



UIT - BUREAU DES
RADIOCOMMUNICATIONS

**CONTRÔLE
INTERNATIONAL DES
ÉMISSIONS**

Cette publication contient les résultats de contrôle des émissions soumis par les administrations conformément à la lettre circulaire du BR CR/159 du 9 mai 2001

RÉSUMÉ N°:

SUMMARY N°: **384**

RESUMEN N°:

Colonne description

Col.	Rubrique	Description
1	M_ADM	Administration responsable du centre de contrôle des émissions
2	M_CENTER	Centre de contrôle des émissions où les observations ont été faites
3	M_FREQ	Fréquence mesurée en kHz
4	M_JOUR	Jour pendant lequel l'observation a été faite
5	M_MOIS	Mois pendant lequel l'observation a été faite
6	M_HEURED	Heure de début de l'émission observée
7	M_HEUREF	Heure de fin de l'émission observée
8	M_DB	Valeur du champ mesuré en dB
9	M_IDEN	Identification de l'émission observée
10	M_ADMIN	Administration responsable de l'émission observée
11	M_CLST	Classe de la station contrôlée
12	M_BAND	Largeur de bande occupée
13	M_CLEM	Classe d'émission
14	M_LONG1	Degrés de la longitude
15	M_LONG2	Longitude Est ou Ouest
16	M_LONG3	Minutes de la longitude
17	M_LAT1	Degrés de la latitude
18	M_LAT2	Latitude Nord ou Sud
19	M_LAT3	Minutes de la latitude
20	M_BEAR	Relèvement de la station en degrés.
21	M_PREC	Précision estimée de la position ou la classification du relèvement
22	M_RR	Numéro de la colonne contenant les caractéristiques non conformes
23	M_REMARK	Remarques

ITU - RADIOCOMMUNICATION
BUREAU

INTERNATIONAL MONITORING

This publication contains spectrum monitoring information submitted by administrations in accordance with BR circular letter CR/159 of 9 May 2001

Période :

Monitoring Period: **01.10.24 - 31.12.24**

Período :

Column description

Col.	Item	Description
1	M_ADM	Administration code responsible for the monitoring centre
2	M_CENTER	Monitoring centre where the observation was made.
3	M_FREQ	Frequency measured in kilohertz
4	M_JOUR	Day during which the observation was made
5	M_MOIS	Month during which the observation was made
6	M_HEURED	Starting time of the observed emission
7	M_HEUREF	Finishing time of the observed emission
8	M_DB	Field strength measured in dB
9	M_IDEN	Identification of the observed emission
10	M_ADMIN	Administration code responsible for the observed emission
11	M_CLST	Class of station of the monitored emission
12	M_BAND	Occupied bandwidth
13	M_CLEM	Class of emission
14	M_LONG1	Degrees portion of Longitude
15	M_LONG2	East or West Longitude
16	M_LONG3	Minutes portion of Longitude
17	M_LAT1	Degrees portion of Latitude
18	M_LAT2	North or South Latitude
19	M_LAT3	Minutes portion of Latitude
20	M_BEAR	Bearing of the station in degrees
21	M_PREC	Estimated accuracy or the classification of bearing
22	M_RR	Number of the column containing characteristics which are not in conformity
23	M_REMARK	Remarks

UIT - OFICINA DE
RADIOCOMUNICACIONES

**COMPROBACIÓN TÉCNICA
INTERNACIONAL DE LAS EMISIONES**

Esta publicación contiene la información sobre comprobación técnica de emisiones (CTE) presentada por las administraciones de acuerdo con la carta circular CR/159 de la BR del 9 de mayo 2001

Dernière mise à jour des données:

Date of last update: **23.01.25**

Ultima fecha de actualización de datos:

Descripción de columna

Col.	Elemento	Descripción
1	M_ADM	Administración encargada del centro de comprobación
2	M_CENTER	Centro de comprobación en el que se realizó la observación
3	M_FREQ	Frecuencia medida en kHz
4	M_JOUR	Día en que se efectuó la observación
5	M_MOIS	Mes en que se realizó la observación
6	M_HEURED	Hora en que se inicia la emisión observada
7	M_HEUREF	Hora de conclusión de la emisión observada
8	M_DB	Intensidad de campo medida en dB
9	M_IDEN	Identificación de la emisión observada
10	M_ADMIN	Administración responsable de la emisión observada
11	M_CLST	Clase de estación de la emisión observada
12	M_BAND	Anchura de banda ocupada
13	M_CLEM	Clase de emisión
14	M_LONG1	Grados de longitud
15	M_LONG2	Longitud hacia el este o hacia el oeste
16	M_LONG3	Minutos de longitud
17	M_LAT1	Grados de latitud
18	M_LAT2	Latitud norte o sur
19	M_LAT3	Minutos de latitud
20	M_BEAR	Marcación de la estación en grados
21	M_PREC	Precisión estimada de la clasificación de la marcación
22	M_RR	Número de la columna donde figuren las características que no guarden esa conformidad
23	M_REMARK	Observaciones



