberg Met Fax	Eu		pi
13882.5	1636-1655	D DWD Pinneberg Met Fax	Eu		pi
13882.5	1800-1947	D DWD Pinneberg Met Fax	Eu		pi
13882.5	2035-2300	D DWD Pinneberg Met Fax	Eu		pi
13890	2200-1700	CHN CNR1 Jammer/Firedrake	M	CHN	
13890	0000-0100	TWN Sound of Hope	M	FE	
13890	0100-0200	TWN Sound of Hope	M	FE	
13890	0200-1200	TWN Sound of Hope	M	FE	
13890	1200-1300	TWN Sound of Hope	M	FE	
13890	1300-1400	TWN Sound of Hope	M	FE	
13890	1400-1500	TWN Sound of Hope	M	FE	
13890	1500-1600	TWN Sound of Hope	M	FE	
13890	1600-1700	TWN Sound of Hope	M	FE	

13890	2200-2300	TWN Sound of Hope	M	FE		
13890	2300-2400	TWN Sound of Hope	M	FE		
13908	0745-0755	Tu,Th POL E11 Polish Spy Numbers	E			p
13920	0015-0215	AUS VMC Charleville Met Fax	Oc			c
13920	0245-0330	AUS VMC Charleville Met Fax	Oc			c
13920	0400-0500	AUS VMC Charleville Met Fax	Oc			c
13920	0600-0855	AUS VMC Charleville Met Fax	Oc			c
13920	0900-0955	AUS VMC Charleville Met Fax	Oc			c
13920	1015-1715	AUS VMC Charleville Met Fax	Oc			c
13920	1800-1845	AUS VMC Charleville Met Fax	Oc			c
13920	1915-2045	AUS VMC Charleville Met Fax	Oc			c
13920	2215-2400	AUS VMC Charleville Met Fax	Oc			c
13920	2200-1500	CHN CNR1 Jammer/Firedrake	M	CHN		xz
13920	0000-0100	TWN Sound of Hope	M	FE		
13920	0100-0200	TWN Sound of Hope	M	FE		
13920	0200-1200	TWN Sound of Hope	M	FE		
13920	1200-1300	TWN Sound of Hope	M	FE		
13920	1300-1400	TWN Sound of Hope	M	FE		
13920	1400-1500	TWN Sound of Hope	M	FE		
13920	2200-2300	TWN Sound of Hope	M	FE		
13920	2300-2400	TWN Sound of Hope	M	FE		
13960	2130-1500	CHN CNR1 Jammer/Firedrake	M	FE		
13960	0000-0100	TWN Sound of Hope	M	FE		
13960	0100-0200	TWN Sound of Hope	M	FE		
13960	0200-1200	TWN Sound of Hope	M	FE		
13960	1200-1300	TWN Sound of Hope	M	FE		
13960	1300-1400	TWN Sound of Hope	M	FE		
13960	1400-1500	TWN Sound of Hope	M	FE		
13960	2130-2200	TWN Sound of Hope	M	FE		
13960	2200-2300	TWN Sound of Hope	M	FE		
13960	2300-2400	TWN Sound of Hope	M	FE		
13974	0200-0300	TWN Star-Star Bc.Station	M	CHN		y
13974	0300-0400	TWN Star-Star Bc.Station	M	CHN		y
13974	1100-1200	TWN Star-Star Bc.Station	M	CHN		y
13974	1200-1300	TWN Star-Star Bc.Station	M	CHN		y
13980	2300-1500	CHN CNR1 Jammer/Firedrake	M	FE		
13980	0000-0100	TWN Sound of Hope	M	FE		
13980	0100-0200	TWN Sound of Hope	M	FE		
13980	0200-1200	TWN Sound of Hope	M	FE		
13980	1200-1300	TWN Sound of Hope	M	FE		
13980	1300-1400	TWN Sound of Hope	M	FE		
13980	1400-1500	TWN Sound of Hope	M	FE		
13980	2300-2400	TWN Sound of Hope	M	FE		
13988.5	0000-2400	J JMH Japan Meteo Fax	FE			k
14170	0830-0900	Su AUS VK2WI News Broadcast	E	AUS		du
14170	2300-2400	Sa AUS VK2WI News Broadcast	E	AUS		du
14336	2200-2212	Fr-Su ATA LU1ZV LRA36 Bulletin	S	ATA		e
14336	2300-2312	Fr-Su ATA LU1ZV LRA36 Bulletin	E	ATA		e

14365	0000-2400	CHN BAF Beijing Meteo Fax	FE	bm
14370	2300-1500	CHN CNR1 Jammer/Firedrake	M	CHN
14370	0000-0100	TWN Sound of Hope	M	FE
14370	0100-0200	TWN Sound of Hope	M	FE
14370	0200-1200	TWN Sound of Hope	M	FE
14370	1200-1300	TWN Sound of Hope	M	FE
14370	1300-1400	TWN Sound of Hope	M	FE
14370	1400-1500	TWN Sound of Hope	M	FE
14370	2300-2400	TWN Sound of Hope	M	FE
14398	0310-0320 Mo	RUS E06 Russian Spy Numbers	E	RUS c
14430	2100-1700	CHN CNR1 Jammer/Firedrake	M	CHN
14430	0000-0100	TWN Sound of Hope	M	FE
14430	0100-0200	TWN Sound of Hope	M	FE
14430	0200-1200	TWN Sound of Hope	M	FE
14430	1200-1300	TWN Sound of Hope	M	FE
14430	1300-1400	TWN Sound of Hope	M	FE
14430	1400-1500	TWN Sound of Hope	M	FE
14430	1500-1600	TWN Sound of Hope	M	FE
14430	1600-1700	TWN Sound of Hope	M	FE
14430	2100-2130	TWN Sound of Hope	M	FE
14430	2130-2200	TWN Sound of Hope	M	FE
14430	2200-2300	TWN Sound of Hope	M	FE
14430	2300-2400	TWN Sound of Hope	M	FE
14431	0240-0250 Su	RUS V07 Russian Spy Numbers	S	FE kh
14467.3	0000-2400	D DWD 2 Pinneberg RTTY	E	Eu pi
14560	2200-1500	CHN CNR1 Jammer/Firedrake	M	CHN
14560	0000-0100	TWN Sound of Hope	M	FE
14560	0100-0200	TWN Sound of Hope	M	FE
14560	0200-1200	TWN Sound of Hope	M	FE
14560	1200-1300	TWN Sound of Hope	M	FE
14560	1300-1400	TWN Sound of Hope	M	FE
14560	1400-1500	TWN Sound of Hope	M	FE
14560	2200-2300	TWN Sound of Hope	M	FE
14560	2300-2400	TWN Sound of Hope	M	FE
14580	0000-0100	TWN Sound of Hope	M	FE
14580	0100-0200	TWN Sound of Hope	M	FE
14580	0200-1200	TWN Sound of Hope	M	FE
14580	1200-1300	TWN Sound of Hope	M	FE
14580	1300-1400	TWN Sound of Hope	M	FE
14580	1400-1500	TWN Sound of Hope	M	FE
14580	2200-2300	TWN Sound of Hope	M	FE
14580	2300-2400	TWN Sound of Hope	M	FE
14611	0820-0830 Tu,We	POL E11 Polish Spy Numbers	E	p
14635	2200-1500	CHN CNR1 Jammer/Firedrake	M	FE
14635	0000-0100	TWN Sound of Hope	M	FE
14635	0100-0200	TWN Sound of Hope	M	FE
14635	0200-1200	TWN Sound of Hope	M	FE
14635	1200-1300	TWN Sound of Hope	M	FE

14635	1300-1400	TWN Sound of Hope	M	FE		
14635	1400-1500	TWN Sound of Hope	M	FE		
14635	2200-2300	TWN Sound of Hope	M	FE		
14635	2300-2400	TWN Sound of Hope	M	FE		
14670	0000-2400	CAN CHU Ottawa	-TS NAm		o	
14690	2200-1500	CHN CNR1 Jammer/Firedrake	M	FE		
14690	0000-0100	TWN Sound of Hope	M	FE		
14690	0100-0200	TWN Sound of Hope	M	FE		
14690	0200-1200	TWN Sound of Hope	M	FE		
14690	1200-1300	TWN Sound of Hope	M	FE		
14690	1300-1400	TWN Sound of Hope	M	FE		
14690	1400-1500	TWN Sound of Hope	M	FE		
14690	2200-2300	TWN Sound of Hope	M	FE		
14690	2300-2400	TWN Sound of Hope	M	FE		
14725	0000-0100	TWN Sound of Hope	M	FE		
14725	0100-0200	TWN Sound of Hope	M	FE		
14725	0200-1200	TWN Sound of Hope	M	FE		
14725	1200-1300	TWN Sound of Hope	M	FE		
14725	1300-1400	TWN Sound of Hope	M	FE		
14725	1400-1500	TWN Sound of Hope	M	FE		
14725	1500-1600	TWN Sound of Hope	M	FE		
14725	2200-2300	TWN Sound of Hope	M	FE		
14725	2300-2400	TWN Sound of Hope	M	FE		
14737	1500-1510	Tu,Fr RUS E07 Russian Spy Numbers	E	RUS	m	
14774.8	0000-0100	TWN Sound of Hope	M	FE		
14774.8	0100-0200	TWN Sound of Hope	M	FE		
14774.8	0200-1200	TWN Sound of Hope	M	FE		
14774.8	1200-1300	TWN Sound of Hope	M	FE		
14774.8	1300-1400	TWN Sound of Hope	M	FE		
14774.8	1400-1500	TWN Sound of Hope	M	FE		
14774.8	2200-2300	TWN Sound of Hope	M	FE		
14774.8	2300-2400	TWN Sound of Hope	M	FE		
14800	0000-0100	TWN Sound of Hope	M	FE		
14800	0100-0200	TWN Sound of Hope	M	FE		
14800	0200-1200	TWN Sound of Hope	M	FE		
14800	1200-1300	TWN Sound of Hope	M	FE		
14800	1300-1400	TWN Sound of Hope	M	FE		
14800	1400-1500	TWN Sound of Hope	M	FE		
14800	2130-2200	TWN Sound of Hope	M	FE		
14800	2200-2300	TWN Sound of Hope	M	FE		
14800	2300-2400	TWN Sound of Hope	M	FE		
14820	2100-1500	CHN CNR1 Jammer/Firedrake	M	CHN		
14820.1	0000-0100	TWN Sound of Hope	M	FE		
14820.1	0100-0200	TWN Sound of Hope	M	FE		
14820.1	0200-1200	TWN Sound of Hope	M	FE		
14820.1	1200-1300	TWN Sound of Hope	M	FE		
14820.1	1300-1400	TWN Sound of Hope	M	FE		
14820.1	1400-1500	TWN Sound of Hope	M	FE		

14820.1	2100-2130	TWN Sound of Hope	M	FE	
14820.1	2130-2200	TWN Sound of Hope	M	FE	
14820.1	2200-2300	TWN Sound of Hope	M	FE	
14820.1	2300-2400	TWN Sound of Hope	M	FE	
14870	2200-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
14870.1	0100-0200	TWN Sound of Hope	M	FE	
14870.1	0200-1200	TWN Sound of Hope	M	FE	
14870.1	1200-1300	TWN Sound of Hope	M	FE	
14870.1	1300-1400	TWN Sound of Hope	M	FE	
14870.1	1400-1500	TWN Sound of Hope	M	FE	
14870.1	1500-1600	TWN Sound of Hope	M	FE	
14870.1	2200-2300	TWN Sound of Hope	M	FE	
14870.1	2300-2400	TWN Sound of Hope	M	FE	
14900	0100-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
14900	0100-0200	TWN Sound of Hope	M	FE	
14900	0200-1200	TWN Sound of Hope	M	FE	
14900	1200-1300	TWN Sound of Hope	M	FE	
14900	1300-1400	TWN Sound of Hope	M	FE	
14900	1400-1500	TWN Sound of Hope	CA	FE	
14900	1500-1600	TWN Sound of Hope	M	FE	
14920	2130-1500	CHN CNR1 Jammer/Firedrake	M	CHN	
14920	0000-0100	TWN Sound of Hope	M	FE	
14920	0100-0200	TWN Sound of Hope	M	FE	
14920	0200-1200	TWN Sound of Hope	M	FE	
14920	1200-1300	TWN Sound of Hope	M	FE	
14920	1300-1400	TWN Sound of Hope	M	FE	
14920	1400-1500	TWN Sound of Hope	M	FE	
14920	2130-2200	TWN Sound of Hope	M	FE	
14920	2200-2300	TWN Sound of Hope	M	FE	
14920	2300-2400	TWN Sound of Hope	M	FE	
14940	2200-1600	CHN CNR1 Jammer/Firedrake	M	CHN	
14940	0000-0100	TWN Sound of Hope	M	FE	
14940	0100-0200	TWN Sound of Hope	M	FE	
14940	0200-1200	TWN Sound of Hope	M	FE	
14940	1200-1300	TWN Sound of Hope	M	FE	
14940	1300-1400	TWN Sound of Hope	M	FE	
14940	1400-1500	TWN Sound of Hope	M	FE	
14940	1500-1600	TWN Sound of Hope	M	FE	
14940	2200-2300	TWN Sound of Hope	M	FE	
14940	2300-2400	TWN Sound of Hope	M	FE	
14944	1200-1300	TWN Star-Star Bc.Station	M	CHN	y
14944	1300-1400	TWN Star-Star Bc.Station	M	CHN	y
14980	2200-1500	CHN CNR1 Jammer/Firedrake	M	CHN	
14980	0000-0100	TWN Sound of Hope	M	FE	
14980	0100-0200	TWN Sound of Hope	M	FE	
14980	0200-1200	TWN Sound of Hope	M	FE	
14980	1200-1300	TWN Sound of Hope	M	FE	
14980	1300-1400	TWN Sound of Hope	M	FE	