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	2860.720	01	10	0003														87	C		
J	TOKYO	3008.000	09	10	1002							J3E							240	D		
HNG	TARNOK	3174.000	15	10	1701	1722	21.0				3K00E	A3E										UNSTABLE FREQUENCY
HNG	TARNOK	3188.750	15	10	1834	1845	26.7				2K80E	J3E										USB
HNG	TARNOK	3190.000	15	10	1922	2035	19.3				5K00E	A3E										UNSTABLE FREQUENCY
HNG	TARNOK	3192.000	15	10	1712	1752	22.0				3K00E	A3E										UNSTABLE FREQUENCY
J	TOKYO	3205.000	09	10	1005					BC		D7W							295	D		
J	TOKYO	3205.000	26	11	1003					BC		D7W							300	D		
J	TOKYO	3205.000	03	12	0746				KRE	BC		D7W	125	E	29	40	N	01	295	B		
G	BALDOCK	3249.000	01	10	1815	1820			D	FX	3K00E	G1D							68	A		
J	TOKYO	3250.000	09	10	1009			KOREAN CENTRAL B.S.		BC		A3E							290	D	11	
J	TOKYO	3250.000	16	10	0747			KOREAN CENTRAL B.S.		BC		A3E							295	D	11	
J	TOKYO	3250.000	26	11	1010			PYONGYANG B.S.		BC		A3E							300	D	11	
J	TOKYO	3250.000	03	12	0748				KRE	BC		A3E	125	E	42	39	N	24	292	B		
KOR	CRMS	3250.000	11	12	0006	0601	601.0	-9.41			14K9	A3E									11	
J	TOKYO	3285.000	03	12	0753			HLL2				F3C	127	E	49	35	N	41	274	B		
HNG	TARNOK	3285.001	17	10	1600	1800	18.2			BC	11K6	A3E										
HNG	TARNOK	3288.900	17	10	0000	0700	31.8				3K00E	G1D										STANAG 4285
HNG	TARNOK	3289.000	17	10	1720	2400	18.3				3K00E	G1D										STANAG 4285
HNG	TARNOK	3294.431	17	10	0700	1100	16.0			BC	11K9	A3E									3	
HNG	TARNOK	3294.531	17	10	1720	1800	19.9			BC	11K5	A3E										
HNG	TARNOK	3299.985	17	10	0200	0300	21.0			BC	11K9	A3E										
G	BALDOCK	3310.000	19	10	0120	0125		R. MOSOJ CHASKI	BOL	BC	9K00E	A3E							242	B		
HNG	TARNOK	3314.000	17	10	0500	0700	26.1				3K00E	G1D										STANAG 4285
HNG	TARNOK	3314.000	17	10	2058	2400	34.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	3320.000	17	10	0500	0700	26.0				3K00E	G1D										STANAG 4285
HNG	TARNOK	3320.000	17	10	2058	2400	35.2				3K00E	G1D										STANAG 4285
HNG	TARNOK	3329.000	17	10	0500	0700	23.3				3K00E	G1D										STANAG 4285
HNG	TARNOK	3329.000	17	10	2058	2400	35.0				3K00E	G1D										STANAG 4285
HNG	TARNOK	3330.002	17	10	1630	1657	19.0			BC	11K9	A3E										
HNG	TARNOK	3338.984	17	10	1600	1800	18.0			BC	11K8	A3E										
G	BALDOCK	3413.000	01	10	1820	1825			IRL	SM	2K80E	J3E							273	B		
I	ROMA	3413.000	09	10	1741		10.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							313	A		VOLMET
I	ROMA	3413.000	18	10	0452		21.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							313	A		VOLMET
HNG	TARNOK	3413.000	19	10	0000	0600	33.4	SHANNON VOLMET	IRL	SM	2K70E											USB
HNG	TARNOK	3413.000	19	10	1710	2400	30.6	SHANNON VOLMET	IRL	SM	2K70E	J3E										USB
I	ROMA	3413.000	04	11	1902		16.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							313	A		VOLMET
I	ROMA	3450.000	08	10	1842	2119	29.0	INTRUDERS LSB			2K70E	J3E									3	MUSIC
I	ROMA	3460.000	11	10	1645		7.0	INTRUDERS LSB	F		2K70E	J3E							285	A		FRE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	3465.000	18	10	0450		18.0	INTRUDERS LSB	GRC	FX	2K70E	J3E							115	A		GREEK LANGUAGE
I	ROMA	3465.000	28	11	0529		16.0	INTRUDERS LSB	GRC	FX	2K70E	J3E							113	A		GREEK LANGUAGE
I	ROMA	3470.000	09	10	0000	2400	24.0	INTRUDERS LSB	F		2K70E	J3E									3	FRENCH
G	BALDOCK	3480.000	01	10	1830	1835			KOR	BC	9K00E	A3E							227	C		
I	ROMA	3480.000	18	10	0449		9.0	INTRUDERS LSB	F	FX	2K70E	J3E							312	A	3	FRENCH LANGUAGE
J	TOKYO	3480.000	03	12	0750			V.O.PEOPLE		BC		A3E	126	E	49	37	N	21	284	B	11	
J	TOKYO	3480.010	09	10	1012					BC		A3E							283	D		
J	TOKYO	3480.010	16	10	0753			V.O.PEOPLE		BC		A3E							282	D	11	
G	BALDOCK	3582.000	30	10	2320	2327			TUR	FX	3K00E	G1D							107	B		
J	TOKYO	3585.000	09	10	1016			HLL2				F3C							275	D		
J	TOKYO	3585.000	16	10	0801			HLL2				F3C							271	D		
J	TOKYO	3585.000	26	11	1017			HLL2				F3C							273	D		
J	TOKYO	3674.000	09	10	1020														247	D		
G	BALDOCK	3710.000	30	10	2330	2335			POL	FX	280HE	F1B							63	B		
ROU	BELCIUGATELE	3740.000	04	10	0730	0748	35.8	Meteo	BUL	FX	3K00	A3E							147	A		Meteo
G	BALDOCK	3807.000	04	10	1545	1551			D	FX	3K00E	G1D							67	A		
HNG	TARNOK	3807.000	21	10	0000	2400	38.4				3K00E	G1D										STANAG 4285
HNG	TARNOK	3818.000	21	10	1700	2000	36.8				750H	F1B										250HZ,50BD
I	ROMA	3846.000	18	10	0514		1.0		F	FX	2K70E	J3E							290	B		
I	ROMA	3855.000	18	10	0727		14.0	DDH3	D	FX	1K50E	F1C							350	A		FAX 120 RPM
I	ROMA	3855.000	05	11	0753		14.0	DDH3	D	FX	1K50E	F1C							351	A		FAX 120 RPM
G	BALDOCK	3857.000	06	10	0730	0738			NOR	FX	3K00E	G1D							27	C		
I	ROMA	3857.000	18	10	0623		4.0			FX	3K00E	G1D							353	A		STANAG 4285
HNG	TARNOK	3857.000	21	10	0000	2400	32.4				3K00E	G1D										STANAG 4285
G	BALDOCK	3864.000	04	10	0000	2400			NOR	FX	3K00E	G1D							26	A		
J	TOKYO	3865.000	09	10	1023							A1A										
G	BALDOCK	3870.000	06	10	0735	0740			NOR	FX	3K00E	G1D							18	B		
G	BALDOCK	3881.000	06	10	0735	0744			F	MO	100HE	A1A							158	A		
I	ROMA	3881.000	18	10	0629		2.0	FAV22	F	FX	100HE	A1A							314	B		
HNG	TARNOK	3881.000	21	10	1700	1900	32.5	FAV 22	F	FX	100H	A1B										
I	ROMA	3896.800	18	10	0632		9.0			FX	3K00E	G1D							2	A		STANAG 4285
HNG	TARNOK	3896.800	21	10	0000	2400	38.4				3K00E	G1D										STANAG 4285
G	BALDOCK	3897.000	30	10	2335	2340			D	FX	3K00E	G1D							71	B		
G	BALDOCK	3902.000	30	10	2335	2341			DNK	FX	3K00E	G1D							45	B		
G	BALDOCK	3955.000	06	10	0740	0746		RADIO CHANNEL 292	D	BC	9K00E	A3E							112	B		
ROU	BELCIUGATELE	3955.000	22	11	0216	0252	58.1	Radio Channel 292	D	BC	9K00	A3E							299	A		Rohrbach Wall English language
G	BALDOCK	3995.000	04	10	1605	1611		HCJB DEUTSCH	D	BC	9K00E	A3E							73	A		
G	BALDOCK	4002.000	04	10	1610	1617			D	FX	3K00E	G1D							68	A		
I	ROMA	4002.000	18	10	0636		12.0			FX	3K00E	G1D							1	A		STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	4002.000	23	10	0000	2400	41.1				3K00E	G1D										STANAG 4285
J	TOKYO	4009.450	03	12	0808				CHN			J2B	122	E	53	41	N	09	296	B		
HNG	TARNOK	4012.000	23	10	0000	0600	15.2				300HE	F1B										50BD,250HZ
HNG	TARNOK	4012.000	23	10	1500	2400	21.8				300H	F1B										50BD, 250Hz
HNG	TARNOK	4020.000	23	10	2000	2400	31.9				200H	F1B										CIS 36-50
J	TOKYO	4021.000	09	10	1043			RIS9				A1A							300	D		
J	TOKYO	4022.300	03	12	0808				CHN			J2B	123	E	09	40	N	57	297	B		
J	TOKYO	4031.500	09	10	1045														293	D		
J	TOKYO	4033.000	03	12	0812				CHN			J2B	122	E	56	41	N	18	298	B		
J	TOKYO	4072.990	09	10	1049							A1A										
J	TOKYO	4083.600	03	12	0821				CHN			J2B	124	E	38	41	N	25	300	B		
HNG	TARNOK	4085.000	23	10	2005	2400	31.4				400H	F1B										75BD 200Hz
J	TOKYO	4088.350	03	12	0820				CHN			J2B	123	E	28	41	N	33	301	B		
HNG	TARNOK	4120.000	23	10	2050	2100	23.4				2K70E	J3E										USB
J	TOKYO	4128.000	03	12	0823				CHN			J2B	123	E	38	41	N	04	298	B		
G	BALDOCK	4134.500	13	10	0021	0022			SUI	FX	3K00E	G1D							127	A		
I	ROMA	4149.200	07	10	1351		7.0			FX	3K00E	G1D							202	A		STANAG 4285
I	ROMA	4155.000	07	10	1352		4.0			FX	3K00E	G1D							337	A		STANAG 4285 2400BD
G	BALDOCK	4155.000	13	10	0025	0026			HOL	FX	3K00E	G1D							84	A		
I	ROMA	4155.000	18	10	0647		21.0			FX	3K00E	G1D							337	A		STANAG 4285 2400BD
HNG	TARNOK	4155.000	23	10	0500	2400	38.6				3K00E	G1D										STANAG 4285
I	ROMA	4155.000	28	10	0757		11.0			FX	3K00E	G1D							335	A		STANAG 4285 2400BD
I	ROMA	4155.000	05	11	0829		1.0			FX	3K00E	G1D							338	A		STANAG 4285 2400BD
F	RAMBOUILLET	4155.000	11	12	0700	1900	46.0				3K00E	J7B								A	9	
G	BALDOCK	4161.500	13	10	0026	0027			NOR	FX	3K00E	G1D							17	A		
HNG	TARNOK	4161.600	23	10	0550	2400	15.6				3K00E	G1D										STANAG 4285
J	TOKYO	4202.900	16	10	0830														318	D		
G	BALDOCK	4205.000	13	10	0029	0030			HOL	FX	3K00E	G1D							73	A		
I	ROMA	4205.000	18	10	0647		6.0			FX	3K00E	G1D							338	A		STANAG 4285
F	RAMBOUILLET	4205.000	12	12	0700	1900	48.0				3K00E	J7B								A	9	
I	ROMA	4209.500	18	10	0648		5.0	TAH	TUR	FC	270HE	F1B							87	A		
J	TOKYO	4209.500	26	11	1042							F1B							259	D		
J	TOKYO	4215.000	09	10	1051			XSG		FC		F1B										
J	TOKYO	4215.000	26	11	1047			XSG		FC		F1B										
I	ROMA	4230.000	07	10	1353		10.0			FX	3K00E	G1D							334	A		STANAG 4285
G	BALDOCK	4230.000	13	10	0036	0037			HOL	FX	3K00E	G1D							86	A		
F	RAMBOUILLET	4230.000	12	12	0700	1900	48.0				3K00E	J7B								A	9	
I	ROMA	4238.800	18	10	0649		33.0			FX	3K00E	G1D							284	A		STANAG 4285
G	BALDOCK	4251.000	13	10	0038	0039			F	FX	3K00E	G1D							153	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	4261.000	13	10	0040	0041			E	FX	3K00E	G1D							194	A		
G	BALDOCK	4280.000	13	10	0045	0046			HOL	FX	750HE	F1B							82	A		
I	ROMA	4280.000	18	10	1000		1.0	PBB	HOL	FC	1K00E	F1B							335	A		
I	ROMA	4280.000	05	11	0830		2.0	PBB	HOL	FC	1K00E	F1B							335	A		
F	RAMBOUILLET	4289.400	13	12	0700	1900	45.0				3K00E	J7B								A	9	
J	TOKYO	4290.000	09	10	1058				USA			F1B	144	E	52	13	N	35	169	B		GUM
I	ROMA	4290.400	18	10	1007		7.0			FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	4290.500	13	10	0056	0057				FX	3K00E	G1D							170	A		
I	ROMA	4290.500	05	11	0832		1.0			FX	3K00E	G1D							283	A		STANAG 4285
F	RAMBOUILLET	4297.000	13	12	0700	1900	46.0				3K00E	J7B								A	9	
F	RAMBOUILLET	4297.000	16	12	0700	1900	48.0				3K00E	J7B								A	9	
F	RAMBOUILLET	4301.000	16	12	0700	1900	46.0				3K00E	J7B								A	9	
G	BALDOCK	4304.000	13	10	0059	0100				FX	3K00E	G1D							209	A		
G	BALDOCK	4308.000	13	10	0101	0102				FX	3K00E	G1D							210	A		
F	RAMBOUILLET	4312.000	16	12	0700	1900	40.0				3K00E	J7B								A	9	
G	BALDOCK	4316.600	13	10	0122	0123				FX	3K00E	G1D							119	A		
ROU	BELCIUGATELE	4316.800	04	10	0100	0131	62.3	Data		FX	3K00	F1B							173	A		
J	TOKYO	4321.700	03	12	0824							A1A							305	B		
ROU	BELCIUGATELE	4326.800	04	10	0035	0127	62.2	Data		FX	3K00	F1B							276	A		
I	ROMA	4326.800	18	10	1009		6.0		F	FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	4327.000	13	10	0124	0125				FX	3K00E	G1D							170	A		
F	RAMBOUILLET	4327.000	16	12	0700	1900	40.0				3K00E	J7B								A	9	
G	BALDOCK	4331.000	13	10	0129	0130		4XZ	ISR	FX	1K00E	A3E							113	A		
G	BALDOCK	4339.800	13	10	0132	0133				FX	3K00E	G1D							172	A		
G	BALDOCK	4346.000	13	10	0133	0134				FX	3K00E	G1D							192	A		
J	TOKYO	4378.000	09	10	1110														247	D		
G	BALDOCK	4415.800	13	10	0137	0138				FX	3K00E	G1D							101	A		
F	RAMBOUILLET	4421.500	18	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
HNG	TARNOK	4446.000	25	10	0304	2400	31.5				300HE	F1B										50BD,240HZ ASCII
J	TOKYO	4449.970	16	10	0838														296	D		
J	TOKYO	4450.000	09	10	1112					BC		A3E							282	D		
J	TOKYO	4450.000	19	11	0023			V.O.PEOPLE		BC		A3E							280	D	11	
J	TOKYO	4450.000	26	11	1050					BC		A3E										
J	TOKYO	4450.000	03	12	0829														297	B		
J	TOKYO	4450.000	10	12	0630							A3E							289	C		
J	TOKYO	4450.000	24	12	0139			V.O.PEOPLE		BC		A3E							283	D	11	
J	TOKYO	4464.980	09	10	1114							A1A										
G	BALDOCK	4520.000	11	10	1035	1036				MS	3K00E	J3E							194	A		FRENCH FISHERMEN BAY
J	TOKYO	4530.010	18	11	2346			V.O.PEOPLE		BC		A3E	126	E	58	36	N	44	280	B	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	4544.500	21	10	1103	1104		SHANWICK	IRL	FG	3K00E	J1B							277	B		
ROU	BELCIUGATELE	4560.000	04	10	0855	0934	42.3	Data Telex		FX	1K00	F1B							151	A		Meteo
J	TOKYO	4560.010	09	10	1001			ECHO OF HOPE		BC		A3E							281	D	11	
J	TOKYO	4560.010	16	10	0746			V.O.PEOPLE		BC		A3E							277	D	11	
J	TOKYO	4560.010	03	12	0747			V.O.PEOPLE		BC		A3E	127	E	10	36	N	52	282	B	11	
I	ROMA	4583.000	07	10	1354		3.0	DDK2	D	SM	800HE	F1B							353	A		50 BD
I	ROMA	4583.000	18	10	1011		4.0	DDK2	D	SM	800HE	F1B							353	A		50 BD
G	BALDOCK	4583.000	21	10	1150	1154		DDK2	D	OD	1K00E	F1B							70	A		
I	ROMA	4583.000	28	10	0801		5.0	DDK2	D	SM	800HE	F1B							352	A		50 BD
I	ROMA	4583.000	05	11	0834		1.0	DDK2	D	SM	800HE	F1B							352	B		50 BD
I	ROMA	4583.000	11	11	1126		13.0	DDK2	D	SM	800HE	F1B							354	A		50 BD
J	TOKYO	4593.000	26	11	0947							A1A							292	D		
G	BALDOCK	4594.300	30	10	2325	2331			D	FX	480HE	F1B							107	B		
I	ROMA	4644.800	07	10	1444		14.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	4644.800	21	10	0824		12.0		F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	4645.000	05	11	0837		9.0			FX	3K00E	G1D							283	A		STANAG 4285
HNG	TARNOK	4685.000	27	10	2209	2235	18.6				2K40	J3E										USB
HNG	TARNOK	4687.800	27	10	0555	0915	22.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	4687.800	27	10	1521	1855	35.8				3K00E	G1D										STANAG 4285
J	TOKYO	4750.000	09	10	1004					BC		A3E							311	D		
J	TOKYO	4750.000	16	10	0753			CHINA N.R.		BC		A3E							317	D	11	
J	TOKYO	4750.000	26	11	0950			CHINA N.R.		BC		A3E							309	D	11	
J	TOKYO	4798.000	29	10	0605							F1B							322	D		
J	TOKYO	4798.000	03	12	0751							F1B							351	C		
J	TOKYO	4800.000	09	10	1006					BC		A3E							300	D		
J	TOKYO	4800.000	26	11	0952			CHINA N.R.		BC		A3E							277	D	11	
KOR	CRMS	4800.000	05	12	0000	0011	11.0	10.85			15K0	A3E									11	
ROU	BELCIUGATELE	4840.000	22	11	0437	0510	59.6	WWCR Nashville	USA	BC	8K00	A3E							314	B		Nashville English language
HNG	TARNOK	4861.800	29	10	1500	2400	33.6				2K80	G1D										STANAG 4285
J	TOKYO	4866.000	29	10	0609							F1B							357	D		
J	TOKYO	4880.000	10	12	0610														295	C		
J	TOKYO	4880.110	16	10	0757							F1B							280	D		
J	TOKYO	4882.560	26	11	0956							A1A							291	D		
J	TOKYO	4883.000	03	12	0753				KRE				126	E	19	39	N	21	292	B		
J	TOKYO	4885.000	29	10	0611					BC		A3E							281	D		
J	TOKYO	4885.000	18	11	2350			V.O.HOPE		BC		A3E	127	E	25	36	N	58	280	B	11	
J	TOKYO	4885.000	10	12	0611					BC		A3E							282	D		
J	TOKYO	4890.000	10	12	0612														295	C		
J	TOKYO	4896.950	16	10	0802							F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	4897.000	18	11	2353				RUS			F1B	130	E	51	42	N	41	314	B		
J	TOKYO	4897.000	03	12	0756							F1B							323	C		
J	TOKYO	4897.000	10	12	0613				RUS			F1B	132	E	01	43	N	28	322	A		
J	TOKYO	4900.000	09	10	1010			V.O.STRAIT		BC		A3E							249	D	11	
J	TOKYO	4900.000	26	11	0957			CHINA N.R.		BC		A3E							249	D	11	
J	TOKYO	4905.000	09	10	1013							F3C							56	D		
HNG	TARNOK	4905.002	29	10	1500	2400	23.1				2K70	J3E										LSB
HNG	TARNOK	4920.001	29	10	1500	2400	22.4				2K71	J3E										LSB
HNG	TARNOK	4931.800	29	10	0000	2400	35.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	4961.900	29	10	0000	2400	39.8				3K00E	G1D										STANAG 4285
HNG	TARNOK	4987.000	29	10	0000	2400	28.9				900H	F1B										
HNG	TARNOK	4996.000	29	10	1500	2400	22.7	RWM	RUS	SS	100HE	A1B										
J	TOKYO	5000.000	09	10	1019			BPM		SS		AXW							276	D		
J	TOKYO	5000.000	29	10	0625			WWVH		SS		AXW										
J	TOKYO	5000.000	06	11	0425			WWVH		SS		AXW										
J	TOKYO	5000.000	26	11	1005			WWVH		SS		AXW										
J	TOKYO	5000.000	26	11	1005			BPM		SS		AXW										
J	TOKYO	5000.000	03	12	0805			BPM		SS		AXW										
J	TOKYO	5000.000	03	12	0805			WWVH		SS		AXW										
J	TOKYO	5000.000	10	12	0623			WWVH		SS		AXW										
J	TOKYO	5000.000	17	12	0419			BPM		SS		AXW							276	C		
J	TOKYO	5000.000	24	12	0140			BPM		SS		AXW										
G	BALDOCK	5010.000	02	10	0200	0215		R MISSIONNE INT	HND	BC	3K00E	A3E							272	B		
J	TOKYO	5020.000	26	11	1006					BC		A3E							164	D		
G	BALDOCK	5023.500	02	10	0215	0230			RUS	FX	290HE	F1B							99	B		
G	BALDOCK	5025.000	02	10	0230	0240		R REBELDE	CUB	BC	6K00E	A3E							276	B		
G	BALDOCK	5030.000	02	10	0240	0250		DUTCH PIRATE	HOL	BC	6K00E	A3E							93	B		
G	BALDOCK	5050.000	02	10	0250	0300		WRMI LEGENDS	USA	BC	6K00E	A3E							280	B		
J	TOKYO	5050.000	26	11	1008					BC		A3E							244	D		
G	BALDOCK	5085.000	02	10	0300	0310		WTWW	USA	BC	3K00E	A3E							294	B		
HNG	TARNOK	5096.000	31	10	0000	2400	18.9				3K00E	G1D										STANAG 4285
G	BALDOCK	5097.000	02	10	0310	0320			CAN	FX	3K00E	G1D							287	B		
J	TOKYO	5107.000	03	12	0808							F1B							323	C		
G	BALDOCK	5146.000	02	10	0320	0325			RUS	FX	290HE	F1B							65	B		
G	BALDOCK	5153.700	02	10	0325	0330		D BEACON	RUS	FX	100HE	A1A							98	B		
J	TOKYO	5154.050	16	10	0808			M				A1A										
J	TOKYO	5154.200	03	12	0811			F				A1A							327	C		
J	TOKYO	5154.300	03	12	0811			K				A1A							27	C		TAIWAN
J	TOKYO	5154.400	03	12	0811			K				A1A							358	C		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	5156.700	02	10	0330	0335		L BEACON	RUS	FX	100HE	A1A							53	B		
G	BALDOCK	5162.000	02	10	0335	0340			D	FX	3K00E	G1D							79	B		
HNG	TARNOK	5162.000	31	10	0000	2400	32.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	5176.000	31	10	0000	2400	41.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	5195.002	31	10	0000	2400	28.4				100HE	A1B										
G	BALDOCK	5205.250	07	10	0920	0930		LX0HF	LUX	FB	100HE	A1A							117	B		
G	BALDOCK	5217.400	07	10	1045	1055			F	FX	3K00E	G1D							152	C		
I	ROMA	5217.400	07	10	1448		19.0	FUG	F	FX	3K00E	G1D							284	A		STANAG 4285
I	ROMA	5217.400	21	10	0825		13.0	FUG	F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	5217.400	05	11	1417		10.0	FUG	F	FX	3K00E	G1D							284	A		STANAG 4285
HNG	TARNOK	5217.500	31	10	0000	2400	38.3				3K00E	G1D										STANAG 4285
G	BALDOCK	5229.500	07	10	1100	1110			NOR	FX	3K00E	G1D							31	B		
HNG	TARNOK	5229.500	31	10	0000	2400	30.8				3K00E	G1D										STANAG 4285
J	TOKYO	5233.000	26	11	1018			RIS9				A1A										
J	TOKYO	5234.000	09	10	1027				RUS			F1B	158	E	41	52	N	53	31	B		
J	TOKYO	5234.000	26	11	1017							F1B										
I	ROMA	5248.000	07	10	1453		3.0		GRC	FX	3K00E	G1D							124	A		STANAG 4285
HNG	TARNOK	5248.000	31	10	0000	2400	23.2				3K00E	G1D										STANAG 4285
J	TOKYO	5275.530	03	12	0818				KOR			A1A	127	E	58	37	N	08	282	B		
J	TOKYO	5288.780	10	12	0626							F1B							42	D		
J	TOKYO	5304.000	09	10	1035							F1B										
G	BALDOCK	5334.000	04	10	1620	1626			ROU	FX	3K00E	G1D							104	B		
G	BALDOCK	5345.700	04	10	1630	1635		R J ** O U	F	MO	100HE	A1A							218	A		
G	BALDOCK	5354.000	04	10	1630	1638			F	FB	2K80E	J3E							180	A		
HNG	TARNOK	5366.000	02	11	1715	1830	26.7				2K70E	J3E										USB
HNG	TARNOK	5403.500	02	11	0800	0830	19.0				2K70E	J3E										USB
HNG	TARNOK	5403.500	02	11	1716	1900	24.4				2K70E	J3E										USB
HNG	TARNOK	5420.897	02	11	0000	0600	44.3				500H	F1B										220HZ
HNG	TARNOK	5421.000	02	11	1900	2400	45.2				400H	F1B										200Hz
HNG	TARNOK	5429.500	02	11	0000	0900	32.8				3K00E	G1D										STANAG 4285
HNG	TARNOK	5429.500	02	11	1630	2400	22.8				3K00E	G1D										STANAG 4285
G	BALDOCK	5430.000	04	10	1635	1642			NOR	FX	3K00E	G1D							21	A		
HNG	TARNOK	5437.900	02	11	0000	0900	31.1				330H	F1B										220HZ
HNG	TARNOK	5440.000	02	11	0000	0500	24.2				3K00E	G1D										STANAG 4285
I	ROMA	5450.000	25	10	1653		26.0	RAF VOLMET	G	FA	2K70E	J3E							321	A		VOLMET
G	BALDOCK	5505.000	04	10	1645	1654		SHANNON VOLMET	IRL	AL	2K80E	J3E							281	A		
G	BALDOCK	5649.000	06	10	0750	0756		SHANWICK RADIO	IRL	FG	2K80E	J3E							299	A		
J	TOKYO	5673.000	26	11	1027				CHN			J3E	117	E	20	40	N	18	291	B		
HNG	TARNOK	5743.000	04	11	0700	2400	42.3				3K00E	G1D										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	5750.000	04	11	0700	2400	40.4				3K00E	G1D										
HNG	TARNOK	5760.400	04	11	0000	2400	50.4				3K00E	G1D										STANAG 4285
J	TOKYO	5777.020	16	10	0820							J2D							319	D		
G	BALDOCK	5811.000	04	10	1655	1701			NOR	FX	3K00E	G1D							20	A		
G	BALDOCK	5818.000	04	10	1655	1702			ROU	FX	3K00E	G1D							106	A		
HNG	TARNOK	5818.000	04	11	0000	2400	29.4				3K00E	G1D										STANAG 4285
I	ROMA	5835.000	15	10	1920		34.0			BC	9K00E	A3E										
G	BALDOCK	5850.000	04	10	1655	1703			D	FX	3K00E	G1D							67	A		
I	ROMA	5850.000	21	10	0827		8.0			FX	3K00E	G1D							343	A		STANAG 4285
HNG	TARNOK	5850.000	04	11	0000	2400	31.8				3K00E	G1D										STANAG 4285
J	TOKYO	5855.600	06	11	0438							H3E							282	D		
J	TOKYO	5855.600	11	11	0153				KOR			H3E	129	E	00	35	N	06	270	B		
J	TOKYO	5855.600	18	11	2359				KOR			J3E	128	E	56	34	N	59	270	B		
J	TOKYO	5855.600	26	11	1032							H3E							270	D		
J	TOKYO	5855.600	17	12	0437							H3E							270	C		
I	ROMA	5860.000	15	10	1920		31.0	R.FARDA	KWT	BC	9K00E	A3E										
HNG	TARNOK	5860.000	04	11	1730	2400	39.3	RADIO FARDA	KWT	BC	16K1	A3E										
HNG	TARNOK	5860.003	04	11	0000	0357	38.2	RADIO FARDA	KWT	BC	9K91	A3E										
HNG	TARNOK	5872.400	04	11	0000	0607	47.1				3K00E	G1D										STANAG 4285
HNG	TARNOK	5872.400	04	11	0900	2400	47.1				3K00E	G1D										STANAG 4285
I	ROMA	5872.500	03	10	1018		28.0			FX	3K00E	G1D							266	A		STANAG 4285
G	BALDOCK	5872.500	04	10	1700	1706			I	FX	3K00E	G1D							137	B		
I	ROMA	5872.500	21	10	0829		30.0			FX	3K00E	G1D							266	A		STANAG 4285
I	ROMA	5872.500	05	11	1418		40.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	5872.500	12	11	1219		39.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	5880.000	20	12	0833		10.0			BC	6K00E	A3E							327	B	3	
HNG	TARNOK	5880.021	04	11	0000	0400	26.7			BC	9K76	A3E									3	
J	TOKYO	5885.850	16	10	0823							A3E							295	D		
G	BALDOCK	5890.000	06	10	0755	0804		WWCR OVERCOMER MINIS	USA	BC	9K00E	A3E							289	B		
J	TOKYO	5890.050	19	11	0001				RUS				131	E	26	43	N	14	320	B		
I	ROMA	5900.000	15	10	1920		43.0	R.TAIWAN INT.	BUL	BC	9K00E	A3E										
HNG	TARNOK	5900.000	04	11	1900	1930	41.6	RADIO TAIWAN INT.	BUL	BC	9K79	A3E										
HNG	TARNOK	5900.004	04	11	0000	0500	32.3	TOM	BUL	BC	8K45	A3E										
F	RAMBOUILLET	5905.000	05	12	1200	1800	38.0	CRI			10K0E	A3EG								A	3	
I	ROMA	5910.000	11	10	1455		37.0	R ROMANIA INTERNATIO	ROU	BC	10K0E	A3E							69	A		
I	ROMA	5910.000	15	10	1920		47.0	R.ROMANIA INT.	ROU	BC	9K00E	A3E										
F	RAMBOUILLET	5915.000	05	12	1000	1800	40.0	CRI			10K0E	A3EG								A	3	
I	ROMA	5920.000	15	10	1920		23.0	HCJB DEUTSCH	D	BC	9K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	5920.000	23	10	1216	1216		HCJB Deutsch	D	BC	9K00E	A3E							76	A		
F	RAMBOUILLET	5920.000	05	12	0700	1200	35.0	HCJB			10K0E	A3EG								A	3	
I	ROMA	5930.000	15	10	1920		19.0	WORLD MUSIC RADIO		BC	9K00E	A3E										
G	BALDOCK	5930.000	23	10	1218	1225		WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							56	A		
F	RAMBOUILLET	5930.000	06	12	0800	1800	52.0	WORLD MUSIC RADIO			10K0E	A3EG								A	3	
I	ROMA	5945.000	04	11	1851		75.0	VOICE OF TURKEY	TUR	BC	10K0E	A3E							89	A		TEDESCO
G	BALDOCK	5950.000	23	10	1222	1225		R VERONICA	HOL	BC	12K0E	A3E							109	A		
HNG	TARNOK	5950.001	06	11	0300	0501	37.6	WRMI	USA	BC	12K4	A3E										
HNG	TARNOK	5950.002	06	11	0000	0100	35.5			BC	10K3	A3E										
J	TOKYO	5955.000	31	10	1100			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	5955.000	06	11	1858	1929	65.8	RRO	ROU	BC	9K29	X7E										DRM DIGITAL
ROU	BELCIUGATELE	5955.000	25	11	0444	0542	54.8	Radio Veronica	HOL	BC	9K00	A3E							307	B		Overslag Dutch language
I	ROMA	5955.000	03	12	0956		18.0			BC	6K00E	A3E							326	B		
F	RAMBOUILLET	5955.000	09	12	0800	1800	31.0	RADIO VERONICA			10K0E	A3EG								A	3	
HNG	TARNOK	5955.001	06	11	0000	1340	36.4	RADIO VERONICA	HOL	BC	13K9	A3E										
HNG	TARNOK	5955.001	06	11	1500	1856	64.8	RRO	ROU	BC	9K29	A3E										
I	ROMA	5960.000	15	10	1920		48.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
HNG	TARNOK	5960.000	06	11	1400	1500	30.1			BC	9K99	A3E										
F	RAMBOUILLET	5960.000	09	12	1230	1800	27.0	PBS XIZANG			10K0E	A3EG								A	3	
HNG	TARNOK	5960.004	06	11	2249	2357	66.4	TRT	TUR	BC	9K42	A3E										
HNG	TARNOK	5960.005	06	11	0000	0257	75.3	CNR1	CHN	BC	9K11	A3E										
F	RAMBOUILLET	5965.000	09	12	1000	1800	19.0	CNR 1 VOICE OF CHINA			10K0E	A3EG								A	3	
J	TOKYO	5965.000	12	12	0900			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	5965.000	12	12	1100			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	5969.983	06	11	0600	1340	21.4	RADIO 208	DNK	BC	9K67	A3E									3	
G	BALDOCK	5970.000	23	10	1227	1227			DNK	BC	12K0E	A3E							62	A		
F	RAMBOUILLET	5970.000	09	12	0800	1600	22.0	RADIO 208			10K0E	A3EG								A	3	
F	RAMBOUILLET	5970.000	09	12	1600	1800	57.0	CHINA RADIO INTERNATIONAL			10K0E	A3EG								A	3	
HNG	TARNOK	5970.003	06	11	1558	1900	54.9	RADIO 208	DNK	BC	9K67	A3E										
HNG	TARNOK	5970.005	06	11	0000	0600	31.7	EWTN	USA	BC	10K9	A3E										
HNG	TARNOK	5971.650	06	11	1410	1559	31.1				2K60E	G7D									11	
HNG	TARNOK	5975.000	06	11	2200	2300	34.7	CRI	CHN	BC	9K89	A3E										
KOR	CRMS	5975.000	06	12	0008	0808	808.0	46.35			14K1	A3E									6	
F	RAMBOUILLET	5975.000	09	12	1400	1600	24.0	BBC			10K0E	A3EG								A	3	
HNG	TARNOK	5975.001	06	11	1500	1600	32.1	BBC	OMA	BC	9K85	A3E										
F	RAMBOUILLET	5980.000	09	12	1500	1600	36.0	CHINA RADIO INTERNATIONAL			10K0E	A3EG								A	3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	5980.000	09	12	1700	1900	56.0	VOICE OF TURKEY			10K0E	A3EG -								A	3	
HNG	TARNOK	5980.002	06	11	0000	0100	29.5	BBC	OMA	BC	10K9	A3E										
HNG	TARNOK	5980.004	06	11	1700	2156	69.9	TRT	TUR	BC	9K01	A3E										
I	ROMA	5985.000	15	10	1920		35.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	5985.000	06	11	1400	1500	26.0			BC	9K91	A3E										
F	RAMBOUILLET	5985.000	09	12	1500	1600	33.0	VOICE OF TURKEY			10K0E	A3EG -								A	3	
J	TOKYO	5985.000	12	12	2200			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	5985.001	06	11	0000	0130	29.5	VOM	BRM	BC	10K4	A3E										
HNG	TARNOK	5985.003	06	11	2158	2300	35.0	CRI	CHN	BC	9K42	A3E										
HNG	TARNOK	5985.016	06	11	1500	1556	45.2	TRT	TUR	BC	9K98	A3E									3	
F	RAMBOUILLET	5990.000	09	12	1000	1600	27.0	STUDIO 52			10K0E	A3EG -								A	3	
HNG	TARNOK	5990.003	06	11	0000	0100	28.7	CRI	CHN	BC	10K7	A3E										
I	ROMA	5995.000	15	10	1920		30.0	R.MALI	MLI	BC	9K00E	A3E										
ROU	BELCIUGATELE	5995.000	24	11	0541	0619	57.7	Radio Mali	MLI	BC	10K0	A3E							230	B	3	Bamako French language
J	TOKYO	5995.000	10	12	0637														295	C		
HNG	TARNOK	5995.003	06	11	0600	0800	20.7	RADIO MALI	MLI	BC	9K91	A3E										
F	RAMBOUILLET	6000.000	09	12	0800	1800	32.0	CNR 1 VOICE OF CHINA			10K0E	A3EG -								A	3	
F	RAMBOUILLET	6000.000	10	12	0800	1800	22.0	CNR 1 VOICE OF CHINA			10K0E	A3EG -								A	3	
HNG	TARNOK	6000.001	06	11	2200	2400	35.0	CNR	CHN	BC	9K98	A3E										
I	ROMA	6005.000	15	10	1920		44.0	R.TAIWAN INT	BUL	BC	9K00E	A3E										
G	BALDOCK	6005.000	23	10	1312	1315		R. SLOVAKIA INT	D	BC	12K0E	A3E							110	A		
F	RAMBOUILLET	6005.000	10	12	1100	1620	34.0	R.SLOVAKIA INTERNATIONAL			10K0E	A3EG -								A	3	
F	RAMBOUILLET	6010.000	10	12	1400	1700	27.0	CNR 11			10K0E	A3EG -								A	3	
F	RAMBOUILLET	6015.000	10	12	1400	1900	22.0	PBS XIZANG			10K0E	A3EG -								A	3	
I	ROMA	6020.000	15	10	1920		51.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	6025.000	25	11	1459	1530	82.0	China Radio International	CHN	BC	10K0	A3E							70	A		Xianyang Russian language
F	RAMBOUILLET	6025.000	10	12	1300	1800	24.0	PBS XIZANG			10K0E	A3EG -								A	3	
I	ROMA	6030.000	15	10	1930		28.0	R.OROMIYA	ETH	BC	9K00E	A3E										
F	RAMBOUILLET	6030.000	11	12	0700	1300	52.0	RADIO MARTI			10K0E	A3EG -								A	3	
I	ROMA	6040.000	04	11	1853		50.0	KBS WORLD RADIO	G	BC	10K0E	A3E							316	A		RUSSIAN LANGUAGE
ROU	BELCIUGATELE	6040.000	24	11	1800	1849	79.4	KBS World Radio	G	BC	9K00	A3E							310	A		Woofferton Russian language
F	RAMBOUILLET	6040.000	11	12	1600	1800	56.0	CRI			10K0	A3EG -								A		
I	ROMA	6045.000	15	10	1930		58.0	VOICE OF AMERICA	CVA	BC	9K00E	A3E										
G	BALDOCK	6050.000	23	10	1334	1335		CHINA RADIO INT	CHN	BC	12K0E	A3E							46	C		
HNG	TARNOK	6050.000	08	11	1930	2026	44.6	VOT	CHN	BC	10K6	A3E										
HNG	TARNOK	6050.000	08	11	2100	2130	25.8	HCJB QUITO	EQA	BC	15K2	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	6050.000	11	12	1100	1800	39.0	CNR			10K0E	A3EG								A	3	
HNG	TARNOK	6055.000	08	11	1800	1957	58.1	CRI	CHN	BC	9K71	A3E										
I	ROMA	6070.000	15	10	1930		36.0	JUST RIGHT	D	BC	9K00E	A3E										
G	BALDOCK	6070.000	24	10	0834	0834		JAMMIN OLDIES	D	BC	12K0E	A3E							110	A		
J	TOKYO	6070.000	24	10	0900			V.O.KOREA	KRE	BC		A3E										
ROU	BELCIUGATELE	6070.000	24	11	0500	0543	61.9	Radio Channel 292	D	BC	10K0	A3E							301	A		Rohrbach Wall German language
F	RAMBOUILLET	6070.000	12	12	0700	1900	49.0	JAMMIN OLDIES			10K0E	A3EG								A	3	
HNG	TARNOK	6070.001	08	11	0000	2400	44.2	RADIO 292/TOM	D	BC	9K88	A3E										RADIO CHANNEL 292
J	TOKYO	6075.000	12	12	0800			KNLS I.	USA	BC		A3E										
F	RAMBOUILLET	6075.000	12	12	1400	1700	56.0	CRI			10K0	A3EG								A		
I	ROMA	6080.000	15	10	1930		43.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
G	BALDOCK	6085.000	24	10	0836	0840		R MI AMIGO INT	D	BC	12K0E	A3E							110	A		
F	RAMBOUILLET	6085.000	13	12	0700	1700	42.0	R. MI AMIGO INT.			10K0	A3EG								A	3	
I	ROMA	6090.000	15	10	1930		54.0	RADIO AMHARA	ETH	BC	9K00E	A3E										
HNG	TARNOK	6090.000	08	11	1900	1957	65.9	CRI	CHN	BC	12K2	A3E										
HNG	TARNOK	6090.000	08	11	2000	2100	60.2	KBS WORLD RADIO	G	BC	17K1	A3E										
KOR	CRMS	6100.000	10	10	0114	0114	44.7	KCB	KRE	BC	14K8	A3E									6	
I	ROMA	6100.000	15	10	2000		40.0	KCBS PYONGYANG	KRE	BC	9K00E	A3E										
I	ROMA	6100.000	04	11	1900		50.0	R CHINA INTERNATIONA	CHN	BC	10K0E	A3E							51	A		RUSSIAN LANGUAGE
HNG	TARNOK	6100.000	08	11	1700	1957	57.5	CRI	CHN	BC	10K7	A3E										
HNG	TARNOK	6100.000	08	11	2000	2257	58.6	CRI	CHN	BC	15K3	A3E										
KOR	CRMS	6100.000	11	11	0030	0030	32.0		KRE	BC	14K6	A3E									6	
KOR	CRMS	6100.000	02	12	0007	0703	703.0	40.840000000000003			14K8	A3E									3	
J	TOKYO	6100.000	12	12	2000			V.O.KOREA	KRE	BC		A3E										
F	RAMBOUILLET	6100.000	13	12	1400	1900	32.0	CRI			10K0	A3EG								A	3	
F	RAMBOUILLET	6105.000	16	12	1300	1600	22.0	KCBS Pyongyang			10K0	A3EG								A	3	
I	ROMA	6110.000	15	10	1930		52.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
J	TOKYO	6110.000	12	12	1400			KNLS I.	USA	BC		A3E										
KOR	CRMS	6115.000	14	11	0104	0104	-10.7	NSB	J	BC	14K8	A3E									3	
F	RAMBOUILLET	6115.000	16	12	0700	1300	22.0	RADIO NIKKEI 2			10K0	A3EG								A	3	
KOR	CRMS	6115.000	20	12	0004	0407	407.0	-16.34			14K6	A3E									3	
F	RAMBOUILLET	6130.000	16	12	0700	1800	31.0	PBS XIZANG			10K0	A3EG								A	3	
ROU	BELCIUGATELE	6135.000	24	11	0530	0559	67.5	BBC	G	BC	10K0	A3E							221	A		Ascension Hausa language
J	TOKYO	6139.990	08	10	2346				KRE				124	E	44	38	N	59	289	A		
J	TOKYO	6140.000	29	10	0746				KRE	BC		D7W	125	E	58	39	N	00	291	B		
J	TOKYO	6140.000	06	11	0605					BC		D7W							280	C		
J	TOKYO	6140.000	11	11	0416				KRE	BC		D7W	125	E	23	38	N	17	285	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	6140.000	25	11	2345				KRE	BC		D7W	125	E	40	38	N	49	290	B		
J	TOKYO	6140.000	03	12	1001				KRE	BC		D7W	125	E	42	38	N	52	290	B		
J	TOKYO	6140.000	17	12	0604					BC		D7W							280	C		
J	TOKYO	6140.010	16	10	1001														292	D		
I	ROMA	6145.000	15	10	1930		49.0	KBS WORLD RADIO	G	BC	9K00E	A3E										
J	TOKYO	6145.000	10	12	0746					BC		D7W							291	D		
HNG	TARNOK	6145.002	10	11	1400	1700	42.2	CNR1	CHN	BC	10K6	A3E										
G	BALDOCK	6150.000	24	10	0755	0902		RADIO EUROPA	D	BC	12K0E	A3E							91	A		
F	RAMBOUILLET	6150.000	16	12	0700	1830	42.0	EUROPA 24			10K0	A3EG								A	3	
HNG	TARNOK	6150.002	10	11	0300	0500	48.9	NHK	F	BC	9K53	A3E										
HNG	TARNOK	6154.994	10	11	1630	1730	41.1	NHK	J	BC	10K9	A3E										
I	ROMA	6160.000	15	10	1930		26.0	SHORTWAVE RADIO GOLD	D	BC	9K00E	A3E										
G	BALDOCK	6160.000	24	10	0809	0910		SHORTWAVE R. GOLD	D	BC	12K0E	A3E							83	D		
F	RAMBOUILLET	6160.000	17	12	0800	1830	43.0	SOFTWAVE RADIO GOLD			10K0E	A3EG								A	3	
HNG	TARNOK	6160.002	10	11	1800	1957	65.8	CRI	CHN	BC	10K5	A3E										
KOR	CRMS	6165.000	11	11	0030	0030	-2.6		CHN	BC	14K6	A3E									6	
HNG	TARNOK	6165.002	10	11	1500	1757	49.1	CRI	CHN	BC	10K9	A3E										
HNG	TARNOK	6165.002	10	11	2150	2300	33.5	VOV	VTN	BC	10K8	A3E										
HNG	TARNOK	6170.002	10	11	0500	0530	46.6	VOA	G	BC	9K86	A3E										
HNG	TARNOK	6170.004	10	11	1400	2050	38.8	KCBS	KRE	BC	10K2	A3E										
HNG	TARNOK	6170.008	10	11	1000	1250	15.0	KCBS	KRE	BC	10K7	A3E										
HNG	TARNOK	6175.001	10	11	1600	1800	28.2	CRI	CHN	BC	10K6	A3E										
HNG	TARNOK	6175.003	10	11	2200	2257	62.9	CRI	CHN	BC	9K91	A3E										
HNG	TARNOK	6179.998	10	11	1830	1930	44.0	AWR	USA	BC	10K8	A3E										
I	ROMA	6180.000	15	10	2000		25.0	DEUTSCHER WETTERDIEN	D	BC	9K00E	A3E										
HNG	TARNOK	6180.000	10	11	0000	0200	33.7	CRI	CHN	BC	9K56	A3E										
J	TOKYO	6180.000	03	12	1002			CHINA N.R.		BC		D7W	118	E	58	32	N	22	265	B		
F	RAMBOUILLET	6180.000	17	12	1500	1830	46.0	CRI			10K0E	A3EG								A	3	
ROU	BELCIUGATELE	6180.000	19	12	0000	2400	82.2	CNR 1 Jamming	CHN	BC	9K00	A3E							70	A		Chinese language
HNG	TARNOK	6180.001	10	11	0950	1600	35.0	CNR1	CHN	BC	10K3	A3E										
HNG	TARNOK	6180.001	10	11	1600	1700	45.5	NHK	J	BC	10K3	A3E										
HNG	TARNOK	6180.006	10	11	2000	2030	29.1	DWD	D	BC	10K7	A3E										
HNG	TARNOK	6185.002	10	11	0000	0435	23.6	XEPPM	MEX	BC	8K45	A3E										
HNG	TARNOK	6190.002	10	11	1300	1330	21.7	NHK	J	BC	10K6	A3E										
HNG	TARNOK	6190.002	10	11	1500	1557	31.5	CRI	CHN	BC	10K6	A3E										
HNG	TARNOK	6190.002	10	11	1557	1800	35.0	PBS	CHN	BC	10K2	A3E										
HNG	TARNOK	6190.002	10	11	2055	2400	42.5	CNR2	CHN	BC	10K4	A3E										
HNG	TARNOK	6195.000	10	11	0700	0730	37.6	TDF	F	BC	10K0E	X7E										DRM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	6195.000	10	11	1903	1927	62.1	TDF	F	BC	10K0E	X7E										
F	RAMBOUILLET	6195.000	17	12	0800	1155	27.0				10K0E	PXX								A	9	
HNG	TARNOK	6195.002	10	11	0500	0600	49.6			BC	8K86	A3E										
HNG	TARNOK	6199.995	10	11	1600	1700	22.9	PBS	CHN	BC	10K8	A3E										
KOR	CRMS	6200.000	05	12	0000	0017	17.0	15.53			14K9	A3E									6	
HNG	TARNOK	6200.002	10	11	2050	2400	30.3	PBS	CHN	BC	10K3	A3E										
J	TOKYO	6214.940	16	10	1002			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	6214.950	03	12	1013			SOUND OF HOPE		BC		A3E	120	E	55	23	N	37	240	B	11	TAIWAN
J	TOKYO	6229.960	10	12	0751			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6230.000	16	10	1004			CHINA N.R.		BC		A3E							275	D	11	
J	TOKYO	6230.000	25	11	2349				CHN	BC		A3E	116	E	28	39	N	36	290	B		
J	TOKYO	6230.000	03	12	1014			CHINA N.R.		BC		A3E	113	E	55	34	N	59	276	B	11	
ROU	BELCIUGATELE	6235.800	20	11	0826	0909	53.9	Maritime Communications	TUR	FX	3K00	J3E							174	A		Maritime Communications
J	TOKYO	6236.000	25	11	2350			XSG		FC		F1B	120	E	24	31	N	00	260	B		
J	TOKYO	6279.840	16	10	1005			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	6279.850	03	12	1020			SOUND OF HOPE		BC		A3E	121	E	18	25	N	11	243	B	11	TAIWAN
J	TOKYO	6283.250	29	10	0749							F1B										
J	TOKYO	6287.700	29	10	0752														260	D		
J	TOKYO	6298.000	10	12	0755							J3E							250	D		
I	ROMA	6306.300	03	12	1409		10.0			FX	100HE	N0N							327	C		
J	TOKYO	6316.000	03	12	1022			XSQ		FC		F1B										
J	TOKYO	6316.000	10	12	0800			XSQ		FC		F1B										
J	TOKYO	6316.100	29	10	0802			XSQ		FC		F1B										
F	RAMBOUILLET	6318.250	20	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
F	RAMBOUILLET	6325.150	20	12	0700	1900	22.0				100HE	A1AA-								A	9	
J	TOKYO	6325.800	29	10	0803														322	D		
J	TOKYO	6326.000	29	10	0804			XSG		FC		F1B										
J	TOKYO	6326.000	06	11	0611			XSG		FC		F1B										
J	TOKYO	6326.000	10	12	0801			XSG		FC		F1B										
J	TOKYO	6326.000	17	12	0606			XSG		FC		F1B										
J	TOKYO	6326.000	24	12	0418			XSG		FC		F1B										
I	ROMA	6333.000	05	11	1428		28.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	6333.000	12	11	1221		26.0			FX	3K00E	G1D							267	A		STANAG 4285
F	RAMBOUILLET	6333.100	20	12	0700	1900	26.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	6340.170	16	10	1006			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	6340.170	03	12	1025			SOUND OF HOPE		BC		A3E	120	E	46	23	N	34	240	B	11	TAIWAN
F	RAMBOUILLET	6350.000	23	12	0750	1900	48.0				3K00E	J7B								A	9	
J	TOKYO	6350.030	01	10	0132			ECHO OF HOPE		BC		A3E	126	E	51	37	N	03	282	B	11	
J	TOKYO	6350.030	08	10	2351			ECHO OF HOPE		BC		A3E	127	E	41	37	N	00	279	B	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	6350.030	16	10	1007			ECHO OF HOPE		BC		A3E							280	D	11	
J	TOKYO	6350.030	29	10	0806			ECHO OF HOPE		BC		A3E	127	E	08	37	N	35	285	B	11	
J	TOKYO	6350.030	06	11	0613			ECHO OF HOPE		BC		A3E	127	E	11	36	N	40	280	B	11	
J	TOKYO	6350.030	11	11	0420			V.O.HOPE		BC		A3E	127	E	01	36	N	43	280	B	11	
J	TOKYO	6350.030	19	11	0132			ECHO OF HOPE		BC		A3E							280	D	11	
J	TOKYO	6350.030	25	11	2352			V.O.HOPE		BC		A3E	126	E	52	36	N	40	280	B	11	
J	TOKYO	6350.030	03	12	1029			V.O.HOPE		BC		A3E	126	E	58	36	N	43	280	B	11	
J	TOKYO	6350.030	10	12	0802			ECHO OF HOPE		BC		A3E	127	E	01	37	N	18	283	B	11	
F	RAMBOUILLET	6350.100	20	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
I	ROMA	6358.500	05	11	1430		18.0	PBB	HOL	FC	1K00E	F1B							336	A		75 BD
F	RAMBOUILLET	6367.000	23	12	0700	1900	55.0				1K40E	F1B								A	9	
I	ROMA	6367.300	21	10	0832		18.0			FX	1K00E	F1B							284	A		
I	ROMA	6367.300	28	10	0807		16.0			FX	1K00E	F1B							280	A		
I	ROMA	6367.300	05	11	1431		18.0			FX	1K00E	F1B							283	A		
HNG	TARNOK	6367.300	12	11	0800	1000	19.7				1K00E	F1B										CIS-36-50
I	ROMA	6367.400	18	10	1021		2.0			FX	1K00E	F1B							281	A		
J	TOKYO	6369.960	03	12	1030			SOUND OF HOPE		BC		A3E	120	E	33	23	N	02	240	B	11	TAIWAN
J	TOKYO	6369.960	10	12	0802			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6369.970	16	10	1019			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	6369.970	29	10	0808			SOUND OF HOPE		BC		A3E							240	D	11	
HNG	TARNOK	6378.000	12	11	2143	2158	41.8				20K0E	F0N										OTHR
I	ROMA	6390.000	18	10	1025		19.0			FX	3K00E	G1D							112	A		STANAG 4285 600 LON
HNG	TARNOK	6390.000	12	11	0620	2400	29.6				3K00E	G1D										STANAG 4285
I	ROMA	6390.000	12	11	1222		28.0			FX	3K00E	G1D							112	A		STANAG 4285 600 LON
J	TOKYO	6400.400	29	10	0813														40	C		
HNG	TARNOK	6408.000	12	11	0000	2400	29.7				3K00E	G1D										STANAG 4285
J	TOKYO	6412.800	01	10	0134				RUS				131	E	56	43	N	07	322	A		
HNG	TARNOK	6414.500	12	11	0000	2400	28.5				3K00E	G1D										STANAG 4285
J	TOKYO	6422.000	10	12	0804							J3E							305	D		
HNG	TARNOK	6431.800	12	11	0000	0620	29.0				1K00E	F1B										CIS-36-50 850H
HNG	TARNOK	6431.800	12	11	1900	2400	45.0				1K00E	F1B										CIS 36-50
J	TOKYO	6435.700	29	10	0814														168	D		
HNG	TARNOK	6458.000	12	11	0000	2400	25.7				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	6458.200	26	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	6463.800	10	12	0808														116	C		
HNG	TARNOK	6470.000	12	11	0000	2400	30.1				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	6470.100	26	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
HNG	TARNOK	6483.000	12	11	0000	0600	26.0				3K00E	G1D										
J	TOKYO	6486.750	25	11	2355				KRE			J2B	125	E	36	39	N	04	291	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	6487.000	12	11	0000	0600	36.2				1K00E	F1B										850HZ
HNG	TARNOK	6493.500	12	11	0000	2400	32.8				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	6493.750	26	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
HNG	TARNOK	6500.000	12	11	0000	2400	26.7				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	6500.100	27	12	0700	1900	30.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	6520.000	16	10	1024														293	D		
J	TOKYO	6520.000	29	10	0815														295	C		
J	TOKYO	6520.000	06	11	0616				KRE				125	E	48	39	N	29	295	B		
J	TOKYO	6520.000	11	11	0421				KRE			J2B	125	E	10	40	N	01	295	B		
J	TOKYO	6520.000	03	12	1032				KRE			J2B	125	E	51	38	N	49	290	B		
J	TOKYO	6520.000	10	12	0809														290	D		
J	TOKYO	6520.010	01	10	0137			V.O.PEOPLE		BC		A3E	126	E	49	37	N	05	282	A	11	
J	TOKYO	6520.010	08	10	2351			V.O.PEOPLE		BC		A3E	127	E	04	37	N	14	283	B	11	
J	TOKYO	6520.010	19	11	0137			V.O.PEOPLE		BC		A3E							280	D	11	
J	TOKYO	6520.010	26	11	0000			V.O.PEOPLE		BC		A3E	126	E	46	37	N	13	283	B	11	
J	TOKYO	6520.010	17	12	0608					BC		A3E							280	C		
J	TOKYO	6520.010	24	12	0422			V.O.PEOPLE		BC		A3E							283	D	11	
G	BALDOCK	6550.000	02	10	0630	0632			F	FX	3K00E	J3E							145	B	13	PIRATE IN QSO
J	TOKYO	6569.000	03	12	1037							J3E							250	B		
J	TOKYO	6569.000	10	12	0813							J3E							245	C		
J	TOKYO	6598.860	09	10	0013			V.O.PEOPLE		BC		A3E	126	E	43	37	N	35	287	B	11	
J	TOKYO	6599.950	11	11	0422				KRE			J2B	125	E	20	39	N	56	295	B		
J	TOKYO	6600.000	01	10	0139			V.O.PEOPLE		BC		A3E							285	D	11	
J	TOKYO	6600.000	16	10	1027																	
I	ROMA	6600.000	28	10	1746		30.0			BC	10K0E	A3E							47	A	3	
J	TOKYO	6600.000	29	10	0819														295	C		
J	TOKYO	6600.000	19	11	0139			V.O.PEOPLE		BC		A3E							285	D	11	
J	TOKYO	6600.000	26	11	0003			V.O.PEOPLE		BC		A3E	127	E	11	36	N	48	280	B	11	
J	TOKYO	6600.000	03	12	1039				KRE			J2B	125	E	58	39	N	56	296	B		
J	TOKYO	6600.000	10	12	0814														295	D		
J	TOKYO	6600.000	17	12	0611														290	C		
J	TOKYO	6600.000	17	12	0613					BC		A3E							275	C		
J	TOKYO	6600.000	24	12	0427			V.O.PEOPLE		BC		A3E							285	D	11	
J	TOKYO	6601.000	09	10	0015							A1A							286	D		
I	ROMA	6607.000	06	12	0654		18.0	4ZX	ISR	FX	100HE	A1A							110	B	3	
I	ROMA	6617.000	25	10	1656		24.0	VOLMET	RUS	FA	2K70E	J3E							64	A		RUS
I	ROMA	6618.000	25	10	1708		46.0			FX	3K00E	J2D							114		3	
G	BALDOCK	6628.000	02	10	0710	0715		Santa Maria	POR	FD	3K00E	J3E							240	A		Santa Maria Oceanic
G	BALDOCK	6650.000	02	10	0643	0645			F	FX	3K00E	J3E							150	B	13	PIRATE IN QSO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	6650.000	25	10	1658		29.0	INTRUDERS LSB	F	AT	3K10E	J3E							307	A		FRENCH LANGUAGE
J	TOKYO	6673.000	29	10	0822							J3E							45	D		
I	ROMA	6676.000	14	10	1411		4.0	BANGKOK VOLMET	THA	FA	2K70E	J3E							80	A		
J	TOKYO	6676.000	03	12	1041							J3E							249	B		
I	ROMA	6693.000	14	10	1416		1.0	VOLMET	RUS	FA	2K70E	J3E							50			RUSSIAN LANGUAGE
J	TOKYO	6705.030	10	12	0820					BC		A3E										
HNG	TARNOK	6724.000	14	11	0000	0550	38.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	6738.000	14	11	0340	0419	40.7				30K0E	F0N										OTHR
I	ROMA	6754.000	23	10	0556		16.0	TRENTON	CAN	FA	2K70E	J3E							306	B		VOLMET
HNG	TARNOK	6765.000	14	11	0400	0550	23.4				3K00E	G1D										STANAG 4285
I	ROMA	6780.000	03	10	1023		2.0			FX	3K00E	G1D							342	B		STANAG 4285
J	TOKYO	6789.000	01	10	0147				RUS			F1B	131	E	59	43	N	09	322	A		
J	TOKYO	6789.000	09	10	0021							F1B							321	D		
J	TOKYO	6789.000	29	10	0827							F1B							322	D		
J	TOKYO	6789.000	06	11	0622				RUS			F1B	131	E	54	43	N	36	320	A		
J	TOKYO	6789.000	19	11	0149							F1B							319	D		
J	TOKYO	6789.000	26	11	0007				RUS			F1B	132	E	45	43	N	00	323	B		
J	TOKYO	6789.000	10	12	0821							F1B							31	D		
J	TOKYO	6789.000	17	12	0628				RUS			F1B	131	E	35	43	N	21	320	A		
J	TOKYO	6789.000	24	12	0440							F1B							326	D		
J	TOKYO	6831.000	10	12	0822				CHN				118	E	36	24	N	39	246	B		
J	TOKYO	6832.600	29	10	0830							F1B							45	D		
J	TOKYO	6844.400	29	10	0833														116	D		
J	TOKYO	6865.000	09	10	0025				CHN	BC		A3E	123	E	37	47	N	13	318	A		
J	TOKYO	6865.000	16	10	1033			CHINA N.R.		BC		A3E							260	D	11	
J	TOKYO	6865.110	29	10	0834			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	6865.120	03	12	1048			SOUND OF HOPE		BC		A3E	120	E	59	23	N	46	240	B	11	TAIWAN
J	TOKYO	6865.120	10	12	0823			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6874.000	16	10	1035			RIS9				A1A							255	D		
J	TOKYO	6874.000	29	10	0835			RIS9				A1A							300	D		
J	TOKYO	6874.000	11	11	0426				CHN			A1A	116	E	41	39	N	58	290	B		
J	TOKYO	6874.000	10	12	0825			RIS9				A1A	123	E	41	41	N	44	301	B		
J	TOKYO	6879.800	10	12	0826														287	D		
J	TOKYO	6879.870	19	11	0154														285	D		
J	TOKYO	6900.000	16	10	1039			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	6900.000	05	12	0000	0018	18.0	13.7			15K0	A3E									11	
J	TOKYO	6900.010	03	12	1049			SOUND OF HOPE		BC		A3E	120	E	46	23	N	14	239	B	11	TAIWAN
HNG	TARNOK	6905.000	16	11	1437	1646	19.1		I		2K70E	J3E										LSB
I	ROMA	6920.000	14	10	1418		20.0			BC	10K0E	J3E							173	A	3	MUSIC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	6924.750	03	12	1050				KRE			J2B	116	E	18	36	N	25	280	B		
HNG	TARNOK	6940.000	16	11	0737	1124	22.6		I		2K70E	J3E										LSB
J	TOKYO	6960.000	24	12	0444														295	D		
J	TOKYO	6960.010	11	11	0428				KRE				125	E	29	38	N	47	290	B		
J	TOKYO	6960.020	26	11	0011				KRE				125	E	45	38	N	44	290	B		
J	TOKYO	6961.000	03	12	1055				RUS			F1B	135	E	05	49	N	01	346	B		
J	TOKYO	6970.090	29	10	0846			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6970.090	26	11	0014				CHN	BC		A3E	121	E	27	24	N	56	270	B		
J	TOKYO	6970.090	03	12	1058			SOUND OF HOPE		BC		A3E	121	E	11	24	N	18	240	B	11	
J	TOKYO	6970.090	10	12	0843			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6970.830	09	10	0027														321	D		
J	TOKYO	6970.940	16	10	1044														329	D		
I	ROMA	6979.500	03	10	1025		22.0			FX	3K00E	G1D							17	A		STANAG 4285
HNG	TARNOK	6980.000	16	11	1552	1656	24.9		I		2K70E	J3E										LSB
J	TOKYO	6990.300	29	10	0849														248	D		
HNG	TARNOK	6991.000	16	11	1800	1845	41.8				12K0E	F0N										OTHR
HNG	TARNOK	7000.000	20	11	1500	1600	42.5	CRI	CHN	BC	10K3	A3E										
HNG	TARNOK	7000.000	20	11	1600	1800	36.2	CRI	CHN	BC	9K45	A3E										
J	TOKYO	7039.200	17	12	0642			F				A1A							318	C		
J	TOKYO	7039.300	06	11	0630			K				A1A	157	E	23	53	N	26	27	B		
J	TOKYO	7039.300	17	12	0642			K				A1A							27	C		
J	TOKYO	7039.400	06	11	0630			M				A1A							358	D		
J	TOKYO	7039.400	17	12	0642			M				A1A							358	C		
J	TOKYO	7053.990	03	12	1103				RUS			F1B	138	E	32	49	N	26	354	B		
J	TOKYO	7153.400	10	12	0846														248	D		
J	TOKYO	7167.000	06	11	0642							A1A							290	D		
J	TOKYO	7175.800	10	12	0846				RUS				131	E	56	43	N	08	322	B		
F	RAMBOUILLET	7198.500	18	12	0700	1900	32.0				3K20E	J7B								A	9	
HNG	TARNOK	7204.998	18	11	1430	1800	23.1	PBS	CHN	BC	9K97	A3E										
G	BALDOCK	7205.000	07	10	1805	1810		China Radio Int	CHN	BC	10K0E	A3E							62	B		
HNG	TARNOK	7205.000	18	11	2000	2200	34.9	CRI	CHN	BC	9K91	A3E										
J	TOKYO	7205.000	12	12	1300			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	7210.000	07	10	1810	1815		Sound of Hope	USA	BC	10K0E	A3E							56	B		
KOR	CRMS	7210.000	11	11	0031	0031	10.2		CHN	BC	11K7	A3E									6	
J	TOKYO	7210.000	12	12	1400			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	7210.001	18	11	1800	1900	53.4	CRI	CHN	BC	9K75	A3E										
HNG	TARNOK	7210.004	18	11	1900	2050	26.9	KCBS	KRE	BC	9K92	A3E										
HNG	TARNOK	7214.988	18	11	1200	1357	27.6	CRI	CHN	BC	9K64	A3E									3	
G	BALDOCK	7215.000	07	10	1820	1825		China Radio Int	CHN	BC	10K0E	A3E							63	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	7215.000	18	12	0700	1400	42.0	CRI			10K0E	A3EG								A		
F	RAMBOUILLET	7215.000	18	12	1530	1900	55.0	CRI			10K0E	A3EG								A		
HNG	TARNOK	7215.001	18	11	1500	1657	41.8	CRI	CHN	BC	9K94	A3E										
HNG	TARNOK	7215.001	18	11	2025	2400	24.4	CNR1	CHN	BC	9K97	A3E										
KOR	CRMS	7220.000	01	11	0406	0406	25.9		KRE	BC	14K8	A3E										6
I	ROMA	7220.000	01	11	0510		40.0	R.ROMANIA INT.	ROU	BC	9K00E	A3E										
HNG	TARNOK	7220.000	18	11	1700	1800	35.3	CRI	CHN	BC	9K94	A3E										
I	ROMA	7220.000	28	11	0526		45.0	R ROMANIA ACTUALITAT	ROU	BC	10K0E	A3E							58	A		
J	TOKYO	7220.000	12	12	1500			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7220.000	18	12	0700	1300	40.0	CRI			10K0E	A3EG								A		
HNG	TARNOK	7220.001	18	11	1600	1700	38.9	VOV	VTN	BC	9K00	A3E										
HNG	TARNOK	7220.002	18	11	0500	0557	72.4	RRO	ROU	BC	9K29	A3E										
HNG	TARNOK	7220.002	18	11	1400	1600	36.5	CRI	CHN	BC	9K94	A3E										
HNG	TARNOK	7220.051	18	11	2030	2128	31.9	VOV	VTN	BC	9K92	A3E										3
F	RAMBOUILLET	7225.000	19	12	1200	1800	42.0	PBS			10K0E	A3EG								A		3
HNG	TARNOK	7225.001	18	11	1400	1515	26.3	PBS	CHN	BC	9K99	A3E										
HNG	TARNOK	7225.001	18	11	1500	1557	28.6	CRI	CHN	BC	9K99	A3E										
HNG	TARNOK	7225.001	18	11	1704	1804	38.4	NHK	J	BC	9K99	A3E										
HNG	TARNOK	7225.004	18	11	2100	2157	61.5	CRI	CHN	BC	9K75	A3E										
G	BALDOCK	7230.000	07	10	1825	1830		Voice of China	CHN	BC	10K0E	A3E							60	B		
F	RAMBOUILLET	7230.000	19	12	1200	1800	40.0	CNR			10K0	A3EG								A		
HNG	TARNOK	7230.001	18	11	1400	1804	24.6	CNR1	CHN	BC	9K99	A3E										
HNG	TARNOK	7230.002	18	11	2025	2400	32.1	CNR1	CHN	BC	9K98	A3E										
G	BALDOCK	7235.000	07	10	1830	1835		China Radio Int	CHN	BC	10K0E	A3E							73	B		
HNG	TARNOK	7235.000	18	11	1900	1957	49.4	RRO	ROU	BC	10K0E	X7E										DRM
HNG	TARNOK	7235.001	18	11	1400	1757	28.8	CRI	CHN	BC	9K95	A3E										
G	BALDOCK	7240.000	07	10	1835	1840		China National R11	CHN	BC	10K0E	A3E							70	B		
F	RAMBOUILLET	7240.000	19	12	1200	1900	39.0	PBS XIZANG			10K0	A3EG								A		
HNG	TARNOK	7240.002	18	11	1200	1800	21.5	CNR1	CHN	BC	9K94	A3E										
HNG	TARNOK	7240.002	18	11	1757	1900	56.1	CRI	CHN	BC	9K96	A3E										
HNG	TARNOK	7240.002	18	11	2000	2230	45.8	PBS	CHN	BC	9K94	A3E										
G	BALDOCK	7245.000	07	10	1840	1845		Voice of Tajik	TJK	BC	10K0E	A3E							80	B		
F	RAMBOUILLET	7245.000	19	12	1200	1900	38.0	CNR			10K0	A3EG								A		
HNG	TARNOK	7245.002	18	11	1400	1800	30.7	TDJ	TJK	BC	9K69	A3E										
HNG	TARNOK	7245.002	18	11	1900	2057	48.3	CRI	CHN	BC	9K88	A3E										
HNG	TARNOK	7245.002	18	11	2055	2400	49.0	CNR2	CHN	BC	9K93	A3E										
HNG	TARNOK	7250.002	18	11	2200	2400	44.9	CRI	CHN	BC	9K96	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	7255.000	20	12	1000	1100	40.0	CRI			10K0	A3EG								A		
F	RAMBOUILLET	7255.000	20	12	1500	1900	31.0	CRI			10K0	A3EG								A		
J	TOKYO	7260.000	31	10	1100			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7270.000	20	12	1100	1800	39.0	PBS			10K0	A3EG								A		
I	ROMA	7285.000	01	11	0510		35.0	BBC	G	BC	9K00E	A3E										
I	ROMA	7285.000	28	11	0524		53.0	BBC	G	BC	10K0E	A3E							210	A		ENG.ASCENSION
F	RAMBOUILLET	7285.000	23	12	1300	1600	36.0	CRI			10K0	A3EG								A		
F	RAMBOUILLET	7290.000	23	12	0930	1805	57.0	CNR			10K0	A3EG								A		
J	TOKYO	7293.770	19	11	0209				RUS					142	E	54	46	N	41	8	B	
ROU	BELCIUGATELE	7300.000	24	11	2100	2138	70.0	HCJB Radio Akhbar Mufriha	G	BC	9K00	A3E							305	A		Wooferton Arabic language
F	RAMBOUILLET	7300.000	23	12	1300	1800	40.0	CRI			10K0	A3EG								A		
I	ROMA	7305.000	01	11	0530		29.0	BBC	G	BC	9K00E	A3E										
J	TOKYO	7305.000	12	12	2200			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	7305.001	20	11	1800	2100	54.9	CRI	CHN	BC	8K86	A3E										
HNG	TARNOK	7305.002	20	11	0530	0600	37.9	BBC	G	BC	9K86	A3E										
KOR	CRMS	7310.000	11	11	0032	0032	-1.1		CHN	BC	14K8	A3E									6	
HNG	TARNOK	7310.002	20	11	0000	0305	34.1	PBS XINJIANG	CHN	BC	9K55	A3E										
HNG	TARNOK	7315.000	20	11	0000	0100	34.9	CNR2	CHN	BC	9K88	A3E										
HNG	TARNOK	7320.003	20	11	2030	2056	52.2	CRI	CHN	BC	9K26	A3E										
J	TOKYO	7325.000	24	10	1000			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7325.000	24	12	1600	1800	59.0				10K0	A3EG								A		
HNG	TARNOK	7325.002	20	11	0000	0157	41.0	RRO	ROU	BC	9K42	A3E										
HNG	TARNOK	7325.002	20	11	1558	2027	57.4	CRI	CHN	BC	9K94	A3E										
HNG	TARNOK	7325.003	20	11	2058	2100	58.1	CRI	CHN	BC	9K42	A3E										
HNG	TARNOK	7329.998	20	11	1400	1557	44.1	CRI	CHN	BC	10K2	A3E										
HNG	TARNOK	7335.000	20	11	1453	1604	22.4	CNR	CHN	BC	9K23	A3E										
HNG	TARNOK	7335.001	20	11	0000	0030	34.1	CNR2	CHN	BC	9K63	A3E										
HNG	TARNOK	7335.002	20	11	1900	2057	59.2	CRI	CHN	BC	8K67	A3E										
HNG	TARNOK	7340.001	20	11	1800	1857	61.3	CRI	CHN	BC	9K64	A3E										
HNG	TARNOK	7345.002	20	11	2030	2130	64.5	CRI	CHN	BC	9K90	A3E										
HNG	TARNOK	7350.001	20	11	0000	0227	65.9	CRI	CHN	BC	9K86	A3E										
HNG	TARNOK	7350.001	20	11	1557	1757	65.6	CRI	CHN	BC	9K05	A3E										
HNG	TARNOK	7350.001	20	11	1830	2230	52.7	CRI	CHN	BC	8K95	A3E										
HNG	TARNOK	7350.001	20	11	2257	2400	48.2	CRI	CHN	BC	9K10	A3E										
ROU	BELCIUGATELE	7355.000	25	11	0300	0337	57.8	Radio Marti	USA	BC	9K00	A3E							308	A		Greenville B Spanish Language
J	TOKYO	7355.000	12	12	1400			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7355.000	26	12	0700	1100	39.0	MARTI RADIO			10K0E	A3EG								A	3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	7360.000	24	10	1400			CHINA R.I.	CHN	BC		A3E										
I	ROMA	7360.000	01	11	0510		44.0	VATICAN RADIO	CVA	BC	9K00E	A3E										
I	ROMA	7360.000	28	11	0520		52.0	VATICAN RADIO	CVA	BC	10K0E	A3E							286	A		UKR LANGUAGE
ROU	BELCIUGATELE	7365.000	25	11	0215	0255	59.0	Radio Marti	USA	BC	9K00	A3E							308	A		Greenville B Spanish Language
F	RAMBOUILLET	7370.000	26	12	0800	1100	32.0	WORLD CHRISTIAN RADIO			10K0E	A3EG -								A	3	
I	ROMA	7390.000	01	11	0510		27.0	R.FRANCE INT.	F	BC	9K00E	A3E										
I	ROMA	7390.000	28	11	0515		31.0	R.FRANCE INT.	F	BC	10K0E	A3E										
J	TOKYO	7390.000	12	12	1200			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	7410.000	17	10	0606	0629	41.4	BBC	G	BC	3K00	A3E							223	A		Ascension French Language
J	TOKYO	7410.000	24	10	1300			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	7410.000	31	10	1300			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	7410.001	22	11	1400	1600	29.3	CRI	CHN	BC	9K74	A3E										
HNG	TARNOK	7410.002	22	11	1600	1757	45.2	CRI	CHN	BC	9K95	A3E										
HNG	TARNOK	7410.002	22	11	2159	2230	41.2	VAT	CVA	BC	9K44	A3E										
HNG	TARNOK	7415.001	22	11	1900	2200	69.7	CRI	CHN	BC	9K94	A3E										
HNG	TARNOK	7420.002	22	11	1600	1800	58.6	CRI	CHN	BC	9K97	A3E										
HNG	TARNOK	7425.021	22	11	1100	1604	17.3	CNR2	CHN	BC	8K20	A3E									3	
J	TOKYO	7430.000	24	10	0900			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	7430.001	22	11	1300	1400	35.6	RADIO TAIWAN INT.	CHN	BC	9K86	A3E										
HNG	TARNOK	7430.112	22	11	1200	1300	23.3			BC	8K82	A3E									3	
HNG	TARNOK	7433.000	21	11	0450	2400	35.1				250H	F1B										
I	ROMA	7433.000	21	11	0731		18.0	1EB41EB2952	RUS	FX	250HE	F1B							71	B		50BD T600
I	ROMA	7433.000	29	11	0721		20.0	1EB41EB2952	RUS	FX	250HE	F1B							71	B		50BD T600
J	TOKYO	7433.500	01	10	0152			HLL2				F3C	127	E	50	35	N	54	275	A		
J	TOKYO	7433.500	09	10	0040			HLL2				F3C	128	E	07	36	N	32	278	B		
J	TOKYO	7433.500	16	10	1050			HLL2				F3C							285	D		
J	TOKYO	7433.500	11	11	0447			HLL2				F3C	128	E	08	36	N	35	280	B		
J	TOKYO	7433.510	24	12	0503			HLL2				F3C	128	E	33	35	N	52	275	B		
J	TOKYO	7433.520	26	11	0018			HLL2				F3C	128	E	21	36	N	53	282	B		
J	TOKYO	7435.000	24	10	1100			CHINA R.I.	CHN	BC		A3E										
I	ROMA	7435.000	01	11	0510		34.0	R.MARTI	USA	BC	9K00E	A3E										
I	ROMA	7435.000	28	11	0506		35.0	RADIO MARTI	USA	BC	9K00E	A3E							293	A		SPA
J	TOKYO	7435.000	12	12	1100			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7435.000	27	12	0700	1100	39.0	MARTI RADIO			10K0E	A3EG -								A	3	
HNG	TARNOK	7435.001	22	11	1400	1557	44.1	CRI	CHN	BC	9K85	A3E										
HNG	TARNOK	7435.004	22	11	1857	2000	74.4	CRI	CHN	BC	9K57	A3E										
HNG	TARNOK	7440.001	22	11	1600	1630	68.4	RRO	ROU	BC	9K34	A3E										
HNG	TARNOK	7440.001	22	11	1957	2057	61.5	CRI	CHN	BC	9K89	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	7442.300	29	10	0855														248	D		
HNG	TARNOK	7445.003	22	11	2100	2157	55.5	CRI	CHN	BC	9K93	A3E										
I	ROMA	7450.000	01	11	0530		42.0	NHK WORLD RADIO JAPA	F	BC	9K00E	A3E										
KOR	CRMS	7450.000	18	11	0031	0031	-21.1		CHN	BC	15K0	A3E									6	
J	TOKYO	7450.000	03	12	1106				CHN	BC		A3E	108	E	56	33	N	53	275	B		
KOR	CRMS	7450.000	16	12	0000	0027	27.0	-8			14K8	A3E									6	
HNG	TARNOK	7450.001	22	11	1400	1800	22.1	PBS	CHN	BC	9K99	A3E										
HNG	TARNOK	7450.002	22	11	2000	2230	26.7	PBS	CHN	BC	9K99	A3E										
J	TOKYO	7455.400	10	12	0854														248	D		
G	BALDOCK	7456.000	24	10	0818	0820		?	D	FX	3K00E	G1D										
J	TOKYO	7457.000	29	10	0858							F1B										
J	TOKYO	7461.000	26	11	0025				RUS			F1B							322	B		
J	TOKYO	7461.000	17	12	0650							F1B							322	D		
J	TOKYO	7461.050	10	12	0855				RUS			F1B	131	E	59	43	N	11	322	A		
J	TOKYO	7470.000	16	10	1101					BC		A3E							255	D		
ROU	BELCIUGATELE	7495.000	12	12	1405	1549	60.0	Voa Deewa Radio	THA	BC	9K00	A3E							90	A		Pashto language
J	TOKYO	7510.000	25	11	2345					BC		A3E										
I	ROMA	7556.400	03	10	1026		17.0		F	FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	7556.400	24	10	0823	0825			F	FX	3K00E	G1D							167	A		
J	TOKYO	7556.800	17	12	0601														27	B		
J	TOKYO	7556.820	24	12	0415														319	D		
J	TOKYO	7556.950	16	10	1002							J2D							320	D		
J	TOKYO	7570.010	25	11	2346					BC		A3E							296	D		
G	BALDOCK	7571.000	24	10	0829	0830				FX	195HE	F1B							91	A		
J	TOKYO	7580.000	29	10	0747			V.O.KOREA		BC		A3E	125	E	13	39	N	58	295	A	11	
KOR	CRMS	7580.000	14	11	0108	0108	1.1		TJK	BC	14K9	A3E									11	
J	TOKYO	7580.000	19	11	0132					BC		A3E							295	D		
J	TOKYO	7580.000	03	12	1003			V.O.KOREA		BC		A3E							294	C	11	
KOR	CRMS	7580.000	06	12	0008	0812	812.0	57.71			14K9	A3E									11	
J	TOKYO	7580.000	10	12	0747			V.O.KOREA		BC		A3E	125	E	18	40	N	03	295	B	11	
KOR	CRMS	7580.000	19	12	0001	0148	148.0	-5.81			14K8	A3E									11	
J	TOKYO	7597.000	29	10	0750				USA			F1B	117	W	05	40	N	33	50	B		
J	TOKYO	7597.000	06	11	0603							F1B							55	B		
J	TOKYO	7597.000	06	11	0641							F1B							55	D		
J	TOKYO	7597.000	10	12	0749							F1B							55	D		
J	TOKYO	7597.050	16	10	1002							F1B							55	D		
J	TOKYO	7600.400	06	11	0605														278	D		
J	TOKYO	7617.000	06	11	0605			MHF6				A1A							289	C		
J	TOKYO	7620.000	25	11	2351					BC		A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	7634.000	24	11	1355	1357	36.0				2K40E	F7B										COQUELET 13
HNG	TARNOK	7635.001	24	11	1558	1700	47.2	RFA	KWT	BC	9K80	A3E									11	
J	TOKYO	7637.000	29	10	0758							F1B							5	D		
J	TOKYO	7642.400	06	11	0613														262	D		
J	TOKYO	7644.960	16	10	1012			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	7644.980	25	11	2357			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	7644.990	03	12	1005			SOUND OF HOPE		BC		A3E	120	E	50	24	N	04	240	B	11	
I	ROMA	7646.000	03	10	1027		2.0	DDH7	D	SM	800HE	F1B							350	B		BAUDOT 50 BD
HNG	TARNOK	7646.000	24	11	0550	1632	40.4	DDH7	D	SM	500H	F1B										450HZ
HNG	TARNOK	7657.000	24	11	0019	0300	32.7				300H	F1B										CIS36-50
HNG	TARNOK	7668.800	24	11	0550	1901	33.6				3K30E	G7D										
HNG	TARNOK	7669.000	24	11	0010	0040	41.7				20K0E	F0N										OTHR
HNG	TARNOK	7695.000	24	11	1730	1744	36.5				12K0E	F0N										OTHR
J	TOKYO	7695.930	03	12	1013							F1B							45	C		GUM
J	TOKYO	7719.990	19	11	0138			ECHO OF HOPE		BC		A3E							280	C	11	
HNG	TARNOK	7719.997	24	11	1330	1958	34.3			BC	9K15	A3E									11	
J	TOKYO	7720.000	08	10	2348			V.O. HOPE		BC		A3E									11	
J	TOKYO	7720.000	26	11	0004				KOR	BC		A3E	127	E	08	37	N	33	287	B		
J	TOKYO	7720.000	17	12	0605			ECHO OF HOPE		BC		A3E	127	E	04	37	N	25	284	B	11	
J	TOKYO	7720.000	24	12	0417			ECHO OF HOPE		BC		A3E							284	D	11	
J	TOKYO	7729.860	03	12	1015			SOUND OF HOPE		BC		A3E	120	E	50	24	N	04	240	B	11	GUM
J	TOKYO	7729.870	26	11	0007			SOUND OF HOPE		BC		A3E	120	E	33	23	N	30	240	B	11	TAIWAN
J	TOKYO	7729.950	16	10	1016			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	7730.000	08	10	2350				CHN	BC		A3E							247	B		
J	TOKYO	7730.000	29	10	0805			CHINA N.R.		BC		A3E							253	D	11	
KOR	CRMS	7730.000	15	11	0440	0440	-2.2		CHN	BC	14K9	A3E									11	
J	TOKYO	7730.000	10	12	0754					BC		A3E							275	D		
HNG	TARNOK	7738.000	24	11	1720	1749	36.3				13K0E	F0N										OTHR
J	TOKYO	7739.800	06	11	0617				RUS				158	E	09	53	N	04	30	A		
J	TOKYO	7750.170	16	10	1019			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	7754.790	16	10	1023							J2D							240	D		
HNG	TARNOK	7770.000	24	11	1233	1615	27.1				2K80	G7D										
HNG	TARNOK	7779.000	24	11	1623	1638	43.7				12K0E	F0N										OTHR
J	TOKYO	7780.000	29	10	0810					BC		A3E										
J	TOKYO	7785.000	06	11	0621				RUS			F1B	135	E	02	48	N	23	344	B		
J	TOKYO	7785.000	06	11	0645				RUS			F1B	134	E	50	48	N	38	350	A		
HNG	TARNOK	7785.000	24	11	1458	1512	45.5				12K0E	F0N										OTHR
HNG	TARNOK	7789.000	24	11	0950	1002	21.0				100H	A1B										
HNG	TARNOK	7804.000	24	11	0000	0036	20.8				30K0E	F0N										OTHR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	7810.000	24	11	1528	1643	44.9				24K0E	F0N										OTHR
I	ROMA	7876.500	03	10	1029		38.0			FX	3K00E	G1D							82	A		STANAG 4285
J	TOKYO	7896.000	08	10	2355				RUS			F1B	158	E	46	53	N	06	29	B		
J	TOKYO	7896.000	29	10	0820							F1B							30	D		
J	TOKYO	7896.000	17	12	0611				RUS			F1B	158	E	20	53	N	39	29	B		
J	TOKYO	7907.000	17	12	0616				RUS				158	E	23	53	N	10	30	B		
J	TOKYO	7988.930	16	10	1029				RUS			F1B	136	E	10	48	N	50	348	A		
I	ROMA	8038.300	04	10	1042		5.0		TUR	FX	3K00E	G1D							89	A		STANAG 4285 2400BD
J	TOKYO	8053.980	06	11	0629							F1B							357	C		
J	TOKYO	8054.000	29	10	0824							F1B							2	D		
J	TOKYO	8054.000	26	11	0015							F1B							1	D		
J	TOKYO	8054.000	03	12	1018							F1B							359	C		
J	TOKYO	8054.000	10	12	0807							F1B							1	D		
J	TOKYO	8077.940	16	10	1035							F1B							343	D		
I	ROMA	8106.300	04	10	1045		25.0			FX	3K10	F1C							118	A		METEOFAX
HNG	TARNOK	8111.500	26	11	2100	2400	26.5				2K80	G1D										
I	ROMA	8115.000	07	10	0729		0.0			FX	700HE	F1B							36	A		
J	TOKYO	8117.000	10	12	0810							J3E							240	D		
J	TOKYO	8117.000	17	12	0620							J3E							240	C		
I	ROMA	8142.000	03	10	1030		7.0		D	FX	3K00E	G1D							358	A		STANAG 4285 2400BD
J	TOKYO	8143.000	29	10	0830							F1B										
J	TOKYO	8143.000	19	11	0150				RUS			F1B	131	E	51	43	N	19	320	B		
J	TOKYO	8143.000	17	12	0622				RUS			F1B	131	E	49	43	N	01	321	A		
J	TOKYO	8143.000	24	12	0425				RUS			F1B	131	E	38	42	N	39	320	A		
HNG	TARNOK	8145.000	26	11	0000	1900	39.2				1K20	F1B										800HZ
HNG	TARNOK	8145.424	26	11	0600	1900	24.1				4K34	G1D										
I	ROMA	8151.000	03	10	1031		15.0			FX	3K00E	G1D							111	A		STANAG 4285
J	TOKYO	8176.340	16	10	1038					BC		A3E										
F	RAMBOUILLET	8204.500	30	12	0700	1900	27.0				500HE	F1B								A	9	100 BAUDS
I	ROMA	8205.700	03	10	1032		13.0			FX	3K10E	G1D							96	A		STANAG 4285
I	ROMA	8205.700	03	10	2010		38.0			FX	3K00E	G1D							96	A		STANAG 4285
I	ROMA	8258.000	03	10	2018		12.0			FX	3K00E	J2D							251	A		
J	TOKYO	8302.000	01	10	0145			XSG		FC		F3C										
J	TOKYO	8302.000	16	10	1042			XSG		FC		F3C							260	C		
J	TOKYO	8302.000	03	12	1020			XSG		FC		F3C										
J	TOKYO	8302.000	24	12	0449			XSG		FC		F3C							255	D		
J	TOKYO	8310.000	26	11	0025							F1B							350	D		
J	TOKYO	8314.000	01	10	0149							J2D										
I	ROMA	8314.000	03	10	2010		35.0			FX	3K00E	G1D							108	A		STANAG 4285 2400BD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	8318.400	17	12	0624														246	D		
I	ROMA	8321.000	07	10	0923		13.0			FX	3K00E	G1D							340	A		STANAG 4285 BR 2400
I	ROMA	8347.000	03	10	0636	2012	14.0			FX	3K00E	J2D							87	B		
J	TOKYO	8397.500	19	11	0158				KOR			F1B	127	E	25	37	N	31	282	B		
I	ROMA	8404.000	03	10	2110		12.0			FX	2K70E	J3E							123	A		
HNG	TARNOK	8408.000	28	11	0000	0700	20.4				100H	A1A										
HNG	TARNOK	8409.000	28	11	0630	1830	19.6				3K00E	G1D										STANAG 4285
I	ROMA	8410.000	03	10	1034		2.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	8410.000	03	10	2110		28.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	8410.000	07	10	0926		10.0			FX	3K00E	G1D							337	A		STANAG 4285
J	TOKYO	8412.890	26	11	0033				CHN				119	E	19	26	N	11	246	B		
HNG	TARNOK	8414.500	28	11	0000	0700	9.9				1K00	F1B										
I	ROMA	8416.500	03	10	2110		41.0	UAT	RUS	FC	270HE	F1B							40	A		100B SITOR
J	TOKYO	8416.500	03	12	1022							F1B							87	D		
I	ROMA	8421.000	03	10	2110		9.0	XSQ	CHN	FC	270HE	F1B							63	A		
J	TOKYO	8421.000	09	10	0000			XSQ		FC		F1B	119	E	20	25	N	50	247	B		
J	TOKYO	8421.000	16	10	1051			XSQ		FC		F1B										
J	TOKYO	8421.000	29	10	0838			XSQ				F1B										
J	TOKYO	8421.000	06	11	0640			XSQ		FC		F1B										
J	TOKYO	8421.000	19	11	0202			XSQ		FC		F1B										
J	TOKYO	8421.000	26	11	0037			XSQ		FC		F1B										
J	TOKYO	8421.000	03	12	1025			XSQ		FC		F1B										
J	TOKYO	8421.000	10	12	0820			XSQ		FC		F1B										
J	TOKYO	8421.000	17	12	0630			XSQ		FC		F1B										
I	ROMA	8424.000	03	10	2110		45.0	SVO	GRC	FC	270HE	F1B							120	A		SITOR
I	ROMA	8424.000	15	10	1536		34.0	SVO	GRC	FC	270HE	A1A							120	A		
HNG	TARNOK	8424.000	28	11	1300	1800	40.8				250HE	F1B										200HZ
J	TOKYO	8425.000	16	10	1054			XSG		FC		F1B										
J	TOKYO	8425.000	03	12	1025			XSG		FC		F1B										
J	TOKYO	8425.500	01	10	0149			XSG		FC		F1B										
J	TOKYO	8425.500	09	10	0002			XSG		FC		F1B	121	E	18	31	N	29	260	B		
J	TOKYO	8425.500	29	10	0840			XSG				F1B										
J	TOKYO	8425.500	06	11	0641			XSG		FC		F1B										
J	TOKYO	8425.500	11	11	0434			XSG		FC		F1B										
J	TOKYO	8425.500	19	11	0202			XSG		FC		F1B										
J	TOKYO	8425.500	26	11	0041			XSG		FC		F1B										
J	TOKYO	8425.500	24	12	0428			XSG		FC		F1B							259	D		
J	TOKYO	8426.000	10	12	0825			XSG		FC		F1B										
J	TOKYO	8427.200	17	12	0632			XSG		FC		F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	8431.000	09	10	0005			XSQ		FC		F1B										
I	ROMA	8431.000	15	10	1537		18.0	TAH	TUR	FC	270HE	F1B							86	A		SITOR
J	TOKYO	8431.000	29	10	0843			XSQ				F1B										
HNG	TARNOK	8431.000	28	11	0500	1830	35.8	TAH	TUR	FC	300HE	F1B										
J	TOKYO	8431.000	03	12	1032			XSQ		FC		F1B										
I	ROMA	8439.000	03	10	2110		38.0	PBB	HOL	FC	1K00E	F1B							336	A		75 BD
HNG	TARNOK	8439.000	28	11	0600	1830	35.2	PBC	HOL	FC	1K00	F1B										850HZ
J	TOKYO	8451.000	29	10	0846				RUS			F1B	139	E	51	53	N	05	359	A		
HNG	TARNOK	8454.000	28	11	1300	1800	28.0				3K00E	G1D										STANAG 4285
I	ROMA	8454.800	03	10	1035		20.0			FX	3K00E	G1D							286	A		STANAG 4285
I	ROMA	8454.800	03	10	2110		19.0			FX	3K00E	G1D								D		STANAG 4285
I	ROMA	8454.800	07	10	0928		24.0			FX	3K00E	G1D							284	A		STANAG 4285
I	ROMA	8454.800	15	10	1132		21.0			FX	3K00E	G1D							285	A		STANAG 4285
I	ROMA	8465.000	03	10	2110		33.0		E	FX	3K00E	G1D							266	A		STANAG 4285
HNG	TARNOK	8465.000	28	11	1200	2400	28.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	8477.000	28	11	0000	0700	16.0				3K00E	G1D										STANAG 4285
HNG	TARNOK	8480.000	28	11	0000	0700	7.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	8486.000	28	11	2100	2400	16.7				3K00E	G1D										STANAG 4285
I	ROMA	8488.000	03	10	2110		38.0	1414BEBE952	RUS	FX	250HE	F1B							12	A		50BD T600
HNG	TARNOK	8489.000	28	11	2100	2400	16.8				3K00E	G1D										STANAG 4285
I	ROMA	8494.000	02	10	2110		32.0		E	FX	3K00E	G1D							263	B		STANAG 4285 2400BD
I	ROMA	8494.000	07	10	0930		14.0		E	FX	3K00E	G1D							267	A		STANAG 4285 2400BD
HNG	TARNOK	8494.000	28	11	0000	0700	24.3				3K00E	G1D										STANAG 4285
HNG	TARNOK	8494.800	28	11	1200	2400	31.8		RUS	FX	100HE	A1A										KALNINGRAD
J	TOKYO	8495.200	10	12	0829			F				A1A							322	D		
J	TOKYO	8495.300	09	10	0007			K				A1A	158	E	20	53	N	04	30	B		
J	TOKYO	8495.300	06	11	0644			K				A1A							30	C		
J	TOKYO	8495.300	11	11	0437			K				A1A							27	A		
J	TOKYO	8495.300	26	11	0043			K				A1A										
J	TOKYO	8495.300	03	12	1038			K				A1A							30	C		
J	TOKYO	8495.300	10	12	0831			K				A1A							30	D		
J	TOKYO	8495.300	17	12	0639			K				A1A							30	C		
J	TOKYO	8495.400	29	10	0849			M				A1A										
J	TOKYO	8495.400	06	11	0645			M				A1A							0	D		
J	TOKYO	8495.400	11	11	0438			M				A1A							359	B		
J	TOKYO	8495.400	26	11	0046			M				A1A							1	D		
J	TOKYO	8495.400	03	12	1038			M				A1A							359	C		
J	TOKYO	8495.400	10	12	0837			M				A1A							0	D		
J	TOKYO	8495.400	17	12	0639			M				A1A							358	C		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	8497.800	03	10	2110		16.0	L	RUS	RN	100HE	A1A							22	A		
J	TOKYO	8500.000	09	10	0008				KRE			J3E	129	E	44	41	N	21	308	B		
I	ROMA	8502.000	04	10			6.0	NMG	USA	FC	2K70E	J3E										SEA METEO
HNG	TARNOK	8507.000	28	11	0700	1815	22.0				3K00E	G1D										STANAG 4285
I	ROMA	8507.500	03	10	2110		36.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	8514.000	03	10	2110		20.0			FX	3K00E	J3E							42	A		NOISE OR JAMMER
I	ROMA	8518.800	07	10	0931					FX	3K00E	G1D							287	A		BAUDOT
J	TOKYO	8518.800	06	11	0648							F1B										
J	TOKYO	8518.800	17	12	0642							F1B										
HNG	TARNOK	8519.000	28	11	0630	1800	30.2				3K00E	G1D										STANAG 4285
HNG	TARNOK	8520.000	28	11	1300	1845	14.8				3K00E	G1D										STANAG 4285
I	ROMA	8526.000	03	10	2110		39.0			FX	3K00E	G1D							336	A		STANAG 4285
HNG	TARNOK	8526.000	28	11	0700	1800	24.7				3K00E	G1D										STANAG 4285
J	TOKYO	8537.980	16	10	1054				USA			F1B	144	E	54	13	N	34	168	A		GUM
J	TOKYO	8538.000	06	11	0654				USA			F1B	144	E	49	13	N	29	169	B		
J	TOKYO	8538.000	11	11	0444							F1B							167	C		
J	TOKYO	8538.000	26	11	0049				USA			F1B	144	E	52	13	N	21	169	B		GUM
J	TOKYO	8538.000	03	12	1042				USA			F1B	144	E	46	13	N	33	168	A		
J	TOKYO	8538.000	10	12	0841				USA			F1B	144	E	46	13	N	21	169	A		GUM
J	TOKYO	8538.000	17	12	0647				USA			F1B	137	E	15	14	N	03	169	B		GUM
J	TOKYO	8538.000	24	12	0431				USA			F1B	144	E	51	13	N	00	168	A		GUM
J	TOKYO	8538.010	29	10	0853							F1B							166	D		
I	ROMA	8549.800	03	10	2110		30.0			FX	3K00E	G1D							128	A		STANAG 4285
HNG	TARNOK	8550.000	28	11	0000	0700	26.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	8550.000	28	11	1300	2400	31.5				3K00E	G1D										STANAG 4285
HNG	TARNOK	8554.500	28	11	0000	0700	21.5				3K00E	G1D										STANAG 4285
HNG	TARNOK	8554.500	28	11	2100	2400	27.2				3K00E	G1D										STANAG 4285
I	ROMA	8566.800	03	10	2110		45.0			FX	900HE	F1B							281	A		STANAG 4481 50BD
HNG	TARNOK	8566.800	28	11	1800	1930	39.0				1K00E	F1B										850HZ
I	ROMA	8568.500	03	10	2110		28.0		RUS	FX	3K00E	J2D							41	A		CIS16
I	ROMA	8587.500	03	10	2110		15.0			FX	2K70E	J2D							33	B		
J	TOKYO	8597.900	17	12	0649				RUS				131	E	53	43	N	06	322	A		
J	TOKYO	8600.000	06	11	0656							A1A							287	D		GUM
I	ROMA	8614.000	08	10	2010		24.0			FX	3K00E	G1D							332	A		STANAG 4285 600 LON
J	TOKYO	8617.000	01	10	0215				RUS			F1B	131	E	36	43	N	13	321	A		
J	TOKYO	8617.000	29	10	0900							F1B							1	D		
J	TOKYO	8617.000	19	11	0212				RUS			F1B	131	E	53	43	N	43	325	A		
J	TOKYO	8617.000	26	11	0053				RUS			F1B	132	E	59	42	N	56	325	A		
J	TOKYO	8617.000	17	12	0653				RUS			F1B	132	E	02	43	N	10	322	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	8617.030	06	11	0706							F1B							322	D		
J	TOKYO	8626.800	06	11	0709														116	D		
J	TOKYO	8626.800	17	12	0655														116	B		
I	ROMA	8634.400	03	10	1245		27.0			FX	3K10E	G1D							285	A		STANAG 4285
I	ROMA	8634.400	07	10	0941		42.0			FX	3K10E	G1D							285	A		STANAG 4285
I	ROMA	8650.000	08	10	1448		5.0	CODAR		FX	100K	P0N							101	B		NO OTH
I	ROMA	8650.000	08	10	2010		16.0	CODAR		FX	100K	P0N							101	B		NO OTH
J	TOKYO	8653.950	16	10	1111				USA			F1B							168	D		
I	ROMA	8654.000	08	10	2010		12.0			FX	900HE	F1B							49	B		50BD
J	TOKYO	8654.000	11	11	0447							F1B							168	C		
J	TOKYO	8654.000	03	12	1045				USA			F1B	144	E	46	13	N	33	168	A		
J	TOKYO	8654.000	17	12	0659				USA			F1B	144	E	53	13	N	34	169	B		GUM
I	ROMA	8665.000	08	10	2028		5.0	XSG	CHN	FC	100HE	A1A							52	A		RTF LIST
J	TOKYO	8665.000	09	10	0014				CHN			A1A	121	E	18	31	N	22	251	B		
J	TOKYO	8665.000	06	11	0709							A1A							261	D		
J	TOKYO	8665.000	19	11	0217							A1A							260	D		
J	TOKYO	8665.000	17	12	0702				CHN			A1A	121	E	24	31	N	15	250	B		
I	ROMA	8668.000	10	10	1419	1431	2.0	K3V		FX	100HE	A1A							72	C		
I	ROMA	8668.000	10	10	1445		2.0			FX	100HE	A1A							51	B		
I	ROMA	8674.000	04	10	0827		20.0		G	FX	1K50E	F1C							322	A		METEOFAX 120 RPM
I	ROMA	8674.000	08	10	1248		12.0		G	FX	1K50E	F1C							321			METEOFAX 120 RPM
I	ROMA	8674.000	08	10	2024		16.0		G	FX	1K50E	F1C							322	A		METEOFAX 120 RPM
J	TOKYO	8681.990	06	11	0712							F3C							54	D		
J	TOKYO	8690.770	24	12	0438														290	D		
J	TOKYO	8694.000	29	10	0904							F1B							55	D		
J	TOKYO	8694.000	06	11	0714							F1B							55	D		
J	TOKYO	8694.000	11	11	0452							F1B							56	C		
J	TOKYO	8694.000	10	12	0849				USA			F1B	122	W	33	37	N	47	55	A		
I	ROMA	8699.200	08	10	2010		30.0		POR	FX	3K00E	G1D							264	A		STANAG 4285
I	ROMA	8700.000	07	10	0945		17.0			FX	3K10	G1D							347	A		STANAG 4285 2400BD
I	ROMA	8702.800	08	10	2010		29.0		POR	FX	3K00E	G1D							264	A		STANAG 4285
I	ROMA	8704.000	08	10	2010		16.0			FX	2K70E	J2D							49	A		
I	ROMA	8743.000	10	10	1515		3.0	BANGKOK METEO	THA	FC	2K70E	J3E							83	B		
I	ROMA	8750.000	08	10	2020		45.0	RADAR OTH	CYP	FX	20K0E	P0N							108	A		OTH RADAR
I	ROMA	8757.500	03	10	1246		16.0			FX	3K00E	G1D							111	A		STANAG 4285
I	ROMA	8757.500	08	10	2010		18.0			FX	3K00E	G1D							111	A		STANAG 4285
I	ROMA	8757.500	26	11	0812		45.0			FX	3K00E	G1D							96	A		STANAG 4285
I	ROMA	8773.000	08	10	2022	2022	12.0	XSS	G	FX	3K00E	J2D							324	B		MIL 188-141 ALE
I	ROMA	8780.000	08	10	2010		19.0			FX	6K00E	J7D							81	A		LSB+USB