14980	1400-1500	TWN Sound of Hope	M	FE	
14980	2200-2300	TWN Sound of Hope	M	FE	
14980	2300-2400	TWN Sound of Hope	M	FE	
14996	0000-2400	RUS RWM Moscow	-TS	RUS	t
15000	0100-0900	CHN BPM Xian	-TS	CHN	p
15000	0000-2400	HWA WWVH Hawaii (f.ann.)	-TS	USA	d
15000	0000-2400	I ItalCable	-TS	SEu	v
15000	0000-2400	USA WWV Colorado (m.ann.)	-TS	USA	fd
15016	0000-2400	USA US Air Force Messages	E	NAm	
15025	0000-2400	ISL Reykjavik HFDL (ID3)	-HF	NAO	r
15034	1100-0200	CAN Trenton Volmet	E	NAm	tr
15105	0300-0400	KRE Voice of Korea	M	SEA	u
15105	0400-0500	KRE Voice of Korea	F	SEA	u
15105	0500-0600	KRE Voice of Korea	E	SEA	u
15105	0600-0700	KRE Voice of Korea	M	SEA	u
15105	1440-1457 Th-Su	SWZ Trans World Radio	AFA	EAF	
15105	1530-1619 Mo-Fr	SWZ Trans World Radio	TIG	EAF	
15105	1549-1619 SaSu	SWZ Trans World Radio	KUN	EAF	
15110	0500-0600	CHN China Radio Int.	M	SAs	ka
15110	1330-1400	G BBC	BR	SEA	/UAE
15120	0300-0400	CHN China Radio Int.	E	Sib	b
15120	0400-0500	CHN China Radio Int.	E	Sib	b
15120	0730-0800	ROU Radio Romania Int.	A	NAf	g
15125	0000-0100	CHN China Radio Int.	E	SEA	b
15125	0100-0200	CHN China Radio Int.	E	SEA	b
15125	1600-1700	CHN China Radio Int.	A	EAF	/MLI
15125	1700-1800	CHN China Radio Int.	SWA	EAF	/MLI
15130	0300-0400	CHN China Radio Int.	M	FE	b
15130	0400-0500	CHN China Radio Int.	M	FE	b
15130	0500-0600	CHN China Radio Int.	M	FE	b
15130	1900-2100	J NHK Radio Japan	J	CAf	/F-i
15135	0600-0700	CHN China Radio Int.	S	SEu	ka
15135	0700-0800	CHN China Radio Int.	S	SEu	ka
15135	0830-0930	CHN China Radio Int.	IN	INS	k
15135	0930-1030	CHN China Radio Int.	ML	INS	k
15135	1030-1130	CHN China Radio Int.	IN	INS	k
15135	1130-1730	IRN IRIB Voice of I.R.Iran	A	ME	s
15140	0700-1900	ALG Ifrikya FM	A	WAf	o
15140	1400-1600	CUB Radio Habana Cuba	S	NAm	b
15140	1600-1900	CUB Radio Habana Cuba	S	NAm	b
15140	1900-1930	CUB Radio Habana Cuba	F	NAm	b
15140	1930-2000	CUB Radio Habana Cuba	P	NAm	b
15140	2000-2100	CUB Radio Habana Cuba	E	NAm	b
15145	0600-0700	CHN China Radio Int.	E	ME	ka
15145	0700-0800	CHN China Radio Int.	AM	SEA	x
15150	1200-1700 Su-Fr	USA WMLK Bethel, PA	E	Eu	
15160	0100-0200	CHN China Radio Int.	M	FE	j
15160	0200-0300	CHN China Radio Int.	M	FE	j

15160	0300-0400	CHN China Radio Int.	M FE	j
15160	0400-0500	CHN China Radio Int.	CA FE	j
15160	0500-0600	CHN China Radio Int.	CA FE	j
15160	0600-0700	CHN China Radio Int.	M FE	j
15160	1030-1130	CHN China Radio Int.	KH SEA	n
15160	0900-1000	KOR KBS World Radio	K ME	k
15170	0400-0500	CHN China Radio Int.	M SAs	ka
15170	1300-1330	ROU Radio Romania Int.	A ME	t
15180	1100-1200	CHN China Radio Int.	BU SEE	ka
15180	1200-1300	CHN China Radio Int.	SR Eu	ka
15180	0100-0400	CHN CNR1 DIGITAL	M FE	k
15180	0800-1100	CHN CNR1 DIGITAL	M FE	k
15180	0300-0400	KRE Voice of Korea	S LAm	u
15180	0400-0500	KRE Voice of Korea	E LAm	u
15180	0500-0600	KRE Voice of Korea	S LAm	u
15180	0600-0700	KRE Voice of Korea	F LAm	u
15185	0430-0600	IND AIR Akashvani Ext.Sce	PS AFG	b
15190	0000-2400	B Rádio Inconfidência	P B	c
15195	0200-0500	J NHK Radio Japan	J FE	y
15200	0000-0100	ROU Radio Romania Int.	S SAm	t
15200	0600-0630	ROU Radio Romania Int.	F WAf	t
15200	0730-0800	ROU Radio Romania Int.	A ME	t
15200	0800-0900 Su	ROU Radio Romania Int.	RO ME	t
15200	1100-1200	ROU Radio Romania Int.	F NAF	t
15200	1630-1700	ROU Radio Romania Int.	A NAF	g
15210	1230-1245 Su	CAN Bible Voice	IN INS	/UZB
15210	0900-1000	CHN China Radio Int.	E Oc	k
15210	1000-1100	CHN China Radio Int.	E Oc	k
15215	1700-1800 We,Sa	CLA Voice of Fano	AH ETH	/F-i
15215.1	1200-1230 Su-Tu	IND Gaweylon Tibetan Radio	TB SAs	/UAE
15215	1500-1530	USA Adventist World Radio	KAN SIn	/GUM-a
15215	1530-1600	USA Adventist World Radio	HI NIn	/GUM-a
15220	0600-0700	CHN China Radio Int.	F SEu	ka
15220	0700-0800	CHN China Radio Int.	F SEu	ka
15220	1000-1100	CHN China Radio Int.	HU Eu	ka
15225	1100-1200	CHN China Radio Int.	CZ Eu	u
15230	0000-0500	CUB Radio Habana Cuba	S SAm	q
15230	0500-0600	CUB Radio Habana Cuba	S SAm	q
15230	1200-1400	CUB Radio Habana Cuba	S WNA	q
15230	1400-1600	CUB Radio Habana Cuba	S WNA	q
15230	2200-2300	CUB Radio Habana Cuba	P SAm	q
15235	0600-0700	TUR Voice of Turkey	HA CAf	e
15245.2	0700-0900	KRE Voice of Korea	R Eu	u
15250	0900-1100	CHN China Radio Int.	M PHL	k
15250	0400-0500	ROU Radio Romania DIGITAL	E SAs	s
15255	1300-1330	USA Adventist World Radio	BE BGD	/GUM-a
15260	0900-1000	CHN China Radio Int.	RO EEu	ka
15260	0130-0230	IND AIR Akashvani Ext.Sce	IN SEA	b

15260	0155-0210 irr	IND AIR Akashvani Ext.Sce	E	SEA	b
15260	1000-1100 Su	ROU Radio Romania Int.	RO	SEu	g
15260	1700-1800	S IBRA Radio Sama	A	ME	/G-w
15265	1330-1400	USA Adventist World Radio	KBO	BGD	/GUM-a
15270	0200-0600	CHN CNR 2 China Business R.	M	CHN	B
15270	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M	CHN	B
15270	1230-1330	TUR Voice of Turkey	D	Eu	e
15270	1000-1100	USA Adventist World Radio	M	FE	/GUM-a
15270	1100-1200	USA Adventist World Radio	M	FE	/GUM-a
15275	1830-1915 We	D Deutsche Welle	A	ME	n
15280	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE	
15280	2345-0115	CHN CNR1 Jammer/Firedrake	M	FE	
15280	0045-0100 irr	IND AIR Akashvani Ext.Sce	E	FE	b
15280	0400-0530	IND AIR Akashvani Ext.Sce	FS	IRN	b
15280	0530-0630	IND AIR Akashvani Ext.Sce	A	ME	b
15280	0610-0625 irr	IND AIR Akashvani Ext.Sce	E	ME	b
15280	2345-0115	IND AIR Akashvani Ext.Sce	M	FE	b
15280	0700-0950	J NHK Radio Japan	J	SEA	y
15280	0000-0100	TWN Sound of Hope	M	FE	
15280	0100-0200	TWN Sound of Hope	M	FE	
15280	0200-1200	TWN Sound of Hope	M	FE	
15280	1200-1300	TWN Sound of Hope	M	FE	
15280	1300-1400	TWN Sound of Hope	M	FE	
15280	1400-1500	TWN Sound of Hope	M	FE	
15280	1500-1600	TWN Sound of Hope	M	FE	
15280	1600-1700	TWN Sound of Hope	M	FE	
15280	2100-2130	TWN Sound of Hope	M	FE	
15280	2130-2200	TWN Sound of Hope	M	FE	
15280	2200-2300	TWN Sound of Hope	M	FE	
15280	2300-2400	TWN Sound of Hope	M	FE	
15285	1200-1230 Sa	CAN Bible Voice	E	FE	/UZB
15290	0800-1000	J NHK Radio Japan	J	Waf	/F-i
15295	1200-1300	G BBC	E	SAs	/OMA-a
15295	0000-0100	TWN Sound of Hope	M	FE	
15295	0100-0200	TWN Sound of Hope	M	FE	
15295	0200-1200	TWN Sound of Hope	M	FE	
15295	1200-1300	TWN Sound of Hope	M	FE	
15295	1300-1400	TWN Sound of Hope	M	FE	
15295	1400-1500	TWN Sound of Hope	M	FE	
15295	1500-1600	TWN Sound of Hope	M	FE	
15295	1600-1700	TWN Sound of Hope	M	FE	
15295	2300-2400	TWN Sound of Hope	M	FE	
15300	0600-0700	F Radio France Int.	F	CAf	i
15300	0700-0800	F Radio France Int.	F	Waf	i
15300	0800-0900	F Radio France Int.	F	Waf	i
15300	1700-1800	F Radio France Int.	F	Waf	i
15300	1800-1900	F Radio France Int.	F	Waf	i
15300	1900-2000	F Radio France Int.	F	Waf	i

15300	1300-1600	irr F	TDF DIGITAL	F	SEA	i
15300	1100-1200		ROU Radio Romania Int.	F	SEu	g
15310	1600-1630	Su-Tu	CAN Bible Voice	OO	Eaf	/D-n
15310	1600-1630	Th-Fr	CAN Bible Voice	TIG	Eaf	/D-n
15310	1630-1700	SaSu	CAN Bible Voice	SO	Eaf	/D-n
15310	1700-1730	Tu-Th	CAN Bible Voice	AH	Eaf	/D-n
15310	1700-1730	SaSu	CAN Bible Voice	TIG	Eaf	/D-n
15310	1730-1800	Sa	CAN Bible Voice	KUN	Eaf	/D-n
15310	0430-0500	G	BBC	DR	AFG	/OMA-a
15310	0500-0530	G	BBC	PS	AFG	/OMA-a
15310	0830-0930	G	BBC	DR	AFG	/OMA-a
15310	0930-1030	G	BBC	PS	AFG	/OMA-a
15310	1030-1100	G	BBC	DR	AFG	/OMA-a
15310	1100-1130	G	BBC	PS	AFG	/OMA-a
15320	0400-0430		CHN China National Radio 1	M	CHN	u
15320	0400-0430		TWN Radio Taiwan Int.	CA	SEA	p
15320	0430-0500		TWN Radio Taiwan Int.	HK	SEA	p
15325	0700-0730	F	Radio France Int.	HA	Waf	i
15330	1115-1145		PHL FEBC Manila	MON	SEA	b
15330	1145-1200		PHL FEBC Manila	K-P	SEA	b
15335	0800-0900		CHN China Radio Int.	R	EEu	ka
15335	0900-1000		CHN China Radio Int.	R	EEu	ka
15340	0900-1100		CHN China Radio Int.	M	SEA	x
15340	0000-2400		CHN CNR1 Jammer/Firedrake	M	FE	
15340	0000-0100		TWN Sound of Hope	M	FE	
15340	0100-0200		TWN Sound of Hope	M	FE	
15340	0200-1200		TWN Sound of Hope	M	FE	
15340	1200-1300		TWN Sound of Hope	M	FE	
15340	1300-1400		TWN Sound of Hope	M	FE	
15340	1400-1500		TWN Sound of Hope	M	FE	
15340	1500-1600		TWN Sound of Hope	M	FE	
15340	1600-1700		TWN Sound of Hope	M	FE	
15340	2130-2400		TWN Sound of Hope-RFA	M	FE	
15350	0200-0300		CHN China Radio Int.	E	SAs	ka
15350	0300-0400		CHN China Radio Int.	HI	SAs	ka
15350	0400-0500		CHN China Radio Int.	HK	SAs	ka
15350	0500-0600		CHN China Radio Int.	E	SAs	ka
15350	0600-0700		CHN China Radio Int.	E	SAs	ka
15350	0700-0900		CHN China Radio Int.	E	SAs	ka
15350	0900-1000		CHN China Radio Int.	E	SAs	ka
15350	1000-1100		CHN China Radio Int.	E	SAs	ka
15350	0700-1400		TUR Voice of Turkey	TU	Eu	e
15360	2100-1500		CHN CNR1 Jammer/Firedrake	M	FE	
15360	1100-1130		TUR Voice of Turkey	TT	EEu	e
15360	0000-0100		TWN Sound of Hope	M	FE	
15360	0100-0200		TWN Sound of Hope	M	FE	
15360	0200-1200		TWN Sound of Hope	M	FE	
15360	1200-1300		TWN Sound of Hope	M	FE	