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	8780.000	08	10	2018		24.0		ISR	FX	3K00E	J2D							112	A		MIL 188-110A
G	BALDOCK	8825.000	05	10	2310	2312		NEW YORK RADIO	USA	FA	2K80E	J3E							288	A		
I	ROMA	8825.000	08	10	2040		10.0	NEW YORK	USA	FA	2K70E	J3E							296	B		AIR TRAFFIC CONTROL
I	ROMA	8828.000	08	10	2045		1.0	AUCKLAND VOLMET	NZL	FA	2K70E	J3E										VOLMET
G	BALDOCK	8846.000	05	10	2307	2310		GANDER RADIO	CAN	FA	2K80E	J3E							288	B		
I	ROMA	8849.000	08	10	2045		1.0	GUANGZHOU VOLMET	CHN	FA	2K70E	J3E										
J	TOKYO	8849.000	06	11	0719							J3E							290	D		
J	TOKYO	8849.000	17	12	0705				CHN			J3E	116	E	31	39	N	51	290	B		
I	ROMA	8861.000	10	10	0552		20.0	CANARIES	E	FA	2K70E	J3E							248	A		AIR TRAFFIC
I	ROMA	8864.000	08	10	2056		3.0	GANDER RADIO	CAN	FA	2K70E	J3E							302	B		AIR TRAFFIC
HNG	TARNOK	8864.000	30	11	1843	1851	15.0	GANDER RADIO	ISL	FA	2K80E	J3E										USB
J	TOKYO	8866.000	17	12	0707							A1A										
I	ROMA	8875.000	08	10	2043	2043	21.0	B1		FX	3K00E	J2D							244	A		MIL 188-141 ALE
I	ROMA	8879.000	08	10	2040		15.0	MUMBAI RADIO	IND	FA	2K70E	J3E							98	A		
I	ROMA	8879.000	11	10	1650		19.0	MUMBAI RADIO	IND	FA	2K70E	J3E							98	A		
I	ROMA	8879.000	11	10	1650		5.0	SHANWICK RADIO	IRL	FA	2K70E	J3E							310	A		
HNG	TARNOK	8879.000	30	11	1806	2012	18.7	MUMBAI ATC	IND	FA	2K80E	J3E										USB
G	BALDOCK	8888.000	05	10	2313	2315		NOVOSIBIRSK VOLMET	RUS	FA	2K80E	J3E							52	B		
I	ROMA	8888.000	08	10	2040	2050	12.0	SAMARA	RUS	FA	2K70E	J3E							48	B		VOLMET
I	ROMA	8888.000	14	10	1408		3.0	SAMARA	RUS	FA	2K70E	J3E							48	A		VOLMET
J	TOKYO	8888.000	17	12	0707							A1A							275	C		
I	ROMA	8888.800	08	10	2040		8.0			MS	2K70E	J3E							240	A		ARAB LANGUAGE
J	TOKYO	8899.980	10	12	0901				KRE				125	E	08	40	N	09	295	A		
I	ROMA	8900.000	08	10	0835	2053	23.0			FX	100HE	N0N							122	A		
I	ROMA	8903.000	08	10	2050		8.0			FA	2K70E	J3E							162			AIR TRAFFIC CONTROL
I	ROMA	8903.000	11	10	2050		14.0			MA	2K70E	J3E							162	A		AIR TRAFFIC CONTROL
I	ROMA	8906.000	08	10	2056		18.0	SANTA MARIA	POR	FA	2K70E	J3E							273	A		AIR TRAFFIC
J	TOKYO	8907.000	17	12	0709							A1A										
J	TOKYO	8909.970	06	11	0721							A1A							290	D		
I	ROMA	8910.000	08	10	2040	2045	23.0	OTH RADAR	RUS	FX	20K0E	P0N							48	A		
I	ROMA	8917.000	08	10	2051	2053	9.0		RUS	FA	2K70E	J3E							46	A		RUSSIAN VOLMET
I	ROMA	8918.000	10	10	0558		8.0	NEW YORK	USA	FA	2K70E	J3E										AIR TRAFFIC CONTROL
J	TOKYO	8927.000	03	12	1050			GUAM		FA		J2D										
J	TOKYO	8927.000	17	12	0710			GUAM		FA		J2D										
J	TOKYO	8936.000	06	11	0724			MOLOKAI		FA		J2D										
J	TOKYO	8936.000	17	12	0711			MOLOKAI		FA		J2D										
I	ROMA	8939.000	11	10	1656		12.0	VOLMET	RUS	FA	2K70E	J3E							62	A		RUS
I	ROMA	8939.000	11	10	2055		12.0	ROSTOV VOLMET	RUS	FA	2K70E	J3E							65	A		
I	ROMA	8942.000	08	10	2040		20.0	007 SHANNON CH 3	IRL	MA	3K00E	J2D							312			HFDL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	8942.000	14	11	0805		15.0	007 SHANNON CH 3	IRL	MA	3K00E	J2D							312	C		HFDL
G	BALDOCK	8943.425	05	10	2317	2324		ID7: SHANNON	IRL	FA	2K00E	J7D							277	B		
HNG	TARNOK	8943.440	30	11	0800	1030	39.3	SHANNON	IRL	FA	3K00	G1D										HF ACARS
HNG	TARNOK	8949.440	30	11	0700	0800	28.5	CANARY ISLAND	E	FA	3K00	G1D										HF ACARS
I	ROMA	8951.000	08	10	2051		5.0	TOKYO		FA	2K70E								37	B		AIR TRAFFIC CONTROL
G	BALDOCK	8957.000	05	10	2324	2327		SHANNON VOLMET	IRL	FA	2K80E	J3E							278	B		
I	ROMA	8957.000	08	10	2053		5.0	SHANNON VOLMET	IRL	FA	2K70E	J3E										VOLMET
I	ROMA	8957.000	09	10	1743		23.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							312	A		VOLMET
HNG	TARNOK	8957.000	30	11	1710	1922	18.8	SHANNON VOLMET	IRL	SM	2K80E	J3E										USB
G	BALDOCK	8978.430	05	10	2327	2330		ID3: REYKJAVIK	ISL	FA	2K00E	J1D							328	B		
G	BALDOCK	9000.000	12	10	1840	1845			IRN	FX	2K00E	XXX							101	B		
I	ROMA	9019.000	15	10	2058	2058	32.0	XSS	G	FX	3K00E	J2D							308	A		MIL 188-141 ALE
J	TOKYO	9021.000	29	10	1000			RIS9				A1A							301	D		
J	TOKYO	9021.000	11	11	0600			RIS9				A1A										
J	TOKYO	9021.000	17	12	0745			RIS9				A1A							302	D		
J	TOKYO	9021.000	24	12	0600			RIS9				A1A	123	E	16	41	N	25	299	B		
I	ROMA	9025.000	15	10	2103	2103	19.0	HAW		FX	3K00E	J2D										MIL 188-141 ALE
J	TOKYO	9060.000	10	12	1000														250	D		
G	BALDOCK	9069.900	05	10	2331	2334			RUS	FX	100HE	N0N							64	A	3	
G	BALDOCK	9074.000	05	10	2334	2336			RUS	FX	3K30E	J7D							86	A		
I	ROMA	9074.500	15	10	2050		16.0			FX	3K00E	J2D							59	A		CIS12
I	ROMA	9095.400	03	10	1250		31.0		F	FX	3K00E	G1D							284	A		STANAG 4285
I	ROMA	9095.400	26	11	0810		45.0		F	FX	3K00E	G1D							284	A		STANAG 4285
G	BALDOCK	9096.800	05	10	2336	2338			E	FC	3K00E	G1D							214	A		
HNG	TARNOK	9096.800	02	12	0400	1730	41.4				2K80	G1D										STANAG 4285
J	TOKYO	9099.000	26	11	0135				RUS				139	E	42	49	N	41	359	B		
J	TOKYO	9100.000	09	10	0131				RUS			F1B	134	E	59	49	N	36	346	A		
HNG	TARNOK	9100.300	02	12	0400	2008	32.6				2K81	G1D										STANAG 4285
I	ROMA	9100.400	03	10	1251		16.0		F	FX	3K00E	G1D							282	A		STANAG 4285
G	BALDOCK	9100.400	05	10	2338	2340			F	FX	3K00E	G1D							170	A		
I	ROMA	9100.400	15	10	2050		42.0		F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	9100.400	26	11	0807		39.0		F	FX	3K00E	G1D										STANAG 4285
G	BALDOCK	9110.000	05	10	2340	2343		NMF- BOSTON	USA	FC	1K10E	F1C							288	A		
G	BALDOCK	9119.800	05	10	2244	2346		VOICE OF HOPE	CHN	BC	9K00E	A3E							50	B	3	
J	TOKYO	9119.800	15	10	2346			SOUND OF HOPE		BC		A3E	120	E	54	23	N	13	240	B	11	TAIWAN
J	TOKYO	9119.800	29	10	1002			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9119.800	06	11	0747			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	9119.800	11	11	0603			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9119.830	02	12	2345			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9119.830	10	12	1002			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9119.830	17	12	0749			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9125.180	19	11	0433			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	9136.000	05	10	2346	2348			RUS	FX	290HE	F1B							65	A		
KOR	CRMS	9155.000	04	10	0621	0621	24.3		CHN	BC	14K8	A3E									6	
G	BALDOCK	9155.000	05	10	2348	2351		XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							63	B		
J	TOKYO	9155.000	15	10	2350				CHN	BC		A3E	119	E	25	26	N	06	247	B		
J	TOKYO	9155.000	11	11	0604			CHINA N.R.		BC		A3E							247	D	11	
KOR	CRMS	9155.000	12	11	0650	0650	22.3		CHN	BC	11K8	A3E									11	
KOR	CRMS	9155.000	27	11	0617	0617	26.8		CHN	BC	14K5	A3E									11	
KOR	CRMS	9155.000	04	12	0006	0639	639.0	33.56			14K1	A3E									11	
J	TOKYO	9155.000	10	12	1003			CHINA N.R.		BC		A3E							253	D	11	
J	TOKYO	9155.000	24	12	0604			CHINA N.R.		BC		A3E							248	C	11	
J	TOKYO	9155.080	17	12	0750			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	9155.090	06	11	0750			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9164.550	15	10	2351				KOR				126	E	31	36	N	10	276	B		
J	TOKYO	9164.990	01	10	0418				KOR			F3C	128	E	38	36	N	04	275	A		
J	TOKYO	9165.000	09	10	0135			HLL2				F3C	128	E	10	36	N	11	276	A		
J	TOKYO	9165.000	06	11	0753			HLL2				F3C										
J	TOKYO	9165.000	11	11	0605			HLL2				F3C							278	D		
J	TOKYO	9165.000	26	11	0138			HLL2				F3C	127	E	38	36	N	38	277	B		
J	TOKYO	9165.000	17	12	0751			HLL2				F3C							276	C		
J	TOKYO	9165.000	24	12	0605			HLL2				F3C	127	E	55	36	N	12	277	B		
J	TOKYO	9165.400	19	11	0419			HLL2				F3C	126	E	56	36	N	17	277	B		
J	TOKYO	9165.500	29	10	1004			HLL2				F3C	128	E	04	36	N	15	277	A		
J	TOKYO	9169.000	15	10	2353				RUS			F1B	132	E	04	43	N	26	323	B		
J	TOKYO	9169.030	29	10	1012				RUS			F1B	131	E	52	43	N	02	321	B		
J	TOKYO	9169.100	19	11	0424							F1B										
J	TOKYO	9169.500	26	11	0142				RUS				131	E	58	43	N	28	322	B		
G	BALDOCK	9169.900	05	10	2351	2354			RUS		100HE	N0N							66	A	3	
HNG	TARNOK	9172.100	02	12	0720	0740	27.7				3K00E	G1D										STANAG 4285
J	TOKYO	9179.940	11	11	0614			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9179.940	19	11	0428			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9179.950	15	10	2354			SOUND OF HOPE		BC		A3E	120	E	55	22	N	52	237	B	11	TAIWAN
J	TOKYO	9179.950	29	10	1017			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9179.950	06	11	0755			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	9179.950	26	11	0145			SOUND OF HOPE		BC		A3E	121	E	02	24	N	10	240	B	11	TAIWAN
J	TOKYO	9179.950	10	12	1004			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9179.950	17	12	0753			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9179.960	02	12	2347			SOUND OF HOPE		BC		A3E	120	E	28	23	N	26	241	A	11	TAIWAN
J	TOKYO	9179.960	24	12	0609			SOUND OF HOPE		BC		A3E	120	E	55	23	N	15	277	B	11	TAIWAN
KOR	CRMS	9180.000	06	12	0008	0813	813.0	27.89			14K9	A3E									11	
KOR	CRMS	9180.000	23	12	0000	0012	12.0	10.65			14K9	A3E									11	
G	BALDOCK	9208.000	05	10	2354	2356			RUS	RN	20K0E	P0N							68	A		
J	TOKYO	9215.180	15	10	2357			SOUND OF HOPE		BC		A3E	121	E	10	23	N	44	238	B	11	TAIWAN
J	TOKYO	9215.180	29	10	1018			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9215.180	06	11	0758			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9215.190	02	12	2350			SOUND OF HOPE		BC		A3E	120	E	33	23	N	35	241	A	11	TAIWAN
J	TOKYO	9215.190	10	12	1007			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9218.300	24	12	0610														260	D		
G	BALDOCK	9224.000	05	10	2356	2358			RUS	FC	290HE	F1B							30	B		
I	ROMA	9224.000	15	10	2120		16.0	1EB41EB2952	RUS	FX	270HE	F1B							13	A		T600 50BD
HNG	TARNOK	9224.000	02	12	1400	1600	19.8				600H	F1B										200HZ, 50BD
J	TOKYO	9224.000	10	12	1009							F1B							333	D		
J	TOKYO	9225.000	10	12	1019			CHINA N.R.		BC		A3E							250	D	11	
J	TOKYO	9229.960	15	10	2358			SOUND OF HOPE		BC		A3E	121	E	25	24	N	26	240	B	11	TAIWAN
J	TOKYO	9229.960	11	11	0616			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9229.960	02	12	2352			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9229.970	29	10	1019			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9229.970	06	11	0805			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9229.970	19	11	0435			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	9229.970	26	11	0147			SOUND OF HOPE		BC		A3E	121	E	02	24	N	10	240	B	11	TAIWAN
J	TOKYO	9229.970	10	12	1009			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9229.970	17	12	0803			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	9229.970	24	12	0611			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	9230.000	17	10	0005	0005	-18.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	9230.000	11	11	0033	0033	-9.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	9230.000	02	12	0007	0705	705.0	10.29			14K9	A3E									11	
G	BALDOCK	9255.000	12	10	1835	1838		SOUND OF HOPE	CHN	BC	9K00E	A3E							54	B		
I	ROMA	9255.000	15	10	2120		28.0	SOH XI WANG ZHI SHEN	CHN	BC	9K00E	A3E							60	A		TAIWAN
KOR	CRMS	9255.000	21	10	0055	0055	24.1		CHN	BC	14K8	A3E									11	
KOR	CRMS	9255.000	04	11	0039	0039	32.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	9255.000	14	11	0109	0109	3.6		CHN	BC	14K4	A3E									11	
KOR	CRMS	9255.000	02	12	0007	0705	705.0	11.87			14K9	A3E									11	
J	TOKYO	9255.000	02	12	2354			CHINA N.R.		BC		A3E							253	C	11	
KOR	CRMS	9255.000	05	12	0000	0022	22.0	22.39			14K9	A3E									11	
J	TOKYO	9255.000	17	12	0804			CHINA N.R.		BC		A3E							274	D	11	
HNG	TARNOK	9255.004	02	12	0000	0400	22.5	SOH	CHN	BC	9K88	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9255.160	29	10	1020			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	9255.170	16	10	0002			SOUND OF HOPE		BC		A3E	106	E	54	48	N	04	308	B	11	MNG
HNG	TARNOK	9264.990	02	12	0000	0400	33.9	WINB	USA	BC	9K44	A3E									3	
G	BALDOCK	9265.000	06	10	0000	0002		WINB	USA	BC	9K00E	A3E							288	A		
I	ROMA	9275.000	15	10	2120		32.0	ASSEMBLIES YAHWEH	USA	BC	9K00E	A3E							299	A		
J	TOKYO	9275.000	29	10	1021					BC		A3E							225	D		
ROU	BELCIUGATELE	9275.000	20	11	1320	1351	51.7	FEBC	PHL	BC	10K0	A3E							78	A		Bocau Chinese language
ROU	BELCIUGATELE	9275.000	27	11	1315	1345	55.3	FEBC i-Radio Liangyou	PHL	BC	9K00	A3E							79	A		Chinese language
J	TOKYO	9275.000	10	12	1020					BC		A3E							225	D		
HNG	TARNOK	9275.001	02	12	1230	1600	24.6	FEBC	PHL	BC	9K37	A3E									11	
HNG	TARNOK	9275.002	02	12	0000	0400	55.4	IRB	IRN	BC	9K22	A3E									11	
J	TOKYO	9275.010	03	12	0002					BC		A3E										
KOR	CRMS	9280.000	17	10	0005	0005	-13.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	9280.000	11	11	0033	0033	-6.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	9280.000	28	11	0010	0010	11.4		CHN	BC	14K9	A3E									11	
HNG	TARNOK	9280.000	02	12	0830	0930	21.2				300H	F1B										
KOR	CRMS	9280.000	12	12	0000	0028	28.0	-6.63			14K9	A3E									11	
KOR	CRMS	9280.000	26	12	0000	0021	21.0	9.8000000000000007			14K9	A3E									11	
J	TOKYO	9280.100	06	11	0810			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9280.100	11	11	0619			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9280.110	16	10	0003			SOUND OF HOPE		BC		A3E	120	E	55	22	N	38	238	B	11	TAIWAN
J	TOKYO	9280.110	29	10	1022			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9280.110	19	11	0437			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	9280.110	03	12	0009			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	9280.110	10	12	1021			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9280.110	17	12	0807			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9280.110	24	12	0618			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9299.900	16	10	0004			SOUND OF HOPE		BC		A3E	121	E	44	24	N	38	241	B	11	TAIWAN
J	TOKYO	9299.920	03	12	0010			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9299.920	10	12	1023			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9299.930	29	10	1023			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9299.930	24	12	0618			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9299.940	06	11	0812			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	9299.940	19	11	0441			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9299.940	17	12	0808			SOUND OF HOPE		BC		A3E							244	D	11	
KOR	CRMS	9300.000	07	10	0027	0027	18.3		CHN	BC	15K0	A3E									11	
ROU	BELCIUGATELE	9300.000	15	10	1355	1425	60.9	Soh Zi Wang Zhi Sheng	CHN	BC	9K00	A3E							88	A		Chinese language
KOR	CRMS	9300.000	11	11	0033	0033	-7.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	9300.000	05	12	0000	0022	22.0	23.14			14K9	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9305.800	24	12	0620														24	A		
G	BALDOCK	9310.000	12	10	1833	1835		VOA DEEWA RADIO	THA	BC	9K00E	A3E							69	A		
G	BALDOCK	9330.000	06	10	0002	0004		WBCQ	USA	BC	9K00E	A3E							289	A		
J	TOKYO	9330.000	29	10	1025					BC		A3E										
J	TOKYO	9330.000	11	11	0621					BC		A3E							41	D		
G	BALDOCK	9346.000	12	10	1830	1833			RUS	FC	290HE	F1B							30	A		
J	TOKYO	9346.000	17	12	0811							F1B							154	D		
G	BALDOCK	9350.000	06	10	0004	0006		WWCR	USA	BC	9K00E	A3E							287	B		
G	BALDOCK	9365.000	06	10	0006	0008			UKR	FC	290HE	F1B							94	A		
I	ROMA	9365.000	15	10	2120		23.0	1EB41EB2952	RUS	FX	250HE	F1B							70	A		50BD T600
G	BALDOCK	9370.000	12	10	1826	1830		RADIO FARDA	KWT	BC	9K00E	A3E							105	A		
ROU	BELCIUGATELE	9370.000	12	12	1310	1351	66.3	Voa Deewa Radio	THA	BC	9K00	A3E							91	A		Pashto language
I	ROMA	9378.000	15	10	2120		32.0	OTH RADAR	RUS	FX	15K0E	P0N							48	A		
J	TOKYO	9379.990	06	11	0821							F1B							168	D		
J	TOKYO	9380.000	10	12	1025				USA			F1B	144	E	59	13	N	02	169	A		GUM
J	TOKYO	9380.000	17	12	0812							F1B							171	D		
J	TOKYO	9380.010	03	12	0018							F1B							169	D		
G	BALDOCK	9395.000	06	10	0009	0011		WRMI	USA	BC	9K00E	A3E							280	B		
J	TOKYO	9395.000	11	11	0626					BC		A3E										
J	TOKYO	9399.970	10	12	1031					BC		A3E							226	D		
HNG	TARNOK	9399.973	04	12	1100	1400	23.9	FEBC	PHL	BC	9K91	A3E									3	
F	RAMBOUILLET	9400.000	30	12	0700	1800	42.0	TAIWAN RADIO			10K0	A3EG								A		
KOR	CRMS	9405.000	21	11	0020	0020	17.8		PHL	BC	14K8	A3E									6	
HNG	TARNOK	9405.000	04	12	1600	1700	39.5	RADIO TAIWAN INT.	CHN	BC	9K69	A3E										
KOR	CRMS	9405.000	05	12	0000	0023	23.0	29.65			15K0	A3E									6	
HNG	TARNOK	9409.854	04	12	1900	2100	46.9	ERU	EGY	BC	6K80E	A3E									3	
HNG	TARNOK	9410.000	04	12	1300	1400	23.9				9K94	A3E										
HNG	TARNOK	9410.000	04	12	1700	1757	60.5	CRI	CHN	BC	8K97	A3E										
HNG	TARNOK	9410.000	04	12	2200	2257	42.2	CRI	CHN	BC	8K94	A3E										
KOR	CRMS	9410.000	17	12	0007	0742	742.0	-9.66			14K9	A3E									6	
HNG	TARNOK	9410.002	04	12	1900	2000	46.1	ERU	EGY	BC	10K0E	A3E										
HNG	TARNOK	9410.003	04	12	0500	0700	38.4	BBC	G	BC	8K43	A3E										
HNG	TARNOK	9410.022	04	12	1357	1456	49.5	TRT	TUR	BC	8K42	A3E										
F	RAMBOUILLET	9415.000	30	12	0700	1800	40.0	CRI			10K0	A3EG								A		
J	TOKYO	9417.000	01	10	0425							F1B							325	D		
J	TOKYO	9417.000	03	12	0021							F1B							324	D		
J	TOKYO	9417.000	24	12	0627							F1B							323	C		
ROU	BELCIUGATELE	9420.000	25	11	1435	1505	70.6	CNR 13	CHN	BC	9K00	A3E							66	A		Uyghur language