15360	1300-1400	TWN Sound of Hope	M	FE	
15360	1400-1500	TWN Sound of Hope	M	FE	
15360	2100-2130	TWN Sound of Hope	M	FE	
15360	2130-2200	TWN Sound of Hope	M	FE	
15360	2200-2300	TWN Sound of Hope	M	FE	
15360	2300-2400	TWN Sound of Hope	M	FE	
15360	1630-1700 135	USA Adventist World Radio	PS	SAs	/GUM-a
15360	1630-1700 2467	USA Adventist World Radio	SD	SAs	/GUM-a
15370	0100-0600	CHN China National Radio 1	M	CHN	s
15370	0600-0900	We-Mo CHN China National Radio 1	M	CHN	s
15370	0900-1100	CHN China National Radio 1	M	CHN	s
15370	2330-0100	CHN China National Radio 1	M	CHN	s
15370	1400-1600	ROU Radio Romania Int.	RO	SEu	g
15375	0700-0900	TWN Fu Hsing Bc.Sta.	M	FE	y
15375	1000-1300	TWN Fu Hsing Bc.Sta.	M	FE	y
15380	0030-0600	CHN China National Radio 1	M	CHN	b
15380	0600-0900	We-Mo CHN China National Radio 1	M	CHN	b
15380	0900-1100	CHN China National Radio 1	M	CHN	b
15380	1600-2100	USA Radio Marti	S	CUB	g
15388	1200-1300	TWN Star-Star Bc.Station	M	CHN	y
15388	1300-1400	TWN Star-Star Bc.Station	M	CHN	y
15390	0100-0200	CHN China National Radio 13	UI	CHN	L
15390	0200-0600	CHN China National Radio 13	UI	CHN	L
15390	0600-0900	We-Mo CHN China National Radio 13	UI	CHN	L
15390	0900-1000	CHN China National Radio 13	M	CHN	L
15390	1000-1100	CHN China National Radio 13	UI	CHN	L
15390	2355-0100	CHN China National Radio 13	UI	CHN	L
15390	1215-1300	We D Deutsche Welle	A	ME	/F-i
15390	1300-1400	TUR Voice of Turkey	UR	PAK	e
15400	0900-1000 irr	F TDF DIGITAL	F	NEu	i
15400	1800-1900 Mo-Fr G	BBC	E	Waf	/ASC
15400	1400-1430	USA Adventist World Radio	KA	SEA	/GUM-a
15400	1430-1500	USA Adventist World Radio	KA	SEA	/GUM-a
15400	0200-0700 irr	USA Radio YHWH	E	WNA	xx
15400	1100-1130 Su-Fr	USA Trans World Radio	K	FE	/UZB
15400	1130-1200 Tu-Fr	USA Trans World Radio	K	FE	/UZB
15410	1030-1200	CHN CNR1 Jammer/Firedrake	M	FE	
15410	2300-1400	CHN CNR1 Jammer/Firedrake	M	FE	
15410	0145-0230	IND AIR Akashvani Ext.Sce	NE	NPL	b
15410	0230-0245	IND AIR Akashvani Ext.Sce	HI	NPL	b
15410	0245-0300	IND AIR Akashvani Ext.Sce	E	NPL	b
15410	0300-0315	IND AIR Akashvani Ext.Sce	NE	NPL	b
15410	0315-0415	IND AIR Akashvani Ext.Sce	BR	SEA	b
15410	0330-0345 irr	IND AIR Akashvani Ext.Sce	E	SEA	b
15410	0430-0600	IND AIR Akashvani Ext.Sce	DR	AFG	b
15410	0500-0515 irr	IND AIR Akashvani Ext.Sce	E	AFG	b
15410	0900-1030	IND AIR Akashvani Ext.Sce	NE	NPL	b
15410	1030-1200	IND AIR Akashvani Ext.Sce	M	FE	b

15410	1130-1145 irr	IND AIR Akashvani Ext.Sce	E FE	b
15410	1215-1315	IND AIR Akashvani Ext.Sce	SWA EAf	b
15410	1240-1255 irr	IND AIR Akashvani Ext.Sce	E EAf	b
15410	0000-0100	TWN Sound of Hope	M FE	
15410	0100-0200	TWN Sound of Hope	M FE	
15410	0200-1200	TWN Sound of Hope	M FE	
15410	1200-1300	TWN Sound of Hope	M FE	
15410	1300-1400	TWN Sound of Hope	M FE	
15410	2300-2400	TWN Sound of Hope	M FE	
15420	0400-0430 Mo-Fr G	BBC	SO EAf	/MDG
15420	1400-1500 Mo-Fr G	BBC	SO EAf	/UAE
15420	1700-1800 Mo-Fr G	BBC	E CAf	w
15420	1800-1900 Mo-Fr G	BBC	E CAf	/ASC
15420	0930-1000	PHL FEBC Manila	MKB INS	b
15425	0100-0200	CHN China Radio Int.	AM SEA	x
15425	0200-0300	CHN China Radio Int.	AM SEA	x
15425	1600-1645 12356	ETH Noise Jammer	EAF	
15425	1600-1630 12356 I	IRRS Oromia Nat.Media	OO EAf	/ROU-g
15430	1000-1100	USA Adventist World Radio	M FE	/GUM-a
15430	1100-1200	USA Adventist World Radio	M FE	/GUM-a
15430	1200-1230	USA Adventist World Radio	MON SEA	/GUM-a
15435	0300-0400	CHN China Radio Int.	R CAs	x
15435	0000-0045	PHL FEBC Manila	SHA SEA	b
15435	0045-0100	PHL FEBC Manila	TN SEA	b
15435	0100-0130 Mo-Fr	PHL FEBC Manila	KA SEA	b
15440	0900-1000	CHN China Radio Int.	M Oc	k
15440	1000-1100	CHN China Radio Int.	CA Oc	k
15440	1100-1200	CHN China Radio Int.	M Oc	k
15440	1700-2000 SaSu G	BBC	HA Waf	/ASC
15440	1430-1500	USA Trans World Radio	UR SAs	/MDG
15445	0400-0500	CHN China Radio Int.	R EEu	ka
15445	0500-0600	CHN China Radio Int.	R EEu	ka
15445	1600-1645 12356	ETH Noise Jammer	EAF	
15445	1600-1630 12356 I	IRRS Oromia Nat.Media	OO EAf	/ROU-g
15450	0030-0045 Fr-Su	PHL FEBC Manila	C-M SEA	b
15450	0045-0100 Fr-Su	PHL FEBC Manila	RAK SEA	b
15450	0900-0930	PHL FEBC Manila	KHA SEA	b
15450	0930-1000	PHL FEBC Manila	MO FE	i
15450	1100-1115 Fr-Su	PHL FEBC Manila	RAK SEA	b
15450	1400-1430 Mo-Fr	PHL FEBC Manila	KA SEA	b
15450	2330-0030	PHL FEBC Manila	BR SEA	b
15455	0800-0830	F Radio France Int.	MAN Waf	i
15460	1100-1130 SaSu	AUS Reach Beyond Australia	J J	ku
15460	0200-0300	CHN CNR1 DIGITAL	M Oc	k
15460	0300-0400	CHN CNR1 DIGITAL	M Oc	k
15460	1200-1300	ROU Radio Romania Int.	E WEu	g
15460	1300-1330	ROU Radio Romania Int.	A Naf	g
15460	1730-1800	USA Adventist World Radio	OO EAf	/D-n

15460	1800-1830	USA Adventist World Radio	TIG EAf	/D-n
15460	1830-1900	USA Adventist World Radio	AH EAf	/D-n
15460	1130-1200 Mo-Fr	USA Trans World Radio	E J	/AUS-ku
15460	1130-1200 Su	USA Trans World Radio	J J	/AUS-ku
15465	0500-0600	CHN China Radio Int.	E SAs	ka
15465	0600-0700	CHN China Radio Int.	E SAs	ka
15465	0700-0900	CHN China Radio Int.	E SAs	ka
15480	0100-0600	CHN China National Radio 1	M CHN	b
15480	0600-0900 We-Mo	CHN China National Radio 1	M CHN	b
15480	0900-1000	CHN China National Radio 1	M CHN	b
15490	1230-1250	CVA Radio Vaticana	R Sib	
15490	1430-1450	CVA Radio Vaticana	HI SAs	
15490	1450-1510	CVA Radio Vaticana	TAM SAs	
15490	1510-1530	CVA Radio Vaticana	MAL SAs	
15490	0600-0700	G BBC	E EAf	/MDG
15490	0700-0729	G BBC	F CAf	/ASC
15490	1800-1830	G BBC	F WAf	/ASC
15500	0100-0600	CHN CNR 2 China Business R.	M CHN	d
15500	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M CHN	d
15500	0900-1100	CHN CNR 2 China Business R.	M CHN	d
15500	1100-1130	USA Adventist World Radio	IN INS	/GUM-a
15500	1130-1200 135	USA Adventist World Radio	JV INS	/GUM-a
15500	1130-1200 2467	USA Adventist World Radio	SUN INS	/GUM-a
15505	1400-1430	USA Adventist World Radio	C-A SEA	/GUM-a
15510	1730-1800	G FEBA Radio Sama	TGR EAf	/G-w
15510	1800-1830	G FEBA Radio Sama	FUR EAf	/G-w
15510	1830-1900	G FEBA Radio Sama	A EAf	/G-w
15515	1000-1600	PHL FEBC Manila	M FE	b
15525	0900-1100	CHN China Radio Int.	M SAs	u
15530	1130-1200	USA Adventist World Radio	SHA SEA	/GUM-a
15530	1200-1230	USA Adventist World Radio	RAK SEA	/GUM-a
15530	1230-1300	USA Adventist World Radio	K-M SEA	/GUM-a
15530	1300-1330	USA Adventist World Radio	KC SEA	/GUM-a
15530	1430-1500	USA Adventist World Radio	BR SEA	/GUM-a
15530	1500-1530	USA Adventist World Radio	TAM SIn	/GUM-a
15540	1230-1245 Sa	AUS Reach Beyond Australia	MAR NIn	ku
15540	1230-1245 1235	AUS Reach Beyond Australia	OR NIn	ku
15540	1230-1245 Th	AUS Reach Beyond Australia	TEL NIn	ku
15540	1230-1300 Su	AUS Reach Beyond Australia	E NIn	ku
15540	1245-1300 Mo-Sa	AUS Reach Beyond Australia	HI NIn	ku
15540	1300-1315	AUS Reach Beyond Australia	HI NIn	ku
15540	1315-1330 457	AUS Reach Beyond Australia	HI NIn	ku
15540	1315-1330 We	AUS Reach Beyond Australia	HIM NIn	ku
15540	1315-1330 Tu,Sa	AUS Reach Beyond Australia	PJ NIn	ku
15540	1315-1330 Mo	AUS Reach Beyond Australia	UR NIn	ku
15540	1330-1345 Mo-Fr	AUS Reach Beyond Australia	NE NIn	ku
15540	1330-1400 SaSu	AUS Reach Beyond Australia	E NIn	ku
15540	1345-1400 Mo	AUS Reach Beyond Australia	PJ NIn	ku

15540	1345-1400 We-Th AUS Reach Beyond Australia	ROH NIn	ku
15540	1345-1400 Tu,Fr AUS Reach Beyond Australia	TB NIn	ku
15540	0100-0600 CHN CNR 2 China Business R.	M CHN	L
15540	0600-0900 We-Mo CHN CNR 2 China Business R.	M CHN	L
15540	0900-1100 CHN CNR 2 China Business R.	M CHN	L
15540	1800-1900 Fr CLA Radio Mellat Iran	FS ME	/F-i
15540	1830-1930 Th CLA Radio Omid e-Iran	FS ME	/F-i
15540	1430-1500 PHL FEBC Manila	UI FE	b
15550	0800-0900 CHN China Radio Int.	M SAs	ka
15550	0000-0100 CHN CNR 7 Greater Bay Area	CA CHN	h
15550	0100-1100 CHN CNR 7 Greater Bay Area	CA CHN	h
15550	1600-1700 HOL Radio Dabanga	SUD SDN	/MDG
15550	1700-1800 HOL Radio Dabanga	SUD SDN	/MDG
15550	1200-1230 Su-Th USA Adventist World Radio	AM FE	/GUM-a
15550	1200-1230 Fr-Sa USA Adventist World Radio	M FE	/GUM-a
15550	1230-1300 Sa-Th USA Adventist World Radio	CA FE	/GUM-a
15550	1230-1300 Fr USA Adventist World Radio	M FE	/GUM-a
15555	1358-2200 USA WJHR Milton, FL (USB)	E NAm	mi
15560	0800-0900 CHN China Radio Int.	M CAs	x
15560	0900-1000 CHN China Radio Int.	M CAs	x
15560	0100-0130 PHL FEBC Manila	JV INS	b
15565	1300-1330 AUS Reach Beyond Australia	DZ BTN	ku
15565	0800-1100 irr CVA Radio Vaticana	P SAf	/MDG
15565	1530-1600 CVA Radio Vaticana	AH EAf	
15565	1600-1615 Sa CVA Radio Vaticana	SWA EAf	
15565	1600-1630 Su-Mo CVA Radio Vaticana	SWA EAf	
15565	1615-1630 Sa CVA Radio Vaticana	SO EAf	
15565	1630-1700 CVA Radio Vaticana	E SAf	
15565	1700-1730 CVA Radio Vaticana	F CAf	
15565	1730-1800 CVA Radio Vaticana	TIG EAf	
15565	1800-1830 CVA Radio Vaticana	P SAf	
15570	0100-0600 CHN China National Radio 11	TB CHN	as
15570	0600-0700 Th-Tu CHN China National Radio 11	TB CHN	as
15570	0700-0800 Th-Tu CHN China National Radio 11	M CHN	as
15570	0800-0900 Th-Tu CHN China National Radio 11	TB CHN	as
15570	0900-1000 CHN China National Radio 11	TB CHN	as
15575	0200-0300 KOR KBS World Radio	S NAm	k
15575	1300-1400 KOR KBS World Radio	E NAm	k
15575	1400-1500 KOR KBS World Radio	K NAm	k
15580	0400-0500 CHN CNR1 DIGITAL	M Oc	k
15580	0700-0800 CHN CNR1 DIGITAL	M Oc	k
15580	2300-1700 CHN CNR1 Jammer/Firedrake	M FE	
15580	0800-1100 irr CVA Radio Vaticana	A ME	
15580	0900-0930 PHL FEBC Manila	MKS INS	b
15580	0930-1000 PHL FEBC Manila	BUG INS	b
15580	1000-1030 PHL FEBC Manila	SUN INS	b
15580	1030-1058 PHL FEBC Manila	SAS INS	b
15580	0000-0100 TWN Sound of Hope	M FE	

15580	0100-0200	TWN Sound of Hope	M	FE	
15580	0200-1200	TWN Sound of Hope	M	FE	
15580	1200-1300	TWN Sound of Hope	M	FE	
15580	1300-1400	TWN Sound of Hope	M	FE	
15580	1400-1500	TWN Sound of Hope	M	FE	
15580	1500-1600	TWN Sound of Hope	M	FE	
15580	1600-1700	TWN Sound of Hope	M	FE	
15580	2300-2400	TWN Sound of Hope	M	FE	
15590	0100-0200	CHN CNR1 DIGITAL	M	Oc	k
15590	0300-0400	CHN CNR1 DIGITAL	M	Oc	k
15595	0620-0700 Su	CVA Radio Vaticana	L	ME	
15595	0700-0710 Mo-Sa	CVA Radio Vaticana	I	ME	
15595	0710-0730 Mo-Sa	CVA Radio Vaticana	A	ME	
15595	0730-0745 Sa	CVA Radio Vaticana	E	ME	
15595	0730-0745 Mo-Fr	CVA Radio Vaticana	F	ME	
15595	0930-1050 Su	CVA Radio Vaticana	LTO	EEu	
15595	0930-1050 1.Su	CVA Radio Vaticana	GZ	Eaf	
15595	1130-1200 Fr	CVA Radio Vaticana	E	ME	
15595	1630-1700	CVA Radio Vaticana	A	ME	
15600	1230-1300 SaSu	USA Adventist World Radio	UI	FE	/GUM-a
15600	1300-1400	USA Adventist World Radio	M	FE	/GUM-a
15610	0600-0700	CHN CNR1 DIGITAL	M	Oc	k
15610	2200-1600	CHN CNR1 Jammer/Firedrake	M	FE	
15610	0000-0100	TWN Sound of Hope	M	FE	
15610	0100-0200	TWN Sound of Hope	M	FE	
15610	0200-1200	TWN Sound of Hope	M	FE	
15610	1200-1300	TWN Sound of Hope	M	FE	
15610	1300-1400	TWN Sound of Hope	M	FE	
15610	1400-1500	TWN Sound of Hope	M	FE	
15610	1500-1600	TWN Sound of Hope	M	FE	
15610	2200-2300	TWN Sound of Hope	M	FE	
15610	2300-2400	TWN Sound of Hope	M	FE	
15615	0015-0215	AUS VMW Wiluna Met Fax		Oc	w
15615	0245-0330	AUS VMW Wiluna Met Fax		Oc	w
15615	0400-0945	AUS VMW Wiluna Met Fax		Oc	w
15615	1015-1100	AUS VMW Wiluna Met Fax		Oc	w
15615	1100-1730	AUS VMW Wiluna Met Fax		Oc	w
15615	1800-1845	AUS VMW Wiluna Met Fax		Oc	w
15615	1915-2045	AUS VMW Wiluna Met Fax		Oc	w
15615	2215-2400	AUS VMW Wiluna Met Fax		Oc	w
15620	1400-1430	PHL FEBC Manila	JV	INS	b
15630	0000-1100	CHN China National Radio	M	CHN	xy
15640	0100-0200	CHN CNR1 DIGITAL	M	Oc	k
15640	0400-0500	CHN CNR1 DIGITAL	M	Oc	k
15640	0500-0600	CHN CNR1 DIGITAL	M	Oc	k
15665	0400-0500	CHN China Radio Int.	R	EEu	u
15665	0500-0600	CHN China Radio Int.	R	EEu	u
15665	0800-0900	CHN China Radio Int.	R	EEu	u

15665	0900-1000	CHN China Radio Int.	R	EEu	u
15680	1300-1330	USA Adventist World Radio	NJ	INS	/GUM-a
15680	1530-1600	USA Adventist World Radio	KAN	SIn	/GUM-a
15680	1600-1630	USA Adventist World Radio	TEL	SIn	/GUM-a
15680	0110-0305 Sa	USA Hope Radio 4	E	SEA	/PLW
15680	0110-0350 Su	USA Hope Radio 4	E	SEA	/PLW
15685	1630-1700 Mo-Fr G	BBC	KNK	Eaf	/MDG
15685	1730-1750 Mo-Fr G	BBC	AH	Eaf	w
15685	1750-1810 Mo-Fr G	BBC	OO	Eaf	w
15685	1810-1830 Mo-Fr G	BBC	TIG	Eaf	w
15685	1830-1850 Mo-Fr G	BBC	AH	Eaf	w
15685	1850-1910 Mo-Fr G	BBC	OO	Eaf	w
15685	1910-1930 Mo-Fr G	BBC	TIG	Eaf	w
15700	0800-1600	DNK World Music Radio	E	Eu	ra
15710	0100-0200	CHN China National Radio 6	AM	TWN	B
15710	0200-0500	CHN China National Radio 6	AM	TWN	B
15710	0500-0600	CHN China National Radio 6	HK	TWN	B
15710	0600-0900 Th-Tu	CHN China National Radio 6	HK	TWN	B
15710	1600-1630 Sa	CLA Moreshe V.o.Amhara	AH	Eaf	/F-i
15710	1400-1500	USA Adventist World Radio	M	FE	/GUM-a
15720	0700-0800	CHN CNR1 DIGITAL	M	Oc	k
15720	1859-2058	NZL RNZ Pacific	E	Oc	r
15730	0200-0300	CHN CNR1 DIGITAL	M	Oc	k
15730	0500-0600	CHN CNR1 DIGITAL	M	Oc	k
15730	0600-0700	CHN CNR1 DIGITAL	M	Oc	k
15730	0800-0900	CHN CNR1 DIGITAL	M	Oc	k
15730	1300-1600 irr	F TDF DIGITAL	F	NEu	i
15730	0000-0100	TWN Sound of Hope	M	FE	
15730	0100-0200	TWN Sound of Hope	M	FE	
15730	0200-1200	TWN Sound of Hope	M	FE	
15730	1200-1300	TWN Sound of Hope	M	FE	
15730	1300-1400	TWN Sound of Hope	M	FE	
15730	1400-1500	TWN Sound of Hope	M	FE	
15730	1500-1600	TWN Sound of Hope	M	FE	
15730	2130-2200	TWN Sound of Hope	M	FE	
15730	2200-2300	TWN Sound of Hope	M	FE	
15730	2300-2400	TWN Sound of Hope	M	FE	
15740	2130-1600	CHN CNR1 Jammer/Firedrake	M	FE	
15740	0000-0100	TWN Sound of Hope	M	FE	
15740	0100-0200	TWN Sound of Hope	M	FE	
15740	0200-1200	TWN Sound of Hope	M	FE	
15740	1200-1300	TWN Sound of Hope	M	FE	
15740	1300-1400	TWN Sound of Hope	M	FE	
15740	1400-1500	TWN Sound of Hope	M	FE	
15740	1500-1600	TWN Sound of Hope	M	FE	
15740	2130-2200	TWN Sound of Hope	M	FE	
15740	2200-2300	TWN Sound of Hope	M	FE	
15740	2300-2400	TWN Sound of Hope	M	FE	

15745	0000-1200	CHN China National Radio	M	CHN	L
15750	1700-1800 irr	F TDF DIGITAL	F	NEu	i
15750	1800-1900 irr	F TDF DIGITAL	F	ME	i
15760	2100-1700	CHN CNR1 DIGITAL	M	CHN	qq
15760	0000-2400	CHN CNR1 Jammer/Firedrake	M	FE	
15760	0000-0100	TWN Sound of Hope	M	FE	
15760	0100-0200	TWN Sound of Hope	M	FE	
15760	0200-1200	TWN Sound of Hope	M	FE	
15760	1200-1300	TWN Sound of Hope	M	FE	
15760	1300-1400	TWN Sound of Hope	M	FE	
15760	1400-1500	TWN Sound of Hope	M	FE	
15760	2130-2200	TWN Sound of Hope	M	FE	
15760	2200-2300	TWN Sound of Hope	M	FE	
15760	2300-2400	TWN Sound of Hope	M	FE	
15770	2230-2300	CZE Radio Prague	E	ENA	/USA-o
15770	1800-2100 24Dec D	NDR Gruß an Bord	D	NAO	/USA-o
15770	0000-0030	SVK Radio Slovakia Int.	SK	ENA	/USA-o
15770	0030-0100	SVK Radio Slovakia Int.	E	ENA	/USA-o
15770	0630-0700	SVK Radio Slovakia Int.	S	ENA	/USA-o
15770	2200-2230	TWN Radio Taiwan Int.	S	ENA	/USA-o
15770	0400-0500 Mo-Fr	USA Radio Liberty	R	ENA	o
15770	0000-2400	USA WRMI Radio Miami Int.	E	ENA	o
15775	2130-1600	CHN CNR1 Jammer/Firedrake	M	FE	
15775	0000-0100	TWN Sound of Hope	M	FE	
15775	0100-0200	TWN Sound of Hope	M	FE	
15775	0200-1200	TWN Sound of Hope	M	FE	
15775	1200-1300	TWN Sound of Hope	M	FE	
15775	1300-1400	TWN Sound of Hope	M	FE	
15775	1400-1500	TWN Sound of Hope	M	FE	
15775	1500-1600	TWN Sound of Hope	M	FE	
15775	2130-2200	TWN Sound of Hope	M	FE	
15775	2200-2300	TWN Sound of Hope	M	FE	
15775	2300-2400	TWN Sound of Hope	M	FE	
15785	0000-2400	D funklust DIGITAL	D	CEu	e
15795	0000-1200	CHN China National Radio	M	FE	L
15800	0000-1600	CHN CNR1 Jammer/Firedrake	M	FE	
15800	0000-0100	TWN Sound of Hope	M	FE	
15800	0100-0200	TWN Sound of Hope	M	FE	
15800	0200-1200	TWN Sound of Hope	M	FE	
15800	1200-1300	TWN Sound of Hope	M	FE	
15800	1300-1400	TWN Sound of Hope	M	FE	
15800	1400-1500	TWN Sound of Hope	M	FE	
15800	1500-1600	TWN Sound of Hope	M	FE	
15820	0000-0100	TWN Sound of Hope	M	FE	
15820	0100-0200	TWN Sound of Hope	M	FE	
15820	0200-1200	TWN Sound of Hope	M	FE	
15820	1200-1300	TWN Sound of Hope	M	FE	
15820	1300-1400	TWN Sound of Hope	M	FE	

15820	2200-2300	TWN Sound of Hope	M	FE	
15820	2300-2400	TWN Sound of Hope	M	FE	
15870	2100-1700	CHN CNR1 Jammer/Firedrake	M	FE	
15870	0000-0100	TWN Sound of Hope	M	FE	
15870	0100-0200	TWN Sound of Hope	M	FE	
15870	0200-1200	TWN Sound of Hope	M	FE	
15870	1200-1300	TWN Sound of Hope	M	FE	
15870	1300-1400	TWN Sound of Hope	M	FE	
15870	1400-1500	TWN Sound of Hope	M	FE	
15870	1500-1600	TWN Sound of Hope	M	FE	
15870	1600-1700	TWN Sound of Hope	M	FE	
15870	2100-2130	TWN Sound of Hope	M	FE	
15870	2130-2200	TWN Sound of Hope	M	FE	
15870	2200-2300	TWN Sound of Hope	M	FE	
15870	2300-2400	TWN Sound of Hope	M	FE	
15890	2300-1700	CHN CNR1 Jammer/Firedrake	M	FE	
15890	0000-0100	TWN Sound of Hope	M	FE	
15890	0100-0200	TWN Sound of Hope	M	FE	
15890	0200-1200	TWN Sound of Hope	M	FE	
15890	1000-1200	TWN Sound of Hope	M	FE	
15890	1200-1300	TWN Sound of Hope	M	FE	
15890	1300-1400	TWN Sound of Hope	M	FE	
15890	0000-0100	TWN Star-Star Bc.Station	M	CHN	y
15920	0000-2400	CHN CNR1 Jammer/Firedrake	M	FE	
15920	0000-0100	TWN Sound of Hope	M	FE	
15920	0100-0200	TWN Sound of Hope	M	FE	
15920	0200-1200	TWN Sound of Hope	M	FE	
15920	1200-1300	TWN Sound of Hope	M	FE	
15920	1300-1400	TWN Sound of Hope	M	FE	
15920	2100-2130	TWN Sound of Hope	M	FE	
15920	2130-2200	TWN Sound of Hope	M	FE	
15920	2200-2300	TWN Sound of Hope	M	FE	
15920	2300-2400	TWN Sound of Hope	M	FE	
15940	2300-1700	CHN CNR1 Jammer/Firedrake	M	FE	
15940	0000-0100	TWN Sound of Hope	M	FE	
15940	0100-0200	TWN Sound of Hope	M	FE	
15940	0200-1200	TWN Sound of Hope	M	FE	
15940	1200-1300	TWN Sound of Hope	M	FE	
15940	1300-1400	TWN Sound of Hope	M	FE	
15940	2200-2300	TWN Sound of Hope	M	FE	
15940	2300-2400	TWN Sound of Hope	M	FE	
15959	0000-2400	USA NSS US Navy	-TY	NAm	a
15988	0000-2400 irr	D DWD Polarstern Fax/RTTY	Eu		pi
16024	0000-2400	CHN BAF Beijing Meteo Fax	FE		bm
16035	0500-0530	SNG 9VF209 Meteo Fax	FE		j
16035	0740-1010	SNG 9VF Kyodo News Agcy Fax	FE		j
16035	1410-1815	SNG 9VF Kyodo News Agcy Fax	FE		j
16100	2130-1700	CHN CNR1 Jammer/Firedrake	M	CHN	