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	9420.000	04	12	1100	1500	28.9	CNR	CHN	BC	9K58	A3E										
HNG	TARNOK	9420.001	04	12	1600	1804	42.0	CNR 13	CHN	BC	9K95	A3E										
HNG	TARNOK	9425.000	04	12	1500	2050	41.5	VOK	KRE	BC	9K95	A3E										
HNG	TARNOK	9427.600	04	12	0858	0912	18.7				3K00E	J3E									11	VOICE SCRAMBLER
HNG	TARNOK	9435.004	04	12	1300	1749	23.2	VOK	KRE	BC	9K93	A3E										
HNG	TARNOK	9439.853	04	12	1459	1600	68.3				5K00E	A3E									3	DISTORTED
HNG	TARNOK	9439.854	04	12	2116	2245	49.1	ERU	EGY	BC	9K11	A3E									3	DISTORTED
J	TOKYO	9440.000	31	10	0900			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	9440.000	04	12	1100	1357	19.7	CRI	CHN	BC	9K98	A3E										
F	RAMBOUILLET	9440.000	30	12	0700	1800	39.0	CRI			10K0	A3EG -								A		
HNG	TARNOK	9440.002	04	12	0629	0700	33.3	BBC	G	BC	9K28	A3E										
HNG	TARNOK	9440.004	04	12	1958	2100	49.7	CRI	CHN	BC	9K86	A3E										
KOR	CRMS	9445.000	10	12	0005	0536	536.0	51.46			13K8	A3E									3	
HNG	TARNOK	9447.800	04	12	0759	1020	21.5				1K00E	F1B									11	700HZ,180BD BAUDOT
G	BALDOCK	9448.000	27	10	0421	0422				FX	300HE	F1B							66	A		
HNG	TARNOK	9450.000	04	12	1300	1357	33.3	CRI	CHN	BC	9K98	A3E										
G	BALDOCK	9455.000	13	10	0505	0516		WMI	USA	BC	9K00E	A3E							282	C		
I	ROMA	9460.000	01	10	1905		45.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
I	ROMA	9460.000	03	10	1905		43.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
I	ROMA	9460.000	14	10	1643		62.0	VOICE OF TURKEY	TUR	BC	10K0E	A3E							91	A		
F	RAMBOUILLET	9460.000	31	12	0700	1800	39.0	CRI			10K0	A3EG -								A		
I	ROMA	9470.000	01	10	1905		31.0	VOICE OF AMERICA		BC	9K00E	A3E										
I	ROMA	9470.000	03	10	1920		35.0	VOICE OF AMERICA		BC	9K00E	A3E										
G	BALDOCK	9470.000	13	10	0518	0519		PBS XINJING	CHN	BC	9K00E	A3E							63	C		
F	RAMBOUILLET	9470.000	31	12	0700	1800	22.0	ETWN			10K0	A3EG -								A	3	
I	ROMA	9480.000	01	10	1905		36.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9480.000	03	10	1905		38.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
G	BALDOCK	9480.000	13	10	0515	0520		RADIO AZADI	D	BC	9K00E	A3E							95			
I	ROMA	9490.000	01	10	1905		30.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
I	ROMA	9490.000	03	10	1905		44.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
F	RAMBOUILLET	9490.000	31	12	1100	1800	34.0	CRI			10K0	A3EG -								A		
KOR	CRMS	9500.000	02	10	0637	0637	39.7		CHN	BC	14K9	A3E									11	
I	ROMA	9500.000	14	10	1645		52.0	TRANS WORLD RADIO	SWZ	BC	10K0E	A3E							164	A		
F	RAMBOUILLET	9500.000	31	12	0700	1800	34.0	CNR			10K0	A3EG -								A		
HNG	TARNOK	9500.004	06	12	0000	0300	20.3	CNR1	CHN	BC	9K83	A3E										
G	BALDOCK	9510.000	27	10	0432	0433			ROU	BC	9K00E	A3E							96	A		
HNG	TARNOK	9510.001	06	12	0000	0257	13.7	RRO	ROU	BC	9K95	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	9510.003	06	12	0400	0457	29.3	RRO	ROU	BC	9K67	A3E										
HNG	TARNOK	9510.004	06	12	0500	0550	24.1	PBS	CHN	BC	9K76	A3E										
HNG	TARNOK	9510.005	06	12	0330	0400	29.0	VOA	CVA	BC	9K32	A3E										
HNG	TARNOK	9514.997	06	12	1500	1700	38.7	KBS	KOR	BC	8K87	A3E										
I	ROMA	9515.000	01	10	1905		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9515.000	03	10	1905		39.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	9520.000	21	11	1429	1500	74.7	China Radio International	CHN	BC	10K0	A3E							70	A		Urumqi Hutubi Chinese language
ROU	BELCIUGATELE	9520.000	25	11	1430	1500	81.2	PBS NET MENGGU(CNR 1)	CHN	BC	9K00	A3E							70	A		Chinese language
HNG	TARNOK	9520.000	06	12	1600	1700	26.9			BC	10K0E	A3E										
ROU	BELCIUGATELE	9520.000	12	12	0000	2400	72.4	China Radio International	CHN	BC	9K00	A3E							71	A		Chinese language
HNG	TARNOK	9520.001	06	12	1158	1500	44.6	CRI	CHN	BC	9K88	A3E										
I	ROMA	9525.000	01	10	1905		39.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9525.000	03	10	1905		43.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	9525.000	21	11	1458	1532	77.2	China Radio International	CHN	BC	9K00	A3E							82	A		Kashi-saibagh English language
HNG	TARNOK	9525.001	06	12	1600	1900	33.6	BBC	OMA	BC	9K90	A3E										
HNG	TARNOK	9530.003	06	12	0200	0500	17.2	CNR11	CHN	BC	9K38	A3E										
HNG	TARNOK	9530.009	06	12	0000	0400	28.8	CNR11	CHN	BC	9K95	A3E										
I	ROMA	9535.000	01	10	1905		16.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9535.000	03	10	1905		22.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	9535.000	21	11	1514	1549	73.6	China Radio International	CHN	BC	9K00	A3E							72	A		Xianyang Nepali language
HNG	TARNOK	9535.000	06	12	1810	1844	50.6				2K00E	F0N									13	OTHR
HNG	TARNOK	9535.001	06	12	1900	1957	35.9	CRI	CHN	BC	8K75	A3E										
HNG	TARNOK	9535.002	06	12	0600	0700	55.1			BC	9K11	A3E										
KOR	CRMS	9540.000	20	11	0616	0616	-0.5		CHN	BC	15K0	A3E									6	
HNG	TARNOK	9540.000	06	12	1100	1357	26.5	CRI	CHN	BC	9K81	A3E										
HNG	TARNOK	9540.000	06	12	2100	2200	12.5			BC	10K0E	A3E										
ROU	BELCIUGATELE	9540.000	16	12	0000	2400	58.2	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							64	A		Chinese language
HNG	TARNOK	9540.109	06	12	1614	1700	49.1	IBRA	UAE	BC	8K87	A3E									3	
HNG	TARNOK	9545.001	06	12	1930	2030	49.9	BBC	G	BC	9K43	A3E										
HNG	TARNOK	9545.002	06	12	0300	0357	30.0	RRO	ROU	BC	9K26	A3E										
HNG	TARNOK	9549.999	06	12	1300	1457	32.0	CRI	CHN	BC	9K88	A3E										
HNG	TARNOK	9550.003	06	12	0000	0157	26.5	CRI	CHN	BC	9K80	A3E										
HNG	TARNOK	9550.003	06	12	1500	1800	29.0	MWV	USA	BC	9K42	A3E										
J	TOKYO	9555.000	12	12	2300			CHINA R.I.	CHN	BC		A3E										
I	ROMA	9560.000	01	10	1905		33.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9560.000	03	10	1905		37.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9575.000	01	10	1905		38.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9575.000	03	10	1905		46.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
J	TOKYO	9580.000	24	10	1400			KNLS I.	USA	BC		A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	9590.000	25	11	1420	1450	81.2	China Radio International	CHN	BC	9K00	A3E							82	A		Chinese language
HNG	TARNOK	9600.000	08	12	1500	1527	47.2	CRI	CHN	BC	8K72	A3E										
HNG	TARNOK	9600.001	08	12	1957	2157	65.3	CRI	CHN	BC	9K04	A3E										
HNG	TARNOK	9600.002	08	12	1300	1400	31.6	CRI	CHN	BC	9K52	A3E										
I	ROMA	9605.000	14	10	1656		44.0	R CHINA INTERNATIONAL	CHN	BC	10K0E	A3E							50	A		
HNG	TARNOK	9609.998	08	12	1200	1300	29.2	KSDA	USA	BC	9K33	A3E										
HNG	TARNOK	9610.001	08	12	1400	1557	27.3	CRI	CHN	BC	9K80	A3E										
HNG	TARNOK	9610.008	08	12	2130	2257	32.3			BC	8K97	A3E										
HNG	TARNOK	9615.004	08	12	1800	1957	62.0	CRI	CHN	BC	9K53	A3E										
I	ROMA	9620.000	01	10	1905		36.0	ALL INDIA RADIO	IND	BC	9K00E	A3E										
I	ROMA	9620.000	03	10	1905		39.0	ALL INDIA RADIO	IND	BC	9K00E	A3E										
HNG	TARNOK	9620.001	08	12	2300	2357	34.4	RRO	ROU	BC	9K25	A3E										
HNG	TARNOK	9620.004	08	12	1554	2028	59.0	AIR	IND	BC	9K34	A3E										
HNG	TARNOK	9630.001	08	12	1200	1804	32.6	CNR	CHN	BC	9K88	A3E										
HNG	TARNOK	9640.001	08	12	2057	2300	69.7	CRI	CHN	BC	9K16	A3E										
I	ROMA	9645.000	01	10	1905		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9645.000	03	10	1905		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	9649.995	08	12	1300	1400	26.5			BC	9K97	A3E										
J	TOKYO	9650.000	24	10	2100			V.O. KOREA	KRE	BC		A3E										
G	BALDOCK	9650.000	27	10	0437	0438				BC	9K00E	A3E							105	A		
ROU	BELCIUGATELE	9650.000	21	11	0745	0848	86.7	Jamming Radio	TUR	BC	10K0	A3E							134	A	3	Jamming Radio
HNG	TARNOK	9650.000	08	12	0455	0710	76.6	TRT	TUR	BC	8K35	A3E										
J	TOKYO	9650.000	12	12	0700			V.O.KOREA	KRE	BC		A3E										
HNG	TARNOK	9650.009	08	12	1652	1818	57.2	IRB	IRN	BC	10K0E	A3E										
I	ROMA	9655.000	01	10	1905		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9655.000	03	10	1905		38.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
J	TOKYO	9655.000	16	10	0010			CHINA N.R.		BC		D7W	087	E	23	43	N	16	297	B		
ROU	BELCIUGATELE	9660.000	07	10	1336	1400	58.7	Radio Taiwan International	CHN	BC	10K0	A3E							75	A		Kouhu Chinese Language
ROU	BELCIUGATELE	9660.000	20	11	1239	1310	56.2	Radio Taiwan International	CHN	BC	12K0	A3E							75	A		Kouhu Chinese language
ROU	BELCIUGATELE	9660.000	25	11	1400	1430	61.3	CNR 1 Jamming	CHN	BC	9K00	A3E							79	A		Chinese language
I	ROMA	9670.000	01	10	1905		33.0			BC	9K00E	A3E										
I	ROMA	9670.000	03	10	1905		28.0			BC	9K00E	A3E										
ROU	BELCIUGATELE	9670.000	07	10	1318	1347	68.2	Channel 292	D	BC	5K90	A3E							299	A		Rohrbach Waal German language
ROU	BELCIUGATELE	9670.000	17	10	0900	0925	38.5	Channel 292	D	BC	9K00	A3E							297	A		Rohrbach Wall German language
ROU	BELCIUGATELE	9670.000	18	10	0705	0735	48.7	Channel 292	D	BC	9K00	A3E							298	A		German language
ROU	BELCIUGATELE	9670.000	20	11	0928	1000	39.6	Channel 292	D	BC	9K00	A3E							299	A		Rohrbach Wall German language
ROU	BELCIUGATELE	9670.000	21	11	0937	1011	49.0	Channel 292	D	BC	9K00	A3E							298	A		Rohrbach Wall German language
ROU	BELCIUGATELE	9670.000	04	12	0000	2400	55.1	Channel 292	D	BC	9K00	A3E							300	A		German language
ROU	BELCIUGATELE	9680.000	07	10	1302	1334	70.9	China National Radio	CHN	BC	10K0	A3E							71	A	3	Jamming

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	9680.000	22	10	1300	1330	65.3	R. Taiwan Int.	CHN	BC	9K00	A3E							69	A		Chinese language
ROU	BELCIUGATELE	9680.000	28	11	1240	1310	67.9	R. Taiwan Int	CHN	BC	9K00	A3E							70	A		Chinese language
J	TOKYO	9680.000	12	12	1000			KNLS I.	CHN	BC		A3E										
ROU	BELCIUGATELE	9680.000	19	12	0000	2400	77.9	CNR 1	CHN	BC	9K00	A3E							70	A		Chinese language
J	TOKYO	9695.000	24	10	0800			KNLS I.	USA	BC		A3E										
J	TOKYO	9696.000	03	12	0025							F1B							325	D		
HNG	TARNOK	9700.002	10	12	0100	0257	34.4	RRO	ROU	BC	9K95	A3E										
HNG	TARNOK	9704.983	10	12	1330	1400	36.8	FURUSATO NO KAZE	CHN	BC	9K74	A3E									3	
HNG	TARNOK	9705.002	10	12	0310	0530	35.7	PBS	CHN	BC	9K94	A3E										
HNG	TARNOK	9705.002	10	12	1500	1557	35.2	CRI	CHN	BC	9K57	A3E										
HNG	TARNOK	9705.004	10	12	2030	2100	25.6	VAT	CVA	BC	9K15	A3E										
HNG	TARNOK	9710.002	10	12	0000	0057	47.2	CRI	CHN	BC	9K13	A3E										
HNG	TARNOK	9710.002	10	12	0057	0400	62.1	RHC	CUB	BC	9K28	A3E										
HNG	TARNOK	9710.003	10	12	1600	1800	37.3	VAT	CVA	BC	9K12	A3E										
HNG	TARNOK	9715.000	10	12	0300	0542	38.1				20K0E	F0N									13	OTHR
HNG	TARNOK	9720.001	10	12	1600	1700	54.5	VOA	THA	BC	10K3	A3E										
HNG	TARNOK	9720.003	10	12	2027	2100	36.5	CRI	CHN	BC	10K6	A3E										
HNG	TARNOK	9720.004	10	12	0000	0300	27.1	CNR2	CHN	BC	9K50	A3E										
J	TOKYO	9720.010	12	12	2300			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	9729.946	10	12	1600	1957	51.7	VOT	VTN	BC	9K24	A3E									3	
I	ROMA	9730.000	01	10	1905		48.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
KOR	CRMS	9730.000	02	10	0638	0638	49.8		KRE	BC	13K5	A3E									11	
I	ROMA	9730.000	03	10	1905		43.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
KOR	CRMS	9730.000	08	10	0409	0409	48.5	CNR	CHN	BC	14K3	A3E									11	
KOR	CRMS	9730.000	12	11	0652	0652	12.6	CNR	CHN	BC	14K4	A3E									3	
KOR	CRMS	9730.000	22	11	0425	0425	43.3		KRE	BC	14K5	A3E									6	
KOR	CRMS	9730.000	04	12	0006	0642	642.0	45.29	E		14K9	A3E									3	
KOR	CRMS	9730.000	27	12	0004	0413	413.0	45.88			14K9	A3E									6	
HNG	TARNOK	9730.002	10	12	0000	0100	19.9	CNR6	CHN	BC	9K87	A3E										
HNG	TARNOK	9730.003	10	12	0030	0300	21.5	VOM	BRM	BC	9K88	A3E										
HNG	TARNOK	9730.004	10	12	1400	1457	26.6	CRI	CHN	BC	9K93	A3E										
I	ROMA	9740.000	11	10	1450		31.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							57	A		
HNG	TARNOK	9740.002	10	12	0300	0357	32.4	RRO	ROU	BC	9K21	A3E										
HNG	TARNOK	9740.004	10	12	1251	1400	46.6	BBC	UZB	BC	12K4	A3E										
I	ROMA	9745.000	01	10	1905		38.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9745.000	03	10	1920		54.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	9745.002	10	12	0000	0100	33.4	CNR7	CHN	BC	9K81	A3E										
HNG	TARNOK	9745.002	10	12	1930	2029	69.0	CRI	CHN	BC	10K5	A3E										
HNG	TARNOK	9745.003	10	12	2048	2400	28.6	CNR 7	CHN	BC	10K5	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	9750.000	01	10	1905		35.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
I	ROMA	9750.000	03	10	1905		44.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
ROU	BELCIUGATELE	9750.000	22	10	1250	1320	50.5	NHK World Radio Japan	J	BC	9K00	A3E							51	A		Japanese language
KOR	CRMS	9750.000	03	12	0005	0503	503.0	36.770000000000003	E		14K8	A3E									3	
HNG	TARNOK	9750.002	10	12	1430	1500	36.3	NHK	J	BC	9K60	A3E										
HNG	TARNOK	9750.007	10	12	1800	1830	40.6	BBC	I	BC	9K70	A3E										
HNG	TARNOK	9750.008	10	12	0400	0600	16.7	PBS	CHN	BC	9K97	A3E										
J	TOKYO	9760.000	11	11	0628														295	D		
J	TOKYO	9760.000	24	12	0631				KRE				125	E	06	40	N	00	295	A		
I	ROMA	9765.000	01	10	1905		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9765.000	03	10	1905		32.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	9765.000	11	10	1448		35.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							61	A		
J	TOKYO	9770.000	11	11	0629														296	D		
J	TOKYO	9770.000	24	12	0631				KRE				125	E	05	39	N	57	295	A		
I	ROMA	9780.000	01	10	1905		35.0	BBC	OMA	BC	9K00E	A3E										
I	ROMA	9780.000	03	10	1905		36.0	BBC	OMA	BC	9K00E	A3E										
KOR	CRMS	9780.000	10	12	0005	0538	538.0	31.4	E		14K8	A3E									3	
G	BALDOCK	9790.000	27	10	0441	0442		R. FRANCE INT	F	BC	9K00E	A3E							143	A		
KOR	CRMS	9790.000	19	12	0001	0152	152.0	4.6900000000000004			14K4	A3E									6	
KOR	CRMS	9800.000	10	10	0120	0120	38.6		CHN	BC	14K9	A3E									11	
ROU	BELCIUGATELE	9800.000	22	11	0157	0257	68.6	China Radio International	CHN	BC	9K00	A3E							83	A		Kashi-saibagh Tamil language
HNG	TARNOK	9800.001	12	12	2258	2400	48.6	CRI	CHN	BC	9K47	A3E										
HNG	TARNOK	9800.002	12	12	1300	1500	21.2	VOA	PHL	BC	9K75	A3E										
HNG	TARNOK	9805.002	12	12	0600	0630	53.1	RFI	F	BC	8K09	A3E										
KOR	CRMS	9810.000	29	10	0407	0407	9.2		CHN	BC	14K8	A3E									11	
HNG	TARNOK	9810.002	12	12	1230	1250	32.4	VAT	PHL	BC	9K51	A3E										
G	BALDOCK	9818.000	27	10	0444	0445				BC	9K00E	A3E							216	A		
I	ROMA	9820.000	11	10	1452		33.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							60	A		
ROU	BELCIUGATELE	9820.000	22	10	1240	1310	54.4	CNR 2- China Business Radio	CHN	BC	9K00	A3E							71	A		Chinese language
ROU	BELCIUGATELE	9820.000	21	11	0942	1024	42.7	CNR 2 China Business Radio	CHN	BC	3K00	A3E							75	A		Xianyang Chinese language
HNG	TARNOK	9820.000	12	12	0900	1604	21.5	CNR 2	CHN	BC	9K81	A3E										
HNG	TARNOK	9820.002	12	12	2055	2400	33.9	CNR 2	CHN	BC	9K81	A3E										
KOR	CRMS	9830.000	11	11	0038	0038	5.9		CHN	BC	13K9	A3E									6	
HNG	TARNOK	9830.002	12	12	1400	1500	26.1	CNR1	CHN	BC	9K88	A3E										
HNG	TARNOK	9830.002	12	12	2055	2400	28.3	CNR1	CHN	BC	9K90	A3E										
G	BALDOCK	9835.000	27	10	0447	0448		PBS XINJIANG	CHN	BC	9K00E	A3E							65	A		
HNG	TARNOK	9835.002	12	12	1500	1630	46.2	VOA	G	BC	9K93	A3E										
HNG	TARNOK	9836.000	12	12	0849	0855	27.4				250H	F1B									13	190HZ, 50BD
J	TOKYO	9839.930	12	12	1100			V.O.VIETNAM	VTN	BC		A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9839.950	24	10	1100			V.O.VIETNAM	VTN	BC		A3E										
HNG	TARNOK	9840.020	12	12	0856	0930	40.9	TRT	TUR	BC	8K49	A3E									3	
HNG	TARNOK	9844.956	12	12	1900	2000	49.6	MWV	MDG	BC	9K95	A3E									3	
I	ROMA	9845.000	01	10	1905		34.0	WORLD CHRISTIAN BROA	MDG	BC	9K00E	A3E										
I	ROMA	9845.000	03	10	1905		41.0	WORLD CHRISTIAN BROA	MDG	BC	9K00E	A3E										
HNG	TARNOK	9845.002	12	12	2025	2400	30.3	CNR1	CHN	BC	9K58	A3E										
KOR	CRMS	9850.000	11	10	0425	0425	-14.7	CNR	CHN	BC	14K9	A3E									11	
KOR	CRMS	9850.000	08	11	0426	0426	25.8		CHN	BC	14K8	A3E									6	
KOR	CRMS	9850.000	15	11	0442	0442	2.8	CNR	CHN	BC	14K2	A3E									3	
KOR	CRMS	9850.000	10	12	0005	0538	538.0	28.11	E		14K7	A3E									3	
ROU	BELCIUGATELE	9860.000	22	10	1230	1300	53.6	CNR 1 Voice of China	CHN	BC	9K00	A3E							63	A		Chinese language
ROU	BELCIUGATELE	9870.000	22	11	0720	0800	76.9	KBS World Radio	G	BC	9K00	A3E							303	A		Wooferton Korean language
I	ROMA	9875.000	01	10	1920		27.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
I	ROMA	9875.000	03	10	1905		20.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
I	ROMA	9875.000	28	10	1551	1700	47.0	R CHINA	CHN	BC	10K0E	A3E							69	A		ENG
I	ROMA	9880.000	01	10	1905		36.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
I	ROMA	9880.000	03	10	1930		53.0	VOICE OF TURKEI	TUR	BC	9K00E	A3E										
J	TOKYO	9880.000	24	10	0800			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	9880.000	31	10	0800			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	9885.000	22	10	1220	1250	52.8	CNR 1 Jamming	CHN	BC	9K00	A3E							72	A		Chinese language
ROU	BELCIUGATELE	9885.000	21	11	1106	1141	38.7	CNR	CHN	BC	3K00	A3E							84	A		Dogfang Hainan Chinese language
ROU	BELCIUGATELE	9890.000	21	11	1110	1141	48.4	CNR 13	CHN	BC	3K00	A3E							63	A		Linghshi Uyghur language
ROU	BELCIUGATELE	9900.000	18	11	1500	1529	64.9	Living Water Ministry	USA	BC	9K00	A3E							62	A		Merizo Korean language
HNG	TARNOK	9900.001	14	12	1500	1600	36.0	TWR	USA	BC	9K20	A3E										
I	ROMA	9905.000	21	11	1628	1628	34.0	XSS	G	FX	3K00E	J2D							323	A		MIL STD 188-141 ALE
J	TOKYO	9912.300	06	11	0829							J2D							153	D		
J	TOKYO	9912.370	17	12	0822														156	A		
J	TOKYO	9912.400	29	10	1040				KRE				126	E	08	39	N	14	292	A		
J	TOKYO	9912.400	10	12	1034														153	D		
J	TOKYO	9912.400	24	12	0639				KRE				125	E	44	39	N	09	292	A		
J	TOKYO	9915.000	03	12	0029					BC		A3E							227	D		
J	TOKYO	9919.920	16	10	0013			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9919.920	29	10	1041			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9919.920	06	11	0837			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	9919.920	03	12	0035			SOUND OF HOPE		BC		A3E	120	E	46	24	N	04	242	A	11	
J	TOKYO	9919.920	10	12	1035			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9919.920	17	12	0823			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	9919.930	24	12	0640			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	9920.000	04	10	0633	0633	20.2		CHN	BC	14K9	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9920.000	13	11	0624	0624	0.2		CHN	BC	14K9	A3E									11	
ROU	BELCIUGATELE	9920.000	28	11	1200	1230	46.3	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							62	A		Chinese language
KOR	CRMS	9920.000	02	12	0007	0709	709.0	13.57			15K0	A3E									11	
I	ROMA	9922.500	26	11	0804		39.0			FX	3K00E	G1D							23	A		STANAG 4285
HNG	TARNOK	9922.600	14	12	0658	1510	40.8				3K00E	G1D										STANAG 4285
HNG	TARNOK	9925.003	14	12	1900	1930	35.9	RADIO PILIPINAS	PHL	BC	9K49	A3E										
HNG	TARNOK	9939.939	14	12	1430	1500	33.1	FEBC	PHL	BC	9K10	A3E										
I	ROMA	9940.000	01	10	1905		45.0	TWR AFRICA	SWZ	BC	9K00E	A3E										
I	ROMA	9940.000	03	10	1905		47.0	TWR AFRICA	SWZ	BC	9K00E	A3E										
ROU	BELCIUGATELE	9940.000	21	11	1433	1500	54.7	FEBC Jamming	PHL	BC	9K00	A3E							80	A	3	Bocauue Uighur language
HNG	TARNOK	9945.000	14	12	2145	2400	46.3				20K0E	F0N										
G	BALDOCK	9955.000	27	10	0449	0450		WRMI	USA	BC	9K00E	A3E							282	A		
J	TOKYO	9960.000	11	11	0631					BC		A3E							153	D		
J	TOKYO	9960.000	10	12	1036			R.VANUATU		BC		A3E							149	D	11	
HNG	TARNOK	9960.003	14	12	1400	1630	30.9			BC	9K60	A3E										
J	TOKYO	9965.000	06	11	0840			HOPE R.		BC		A3E							194	D	11	
J	TOKYO	9965.000	17	12	0825			HOPE R.		BC		A3E							192	D	11	
J	TOKYO	9965.900	11	11	0638														26	D		
J	TOKYO	9969.970	16	10	0014			SOUND OF HOPE		BC		A3E	120	E	59	24	N	10	241	B	11	TAIWAN
J	TOKYO	9969.970	29	10	1042			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9969.970	11	11	0643			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9969.970	19	11	0450			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9969.970	10	12	1037			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9969.980	26	11	0155			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9969.980	03	12	0038			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	9969.980	24	12	0641			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	9970.000	04	10	0634	0634	19.2		CHN	BC	15K0	A3E									6	
KOR	CRMS	9970.000	12	11	0654	0654	-4.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	9970.000	02	12	0007	0709	709.0	13.53			14K9	A3E									11	
KOR	CRMS	9985.000	02	10	0640	0640	37.6		CHN	BC	14K8	A3E									6	
KOR	CRMS	9985.000	04	10	0634	0634	38.1		CHN	BC	14K7	A3E									6	
J	TOKYO	9985.000	11	11	0648			CHINA N.R.		BC		A3E									11	
KOR	CRMS	9985.000	12	11	0654	0654	7.3		CHN	BC	10K9	A3E									11	
KOR	CRMS	9985.000	15	11	0443	0443	17.1		CHN	BC	11K3	A3E									11	
J	TOKYO	9985.000	19	11	0453			CHINA N.R.		BC		A3E							253	D	11	
J	TOKYO	9985.000	26	11	0156			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9985.000	03	12	0040			CHINA N.R.		BC		A3E							248	D	11	
KOR	CRMS	9985.000	09	12	0000	0040	40.0	52.67			14K3	A3E									11	
J	TOKYO	9985.000	10	12	1038			CHINA N.R.		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9985.000	16	12	0000	0036	36.0	-7.67			14K8	A3E									11	
J	TOKYO	9985.000	17	12	0839			CHINA N.R.		BC		A3E							285	D	11	
J	TOKYO	9985.030	29	10	1042			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	9985.060	16	10	0015			SOUND OF HOPE		BC		A3E	107	E	04	47	N	58	307	B	11	MNG
J	TOKYO	9985.070	24	12	0642			SOUND OF HOPE		BC		A3E							306	D	11	
J	TOKYO	9985.080	06	11	0847					BC		A3E										
HNG	TARNOK	9989.977	14	12	1500	1900	35.3	AGM	TJK	BC	9K95	A3E									3	
I	ROMA	9990.000	14	11	1710		28.0	R.FREE ASIA	TJK	FX	9K00E	A3E							74	A		
HNG	TARNOK	9992.500	14	12	0509	0525	27.0				20K0E	F0N										OTHR
I	ROMA	9996.000	11	10	1141		1.0	RWM	RUS	SS	100HE	A1A							39	A		
I	ROMA	9996.000	14	11	1610		32.0	RWM	RUS	SS	100HE	A1A							37	A		
J	TOKYO	10000.000	01	10	0444			WWVH		SS		AXW										
J	TOKYO	10000.000	01	10	0444			BPM		SS		AXW							277	D		
J	TOKYO	10000.000	16	10	0017			BPM		SS		AXW	108	E	49	34	N	04	276	B		
J	TOKYO	10000.000	29	10	1043			WWV		SS		AXW										
J	TOKYO	10000.000	29	10	1043			BPM		SS		AXW										
J	TOKYO	10000.000	29	10	1043			WWVH		SS		AXW										
J	TOKYO	10000.000	06	11	0851			WWVH		SS		AXW										
J	TOKYO	10000.000	06	11	0851			BPM		SS		AXW										
J	TOKYO	10000.000	11	11	0648			BPM		SS		AXW										
J	TOKYO	10000.000	11	11	0648			WWVH		SS		AXW										
I	ROMA	10000.000	14	11	1610		28.0	BPM	CHN	SS	2K70E	A3E							59	A		
J	TOKYO	10000.000	19	11	0456			WWVH		SS		AXW										
J	TOKYO	10000.000	19	11	0456			BPM		SS		AXW										
J	TOKYO	10000.000	26	11	0156			BPM		SS		AXW							276	B		
J	TOKYO	10000.000	03	12	0044			BPM		SS		AXW										
J	TOKYO	10000.000	10	12	1049			WWVH		SS		AXW								D		
J	TOKYO	10000.000	10	12	1049			WWV		SS		AXW										
J	TOKYO	10000.000	10	12	1049			BPM		SS		AXW								D		
J	TOKYO	10000.000	17	12	0840			BPM		SS		AXW										
J	TOKYO	10000.000	17	12	0840			WWVH		SS		AXW										
J	TOKYO	10000.000	24	12	0643			BPM		SS		AXW										
J	TOKYO	10000.000	24	12	0643			WWVH		SS		AXW										
J	TOKYO	10027.000	29	10	1043			MOLOKAI		FA		J2D										
J	TOKYO	10027.000	24	12	0648							J2D										
HNG	TARNOK	10028.440	16	12	1710	1715	17.7	MOLOKAI	USA	FA	3K00E	G1D										HF ACARS
I	ROMA	10038.000	14	11	1206	1720	48.0	RADAR OTH	RUS	FX	20K0E	P0N							48	A	3	
I	ROMA	10050.000	14	11	1624		8.0			FX	2K70E	J3E							252	A		
G	BALDOCK	10051.000	27	10	0454	0455		GANDER RADIO	CAN	LR	3K00E	J3E							284	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	10051.000	14	11	1620		6.0	GANDER	CAN	FA	2K70E	J3E										VOLMET
I	ROMA	10051.000	26	11	0756		11.0	GANDER	CAN	FA	2K70E	J3E										VOLMET
HNG	TARNOK	10051.000	16	12	0600	0650	18.7	GANDER	CAN	SM	2K80E	J3E										USB
HNG	TARNOK	10064.000	16	12	1552	1643	54.6				20K0E	F0N									13	OTHR
HNG	TARNOK	10066.000	16	12	1548	1552	18.8				2K80E	J3E										USB
F	RAMBOUILLET	10083.700	09	10	1000	1800	22.0				2K40E	J7B								A	9	
I	ROMA	10084.000	14	11	1039		12.0	005 AUCKLAND CH05	NZL	MA	3K00E	J2D										HFDL
F	RAMBOUILLET	10086.550	09	10	1000	1800	19.0				2K40E	J7B								A	9	
HNG	TARNOK	10094.440	16	12	0600	0650	25.0	BARROW GS-9	USA	FA	3K00E	G1D										HF ACARS
F	RAMBOUILLET	10096.450	09	10	1000	1800	22.0				2K40E	J7B								A	9	
G	BALDOCK	10100.000	27	10	0457	0458				FX	300HE	F1B							86	A		
I	ROMA	10100.800	10	10	0938		39.0	DDK9	D	FX	530HE	F1B							351	A		50BD SYNOP
I	ROMA	10100.800	14	11	1720		48.0	DDK9	D	FX	530HE	F1B							351	A		50BD SYNOP
I	ROMA	10100.800	27	11	1325		41.0	DDK9	D	FX	530HE	F1B							351	A		50BD SYNOP
J	TOKYO	10123.800	24	12	0650				RUS				131	E	52	43	N	02	321	A		
J	TOKYO	10136.160	01	10	0455							F1B							1	D		
HNG	TARNOK	10155.000	18	12	0000	1400	27.3				1K75	F1B										850HZ 75BD
G	BALDOCK	10155.100	21	10	0115	0120				FX	1K00E	F1B							264	B		
I	ROMA	10157.000	14	11	1213		16.0		RUS	FX	250HE	F1B							71	A		50BD
J	TOKYO	10159.830	01	10	0500			SOUND OF HOPE		BC		A3E	120	E	49	23	N	49	241	A	11	TAIWAN
J	TOKYO	10159.830	06	11	0855			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10159.830	11	11	0650			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10159.840	16	10	0020			SOUND OF HOPE		BC		A3E	121	E	27	24	N	36	241	B	11	TAIWAN
J	TOKYO	10159.840	29	10	1045			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10159.840	10	12	1050			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10159.840	17	12	0843			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10159.850	19	11	0505			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10159.850	03	12	0046			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10159.850	24	12	0651			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	10160.000	04	10	0644	0644	-7.6		CHN	BC	14K9	A3E									6	
KOR	CRMS	10160.000	25	10	0804	0804	24.6		CHN	BC	15K0	A3E									6	
KOR	CRMS	10160.000	13	11	0002	0002	18.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	10160.000	03	12	0007	0707	707.0	4.96			14K4	A3E									11	
I	ROMA	10169.500	03	10	1253		35.0			FX	3K00E	G1D							83	A		STANAG 4285
G	BALDOCK	10184.300	01	10	1840	1845			F	FX	3K00E	G1D							168	A		
I	ROMA	10184.300	03	10	1254		29.0			FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	10184.300	11	10	1144		25.0			FX	3K00E	G1D							282	A		STANAG 4285
G	BALDOCK	10187.800	01	10	1845	1850			F	FX	3K00E	G1D							169	A		
I	ROMA	10187.900	03	10	1256		21.0		F	FX	3K00E	G1D							283	A		STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	10187.900	14	11	1720		42.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	10187.900	27	11	1328		33.0		F	FX	3K00E	G1D							283	A		STANAG 4285
HNG	TARNOK	10187.900	18	12	0500	1330	42.1				3K00E	G1D										STANAG 4285
I	ROMA	10191.000	14	11	1720		18.0			FX	6K00E	J2D							249	A		LINK 11 LSB-USB
J	TOKYO	10191.780	03	12	0052							F1B							324	D		
J	TOKYO	10191.780	17	12	0847							F1B							323	D		
J	TOKYO	10191.780	24	12	0656							F1B							321	D		
J	TOKYO	10192.000	01	10	0505							F1B							324	D		
J	TOKYO	10192.000	16	10	0021				RUS			F1B	132	E	48	43	N	00	324	B		
J	TOKYO	10192.000	26	11	0213				RUS			F1B	132	E	29	43	N	26	325	A		
G	BALDOCK	10196.800	01	10	1850	1855			D	FX	3K00E	G1D							72	A		
I	ROMA	10196.900	11	10	1144		22.0			FX	3K00E	G1D							359	A		STANAG 4285
HNG	TARNOK	10196.900	18	12	0720	1500	39.3				3K00E	G1D										STANAG 4285
I	ROMA	10197.000	03	10	1257		22.0			FX	3K00E	G1D							358	B		STANAG 4285
I	ROMA	10197.000	14	11	1720		48.0			FX	3K00E	G1D							345	A		STANAG 4285
I	ROMA	10197.000	27	11	1329		43.0			FX	3K00E	G1D							346	A		STANAG 4285
G	BALDOCK	10214.500	01	10	1850	1855			I	FX	3K00E	G1D							134	A		
G	BALDOCK	10236.000	21	10	0120	0125			MDA	FX	300HE	F1B							95	B		
J	TOKYO	10265.000	11	11	0654				USA			F1B	144	E	49	13	N	29	169	B		GUM
G	BALDOCK	10265.900	01	10	1855	1900			F	FX	3K00E	G1D							218	A		
I	ROMA	10265.900	03	10	1259		15.0		F	FX	3K00E	G1D							303	A		STANAG 4285
I	ROMA	10265.900	27	11	1330		29.0		F	FX	3K00E	G1D							301	A		STANAG 4285
HNG	TARNOK	10266.000	18	12	0707	1920	34.0				3K00E	G1D										STANAG 4285
G	BALDOCK	10312.000	01	10	1855	1900			CYP	FX	20K0E	P0N							113	A		
J	TOKYO	10400.000	16	10	0025				CHN				130	E	09	47	N	17	330	B		
J	TOKYO	10422.800	10	12	1054														205	D		
J	TOKYO	10429.150	06	11	0904							F1B							38	D		
J	TOKYO	10430.000	01	10	0511				USA			F1B	121	W	51	37	N	13	55	A		
J	TOKYO	10430.000	29	10	1052							F1B							55	D		
J	TOKYO	10430.000	11	11	0704							F1B							55	D		
J	TOKYO	10430.000	19	11	0516							F1B							55	D		
I	ROMA	10440.000	27	11	1335		20.0			FX	3K00E	G1D							359	A		STANAG 4285
J	TOKYO	10451.000	16	10	0027							A1A										
J	TOKYO	10451.000	11	11	0706			RIS9				A1A							300	D		
J	TOKYO	10451.000	03	12	0058			RIS9				A1A							300	D		
J	TOKYO	10451.000	24	12	0711			RIS9				A1A							300	D		
HNG	TARNOK	10455.000	20	12	0640	0741	22.4				2K80E	J3E										USB
J	TOKYO	10456.000	11	11	0710							A1A							322	D		
HNG	TARNOK	10460.000	20	12	0640	0656	20.9				2K80E	J3E										USB