16100	0000-0100	TWN Sound of Hope	M	FE		
16100	0100-0200	TWN Sound of Hope	M	FE		
16100	0200-1200	TWN Sound of Hope	M	FE		
16100	1200-1300	TWN Sound of Hope	M	FE		
16100	1300-1400	TWN Sound of Hope	M	FE		
16100	1400-1500	TWN Sound of Hope	M	FE		
16100	2100-2130	TWN Sound of Hope	M	FE		
16100	2130-2200	TWN Sound of Hope	M	FE		
16100	2200-2300	TWN Sound of Hope	M	FE		
16100	2300-2400	TWN Sound of Hope	M	FE		
16123	0000-2400	PTR NAU US Navy	-TY	NAm	i	
16131	0220-0230 Su	RUS V07 Russian Spy Numbers	S	FE	kh	
16135	1719-0400	HWA KVM70 Fax Honolulu	Oc		nm	
16160	2130-1500	CHN CNR1 Jammer/Firedrake	M	CHN		
16160	0000-0100	TWN Sound of Hope	M	FE		
16160	0100-0200	TWN Sound of Hope	M	FE		
16160	0200-1200	TWN Sound of Hope	M	FE		
16160	1200-1300	TWN Sound of Hope	M	FE		
16160	1300-1400	TWN Sound of Hope	M	FE		
16160	1400-1500	TWN Sound of Hope	M	FE		
16160	2130-2200	TWN Sound of Hope	M	FE		
16160	2200-2300	TWN Sound of Hope	M	FE		
16160	2300-2400	TWN Sound of Hope	M	FE		
16163	0300-0310 Th	RUS E06 Russian Spy Numbers	E	RUS	c	
16213	0000-2400	PTR NAU US Navy	-TY	NAm	i	
16249.7	0000-0100	TWN Sound of Hope	M	FE		
16249.7	0100-0200	TWN Sound of Hope	M	FE		
16249.7	0200-1200	TWN Sound of Hope	M	FE		
16249.7	1200-1300	TWN Sound of Hope	M	FE		
16249.7	1300-1400	TWN Sound of Hope	M	FE		
16249.7	1400-1500	TWN Sound of Hope	M	FE		
16249.7	1500-1600	TWN Sound of Hope	M	FE		
16249.7	1600-1700	TWN Sound of Hope	M	FE		
16249.7	2130-2200	TWN Sound of Hope	M	FE		
16249.7	2200-2300	TWN Sound of Hope	M	FE		
16249.7	2300-2400	TWN Sound of Hope	M	FE		
16250	2130-1700	CHN CNR1 Jammer/Firedrake	M	CHN		
16300	2200-1600	CHN CNR1 Jammer/Firedrake	M	CHN		
16300	0000-0100	TWN Sound of Hope	M	FE		
16300	0100-0200	TWN Sound of Hope	M	FE		
16300	0200-1200	TWN Sound of Hope	M	FE		
16300	1200-1300	TWN Sound of Hope	M	FE		
16300	1300-1400	TWN Sound of Hope	M	FE		
16300	1400-1500	TWN Sound of Hope	M	FE		
16300	1500-1600	TWN Sound of Hope	M	FE		
16300	2200-2300	TWN Sound of Hope	M	FE		
16300	2300-2400	TWN Sound of Hope	M	FE		
16331.7	0000-2400	RUS Channel Marker D	-CW	EEu	se	

16331.8	0000-2400	RUS Channel Marker P	-CW RUS	kl
16331.9	0000-2400	RUS Channel Marker S	-CW RUS	sm
16332	0000-2400	RUS Channel Marker C	-CW RUS	m
16332.1	0000-2400	RUS Channel Marker A	-CW RUS	as
16332.2	0000-2400	RUS Channel Marker F	-CW FE	vl
16332.3	0000-2400	RUS Channel Marker K	-CW FE	pk
16332.4	0000-2400	RUS Channel Marker M	-CW FE	mg
16528	2300-1000	AUS VMW Wiluna WA	E AUS	w
16531	0333-0410	NZL ZLM Taupo Maritime R.	E Oc	t
16531	1003-1040	NZL ZLM Taupo Maritime R.	E Oc	t
16531	1533-1610	NZL ZLM Taupo Maritime R.	E Oc	t
16531	2203-2245	NZL ZLM Taupo Maritime R.	E Oc	t
16546	2100-0800	AUS VMC Charleville QL	E AUS	c
16559	0000-0155	CHN XSG Shanghai Radio Fax	M FE	sh
16559	0230-0655	CHN XSG Shanghai Radio Fax	M FE	sh
16559	0730-1030	CHN XSG Shanghai Radio Fax	M FE	sh
16559	1425-1450	CHN XSG Shanghai Radio Fax	M FE	sh
16559	2025-2050	CHN XSG Shanghai Radio Fax	M FE	sh
16562.5	0000-0540	CHN XSQ Guangzhou Meteo Fax	E FE	gx
16562.5	0815-0840 irr	CHN XSQ Guangzhou Meteo Fax	E FE	gx
16562.5	1225-1715	CHN XSQ Guangzhou Meteo Fax	E FE	gx
16562.5	2015-2040 irr	CHN XSQ Guangzhou Meteo Fax	E FE	gx
16600.1	0000-0100	TWN Sound of Hope	M FE	
16600.1	0100-0200	TWN Sound of Hope	M FE	
16600.1	0200-1200	TWN Sound of Hope	M FE	
16600.1	1200-1300	TWN Sound of Hope	M FE	
16600.1	1300-1400	TWN Sound of Hope	M FE	
16600.1	1400-1500	TWN Sound of Hope	M FE	
16600.1	2200-2300	TWN Sound of Hope	M FE	
16600.1	2300-2400	TWN Sound of Hope	M FE	
16680.3	0000-0100	TWN Sound of Hope	M FE	
16680.3	0100-0200	TWN Sound of Hope	M FE	
16680.3	0200-1200	TWN Sound of Hope	M FE	
16680.3	1200-1300	TWN Sound of Hope	M FE	
16680.3	1300-1400	TWN Sound of Hope	M FE	
16680.3	1400-1500	TWN Sound of Hope	M FE	
16680.3	2100-2130	TWN Sound of Hope	M FE	
16680.3	2130-2200	TWN Sound of Hope	M FE	
16680.3	2200-2300	TWN Sound of Hope	M FE	
16680.3	2300-2400	TWN Sound of Hope	M FE	
16790	2100-1500	CHN CNR1 Jammer/Firedrake	M CHN	
16790	0000-0100	TWN Sound of Hope	M FE	
16790	0100-0200	TWN Sound of Hope	M FE	
16790	0200-1200	TWN Sound of Hope	M FE	
16790	1200-1300	TWN Sound of Hope	M FE	
16790	1300-1400	TWN Sound of Hope	M FE	
16790	1400-1500	TWN Sound of Hope	M FE	
16790	2100-2130	TWN Sound of Hope	M FE	

16790	2130-2200	TWN Sound of Hope	M FE	
16790	2200-2300	TWN Sound of Hope	M FE	
16790	2300-2400	TWN Sound of Hope	M FE	
16808	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
16808.5	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
16830.5	0000-2400	GRC SVO Olimpia Radio	-CW SEu	o
16851	0000-2400	CHN XSQ Guangzhou Radio	-TY FE	gx
16880	0000-2400	CHN XSQ Guangzhou Radio	-TY FE	gx
16886	0000-2400	TUR TAH Turk Radio Istanbul	-CW ME	is
16898.5	0000-2400	CHN XSG Shanghai Radio	-TY FE	sh
16907.5	0310-0325	J JFX Kagoshima Fish.Fax	WOc	m
16907.5	0400-0415	J JFX Kagoshima Fish.Fax	WOc	m
16907.5	0610-0625	J JFX Kagoshima Fish.Fax	WOc	m
16907.5	0700-0715	Mo,We J JFX Kagoshima Fish.Fax	WOc	m
16907.5	1030-1055	J JFX Kagoshima Fish.Fax	WOc	m
16910	0000-0900	KOR HLJ Seoul Radio	-CW FE	
16971	0200-0435	J JJC Kyodo News Agcy Fax	J FE	ky
16971	0700-0730	Su-Mo J JJC Kyodo News Agcy Fax	J FE	ky
16971	0710-0730	Tu-Sa J JJC Kyodo News Agcy Fax	E FE	ky
16971	0730-0745	Sa J JJC Kyodo News Agcy Fax	J FE	ky
16971	0745-0940	SaSu J JJC Kyodo News Agcy Fax	J FE	ky
16971	0940-1000	irr J JJC Kyodo News Agcy Fax	J FE	ky
16971	1000-1020	Su J JJC Kyodo News Agcy Fax	J FE	ky
16971	1020-1800	J JJC Kyodo News Agcy Fax	J FE	ky
16971	2030-2100	Sa J JJC Kyodo News Agcy Fax	E FE	ky
16971	2300-0110	J JJC Kyodo News Agcy Fax	J FE	ky
16974	0230-0245	B PWZ33 Rio d.J.Naval Wx	P B	rw
16974	0400-0415	B PWZ33 Rio d.J.Naval Wx	P B	rw
16974	0600-0615	B PWZ33 Rio d.J.Naval Wx	P B	rw
16974	1430-1445	B PWZ33 Rio d.J.Naval Wx	P B	rw
16974	1845-1900	B PWZ33 Rio d.J.Naval Wx	P B	rw
16974	2130-2145	B PWZ33 Rio d.J.Naval Wx	P B	rw
16980	2130-1600	CHN CNR1 Jammer/Firedrake	M CHN	
16980	0000-0100	TWN Sound of Hope	M FE	
16980	0100-0200	TWN Sound of Hope	M FE	
16980	0200-1200	TWN Sound of Hope	M FE	
16980	1200-1300	TWN Sound of Hope	M FE	
16980	1300-1400	TWN Sound of Hope	M FE	
16980	1400-1500	TWN Sound of Hope	M FE	
16980	1500-1600	TWN Sound of Hope	M FE	
16980	2130-2200	TWN Sound of Hope	M FE	
16980	2200-2300	TWN Sound of Hope	M FE	
16980	2300-2400	TWN Sound of Hope	M FE	
16990	0000-0900	KOR HLO Seoul Radio	-CW FE	
17016.8	1800-0100	Sa USA MRHS KPH Bolinas, CA	-CW WNA	pr
17130	0000-0900	KOR HLW Seoul Radio	-CW FE	
17132	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
17146.4	1115-1200	CHL CBV Valparaiso Met Fax	SAm	v

17146.4	1630-1715	CHL CBV Valparaiso Met Fax	SAm	v
17146.4	1915-2100	CHL CBV Valparaiso Met Fax	SAm	v
17146.4	2200-2355	CHL CBV Valparaiso Met Fax	SAm	v
17146.4	0600-0855	USA NMG Fax New Orleans	Car	nm
17146.4	1200-1505	USA NMG Fax New Orleans	Car	nm
17146.4	1800-2105	USA NMG Fax New Orleans	Car	nm
17150	2100-1500	CHN CNR1 Jammer/Firedrake	M CHN	
17150	0000-0100	TWN Sound of Hope	M FE	
17150	0100-0200	TWN Sound of Hope	M FE	
17150	0200-1200	TWN Sound of Hope	M FE	
17150	1200-1300	TWN Sound of Hope	M FE	
17150	1300-1400	TWN Sound of Hope	M FE	
17150	1400-1500	TWN Sound of Hope	M FE	
17150	2100-2130	TWN Sound of Hope	M FE	
17150	2130-2200	TWN Sound of Hope	M FE	
17150	2200-2300	TWN Sound of Hope	M FE	
17150	2300-2400	TWN Sound of Hope	M FE	
17151.2	0140-0415	USA NMC Fax Pt Reyes CA	WNA	pr
17151.2	0655-1015	USA NMC Fax Pt Reyes CA	WNA	pr
17151.2	1120-1235	USA NMC Fax Pt Reyes CA	WNA	pr
17151.2	1400-1615	USA NMC Fax Pt Reyes CA	WNA	pr
17151.2	1820-1840	USA NMC Fax Pt Reyes CA	WNA	pr
17151.2	1840-2215	USA NMC Fax Pt Reyes CA	WNA	pr
17151.2	2320-2400	USA NMC Fax Pt Reyes CA	WNA	pr
17170	0000-0100	TWN Sound of Hope	M FE	
17170	0100-0200	TWN Sound of Hope	M FE	
17170	0200-1200	TWN Sound of Hope	M FE	
17170	1200-1300	TWN Sound of Hope	M FE	
17170	1300-1400	TWN Sound of Hope	M FE	
17170	2300-2400	TWN Sound of Hope	M FE	
17238.9	0000-2400	CHN XSV Tianjin Radio	-TY FE	tj
17254	0000-2400	S Stockholm Radio	E NEu	gr
17257	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
17263	0000-2400	S Stockholm Radio	E NEu	gr
17269	0000-2400	CHN XSV Tianjin Radio	M FE	tj
17272	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
17281	0000-2400	S Stockholm Radio	E NEu	gr
17293	0000-2400	TUR TAH Turk Radio Istanbul	E ME	is
17302	0000-2400	I Romaradio IAR	I SEu	r
17314	1630-1705	USA NMC USCG Point Reyes	E NAm	pr
17314	2230-2305	USA NMC USCG Point Reyes	E NAm	pr
17314	1715-1815	USA NMN USCG Chesapeake	E NAm	ch
17314	2315-0015	USA NMN USCG Chesapeake	E NAm	ch
17341	0000-2400	CHN XSV Tianjin Radio	M FE	tj
17341	1145-1245	GRC SVO Olimpia Radio	GR SEu	o
17341	1945-2000	GRC SVO Olimpia Radio	GR SEu	o
17359	0640-2240	EST Tallinn Radio	E NEu	ta
17362	0000-2400	S Stockholm Radio	E NEu	gr

17378	0745-0755	We,Fr POL E11 Polish Spy Numbers	E		p
17378	0845-0855	Tu,Th POL E11 Polish Spy Numbers	E		p
17392	0000-2400	CHN XSV Tianjin Radio	M FE	tj	
17392	0040-0056	CHN XSV Tianjin Radio	M FE	tj	
17392	0340-0356	CHN XSV Tianjin Radio	M FE	tj	
17392	0740-0756	CHN XSV Tianjin Radio	M FE	tj	
17392	1040-1056	CHN XSV Tianjin Radio	M FE	tj	
17392	1540-1556	CHN XSV Tianjin Radio	M FE	tj	
17398	0000-2400	CHN XSQ Guangzhou Radio	M FE		gx
17400	2200-1400	CHN CNR1 Jammer/Firedrake	M CHN		
17400.2	0000-0100	TWN Sound of Hope	M FE		
17400.2	0100-0200	TWN Sound of Hope	M FE		
17400.2	0200-1200	TWN Sound of Hope	M FE		
17400.2	1200-1300	TWN Sound of Hope	M FE		
17400.2	1300-1400	TWN Sound of Hope	M FE		
17400.2	2200-2300	TWN Sound of Hope	M FE		
17400.2	2300-2400	TWN Sound of Hope	M FE		
17430	0500-0530	SNG 9VF209 Meteo Fax	FE	j	
17430	0740-1010	SNG 9VF Kyodo News Agcy Fax	FE	j	
17430	1410-1815	SNG 9VF Kyodo News Agcy Fax	FE	j	
17431	0200-0210	Su RUS V07 Russian Spy Numbers	S FE		kh
17440	2130-1300	CHN CNR1 Jammer/Firedrake	M FE		
17440.1	0000-0100	TWN Sound of Hope	M FE		
17440.1	0100-0200	TWN Sound of Hope	M FE		
17440.1	0200-1200	TWN Sound of Hope	M FE		
17440.1	1200-1300	TWN Sound of Hope	M FE		
17440.1	2130-2200	TWN Sound of Hope	M FE		
17440.1	2200-2300	TWN Sound of Hope	M FE		
17440.1	2300-2400	TWN Sound of Hope	M FE		
17485	0500-0700	CHN China Radio Int.	A ME		ka
17490	0000-0100	CHN China Radio Int.	CA SEA		b
17490	0100-0200	CHN China Radio Int.	AM SEA		b
17490	0200-0300	CHN China Radio Int.	AM SEA		b
17490	0700-0900	CHN China Radio Int.	E Eu		ka
17490	0900-1000	CHN China Radio Int.	E Eu		ka
17490	1000-1100	CHN China Radio Int.	E Eu		ka
17490	1100-1300	CHN China Radio Int.	E Eu		ka
17490.1	0000-0100	TWN Sound of Hope	M FE		
17490.1	0100-0200	TWN Sound of Hope	M FE		
17490.1	0200-1200	TWN Sound of Hope	M FE		
17490.1	1200-1300	TWN Sound of Hope	M FE		
17490.1	1300-1400	TWN Sound of Hope	M FE		
17490.1	2200-2300	TWN Sound of Hope	M FE		
17490.1	2300-2400	TWN Sound of Hope	M FE		
17510	0400-0500	CHN China Radio Int.	HK SEA		x
17510	0500-0600	CHN China Radio Int.	E NAF		ka
17510	0600-0700	CHN China Radio Int.	E NAF		ka
17510	0800-1100	irr CVA Radio Vaticana	P SAF		

17520	0700-0800	CHN China Radio Int.	M SAs	ka	
17520	0050-0605	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	0700-0755	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	0800-0805	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	0840-0845	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	1000-1005	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	1020-1100	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	1300-1320	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	1700-1705	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	1720-1740	THA HSW64 Bangkok Meteo Fax	SEA	u	
17520	2300-2340	THA HSW64 Bangkok Meteo Fax	SEA	u	
17525	0600-0700	CHN China Radio Int.	I SEu	ka	
17525	0800-1100 irr	CVA Radio Vaticana	F Waf		
17525	1730-2230 Su-Fr	USA WMLK Bethel, PA	E Eu		
17530	0400-0500	MDG MWV The Light of Life	M CHN	m	
17530	0500-0600	TUR Voice of Turkey	ML SEA	e	
17530	2300-2400	USA Adventist World Radio	M FE	/GUM-a	
17535	1200-1230	G BBC	F Caf	/MDG	
17540	0300-0400	CHN China Radio Int.	M SAs	b	
17540	0400-0500	CHN China Radio Int.	HK SAs	ka	
17540	0500-0600	CHN China Radio Int.	E SAs	ka	
17540	0600-0700	CHN China Radio Int.	E SAs	ka	
17540	0700-0900	CHN China Radio Int.	E SAs	ka	
17540	0800-1100 irr	CVA Radio Vaticana	F Caf		
17550	1430-1500	CAN Bible Voice	NU Eaf	/D-n	
17550	0100-0600	CHN China National Radio 1	M CHN	b	
17550	0600-0900 We-Mo	CHN China National Radio 1	M CHN	b	
17550	0900-1030	CHN China National Radio 1	M CHN	b	
17560	0900-1800 irr	F TDF DIGITAL	F Waf	i	
17560	0330-0350	J NHK Radio Japan	R FE	y	
17560	0000-0100	ROU Radio Romania Int.	S SAm	t	
17560	0730-0800	ROU Radio Romania Int.	A ME	t	
17560	0800-0900 Su	ROU Radio Romania Int.	RO ME	t	
17565	0100-0600	CHN China National Radio 1	M CHN	h	
17565	0600-0730 We-Mo	CHN China National Radio 1	M CHN	h	
17570	0900-1000	CHN China Radio Int.	E Eu	u	
17570	1000-1100	CHN China Radio Int.	HU Eu	ka	
17570	1100-1200	CHN China Radio Int.	CZ Eu	ka	
17570	1215-1300 We	D Deutsche Welle	A ME	/F-i	
17570	2200-2300	ROU Radio Romania DIGITAL	S SAm	s	
17575	1500-1600	G BBC DIGITAL	E SAs	w	
17580	0200-0600	CHN China National Radio 1	M CHN	L	
17580	0600-0900 We-Mo	CHN China National Radio 1	M CHN	L	
17580	0900-1000	CHN China National Radio 1	M CHN	L	
17600	0700-0100	ALG Ifrikya FM	A Caf	b	
17605	0100-0200	CHN CNR1 DIGITAL	M Oc	k	
17605	0200-0300	CHN CNR1 DIGITAL	M Oc	k	
17615	0600-0800	CHN China Radio Int.	D WEu	u	

17620	0900-1100	CHN China Radio Int.	M SAs	ka
17620	0900-1000	F Radio France Int.	F Waf	i
17620	1700-1730	F Radio France Int.	MAN Waf	i
17620	1730-1800	F Radio France Int.	FU Waf	i
17620	2300-2400	USA Adventist World Radio	M FE	/GUM-a
17625	0000-0600	CHN CNR 2 China Business R.	M CHN	B
17625	0600-0900 Th-Tu	CHN CNR 2 China Business R.	M CHN	B
17630	1430-1500	CHN China Radio Int.	E Eaf	/MLI
17630	1500-1600	CHN China Radio Int.	E Eaf	/MLI
17640	0400-0500	CHN China Radio Int.	R CAs	x
17640	1200-1230	G BBC	F Waf	/ASC
17640	0900-1000 Su	ROU Radio Romania Int.	RO ME	t
17640	1000-1100 Su	ROU Radio Romania Int.	RO Naf	t
17640	1100-1200	ROU Radio Romania Int.	F Naf	t
17640	2200-2300	ROU Radio Romania Int.	S SAm	t
17650	2230-2300 Mo	AUS Reach Beyond Australia	E J	ku
17650	2230-2300 Tu-Su	AUS Reach Beyond Australia	J J	ku
17650	1430-1500 Sa	CAN Bible Voice	E SAs	/D-n
17650	0600-0700	CHN China Radio Int.	M Eu	ka
17650	0700-0800	CHN China Radio Int.	M Eu	ka
17650	0800-0900	CHN China Radio Int.	M Eu	ka
17650	0900-1000	CHN China Radio Int.	E Eu	ka
17650	1000-1100	CHN China Radio Int.	M Eu	ka
17650	1100-1200	CHN China Radio Int.	M Eu	ka
17650	0100-0600	CHN CNR1 DIGITAL	M CHN	k
17650	1500-1600	TUR Voice of Turkey	A Naf	e
17650	0000-0030	USA Adventist World Radio	BR SEA	/GUM-a
17660	0830-0900	F Radio France Int.	FU Waf	i
17660	1200-1300	F Radio France Int.	F Waf	i
17660	0600-0620	J NHK Radio Japan	A ME	/F-i
17660	0500-0530	ROU Radio Romania Int.	M FE	t
17670	0700-0900	CHN China Radio Int.	E Naf	ka
17670	0900-1000	CHN China Radio Int.	M Oc	k
17670	1000-1100	CHN China Radio Int.	CA Oc	k
17670	1200-1300	CHN China Radio Int.	M Eu	ka
17670	1400-1730 SaSu	G BBC	HA Waf	/ASC
17675	2059-0558	NZL RNZ Pacific	E Oc	r
17680	0200-1000	CHN China National Radio 13	UI CHN	b
17680	0930-1030	CHN China Radio Int.	ML INS	k
17680	1030-1130	CHN China Radio Int.	KH SEA	k
17690	0000-0100	CHN China Radio Int.	M SEA	x
17690	0100-0200	CHN China Radio Int.	M SEA	x
17690	0900-1000	CHN China Radio Int.	E Oc	j
17690	1000-1100	CHN China Radio Int.	E Oc	j
17690	0500-0600	G BBC	E Eaf	/UAE
17700	1500-1700 Sa	G BBC	E Caf	/UAE
17700	1630-1830 Su	G BBC	E Caf	/CVA
17700	1200-1300	ROU Radio Romania Int.	E WEu	t

17700	1400-1415 Tu	USA Trans World Radio	BON SAs	/MDG
17700	1400-1415 Sa	USA Trans World Radio	BUN SAs	/MDG
17700	1400-1415 Su	USA Trans World Radio	HAR SAs	/MDG
17700	1400-1415 Mo	USA Trans World Radio	HO SAs	/MDG
17700	1400-1415 Th	USA Trans World Radio	KUI SAs	/MDG
17700	1400-1415 We	USA Trans World Radio	KUR SAs	/MDG
17700	1400-1415 Fr	USA Trans World Radio	SNT SAs	/MDG
17700	1415-1430 Mo	USA Trans World Radio	AW SAs	/MDG
17700	1415-1430 Su	USA Trans World Radio	BB SAs	/MDG
17700	1415-1430 Fr	USA Trans World Radio	E SAs	/MDG
17700	1415-1430 Tu,Th	USA Trans World Radio	HI SAs	/MDG
17700	1415-1430 We	USA Trans World Radio	MW SAs	/MDG
17700	1415-1445 Sa	USA Trans World Radio	HI SAs	/MDG
17700	1430-1445 Fr	USA Trans World Radio	BE SAs	/MDG
17700	1430-1445 Th	USA Trans World Radio	DZ SAs	/MDG
17700	1430-1445 Mo-We	USA Trans World Radio	E SAs	/MDG
17700	1430-1445 Su	USA Trans World Radio	MEI SAs	/MDG
17700	1445-1446 Mo-Fr	USA Trans World Radio	E SAs	/MDG
17700	1445-1500 Su	USA Trans World Radio	BHT SAs	/MDG
17700	1445-1500 Sa	USA Trans World Radio	DES SAs	/MDG
17700	1446-1500 Mo-Fr	USA Trans World Radio	HI SAs	/MDG
17710	0400-0500	CHN China Radio Int.	HK SEA	k
17710	0600-0700	CHN China Radio Int.	E SEA	b
17710	0700-0800	CHN China Radio Int.	E SEA	b
17710	0800-1100	CHN CNR1 DIGITAL	M CHN	k
17710	0500-0530	ROU Radio Romania Int.	M FE	t
17715	0000-0300 Tu-Sa E	Radio Exterior España	S SAm	n
17715	1500-2300 SaSu E	Radio Exterior España	S SAm	n
17715	1900-2100 Mo-Fr E	Radio Exterior España	S SAm	n
17715	2100-2130 Fr E	Radio Exterior España	A SAm	n
17715	2100-2130 Tu-Th E	Radio Exterior España	S SAm	n
17715	2100-2130 Mo E	Radio Exterior España	SEF SAm	n
17715	2130-2200 Mo E	Radio Exterior España	M SAm	n
17715	2130-2200 Tu-Fr E	Radio Exterior España	S SAm	n
17715	2200-2300 Mo-Fr E	Radio Exterior España	S SAm	n
17715	2300-2330 Th E	Radio Exterior España	P SAm	n
17715	2300-2330 Sa E	Radio Exterior España	R SAm	n
17715	2300-2330 157 E	Radio Exterior España	S SAm	n
17715	2300-2400 We E	Radio Exterior España	E SAm	n
17715	2300-2400 Tu E	Radio Exterior España	F SAm	n
17715	2330-2400 Th-Mo E	Radio Exterior España	S SAm	n
17715	1100-1200	TUR Voice of Turkey	F WEu	e
17720	0600-0800	CHN China Radio Int.	D WEu	ka
17720	1300-1350 Mo-Fr	CLA Shan News Radio	BR MYA	/UAE
17730	0000-0100	CHN China Radio Int.	E SEA	x
17730	0100-0200	CHN China Radio Int.	E SEA	x
17730	0400-0500	CHN China Radio Int.	E CAs	x
17730	0500-0600	CHN China Radio Int.	E CAs	x