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	10470.000	20	12	0715	0806	20.4				2K80E	J3E										USB
G	BALDOCK	10475.950	01	10	1945	1950			RUS	FX	600HE	F1B							67	B		
HNG	TARNOK	10478.000	20	12	1525	1609	39.5				20K0E	F0N										OTHR
J	TOKYO	10496.000	26	11	0130														304	A		
HNG	TARNOK	10535.000	20	12	2237	2249	27.9				230H	F1B										190HZ,50BD
HNG	TARNOK	10540.000	20	12	1009	1119	32.3				230H	F1B										190HZ,75BD
HNG	TARNOK	10543.000	20	12	0841	0909	47.1	RIP90			100H	A1B										
J	TOKYO	10543.800	24	12	0604							J2D							321	D		
F	RAMBOUILLET	10570.000	02	10	0600	1800	21.0				300HE	F1B								A	9	Intermittent
F	RAMBOUILLET	10672.000	03	10	0600	1800	12.0				10K0	A3EG								A		
I	ROMA	10672.000	04	10	0725		6.0	1414BEBE952	RUS	FX	250HE	F1B							19	B		50 BD
F	RAMBOUILLET	10712.000	03	10	0600	1800	27.0				10K0	A3EG								A		
J	TOKYO	10735.000	01	10	0417							F1B							344	D		
F	RAMBOUILLET	10735.000	03	10	0600	1800	21.0				3K00E	J7B								A	9	
J	TOKYO	10735.000	09	10	0135				RUS			F1B	135	E	18	48	N	38	345	A		
I	ROMA	10735.000	11	10	1249		24.0		HOL	FX	3K00E	G1D							336	A		STANAG 4285 2400BD
J	TOKYO	10735.000	15	10	2346				RUS			F1B	134	E	59	48	N	25	344	A		
J	TOKYO	10769.500	19	11	0417				CHN			J2B	121	E	21	24	N	39	241	B		TAIWAN
J	TOKYO	10769.700	15	10	2348														242	D		
J	TOKYO	10773.000	01	10	0420				RUS				140	E	05	46	N	32	359	A		
F	RAMBOUILLET	10790.000	04	10	0800	0900	27.0				20K0E	PXX								A	9	OTHR
HNG	TARNOK	10807.000	22	12	0524	0540	40.0				30K0E	F0N										OTHR
J	TOKYO	10819.860	09	10	0136				CHN	BC		A3E	120	E	59	24	N	26	240	B		TAIWAN
J	TOKYO	10819.860	15	10	2350			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10819.860	29	10	1004			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10819.860	06	11	0747			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10819.860	11	11	0602			SOUND OF HOPE		BC		A3E	121	E	17	23	N	25	238	A	11	TAIWAN
J	TOKYO	10819.860	26	11	0135			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10819.860	10	12	1002			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10819.860	17	12	0751			SOUND OF HOPE		BC		A3E							236	C	11	
J	TOKYO	10819.870	19	11	0420			SOUND OF HOPE		BC		A3E	121	E	24	25	N	19	243	B	11	TAIWAN
J	TOKYO	10819.870	24	12	0612			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	10819.880	02	12	2347			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	10820.000	02	10	0009	0009	-4.6		CHN	BC	14K9	A3E									6	
KOR	CRMS	10820.000	12	11	0137	0137	17.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	10820.000	02	12	0000	0030	30.0	29.27			14K6	A3E									11	
J	TOKYO	10869.840	01	10	0426			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10869.950	11	11	0606			SOUND OF HOPE		BC		A3E							239	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	10869.950	19	11	0423			SOUND OF HOPE		BC		A3E	121	E	34	25	N	14	243	B	11	TAIWAN
J	TOKYO	10869.960	26	11	0135			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10869.960	17	12	0755			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	10869.970	10	12	1006			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10869.970	24	12	0616			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	10870.000	21	10	0421	0421	21.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	10870.000	12	11	0137	0137	15.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	10870.000	03	12	0007	0708	708.0	0.33			15K0	A3E									11	
I	ROMA	10871.700	11	10	1254		1.0	D	RUS	RN	100HE	A1A							75	A		
HNG	TARNOK	10871.700	22	12	0600	0610	15.6	D BEACON			100H	A1A										
I	ROMA	10871.800	11	10	1253		2.0	P	RUS	RN	100HE	A1A							17	A		
HNG	TARNOK	10871.800	22	12	0730	0930	32.4	P BEACON			100H	A1A										
J	TOKYO	10872.200	29	10	1006			F				A1A							325	D		
J	TOKYO	10872.200	06	11	0748			F				A1A							326	D		
J	TOKYO	10872.200	11	11	0607			F				A1A										
J	TOKYO	10872.200	19	11	0425			F				A1A	131	E	23	43	N	19	320	B		
J	TOKYO	10872.200	26	11	0138			F				A1A							321	D		
J	TOKYO	10872.200	02	12	2349			F				A1A								D		
J	TOKYO	10872.300	01	10	0427			K				A1A							29	D		
J	TOKYO	10872.300	15	10	2355			K				A1A							30	D		
J	TOKYO	10872.300	29	10	1008			K				A1A							30	D		
J	TOKYO	10872.300	06	11	0749			K				A1A	159	E	17	53	N	10	30	A		
J	TOKYO	10872.300	19	11	0425			K				A1A	158	E	17	52	N	35	31	B		
J	TOKYO	10872.300	26	11	0140			K				A1A							30	C		
J	TOKYO	10872.300	02	12	2350			K				A1A							29	D		
J	TOKYO	10872.300	10	12	1010			K				A1A							324	D		
J	TOKYO	10872.300	17	12	0756			K				A1A							30	D		
J	TOKYO	10872.300	24	12	0621			K				A1A							29	D		
J	TOKYO	10872.390	01	10	0428			M				A1A							0	D		
J	TOKYO	10872.390	15	10	2357			M				A1A							0	D		
J	TOKYO	10872.390	29	10	1010			M				A1A										
J	TOKYO	10872.390	06	11	0750			M				A1A							359	D		
J	TOKYO	10872.390	11	11	0610			M				A1A										
J	TOKYO	10872.390	26	11	0141			M				A1A							0	D		
J	TOKYO	10872.390	02	12	2351			M				A1A							357	D		
J	TOKYO	10872.390	10	12	1014			M				A1A										
J	TOKYO	10872.400	19	11	0425			M				A1A	139	E	26	49	N	47	357	B		
J	TOKYO	10939.860	24	12	0626			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10939.880	16	10	0002			SOUND OF HOPE		BC		A3E							240	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	10939.880	11	11	0612			SOUND OF HOPE		BC		A3E	120	E	40	24	N	26	242	B	11	TAIWAN
J	TOKYO	10939.880	19	11	0431			SOUND OF HOPE		BC		A3E	121	E	05	24	N	33	242	B	11	TAIWAN
J	TOKYO	10939.880	26	11	0149			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10939.880	02	12	2357			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10939.880	10	12	1020			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10939.880	17	12	0802			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10939.890	29	10	1012			SOUND OF HOPE		BC		A3E	121	E	02	24	N	12	241	A	11	TAIWAN
J	TOKYO	10939.890	06	11	0756			SOUND OF HOPE		BC		A3E							242	D	11	
G	BALDOCK	10945.000	21	10	0140	0145			CAN	FX	3K00E	G1D							289	B		
J	TOKYO	10959.680	11	11	0615			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	10959.680	24	12	0628			SOUND OF HOPE		BC		A3E							238	D	11	
I	ROMA	10959.700	11	10	1444		2.0			BC	9K00E	A3E							60	A	3	
J	TOKYO	10959.710	16	10	0007			SOUND OF HOPE		BC		A3E	120	E	57	24	N	10	242	B	11	TAIWAN
J	TOKYO	10959.710	29	10	1014			SOUND OF HOPE		BC		A3E	120	E	46	24	N	04	241	A	11	TAIWAN
J	TOKYO	10959.710	06	11	0757			SOUND OF HOPE		BC		A3E							243	D	11	TAIWAN
J	TOKYO	10959.720	19	11	0431			SOUND OF HOPE		BC		A3E	120	E	24	23	N	29	241	B	11	TAIWAN
J	TOKYO	10959.720	26	11	0150			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10959.730	02	12	2358			SOUND OF HOPE		BC		A3E							240	D	11	TAIWAN
J	TOKYO	10959.730	10	12	1023			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10959.750	17	12	0804			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	10960.000	04	10	0644	0644	-4.9		CHN	BC	14K8	A3E									11	
KOR	CRMS	10960.000	13	11	0002	0002	16.8		CHN	BC	14K8	A3E									11	
KOR	CRMS	10960.000	02	12	0000	0031	31.0	31.8			14K8	A3E									11	
F	RAMBOUILLET	10970.000	08	10	1000	1020	17.0				15K0E	PXX								A	9	OTHR
F	RAMBOUILLET	10970.000	08	10	1140	1215	18.0				15K0E	PXX								A	9	OTHR
J	TOKYO	10980.980	03	12	0002														347	D		
J	TOKYO	10981.250	26	11	0154				RUS			F1B	135	E	25	40	N	28	346	B		
J	TOKYO	10981.500	11	11	0618				RUS			J2D	135	E	40	47	N	49	345	A		
F	RAMBOUILLET	11007.850	08	10	0820	1800	22.0				2K40E	J7B								A	9	
J	TOKYO	11008.000	01	10	0434							F1B							344	D		
ROU	BELCIUGATELE	11039.000	04	10	0647	0712	58.2	Data DDH9	D	FX	1K00	F1B							318	A		Meteo
I	ROMA	11039.000	04	10	0732		25.0	DDH9	D	FX	500HE	F1B							350	A		50BD
J	TOKYO	11039.000	10	12	1030							F1B							324	D		
I	ROMA	11039.000	20	12	0850		33.0	DDH9	D	FX	500HE	F1B							350	A		50BD
J	TOKYO	11039.030	17	12	0810							F1B										
F	RAMBOUILLET	11039.200	08	10	0600	1800	20.0				500HE	F1B								A	9	50 BAUDS
J	TOKYO	11069.870	24	12	0633			SOUND OF HOPE		BC		A3E	121	E	22	25	N	06	238	B	11	TAIWAN
J	TOKYO	11069.940	11	11	0622			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11069.940	26	11	0157			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	11069.940	17	12	0813			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	11069.950	01	10	0435			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11069.950	16	10	0011			SOUND OF HOPE		BC		A3E	121	E	04	24	N	08	241	A	11	TAIWAN
J	TOKYO	11069.950	29	10	1019			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11069.950	06	11	0759			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	11069.950	19	11	0435			SOUND OF HOPE		BC		A3E	120	E	33	23	N	34	240	B	11	TAIWAN
J	TOKYO	11069.950	03	12	0003			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11069.950	10	12	1034			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	11070.000	02	10	0009	0009	-6.8		CHN	BC	15K0	A3E									11	
KOR	CRMS	11070.000	13	11	0002	0002	18.8		CHN	BC	14K8	A3E									11	
KOR	CRMS	11070.000	02	12	0000	0031	31.0	34.22			14K8	A3E									11	
J	TOKYO	11090.000	24	12	0639			KVM70				F3C							87	D		
J	TOKYO	11099.970	17	12	0816			SOUND OF HOPE		BC		A3E							242	C	11	
KOR	CRMS	11100.000	04	10	0646	0646	0.8		CHN	BC	14K9	A3E									11	
J	TOKYO	11100.000	16	10	0014			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	11100.000	12	11	0137	0137	18.8		CHN	BC	14K8	A3E									11	
J	TOKYO	11100.000	26	11	0158			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	11100.000	02	12	0000	0031	31.0	35.909999999999997			14K2	A3E									11	
J	TOKYO	11100.000	03	12	0009			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11100.000	10	12	1037			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11100.010	29	10	1022			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11100.010	06	11	0805			SOUND OF HOPE		BC		A3E	120	E	43	24	N	53	242	A	11	
J	TOKYO	11100.010	19	11	0436				CHN			J2B	121	E	34	25	N	11	243	B		TAIWAN
J	TOKYO	11100.010	24	12	0643			SOUND OF HOPE		BC		A3E							242	C	11	
KOR	CRMS	11120.000	04	10	0659	0659	-3.1		CHN	BC	15K0	A3E									11	
J	TOKYO	11120.000	11	11	0623			SOUND OF HOPE		BC		A3E	120	E	48	23	N	41	240	B	11	TAIWAN
KOR	CRMS	11120.000	13	11	0002	0002	23.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	11120.000	02	12	0000	0031	31.0	31.38			14K9	A3E									11	
J	TOKYO	11120.010	01	10	0437			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11120.020	06	11	0808			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	11120.040	16	10	0015			SOUND OF HOPE		BC		A3E	120	E	52	24	N	19	239	A	11	TAIWAN
J	TOKYO	11120.050	29	10	1025			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11120.050	19	11	0437			SOUND OF HOPE		BC		A3E	121	E	30	24	N	56	242	B	11	TAIWAN
J	TOKYO	11120.070	17	12	0819			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11120.090	10	12	1040			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11120.100	03	12	0011			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11120.150	24	12	0645			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	11130.780	01	10	0439														0	D		
I	ROMA	11139.000	04	10	0737		4.0	1414BEBE952	RUS	FX	250HE	F1B							40	A		T600