17730	1400-1800 irr	F TDF DIGITAL	F NEu	i	
17730	2000-2100 irr	F TDF DIGITAL	F CAm	i	
17735	0830-0930	CHN China Radio Int.	IN INS	k	
17735	1330-1400 We,Su	USA Adventist World Radio	ASS NIn		/GUM-a
17740	0400-0500	CHN China Radio Int.	VN SEA	x	
17740	0500-0600	CHN China Radio Int.	VN SEA	x	
17740	0600-0700	CHN China Radio Int.	M SEA	x	
17740	0700-0800	CHN China Radio Int.	M SEA	x	
17750	0700-0800	CHN China Radio Int.	AM SEA	x	
17750	0900-1000	CHN China Radio Int.	E SAs	ka	
17750	1000-1100	CHN China Radio Int.	E SAs	ka	
17750	0500-0600 Sa	G BBC	KNK EAf		/MDG
17750	0529-0600 Su	G BBC	KNK EAf		/MDG
17750	0800-0900 Su	ROU Radio Romania Int.	RO IRN	g	
17750	0900-1000 Su	ROU Radio Romania Int.	RO EGY	g	
17755	1500-2300 SaSu	E Radio Exterior España	S Af	n	
17755	1600-1900 Mo-Fr	E Radio Exterior España	S Af	n	
17755	1900-2100 Mo-Fr	E Radio Exterior España	S Af	n	
17755	2100-2130 Fr	E Radio Exterior España	A Af	n	
17755	2100-2130 Tu-Th	E Radio Exterior España	S Af	n	
17755	2100-2130 Mo	E Radio Exterior España	SEF Af	n	
17755	2130-2200 Mo	E Radio Exterior España	M Af	n	
17755	2130-2200 Tu-Fr	E Radio Exterior España	S Af	n	
17755	2200-2300 Mo-Fr	E Radio Exterior España	S Af	n	
17755	2300-2330 Th	E Radio Exterior España	P Af	n	
17755	2300-2330 Sa	E Radio Exterior España	R Af	n	
17755	2300-2330 157	E Radio Exterior España	S Af	n	
17755	2300-2400 We	E Radio Exterior España	E Af	n	
17755	2300-2400 Tu	E Radio Exterior España	F Af	n	
17755	2330-2400 Th-Mo	E Radio Exterior España	S Af	n	
17755	1330-1400	USA Adventist World Radio	LIS SEA		/GUM-a
17760	0300-0400	CHN CNR1 DIGITAL	M Oc	k	
17760	0700-0800	CHN CNR1 DIGITAL	M Oc	k	
17760	0800-0900	CHN CNR1 DIGITAL	M Oc	k	
17760	0000-0100	TWN Sound of Hope	M FE		
17760	0100-0200	TWN Sound of Hope	M FE		
17760	0200-1200	TWN Sound of Hope	M FE		
17760	2300-2400	TWN Sound of Hope	M FE		
17770	0100-0900	CHN CNR1 DIGITAL	M CHN	d	
17770	0900-0930	TUR Voice of Turkey	TK CAs	e	
17775	1100-1145 Sa	CVA Radio Vaticana	M FE		
17775	1200-1300	TUR Voice of Turkey	M FE	e	
17780	2300-1400	CHN CNR1 Jammer/Firedrake	M FE		
17780	1630-1730 Su	G BBC	E WAf	w	
17780	1700-1800 Mo-Fr	G BBC	E WAf		/ASC
17780	1730-1830 Su	G BBC	E WAf		/ASC
17780	0630-0700	ROU Radio Romania Int.	E AUS	g	
17780	0700-0800	TUR Voice of Turkey	SWA EAf	e	

17780.3	0000-0100	TWN Sound of Hope	M	FE	
17780.3	0100-0200	TWN Sound of Hope	M	FE	
17780.3	0200-1200	TWN Sound of Hope	M	FE	
17780.3	1200-1300	TWN Sound of Hope	M	FE	
17780.3	1300-1400	TWN Sound of Hope	M	FE	
17780.3	2300-2400	TWN Sound of Hope	M	FE	
17785	0100-0600	CHN China National Radio 8	MO	CHN	u
17790	0200-0230	CLA Radio NUG	BR	MYA	/TWN-p
17790	0930-1050 Su	CVA Radio Vaticana	LTO	Cau	
17790	0930-1050 1.Su	CVA Radio Vaticana	GZ	EAf	
17790	1130-1200 Fr	CVA Radio Vaticana	E	ME	
17790	0000-0030	CZE Radio Prague	S	LAm	/USA-o
17790	2230-2300	CZE Radio Prague	E	LAm	/USA-o
17790	2300-2330	CZE Radio Prague	F	LAm	/USA-o
17790	2330-2400	CZE Radio Prague	E	LAm	/USA-o
17790	0400-0500	ROU Radio Romania Int.	E	SAs	g
17790	1400-1600	ROU Radio Romania Int.	RO	SEu	g
17790	0030-0100	SVK Radio Slovakia Int.	S	LAm	/USA-o
17790	0130-0200	SVK Radio Slovakia Int.	E	LAm	/USA-o
17790	0100-0130	TWN Radio Taiwan Int.	S	LAm	/USA-o
17790	2200-2230	TWN Radio Taiwan Int.	S	LAm	/USA-o
17790	1500-2130	USA PAB Radio Africa	E	SAm	o
17790	2130-2200	USA WRMI Radio Miami Int.	E	ENA	o
17800	2300-0600	CHN China National Radio 8	MO	CHN	qq
17800	1430-1450	CVA Radio Vaticana	HI	SAs	
17800	1450-1510	CVA Radio Vaticana	TAM	SAs	
17800	1510-1530	CVA Radio Vaticana	MAL	SAs	
17800	1000-1100 Su	ROU Radio Romania Int.	RO	SEu	g
17800	1100-1200	ROU Radio Romania Int.	F	SEu	g
17800	1200-1300	ROU Radio Romania Int.	E	EAf	g
17805	2100-2200 irr	F TDF DIGITAL	F	CAm	i
17810	1230-1250	CVA Radio Vaticana	R	Sib	
17810	0430-0500	G BBC	DR	AFG	/OMA-a
17810	0500-0530	G BBC	PS	AFG	/OMA-a
17810	0700-0730 Su-Th	G BBC	A	EAf	/CVA
17810	0830-0930	G BBC	DR	AFG	/OMA-a
17810	0930-1030	G BBC	PS	AFG	/OMA-a
17810	1030-1100	G BBC	DR	AFG	/OMA-a
17810	1100-1130	G BBC	PS	AFG	/OMA-a
17810	0200-0500	J NHK Radio Japan	J	SEA	y
17810	1300-1330	ROU Radio Romania Int.	A	NAf	t
17810	1530-1630 Mo	USA VoRW	E	SAs	/F-i
17815	0559-0700	G BBC DIGITAL	E	EAf	/OMA-a
17825	1400-1600	G BBC DIGITAL	E	SAs	/OMA-a
17830	0100-0800	CHN CNR1 DIGITAL	M	CHN	u
17830	0800-0900 Su	ROU Radio Romania Int.	RO	IRN	g
17830	0900-1000 Su	ROU Radio Romania Int.	RO	EGY	g
17840	0200-0300	CHN China Radio Int.	M	SAm	b

17840	0500-0600	CHN China Radio Int.	M Sib	b
17840	0600-0700	CHN China Radio Int.	M Sib	b
17850	0700-0800	F Radio France Int.	F CAf	i
17850	0800-0900	F Radio France Int.	F WAf	i
17850	0900-1000	F Radio France Int.	F WAf	i
17850	1800-1900	F Radio France Int.	F CAf	i
17850	1900-2000	F Radio France Int.	F CAf	i
17855	0400-0500	CHN China Radio Int.	E CAs	b
17855	0500-0600	CHN China Radio Int.	E CAs	b
17865	0400-0500	CHN CNR1 DIGITAL	M Oc	k
17865	0500-0600	CHN CNR1 DIGITAL	M Oc	k
17865	0600-0700	CHN CNR1 DIGITAL	M Oc	k
17865	0830-0930	S IBRA Radio	DR AFG	/UAE
17865	0930-1030	S IBRA Radio	DR AFG	/UAE
17870	0600-0800	CHN CNR1 DIGITAL	M CHN	k
17870	0200-0300	J NHK Radio Japan	J FE	y
17880	1300-1400	CHN China Radio Int.	F EAf	/MLI
17880	1600-1700	CHN China Radio Int.	A NAf	/MLI
17890	0000-0600	CHN China National Radio 1	M CHN	b
17890	0600-0900	We-Mo CHN China National Radio 1	M CHN	b
17890	0900-0930	CHN China National Radio 1	M CHN	b
17900	1700-1900	USA Brother Stair	E Eu	/BUL-s
17901	0000-2400	PNR Albrook HFDL (ID11)	-HF CAm	al
17904	0000-2400	AUS Brisbane Radio	E Oc	ae
17904	0000-2400	FJI Nadi Radio	E Oc	n
17904	0000-2400	NZL Auckland Radio	E Oc	a
17904	0000-2400	OCE Tahiti Radio	E Oc	fa
17904	0000-2400	PHL Manila Radio	E WOC	
17904	0000-2400	USA San Francisco Radio CWP	E WOC	/GUM-b
17904	0000-2400	USA San Francisco Radio CWP	E WOC	/HWA-m
17904	0000-2400	USA San Francisco Radio SP	E Oc	/HWA-m
17907	0000-2400	TRD Piarco Radio CAR-B	E Car	
17907	0000-2400	USA New York Radio	E Car	bg
17916	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF SAm	sz
17916	0000-2400	NZL Auckland Radio	E Oc	a
17916	0000-2400	NZL Auckland HFDL (ID5)	-HF SOc	a
17916	0600-1800	S Stockholm Radio (Air)	E Eu	gr
17916	1800-0600	S Stockholm Radio (Air)	E Eu	gr
17919	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba
17919	0000-2400	GUM Agana Guam HFDL (ID16)	-HF WOC	h
17919	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m
17919	0000-2400	USA Riverhead HFDL (ID4)	-HF ENA	rh
17919	0000-2400	USA San Francisco HFDL (ID1)	-HF WNA	dx
17922	0000-2400	AFS Johannesburg HFDL (ID8)	-HF SAf	j
17925	0000-2400	USA San Francisco R. LDOC	E Oc	dx
17928	0000-2400	CNR Canarias HFDL (ID17)	-HF WAf	gc
17928	0000-2400	THA Hat Yai HFDL (ID6)	-HF SEA	hy
17934	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba

17946	1200-1800	AZR Santa Maria Radio A	E	NAO	sm
17946	0000-2400	IRL Shannon Aeradio F	E	NAO	s
17946	0000-2400	USA New York Radio	E	NAO	bg
17946	0000-2400	USA San Francisco Radio NP	E	NOc	/ALS-ba
17946	0000-2400	USA San Francisco Radio NP	E	NOc	/HWA-m
17952	0000-2400	USA New York Radio	E	NAO	bg
17958	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF	FE	m
17967	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF	ME	m
17985	0000-2400	ISL Reykjavik HFDL (ID3)	-HF	NAO	r
18030	0000-2400	RUS AF Transport Davlenie	R	EEu	tc
18030	0000-2400	RUS AF Transport Kasta	R	EEu	to
18030	0000-2400	RUS AF Transport Klarnetist	R	EEu	to
18030	0000-2400	RUS AF Transport Korsar	R	EEu	m
18030	0000-2400	RUS AF Transport Magnetron	R	EEu	sc
18030	0000-2400	RUS AF Transport Polis	R	EEu	o2
18030	0000-2400	RUS AF Transport Proselok	R	EEu	ps
18040	0000-0100	TWN Star-Star Bc.Station	M	CHN	y
18040	0100-0200	TWN Star-Star Bc.Station	M	CHN	y
18060	0015-0215	AUS VMW Wiluna Met Fax		Oc	w
18060	0245-0330	AUS VMW Wiluna Met Fax		Oc	w
18060	0400-0945	AUS VMW Wiluna Met Fax		Oc	w
18060	1015-1100	AUS VMW Wiluna Met Fax		Oc	w
18060	2215-2400	AUS VMW Wiluna Met Fax		Oc	w
18180	2300-1200	CHN CNR1 Jammer/Firedrake	M	FE	
18180	0000-0100	TWN Sound of Hope	M	FE	
18180	0100-0200	TWN Sound of Hope	M	FE	
18180	0200-1200	TWN Sound of Hope	M	FE	
18180	2300-2400	TWN Sound of Hope	M	FE	
18200	2300-1300	CHN CNR1 Jammer/Firedrake	M	FE	
18200	0000-0100	TWN Sound of Hope	M	FE	
18200	0100-0200	TWN Sound of Hope	M	FE	
18200	0200-1200	TWN Sound of Hope	M	FE	
18200	1200-1300	TWN Sound of Hope	M	FE	
18200	2300-2400	TWN Sound of Hope	M	FE	
18235	0000-2400	CHN BAF Beijing Meteo Fax	FE		bm
18285	0600-0610 Th	RUS E06 Russian Spy Numbers	E	RUS	xx
18900	2200-1200	CHN CNR1 Jammer/Firedrake	M	CHN	
18900.2	0000-0100	TWN Sound of Hope	M	FE	
18900.2	0100-0200	TWN Sound of Hope	M	FE	
18900.2	0200-1200	TWN Sound of Hope	M	FE	
18900.2	2200-2300	TWN Sound of Hope	M	FE	
18900.2	2300-2400	TWN Sound of Hope	M	FE	
18970	2200-1200	CHN CNR1 Jammer/Firedrake	M	CHN	
18970	0000-0100	TWN Sound of Hope	M	FE	
18970	0100-0200	TWN Sound of Hope	M	FE	
18970	0200-1200	TWN Sound of Hope	M	FE	
18970	2200-2300	TWN Sound of Hope	M	FE	
18970	2300-2400	TWN Sound of Hope	M	FE	

19052	0100-0200	TWN Star-Star Bc.Station	M	CHN	y
19052	1000-1100	TWN Star-Star Bc.Station	M	CHN	y
19052	1100-1200	TWN Star-Star Bc.Station	M	CHN	y
19052	1300-1400	TWN Star-Star Bc.Station	M	CHN	y
19764	0000-2400	S Stockholm Radio	E	NEu	gr
19770	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
19770	0000-2400	I Romaradio IAR	I	SEu	r
19779	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
19791	0000-2400	S Stockholm Radio	E	NEu	gr
19794	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
20000	0000-2400	USA WWV Colorado (m.ann.)	-TS	USA	fe
20025	0100-0200	TWN Star-Star Bc.Station	M	CHN	y
20025	1000-1100	TWN Star-Star Bc.Station	M	CHN	y
20025	1100-1200	TWN Star-Star Bc.Station	M	CHN	y
20047.7	0000-2400	RUS Channel Marker D	-CW	EEu	se
20047.8	0000-2400	RUS Channel Marker P	-CW	RUS	kl
20047.9	0000-2400	RUS Channel Marker S	-CW	RUS	sm
20048	0000-2400	RUS Channel Marker C	-CW	RUS	m
20048.1	0000-2400	RUS Channel Marker A	-CW	RUS	as
20048.2	0000-2400	RUS Channel Marker F	-CW	FE	vl
20048.3	0000-2400	RUS Channel Marker K	-CW	FE	pk
20048.4	0000-2400	RUS Channel Marker M	-CW	FE	mg
20095	1000-1100	TWN Star-Star Bc.Station	M	CHN	y
20095	1100-1200	TWN Star-Star Bc.Station	M	CHN	y
20095	1400-1500	TWN Star-Star Bc.Station	M	CHN	y
20095	1500-1600	TWN Star-Star Bc.Station	M	CHN	y
20140	0700-0710 Th	RUS E06 Russian Spy Numbers	E	RUS	xx
20469	0015-0215	AUS VMC Charleville Met Fax	Oc		c
20469	0245-0330	AUS VMC Charleville Met Fax	Oc		c
20469	0400-0500	AUS VMC Charleville Met Fax	Oc		c
20469	0600-0855	AUS VMC Charleville Met Fax	Oc		c
20469	1915-2045	AUS VMC Charleville Met Fax	Oc		c
20469	2215-2400	AUS VMC Charleville Met Fax	Oc		c
21470	1400-1430 Mo-Fr G	BBC	HA	Waf	w
21470	0630-0700	ROU Radio Romania DIGITAL	E	AUS	s
21470	0900-1000 Su	ROU Radio Romania Int.	RO	ME	t
21470	1000-1100 Su	ROU Radio Romania Int.	RO	NAf	t
21470	1200-1300	ROU Radio Romania Int.	E	EAF	t
21490	0000-2400	CHN CNR1 Jammer/Firedrake	M	CHN	
21490.1	0000-0100	TWN Sound of Hope	M	FE	
21490.1	0100-0200	TWN Sound of Hope	M	FE	
21490.1	0200-1200	TWN Sound of Hope	M	FE	
21490.1	1200-1300	TWN Sound of Hope	M	FE	
21490.1	1300-1400	TWN Sound of Hope	M	FE	
21490.1	1400-1500	TWN Sound of Hope	M	FE	
21490.1	1500-1600	TWN Sound of Hope	M	FE	
21490.1	1600-1700	TWN Sound of Hope	M	FE	
21490.1	1700-2000	TWN Sound of Hope	M	FE	

21490.1	2000-2100	TWN Sound of Hope	M	FE	
21490.1	2100-2130	TWN Sound of Hope	M	FE	
21490.1	2130-2200	TWN Sound of Hope	M	FE	
21490.1	2200-2300	TWN Sound of Hope	M	FE	
21490.1	2300-2400	TWN Sound of Hope	M	FE	
21500	1200-1230	G BBC	F	NAf	w
21550	0000-0100	TWN Sound of Hope	M	FE	
21550	0100-0200	TWN Sound of Hope	M	FE	
21550	0200-1200	TWN Sound of Hope	M	FE	
21550	1200-1300	TWN Sound of Hope	M	FE	
21550	1300-1400	TWN Sound of Hope	M	FE	
21550	1400-1500	TWN Sound of Hope	M	FE	
21550	2130-2200	TWN Sound of Hope	M	FE	
21550	2200-2300	TWN Sound of Hope	M	FE	
21550	2300-2400	TWN Sound of Hope	M	FE	
21565	1200-1400	G BBC	E	INS	/MDG
21580	0700-0800	F Radio France Int.	F	CAf	i
21580	0800-0900	F Radio France Int.	F	CAf	i
21580	0900-1000	F Radio France Int.	F	CAf	i
21580	1200-1300	F Radio France Int.	F	Waf	i
21580	1200-1300	F Radio France Int.	F	CAf	i
21580	1300-1330	F Radio France Int.	FU	Waf	i
21580	1600-1700	F Radio France Int.	HA	Waf	i
21580	1700-1800	F Radio France Int.	F	CAf	i
21595.1	1200-1300	KEN Radio Ergo	SO	Eaf	/UAE
21615	1200-1230	F Radio France Int.	MAN	Waf	i
21630	2200-1300	CHN CNR1 Jammer/Firedrake	M	FE	
21630	0400-1200	G BBC DIGITAL	E	SAs	/OMA-a
21630	1200-1500	SaSu G BBC	HA	Waf	/ASC
21630	1400-1430	Mo-Fr G BBC	HA	Waf	/ASC
21630	1500-1700	Sa G BBC	E	Waf	w
21630	0000-0100	TWN Sound of Hope	M	FE	
21630	0100-0200	TWN Sound of Hope	M	FE	
21630	0200-1200	TWN Sound of Hope	M	FE	
21630	1200-1300	TWN Sound of Hope	M	FE	
21630	2200-2300	TWN Sound of Hope	M	FE	
21630	2300-2400	TWN Sound of Hope	M	FE	
21645	2200-1300	CHN CNR1 Jammer/Firedrake	M	FE	
21645	0000-0100	TWN Sound of Hope	M	FE	
21645	0100-0200	TWN Sound of Hope	M	FE	
21645	0200-1200	TWN Sound of Hope	M	FE	
21645	1200-1300	TWN Sound of Hope	M	FE	
21645	2200-2300	TWN Sound of Hope	M	FE	
21645	2300-2400	TWN Sound of Hope	M	FE	
21660	1500-1600	F Mini Transat Weather	F,E	NAO	i
21660	1200-1230	G BBC	F	CAf	w
21660	1700-1730	Su USA Follow the Bible Min.	SWA	Eaf	/ASC
21690	0800-0900	F Radio France Int.	F	CAf	i

21690	0900-1000	F Radio France Int.	F CAf	i	
21690	1000-1100	F Radio France DIGITAL	F Waf	i	
21690	1200-1300	F Radio France Int.	F CAf	i	
21690	1500-1600	F Radio France Int.	SWA Eaf	i	
21690	1600-1700	F Radio France DIGITAL	F Waf	i	
21690	1700-1800	F Radio France Int.	F CAf	i	
21690	1800-1900	F Radio France Int.	F CAf	i	
21710	0800-2000 irr	F TDF DIGITAL	F ME	i	
21710	1600-1700 irr	F TDF DIGITAL	F NAO	i	
21730	1300-1315	CVA Radio Vaticana	S Car		
21745	1100-1145 Sa	CVA Radio Vaticana	M FE		
21760	1100-1145 Sa	CVA Radio Vaticana	M FE		
21800	2300-1400	CHN CNR1 Jammer/Firedrake	M FE		
21800	0000-0100	TWN Sound of Hope	M FE		
21800	0100-0200	TWN Sound of Hope	M FE		
21800	0200-1200	TWN Sound of Hope	M FE		
21800	1200-1300	TWN Sound of Hope	M FE		
21800	1300-1400	TWN Sound of Hope	M FE		
21800	2300-2400	TWN Sound of Hope	M FE		
21855	1400-1600 irr	F TDF DIGITAL	F SAs	i	
21906	0510-0520 Mo,We	POL S11a Polish Spy Numbers	R		p
21925	0000-2400	USA New York Radio	E NAO	bg	
21925	0000-2400	USA San Francisco Radio NP	E NOc	/ALS-ba	
21925	0000-2400	USA San Francisco Radio NP	E NOc	/HWA-m	
21928	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba	
21928	0000-2400	GUM Agana Guam HFDL (ID16)	-HF WOc	h	
21931	0000-2400	KOR Seoul Muan HFDL (ID10)	-HF FE	m	
21931	0000-2400	USA Riverhead HFDL (ID4)	-HF ENA	rh	
21934	0000-2400	USA San Francisco HFDL(ID1)	-HF WNA	dx	
21937	0000-2400	ALS Barrow HFDL (ID9)	-HF NOc	ba	
21937	0000-2400	HWA Moloka'i HFDL (ID2)	-HF Oc	m	
21946	0000-2400	USA New York Radio	E NAO	bg	
21949	0000-2400	AFS Johannesburg HFDL (ID8)	-HF SAf	j	
21949	0000-2400	THA Hat Yai HFDL (ID6)	-HF SEA	hy	
21955	0000-2400	CNR Canarias HFDL (ID17)	-HF Waf	gc	
21964	0000-2400	USA New York Radio	E NAO	bg	
21964	0000-2400	USA San Francisco Radio CEP	E EOc	dx	
21964	0000-2400	USA San Francisco R. LDOC	E Oc	dx	
21982	0000-2400	BHR Al Muharraq HFDL (ID15)	-HF ME	m	
21985	0000-2400	USA New York Radio CAR-B	E Car	bg	
21985	0000-2400	USA San Francisco Radio CWP	E WOc	/GUM-b	
21997	0000-2400	BOL Santa Cruz HFDL (ID13)	-HF SAm	sz	
22376	0230-0240	GUM NRV NAVTEX Guam	E WOc		
22376	0500-0510	GUM NRV NAVTEX Guam	E WOc		
22376	0900-0910	GUM NRV NAVTEX Guam	E WOc		
22376	1500-1510	GUM NRV NAVTEX Guam	E WOc		
22376	1900-1910	GUM NRV NAVTEX Guam	E WOc		
22376	2315-2325	GUM NRV NAVTEX Guam	E WOc		

22376	0130-0140	HWA NMO NAVTEX Honolulu	E	Oc	nm
22376	2030-2040	HWA NMO NAVTEX Honolulu	E	Oc	nm
22442	0000-2400	CHN XSV Tianjin Radio	-TY	FE	tj
22477.5	1800-0100 Sa	USA MRHS KPH Bolinas, CA	-CW	WNA	pr
22527	1840-2215	USA NMC Fax Pt Reyes CA		WNA	pr
22527	2320-2400	USA NMC Fax Pt Reyes CA		WNA	pr
22559.6	0700-0715 Mo,We J	JFX Kagoshima Fish.Fax		WOc	m
22611.5	0000-0900	KOR HLF Seoul Radio	-CW	FE	
22688	0000-2400	CHN XSV Tianjin Radio	-TY	FE	tj
22696	0000-2400	CHN XSV Tianjin Radio	M	FE	tj
22702	0000-2400	S Stockholm Radio	E	NEu	gr
22720	1145-1245	GRC SVO Olimpia Radio	GR	SEu	o
22720	1945-2000	GRC SVO Olimpia Radio	GR	SEu	o
22726	0000-2400	S Stockholm Radio	E	NEu	gr
22732	0000-2400	S Stockholm Radio	E	NEu	gr
22735	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
22735	0000-2400	TUR TAH Turk Radio Istanbul	E	ME	is
22738	0000-2400	CHN XSV Tianjin Radio	M	FE	tj
22753	0000-2400	CHN XSQ Guangzhou Radio	M	FE	gx
22756	0000-2400	I Romaradio IAR	I	SEu	r
22762	0000-2400	TUR TAH Turk Radio Istanbul	E	ME	is
22777	0000-2400	S Stockholm Radio	E	NEu	gr
22783	0000-2400	S Stockholm Radio	E	NEu	gr
22783	0000-2400	TUR TAH Turk Radio Istanbul	E	ME	is
22837	0000-2400	CHN XSV Tianjin Radio	M	FE	tj
23004	0600-0610 Mo,We	POL E11 Polish Spy Numbers	E		p
23210	0600-1800	S Stockholm Radio (Air)	E	Eu	gr
23353	0830-0840 Mo,Fr	POL E11 Polish Spy Numbers	E		p
23486	0725-0735 We,Fr	POL S11a Polish Spy Numbers	R		p
25000	0000-2400	FIN MIKES Espoo (1 W)	-TS	FIN	o
25000	0000-2400	USA WWV Colorado (m.ann.)	-TS	USA	fg
25800	0000-2400	DNK World Music Radio	E	Eu	a
25900	1530-1800 Mo-Sa	RUS Radio MTUSI	R	EEu	mt
25910	0000-2400	USA WBAP Fort Worth, TX	E	USA	wb
25950	0000-2400	USA KOA Denver, CO	E	USA	de
25990	0000-2400	USA KSCS Arlington, TX	E	USA	kc
26110	0000-2400	USA KOVR Sacramento, CA	E	WNA	ws
26151	0000-2400	CHN XSV Tianjin Radio	M	FE	tj
26160	0000-2400	S Stockholm Radio	E	NEu	gr
26163	0000-2400	GRC SVO Olimpia Radio	-TY	SEu	o
26169	0000-2400	S Stockholm Radio	E	NEu	gr
26172	0000-2400	I Romaradio IAR	I	SEu	r
26190	0000-2400	USA KSL Salt Lake City, UT	E	USA	ks
26450	0000-2400	USA WLW Cincinnati, OH	E	USA	ci
28320	0830-0900 Su	AUS VK2WI News Broadcast	E	AUS	du
28320	2300-2400 Sa	AUS VK2WI News Broadcast	E	AUS	du
28536	2200-2212 Fr-Su	ATA LU1ZV LRA36 Bulletin	S	ATA	e
28536	2300-2312 Fr-Su	ATA LU1ZV LRA36 Bulletin	E	ATA	e