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	11149.800	24	12	0649			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	11149.870	16	10	0017			SOUND OF HOPE		BC		A3E	121	E	14	24	N	24	240	A	11	TAIWAN
J	TOKYO	11149.870	29	10	1027			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11149.870	06	11	0809			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11149.870	11	11	0626			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	11149.880	19	11	0438			SOUND OF HOPE		BC		A3E	120	E	46	22	N	41	238	B	11	TAIWAN
J	TOKYO	11149.890	26	11	0201			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11149.890	03	12	0012			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11149.890	10	12	1044			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11149.900	17	12	0821			SOUND OF HOPE		BC		A3E							237	C	11	
KOR	CRMS	11150.000	02	10	0010	0010	-7.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	11150.000	12	11	0137	0137	15.0		CHN	BC	14K8	A3E									11	
KOR	CRMS	11150.000	02	12	0000	0031	31.0	30.7			14K6	A3E									11	
J	TOKYO	11163.000	26	11	0202							A1A							269	D		
J	TOKYO	11170.080	16	10	0020			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11170.080	29	10	1029			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11170.080	06	11	0811			SOUND OF HOPE		BC		A3E							243	D	11	TAIWAN
J	TOKYO	11170.080	26	11	0204			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11170.080	24	12	0650			SOUND OF HOPE		BC		A3E							237	C	11	
J	TOKYO	11170.090	01	10	0443			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11170.090	11	11	0628			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11170.090	19	11	0438			SOUND OF HOPE		BC		A3E	121	E	11	22	N	58	238	B	11	TAIWAN
J	TOKYO	11170.090	03	12	0014			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11170.090	17	12	0822			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11183.000	03	12	0017							F1B							170	D		
HNG	TARNOK	11185.440	24	12	1120	1810	35.1	REYKJAVIK	ISL	FA	3K00E	G1D										HF ACARS
HNG	TARNOK	11193.000	24	12	1651	1700	16.6				12K0E	F0N									13	OTHR
HNG	TARNOK	11202.000	24	12	1529	1543	32.7				13K0E	F0N									13	OTHR
HNG	TARNOK	11215.000	24	12	1700	1714	49.6				12K0E	F0N									13	OTHR
I	ROMA	11253.000	04	10	0755		15.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							324	A		VOLMET
HNG	TARNOK	11253.000	24	12	0722	1824	17.1	RAF VOLMET	G	SM	2K80E	J3E										USB
J	TOKYO	11409.970	26	11	0207			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	11409.980	16	10	0026			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	11409.980	29	10	1032			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	11409.980	06	11	0816			SOUND OF HOPE		BC		A3E							307	D	11	TAIWAN
J	TOKYO	11409.980	03	12	0024			SOUND OF HOPE		BC		A3E							307	D	11	
KOR	CRMS	11410.000	08	10	0652	0652	-3.3		CHN	BC	15K0	A3E									11	
KOR	CRMS	11410.000	25	11	0519	0519	17.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	11410.000	03	12	0007	0709	709.0	1.34			14K9	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	11448.000	26	12	1550	1603	38.4				30K0E	F0N										OTHR
F	RAMBOUILLET	11457.000	14	10	0600	1800	27.0				300HE	F1B								A	9	Intermittent
J	TOKYO	11459.990	16	10	0030			SOUND OF HOPE		BC		A3E							241	C	11	
KOR	CRMS	11460.000	02	10	0010	0010	-8.5		CHN	BC	14K9	A3E										11
KOR	CRMS	11460.000	12	11	0137	0137	19.7		CHN	BC	14K9	A3E										11
KOR	CRMS	11460.000	02	12	0000	0032	32.0	39.299999999999997			14K8	A3E										11
J	TOKYO	11460.010	11	11	0631			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11460.010	03	12	0026			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11460.030	06	11	0817			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11460.030	19	11	0440			SOUND OF HOPE		BC		A3E	120	E	20	23	N	29	240	B	11	TAIWAN
J	TOKYO	11460.030	10	12	1052			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11460.040	29	10	1036			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	11460.040	26	11	0209			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11460.080	24	12	0703			SOUND OF HOPE		BC		A3E							242	C	11	
HNG	TARNOK	11469.000	26	12	1603	1618	42.4				30K0E	F0N										OTHR
J	TOKYO	11469.990	17	12	0834							F1B							316	C		
J	TOKYO	11470.000	06	11	0819				RUS			F1B	112	E	10	51	N	26	317	A		TAIWAN
J	TOKYO	11470.000	11	11	0635							F1B							314	D		
HNG	TARNOK	11488.000	26	12	1545	1558	35.9				30K0E	F0N										OTHR
HNG	TARNOK	11497.000	26	12	0900	1200	32.9				800H	F1B										250HZ, 50BD
J	TOKYO	11499.890	24	12	0708			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	11499.960	01	10	0446			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11499.970	16	10	0033			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11499.980	29	10	1039			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11499.980	06	11	0820			SOUND OF HOPE		BC		A3E	121	E	18	25	N	19	243	A	11	
J	TOKYO	11499.980	11	11	0640			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11499.980	19	11	0441			SOUND OF HOPE		BC		A3E	121	E	08	24	N	24	241	B	11	TAIWAN
J	TOKYO	11499.980	26	11	0213			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	11500.000	08	10	0652	0652	-2.7		CHN	BC	14K9	A3E										11
KOR	CRMS	11500.000	13	11	0003	0003	17.1		CHN	BC	14K9	A3E										11
KOR	CRMS	11500.000	02	12	0000	0032	32.0	26.42			14K9	A3E										11
J	TOKYO	11500.000	03	12	0027			SOUND OF HOPE		BC		A3E	120	E	48	24	N	30	242	A	11	TAIWAN
J	TOKYO	11500.000	10	12	1055			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11500.000	17	12	0838			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11500.010	06	11	0821			SOUND OF HOPE		BC		A3E	121	E	21	25	N	22	244	A	11	
J	TOKYO	11509.980	11	11	0644							F1B							316	D		
HNG	TARNOK	11509.999	26	12	0703	1000	50.1			BC	8K61	A3E										11
ROU	BELCIUGATELE	11510.000	19	12	1350	1500	72.5	Radio Free North Korea	UZB	BC	9K00	A3E							83	A		Korean language
HNG	TARNOK	11510.000	26	12	1300	1400	35.7	R.F.N.KOREA	UZB	BC	9K56	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	11519.990	11	11	0647			SOUND OF HOPE		BC		A3E							243	D	11	
KOR	CRMS	11520.000	08	10	0652	0652	-1.9		CHN	BC	14K9	A3E									11	
J	TOKYO	11520.000	16	10	0036			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11520.000	29	10	1041			SOUND OF HOPE		BC		A3E							239	D	11	
KOR	CRMS	11520.000	13	11	0003	0003	22.3		CHN	BC	14K8	A3E									11	
J	TOKYO	11520.000	26	11	0213			SOUND OF HOPE		BC		A3E							238	D	11	
KOR	CRMS	11520.000	02	12	0000	0032	32.0	41.36			14K6	A3E									11	
HNG	TARNOK	11520.000	26	12	0900	1103	48.1			BC	9K38	A3E									11	
J	TOKYO	11520.010	19	11	0442			SOUND OF HOPE		BC		A3E	120	E	20	23	N	23	240	B	11	TAIWAN
J	TOKYO	11520.010	03	12	0032			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11520.010	10	12	1058			SOUND OF HOPE		BC		A3E	120	E	30	23	N	34	241	A	11	TAIWAN
J	TOKYO	11520.020	17	12	0840			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11525.000	19	11	0442					BC		A3E							128	B		
HNG	TARNOK	11529.999	26	12	1103	1258	47.0			BC	8K17	A3E									11	
J	TOKYO	11534.990	10	12	1103			SOUND OF HOPE		BC		A3E	107	E	02	48	N	09	308	B	11	MNG
HNG	TARNOK	11534.999	26	12	1500	1600	51.4	SOH	CHN	BC	8K95	A3E									11	
ROU	BELCIUGATELE	11540.000	03	10	1359	1420	74.9	Turkey Jamming Radio	TUR	BC	9K00	A3E							135	A	3	Music
ROU	BELCIUGATELE	11540.000	25	11	1005	1035	61.4	TRT Recep. Erdogan	TUR	BC	9K00	A3E							137	A		Turkish language
ROU	BELCIUGATELE	11540.000	19	12	0000	2400	79.7	TRT Recep. Erdogan	TUR	BC	9K00	A3E							103	A		Turkish language
HNG	TARNOK	11540.014	26	12	0330	0800	57.9	TRT	TUR	BC	8K51	A3E									11	
HNG	TARNOK	11544.999	26	12	1259	1400	46.3			BC	8K88	A3E									11	
KOR	CRMS	11550.000	04	10	0708	0708	0.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	11550.000	25	10	0806	0806	34.1		CHN	BC	14K8	A3E									11	
KOR	CRMS	11550.000	13	11	0003	0003	13.6		CHN	BC	14K8	A3E									11	
KOR	CRMS	11550.000	02	12	0000	0032	32.0	33.61			14K8	A3E									11	
HNG	TARNOK	11550.000	26	12	0600	0703	48.7			BC	8K80	A3E									11	
J	TOKYO	11550.030	16	10	0038			SOUND OF HOPE		BC		A3E	121	E	04	23	N	40	240	A	11	TAIWAN
J	TOKYO	11550.030	29	10	1045			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11550.030	06	11	0822			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11550.030	11	11	0649			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11550.030	26	11	0214			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11550.040	19	11	0457			SOUND OF HOPE		BC		A3E	121	E	27	24	N	45	242	B	11	TAIWAN
J	TOKYO	11550.040	03	12	0033			SOUND OF HOPE		BC		A3E	121	E	40	24	N	56	241	A	11	TAIWAN
J	TOKYO	11550.040	17	12	0842			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	11550.110	24	12	0710			SOUND OF HOPE		BC		A3E							240	C	11	
ROU	BELCIUGATELE	11560.000	03	10	1403	1420	50.7	China Jamming	CHN	BC	9K00	A3E							83	A	3	Mandarin language
HNG	TARNOK	11560.001	26	12	1500	1600	40.2	RFA	TJK	BC	9K11	A3E									11	
HNG	TARNOK	11560.001	26	12	1800	1900	28.6	RFA	TJK	BC	8K91	A3E									11	
KOR	CRMS	11580.000	02	10	0010	0010	-7.7		CHN	BC	14K9	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	11580.000	03	10	1304	1359	32.4	Data		FX	3K00	J7D							316	A		
F	RAMBOUILLET	11580.000	15	10	0800	1800	49.0				300HE	F1B								A	9	Intermittent
KOR	CRMS	11580.000	25	10	0808	0808	31.2		USA	BC	14K9	A3E									11	
KOR	CRMS	11580.000	13	11	0004	0004	19.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	11580.000	02	12	0000	0032	32.0	37.659999999999997			14K6	A3E									11	
J	TOKYO	11580.140	16	10	0040			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11580.140	29	10	1047			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11580.140	06	11	0834			SOUND OF HOPE		BC		A3E	121	E	08	25	N	16	243	A	11	
J	TOKYO	11580.140	19	11	0458			SOUND OF HOPE		BC		A3E	121	E	30	24	N	47	242	B	11	TAIWAN
J	TOKYO	11580.140	26	11	0215			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11580.140	03	12	0034			SOUND OF HOPE		BC		A3E	120	E	46	24	N	46	242	A	11	TAIWAN
J	TOKYO	11580.140	10	12	1108			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11580.150	17	12	0846			SOUND OF HOPE		BC		A3E	120	E	55	24	N	37	242	A	11	TAIWAN
J	TOKYO	11580.160	24	12	0710			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11592.000	10	12	1111							F1B							323	D		
HNG	TARNOK	11592.000	26	12	1500	1600	45.9				800H	F1B										200HZ 50BD
KOR	CRMS	11600.000	31	10	0409	0409	31.7		CHN	BC	14K9	A3E									6	
KOR	CRMS	11600.000	12	11	0138	0138	34.3		CHN	BC	14K7	A3E									6	
J	TOKYO	11600.000	26	11	0216			CHINA N.R.		BC		A3E	108	E	52	33	N	56	276	B	11	
KOR	CRMS	11600.000	02	12	0000	0033	33.0	49.51			13K5	A3E									6	
HNG	TARNOK	11600.000	26	12	0000	0300	34.7	CNR2	CHN	BC	10K0E	A3E									11	
I	ROMA	11610.000	08	10	1900		38.0	VOICE OF AMERICA	G	BC	9K00E	A3E										
ROU	BELCIUGATELE	11610.000	12	12	1350	1500	66.6	China Radio International		BC	9K00	A3E							82	A		Bengali language
ROU	BELCIUGATELE	11620.000	27	11	1300	1330	63.1	Voice of America	THA	BC	9K00	A3E							72	A		Chinese language
I	ROMA	11625.000	08	10	1900		41.0	NHK WORLD RADIO JAPA	J	BC	9K00E	A3E										
ROU	BELCIUGATELE	11630.000	03	10	1108	1215	33.7	CNR 17	CHN	BC	2K00	A3E							69	A		Lingshi Kazakh language
ROU	BELCIUGATELE	11630.000	15	10	1320	1350	51.5	China National R. Kazakh Sce.	KWT	BC	16K0	A3E							64	A		Lingshi Chinese language
I	ROMA	11635.000	31	10	1910		41.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
I	ROMA	11640.000	08	10	1900		37.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	11640.000	31	10	1910		38.0	CHINA RADIO INTERNAT	MLI	BC	9K00E	A3E										
ROU	BELCIUGATELE	11640.000	12	12	1315	1345	75.2	China Radio International		BC	9K00	A3E							83	A		English language
ROU	BELCIUGATELE	11650.000	03	10	1030	1057	60.1	China Radio International	CHN	BC	9K00	A3E							61	A		Beijing English language
I	ROMA	11650.000	08	10	1900		46.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	11650.001	28	12	1400	1457	32.4	CRI	CHN	BC	10K2	A3E										
HNG	TARNOK	11654.993	28	12	1600	1629	53.3	IBR	UAE	BC	9K66	A3E										
HNG	TARNOK	11659.982	28	12	1629	1645	49.3	TWR	SWZ	BC	9K45	A3E									3	
F	RAMBOUILLET	11660.000	01	10	1400	1500	41.0	CRI	CHN		10K0	A3EG								A		
I	ROMA	11660.000	08	10	1920		30.0	BBC	G	BC	9K00E	A3E										ASCENSION
I	ROMA	11660.000	31	10	1930		24.0	BBC	G	BC	9K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	11660.002	28	12	1500	1556	38.2	RRO	ROU	BC	10K0E	A3E										
HNG	TARNOK	11660.021	28	12	0616	0757	50.9	TRT	TUR	BC	10K0E	A3E									3	
HNG	TARNOK	11670.001	28	12	1600	1700	40.8	VOA	PHL	BC	10K2	A3E										
HNG	TARNOK	11670.002	28	12	1500	1600	42.6	RFA	PHL	BC	10K6	A3E										
F	RAMBOUILLET	11675.000	01	10	1300	1500	33.0	CRI	CHN		10K0	A3EG -								A		
KOR	CRMS	11680.000	04	10	0720	0720	27.6		KRE	BC	14K1	A3E									3	
KOR	CRMS	11680.000	18	11	0421	0421	39.0		KRE	BC	14K7	A3E									6	
KOR	CRMS	11680.000	03	12	0007	0714	714.0	31.86			14K5	A3E									11	
J	TOKYO	11680.000	10	12	1115							F1B										
J	TOKYO	11680.010	29	10	1113														301	C		
J	TOKYO	11690.000	24	10	2300			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	11690.000	16	12	1240	1310	62.2	China Radio International	CHN	BC	9K00	A3E							72	A		English language
HNG	TARNOK	11690.001	28	12	1158	1257	34.9	CRI	CHN	BC	9K77	A3E										
I	ROMA	11695.000	08	10	1900		46.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	11700.000	01	10	1200	1230	42.0	RADIO ROMANIA	ROU		10K0	A3EG -								A		
HNG	TARNOK	11700.002	28	12	0701	0759	46.8	RFI	F	BC	9K39	A3E										
HNG	TARNOK	11700.003	28	12	1430	1530	37.4	VAT	PHL	BC	10K4	A3E										
F	RAMBOUILLET	11710.000	02	10	1100	1800	28.0	VOICE OF KOREA	KRE		10K0	A3EG -								A		
KOR	CRMS	11715.000	08	10	0654	0654	23.0		CHN	BC	11K3	A3E									6	
KOR	CRMS	11715.000	12	11	0140	0140	28.0		CHN	BC	14K6	A3E									6	
KOR	CRMS	11715.000	10	12	0007	0726	726.0	22.32			12K7	A3E									6	
ROU	BELCIUGATELE	11730.000	12	12	1400	1532	76.9	R. Free Asia	PHL	BC	9K00	A3E							82	A		Tibetan language
KOR	CRMS	11735.000	04	10	0722	0722	21.2	KCB	KRE	BC	14K4	A3E									6	
I	ROMA	11735.000	28	10	1755	2000	48.0	VOICE OF AMERICA	MDG	BC	10K0E	A3E							139	A		
KOR	CRMS	11735.000	12	11	0142	0142	23.8		KRE	BC	15K0	A3E									6	
KOR	CRMS	11735.000	03	12	0007	0715	715.0	28.61			14K6	A3E									3	
F	RAMBOUILLET	11740.000	02	10	1100	1600	32.0	CNR 2-CHINA BUSINESS RADIO	CHN		10K0	A3EG -								A		
KOR	CRMS	11740.000	14	10	0414	0414	33.1		CHN	BC	12K0	A3E									6	
ROU	BELCIUGATELE	11740.000	15	10	1352	1412	67.6	CNR 2 China Business Radio	CHN	BC	20K0	A3E							65	A		Lingshi Chinese language
J	TOKYO	11740.000	24	10	0300			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	11740.000	28	11	1120	1150	59.1	CNR 2-China Business Radio	CHN	BC	9K00	A3E							68	A		Chinese language
KOR	CRMS	11740.000	11	12	0002	0200	200.0	28.27			14K8	A3E									6	
F	RAMBOUILLET	11750.000	02	10	0600	1100	20.0	CNR 2-CHINA BUSINESS RADIO	CHN		10K0	A3EG -								A		
F	RAMBOUILLET	11750.000	03	10	0600	0800	12.0	CNR 1 VOICE OF CHINE	CHN		10K0	A3EG -								A		
I	ROMA	11750.000	08	10	1900		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	11750.001	30	12	1058	1200	20.7	CRI	CHN	BC	11K6	A3E										
F	RAMBOUILLET	11760.000	03	10	0600	1200	22.0	CNR 1 VOICE OF CHINE	CHN		10K0	A3EG -								A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	11760.000	30	12	0000	1000	13.7	CNR1	CHN	BC	10K0E	A3E										
HNG	TARNOK	11760.000	30	12	1400	1500	48.8	VOA	PHL	BC	10K0E	A3E										2 TX
HNG	TARNOK	11760.004	30	12	1200	1357	34.0	CRI	CHN	BC	9K54	A3E										
HNG	TARNOK	11770.004	30	12	0200	0357	36.7	CRI	CHN	BC	10K2	A3E										
KOR	CRMS	11775.000	04	10	0723	0723	16.9		CHN	BC	15K0	A3E									11	
I	ROMA	11775.000	08	10	1900		45.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
KOR	CRMS	11775.000	15	11	0604	0604	34.2		CHN	BC	14K6	A3E									6	
KOR	CRMS	11775.000	03	12	0007	0715	715.0	29.87			12K4	A3E									6	
HNG	TARNOK	11775.000	30	12	0700	0900	18.5	SOH	CHN	BC	10K0E	A3E										
HNG	TARNOK	11779.969	30	12	0423	0550	52.4	IRB	IRN	BC	11K2	A3E									3	
J	TOKYO	11780.010	31	10	0000			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11780.015	30	12	0000	0053	25.9	CRI	CHN	BC	10K0E	A3E									3	
HNG	TARNOK	11784.994	30	12	1600	1700	57.3			BC	9K85	A3E										
HNG	TARNOK	11785.003	30	12	1400	1457	64.9	CRI	CHN	BC	8K86	A3E										
J	TOKYO	11789.950	19	11	0504				KRE			J2B	126	E	14	39	N	44	294	B		
ROU	BELCIUGATELE	11790.000	27	11	1255	1325	57.9	China Radio International	CHN	BC	9K00	A3E							85	A		Chinese language
HNG	TARNOK	11790.000	30	12	0800	0828	43.7	TDF	F	BC	10K0E	X7E										DRM
HNG	TARNOK	11790.001	30	12	1200	1400	32.5	CRI	CHN	BC	10K1	A3E										
HNG	TARNOK	11790.005	30	12	0000	0057	16.7	CRI	CHN	BC	11K6	A3E										
HNG	TARNOK	11795.003	30	12	1100	1157	24.9	CRI	CHN	BC	11K2	A3E										
HNG	TARNOK	11795.009	30	12	1000	1055	49.0	TRT	TUR	BC	9K47	A3E										
J	TOKYO	11797.030	10	12	1122							F1B							324	D		
F	RAMBOUILLET	11800.000	03	10	0600	1200	29.0	CNR 2-CHINA BUSINESS RADIO	CHN		10K0	A3EG -								A		
F	RAMBOUILLET	11800.000	04	10	0600	1200	22.0	CNR 2-CHINA BUSINESS RADIO	CHN		10K0	A3EG -								A		
I	ROMA	11800.000	08	10	1900		39.0	ADVENTIST WORLD R.	D	BC	9K00E	A3E										
HNG	TARNOK	11800.002	30	12	1700	1900	64.5	NHK	F	BC	9K54	A3E										
HNG	TARNOK	11800.003	30	12	0700	0800	22.0			BC	11K7	A3E										
HNG	TARNOK	11800.007	30	12	0030	1030	25.3	CNR2	CHN	BC	10K4	A3E										
F	RAMBOUILLET	11805.000	04	10	1500	1600	27.0	RADIO FREE ASIA	CHN		10K0	A3EG -								A		
ROU	BELCIUGATELE	11810.000	15	10	1356	1418	65.0	All India Radio	IND	BC	12K0	A3E							109	B		Bengaluru Pashto language
F	RAMBOUILLET	11815.000	04	10	0600	1700	27.0	R.BRASIL CENTRAL	B		10K0	A3EG -								A		
F	RAMBOUILLET	11825.000	04	10	1700	1800	64.0	CRI	CHN		10K0	A3EG -								A		
I	ROMA	11825.000	08	10	1920		43.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
KOR	CRMS	11825.000	04	11	0701	0701	40.7		J	BC	10K8	A3E									6	
ROU	BELCIUGATELE	11830.000	27	11	1220	1250	63.2	Wizzima Radio	TJK	BC	9K00	A3E							84	A		Burmese language
F	RAMBOUILLET	11850.000	04	10	0600	1000	33.0	CNR 1 VOICE OF CHINE	CHN		10K0	A3EG -								A		
F	RAMBOUILLET	11850.000	07	10	0600	1800	44.0	CNR	CHN		10K0	A3EG -								A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	11850.000	31	10	1930		58.0	VOICE OF AMERICA	CVA	BC	9K00E	A3E										
I	ROMA	11860.000	08	10	1900		23.0	R.MARTI	USA	BC	9K00E	A3E										
I	ROMA	11860.000	31	10	1910		19.0	R.MARTI	USA	BC	9K00E	A3E										
F	RAMBOUILLET	11865.000	07	10	0600	1200	42.0	VOK	KRE		10K0	A3EG								A		
J	TOKYO	11865.000	24	10	0700			V.O.KOREA	KRE	BC		A3E										
J	TOKYO	11865.000	24	10	2100			V.O. KOREA	KRE	BC		A3E										
F	RAMBOUILLET	11870.000	07	10	1300	1800	40.0	HCJB AUS	AUS		10K0	A3EG								A		
F	RAMBOUILLET	11872.000	07	10	0600	1800	22.0				100HE	A1AA-								A	9	
F	RAMBOUILLET	11875.000	07	10	0600	1200	36.0	WORD CHRISTIAN RADIO	USA		10K0	A3EG								A		
ROU	BELCIUGATELE	11875.000	27	11	1250	1320	59.7	Reach Beyond Australia (HCJB)	AUS	BC	9K00	A3E							95	A		Oriya language
ROU	BELCIUGATELE	11875.000	16	12	1250	1430	52.0	Reach Beyond Australia (HCJB)	AUS	BC	9K00	A3E							95	A		Hindi language
KOR	CRMS	11875.000	27	12	0006	0655	655.0	29.02			14K8	A3E									6	
I	ROMA	11880.000	08	10	1900		49.0	ADVENTIST WORLD R.	MDG	BC	9K00E	A3E										
F	RAMBOUILLET	11885.000	07	10	0600	1800	42.0	VO VIETNAM			10K0	A3EG								A		
I	ROMA	11885.000	08	10	1900		30.0	VOICE OF VIETNAM	VTN	BC	9K00E	A3E										
G	BALDOCK	11885.000	14	10	2200	2214		Voice of Vietnam	VTN	BC	16K0E	A3E							67	A	12	
I	ROMA	11885.000	31	10	1910		35.0	VOICE OF VIETNAM	VTN	BC	9K00E	A3E										
F	RAMBOUILLET	11890.000	07	10	1300	1800	41.0	VOA			10K0E	A3EG								A		
I	ROMA	11895.000	08	10	1900		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	11900.000	15	10	1315	1345	59.7	Reach Beyond Australia	AUS	BC	9K00	A3E							92	A		Hindi language
I	ROMA	11900.000	31	10	1930		20.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
J	TOKYO	11900.000	12	12	0000			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	11900.000	19	12	1245	1529	73.0	Voice of America	THA	BC	9K00	A3E							84	A		Chinese language
F	RAMBOUILLET	11905.000	08	10	0600	1300	42.0	CRI	CHN		10K0	A3EG								A		
F	RAMBOUILLET	11910.000	08	10	1200	1800	38.0	CRI	CHN		10K0	A3EG								A		
I	ROMA	11910.000	08	10	1920		24.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
F	RAMBOUILLET	11925.000	08	10	1200	1800	38.0	CNR	CHN		10K0	A3EG								A		
ROU	BELCIUGATELE	11925.000	27	11	1240	1310	61.9	CNR 1 Voice of China	CHN	BC	9K00	A3E							67	A		Chinese language
I	ROMA	11930.000	31	10	1920		36.0	VORW RADIO INTERNATI	F	BC	9K00E	A3E										
F	RAMBOUILLET	11935.000	08	10	0600	1300	40.0	CNR	CHN		10K0	A3EG								A		
I	ROMA	11935.000	08	10	1900		27.0			BC	9K00E	A3E										
I	ROMA	11935.000	31	10	1910		29.0	REPUBLIC OF YEMEN RA	ARS	BC	9K00E	A3E										
F	RAMBOUILLET	11950.000	07	10	0600	0800	21.0				15K0E	PXX								A	9	
F	RAMBOUILLET	11950.000	08	10	1200	1800	38.0	ROMANIA RADIO	ROU		10K0	A3EG								A		
F	RAMBOUILLET	11950.000	09	10	1300	1500	42.0	PBS	CHN		10K0	A3EG								A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	11954.900	19	11	0505				KRE			J2B	125	E	48	40	N	11	297	B		
KOR	CRMS	11960.000	26	11	0708	0708	51.3		CHN	BC	10K7	A3E									6	
KOR	CRMS	11960.000	27	12	0006	0656	656.0	51.84			9K92	A3E									6	
F	RAMBOUILLET	11965.000	09	10	1600	1800	36.0	CNR	CHN		10K0	A3EG								A		
KOR	CRMS	11970.000	31	10	0417	0417	19.2		CHN	BC	14K8	A3E									11	
KOR	CRMS	11975.000	04	10	0730	0730	6.7		CHN	BC	14K4	A3E									11	
I	ROMA	11975.000	08	10	1900		38.0	R.ROMANIA INT.	ROU	BC	9K00E	A3E										
KOR	CRMS	11975.000	15	11	0606	0606	39.5		CHN	BC	14K2	A3E									6	
KOR	CRMS	11975.000	05	12	0004	0425	425.0	17.760000000000002			13K8	A3E									6	
I	ROMA	11985.000	31	10	1910		35.0	KSDA-ADVENTIST WORLD		BC	9K00E	A3E										
KOR	CRMS	11990.000	04	10	0732	0732	2.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	11990.000	14	11	0621	0621	23.9	CNR	CHN	BC	14K5	A3E									3	
KOR	CRMS	11990.000	02	12	0000	0037	37.0	37.9	CHN		14K4	A3E									3	
I	ROMA	11995.000	08	10	1900		26.0	R.FRANCE INT.	F	BC	9K00E	A3E										
I	ROMA	11995.000	31	10	1910		39.0	R.FRANCE INT.	F	BC	9K00E	A3E										
I	ROMA	12005.000	31	10	1910		26.0	R.FARDA	D	BC	9K00E	A3E										
ROU	BELCIUGATELE	12005.000	25	11	0930	1000	70.5	FEBC Radio	D	BC	9K00	A3E							301	A		Persian language
ROU	BELCIUGATELE	12005.000	04	12	0000	2400	76.8	R. Farda	D	BC	9K00	A3E							301	A		Persian language
I	ROMA	12015.000	08	10	1920		29.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
F	RAMBOUILLET	12015.000	10	10	1400	1700	41.0	VOICE OF KOREA	KRE		10K0E	A3EG								A	3	
I	ROMA	12015.000	31	10	1910		27.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
ROU	BELCIUGATELE	12015.000	19	11	1211	1235	72.4	China Radio International	CHN	BC	9K00	A3E							82	A		Kashi-saibagh English language
J	TOKYO	12020.000	24	10	1400			V.O.VIETNAM	VTN	BC		A3E										
J	TOKYO	12020.000	31	10	1330			V.O.VIETNAM	VTN	BC		A3E										
I	ROMA	12030.000	31	10	1910		44.0	R.EXTERIOR DE ESPANA	E	BC	9K00E	A3E										
F	RAMBOUILLET	12035.000	10	10	1300	1700	62.0	VOA DEEWA RADIO	THA		10K0E	A3EG								A	3	
I	ROMA	12040.000	31	10	1910		49.0	VOICE OF AMERICA	CVA	BC	9K00E	A3E										
KOR	CRMS	12045.000	04	11	0703	0703	25.6		CHN	BC	12K7	A3E									6	
I	ROMA	12050.000	08	10	1900		44.0	RADIO NDARASON INTER		BC	9K00E	A3E										
I	ROMA	12050.000	31	10	1915		31.0	RADIO NDARASON INTER		BC	9K00E	A3E										
ROU	BELCIUGATELE	12050.000	27	11	1230	1300	62.5	R. Free Asia	PHL	BC	9K00	A3E							84	A		Tibetan language
F	RAMBOUILLET	12055.000	11	10	0700	1200	27.0	CNR 17	CHN		10K0E	A3EG								A	3	
ROU	BELCIUGATELE	12055.000	19	11	0947	1015	49.7	CNR 17	CHN	BC	16K0	A3E							68	A		Lingshi Kazakh language
F	RAMBOUILLET	12070.000	11	10	1430	1700	50.0	VOA RADIO ASHNA	THA		10K0E	A3EG								A	3	
KOR	CRMS	12070.000	13	11	0008	0008	21.4		PHL	BC	14K5	A3E									6	
KOR	CRMS	12070.000	04	12	0000	0021	21.0	11.1			14K9	A3E									6	
I	ROMA	12075.000	31	10	1915		33.0	VOICE OF AMERICA	CVA	BC	9K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	12080.000	09	10	1753		53.0	VOICE OF AMERICA	BOT	BC	10K0E	A3E										PORTOGHESE
ROU	BELCIUGATELE	12080.000	19	11	1121	1200	53.7	Voice of America	PHL	BC	18K0	A3E							72	A		Tinang Chinese language
J	TOKYO	12090.000	24	12	0745				KRE			J2B	125	E	20	39	N	58	295	B		
I	ROMA	12095.000	08	10	1920		49.0	BBC	CVA	BC	9K00E	A3E										
F	RAMBOUILLET	12095.000	11	10	1000	1200	27.0	FEBC RADIO	PHL		10K0E	A3EG								A	3	
ROU	BELCIUGATELE	12095.000	16	12	1205	1450	53.0	FEBC Radio	PHL	BC	9K00	A3E							79	A		lu Mien language
J	TOKYO	12110.000	11	11	0749					BC		A3E							249	B		
J	TOKYO	12110.000	26	11	0417					BC		A3E							294	B		
J	TOKYO	12117.700	11	11	0753				KOR			J2B	128	E	24	37	N	31	285	B		
J	TOKYO	12117.900	09	10	0420				KOR				128	E	59	36	N	11	277	B		
J	TOKYO	12120.000	01	10	0603							F1B							36	D		
ROU	BELCIUGATELE	12120.000	15	10	1220	1250	51.4	FEBC Radio	PHL	BC	9K00	A3E							78	A		Akhazian language
F	RAMBOUILLET	12120.000	16	10	1300	1400	45.0	FEBC	PHL		10K0E	A3EG								A	3	
J	TOKYO	12127.000	11	11	0755				CHN			A1A	118	E	19	32	N	41	267	B		
J	TOKYO	12140.000	19	11	0601					BC		A3E										
J	TOKYO	12140.000	17	12	1001					BC		A3E							295	D		
J	TOKYO	12141.900	01	10	0606				RUS				158	E	23	53	N	10	30	B		
J	TOKYO	12146.300	24	12	0748				F			J2B	164	E	05	20	S	41	154	B		NCL
J	TOKYO	12146.430	17	12	1002				F				166	E	01	22	S	02	152	A		NCL
ROU	BELCIUGATELE	12160.000	25	11	1140	1210	62.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							65	A		Chinese language
J	TOKYO	12189.910	09	10	0424			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12189.910	03	12	0131			SOUND OF HOPE		BC		A3E							242	D	11	TAIWAN
J	TOKYO	12189.920	28	10	2347			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12189.920	19	11	0602			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12189.920	24	12	0757			SOUND OF HOPE		BC		A3E	121	E	21	25	N	08	243	B	11	TAIWAN
J	TOKYO	12189.930	06	11	1005			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	12189.930	26	11	0421			SOUND OF HOPE		BC		A3E	121	E	21	25	N	05	243	B	11	TAIWAN
J	TOKYO	12189.930	09	12	2346			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	12190.000	04	10	0740	0740	0.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	12190.000	13	11	0008	0008	20.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	12190.000	02	12	0000	0038	38.0	30.75			14K9	A3E									11	
J	TOKYO	12195.440	26	11	0422				KRE	BC		A3E	125	E	55	39	N	26	298	B		
J	TOKYO	12202.840	19	11	0607														344	D		
J	TOKYO	12209.970	28	10	2348			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	12209.970	06	11	1007			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12209.970	19	11	0608			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12209.970	26	11	0422			SOUND OF HOPE		BC		A3E	121	E	14	24	N	56	242	B	11	TAIWAN
J	TOKYO	12209.970	03	12	0133			SOUND OF HOPE		BC		A3E							240	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12209.970	09	12	2347			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12209.970	17	12	1004			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12209.970	24	12	0759			SOUND OF HOPE		BC		A3E	121	E	43	25	N	02	242	B	11	TAIWAN
J	TOKYO	12209.980	09	10	0425			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12209.980	11	11	0756			SOUND OF HOPE		BC		A3E	120	E	59	24	N	45	242	B	11	TAIWAN
KOR	CRMS	12210.000	02	10	0016	0016	-6.6		CHN	BC	15K0	A3E									11	
KOR	CRMS	12210.000	12	11	0145	0145	17.0		CHN	BC	14K8	A3E									11	
KOR	CRMS	12210.000	02	12	0000	0038	38.0	32.33			13K9	A3E									11	
J	TOKYO	12229.950	01	10	0608			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12229.950	16	10	0135			SOUND OF HOPE		BC		A3E	121	E	02	24	N	39	240	A	11	TAIWAN
J	TOKYO	12229.950	11	11	0758			SOUND OF HOPE		BC		A3E	121	E	34	24	N	45	241	B	11	TAIWAN
J	TOKYO	12229.950	26	11	0424			SOUND OF HOPE		BC		A3E	121	E	14	24	N	01	240	B	11	TAIWAN
J	TOKYO	12229.960	06	11	1009			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12229.960	19	11	0609			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	12229.970	28	10	2355			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	12229.980	03	12	0134			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12229.990	09	12	2348			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12229.990	17	12	1004			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12229.990	24	12	0800			SOUND OF HOPE		BC		A3E	121	E	43	24	N	33	240	B	11	TAIWAN
KOR	CRMS	12230.000	04	10	0741	0741	-0.4		CHN	BC	15K0	A3E									6	
KOR	CRMS	12230.000	12	11	0145	0145	18.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	12230.000	21	11	0524	0524	12.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	12230.000	02	12	0000	0038	38.0	30.08			14K3	A3E									11	
J	TOKYO	12279.900	09	10	0426			SOUND OF HOPE		BC		A3E	120	E	29	23	N	15	240	B	11	TAIWAN
J	TOKYO	12279.910	01	10	0609			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12279.910	16	10	0140			SOUND OF HOPE		BC		A3E	121	E	02	24	N	39	240	B	11	TAIWAN
J	TOKYO	12279.950	11	11	0759			SOUND OF HOPE		BC		A3E	120	E	20	23	N	26	240	B	11	TAIWAN
J	TOKYO	12279.950	19	11	0611			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12279.950	26	11	0425			SOUND OF HOPE		BC		A3E	121	E	14	23	N	55	240	B	11	TAIWAN
J	TOKYO	12279.960	06	11	1013			SOUND OF HOPE		BC		A3E							239	D	11	KOR
J	TOKYO	12279.960	03	12	0136			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12279.970	17	12	1006			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12279.970	24	12	0801			SOUND OF HOPE		BC		A3E	120	E	55	23	N	58	241	B	11	TAIWAN
J	TOKYO	12279.980	09	12	2350			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12284.400	09	10	0428				CHN				119	E	30	25	N	57	248	A		
J	TOKYO	12345.210	11	11	0805			SOUND OF HOPE		BC		A3E	127	E	01	36	N	58	282	B	11	KOR
J	TOKYO	12345.210	19	11	0612			SOUND OF HOPE		BC		A3E							281	D	11	
J	TOKYO	12345.220	26	11	0425			SOUND OF HOPE		BC		A3E	127	E	05	36	N	58	281	B	11	KOR
J	TOKYO	12345.220	03	12	0138			SOUND OF HOPE		BC		A3E							279	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12345.220	09	12	2352			SOUND OF HOPE		BC		A3E							278	C	11	
J	TOKYO	12345.220	24	12	0802			SOUND OF HOPE		BC		A3E	128	E	02	37	N	08	283	B	11	KOR
J	TOKYO	12364.850	01	10	0610			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12364.850	06	11	1015			SOUND OF HOPE		BC		A3E							239	D	11	TAIWAN
J	TOKYO	12364.850	11	11	0807			SOUND OF HOPE		BC		A3E	120	E	54	24	N	35	242	B	11	TAIWAN
J	TOKYO	12364.860	16	10	0141			SOUND OF HOPE		BC		A3E	121	E	02	24	N	39	240	A	11	TAIWAN
J	TOKYO	12364.860	28	10	2358			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12364.860	19	11	0618			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12364.870	26	11	0426			SOUND OF HOPE		BC		A3E	121	E	46	24	N	21	242	B	11	TAIWAN
J	TOKYO	12364.880	03	12	0139			SOUND OF HOPE		BC		A3E							240	D	11	TAIWAN
J	TOKYO	12364.880	09	12	2359			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12364.900	24	12	0807			SOUND OF HOPE		BC		A3E	121	E	14	24	N	24	241	B	11	TAIWAN
J	TOKYO	12365.000	11	11	0809				AUS			J3E	142	E	53	26	S	40	177	B		
J	TOKYO	12367.500	16	10	0205			XSG		FC		F1B										
J	TOKYO	12370.000	19	11	0620							F1B							277	D		
J	TOKYO	12382.000	16	10	0145							F3C							260	C		
J	TOKYO	12382.000	11	11	0812			XSG		FC		F3C	121	E	24	31	N	09	259	B		
J	TOKYO	12382.000	10	12	0004			XSG		FC		F3C							259	D		
J	TOKYO	12382.000	17	12	1012			XSG		FC		F3C							259	D		
J	TOKYO	12382.000	24	12	0809			XSG		FC		F1B										
J	TOKYO	12383.000	03	12	0141			XSG		FC		F3C	121	E	01	31	N	29	262	B		
J	TOKYO	12414.910	01	10	0612					BC		A3E							296	D		
J	TOKYO	12414.910	09	10	0435					BC		A3E							297	D		
J	TOKYO	12428.990	10	12	0008							A1A										
J	TOKYO	12435.000	11	11	0819							A1A										
J	TOKYO	12499.900	16	10	0151			SOUND OF HOPE		BC		A3E	121	E	02	24	N	39	240	B	11	TAIWAN
J	TOKYO	12499.910	09	10	0436			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12499.910	06	11	1019			SOUND OF HOPE		BC		A3E							238	D	11	TAIWAN
J	TOKYO	12499.920	01	10	0613			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12499.920	11	11	0820			SOUND OF HOPE		BC		A3E	121	E	30	25	N	02	243	B	11	TAIWAN
J	TOKYO	12499.930	29	10	0005			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12499.930	19	11	0630			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12499.940	03	12	0152			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12499.940	24	12	0814			SOUND OF HOPE		BC		A3E	121	E	14	23	N	49	240	B	11	TAIWAN
J	TOKYO	12499.950	17	12	1021			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12499.960	10	12	0010			SOUND OF HOPE		BC		A3E							238	D	11	
KOR	CRMS	12500.000	21	10	0429	0429	22.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	12500.000	13	11	0008	0008	15.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	12500.000	02	12	0000	0038	38.0	34.67			14K9	A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12510.500	16	10	0153							F1B							270	C		
J	TOKYO	12510.500	26	11	0436				CHN			F1B	119	E	29	25	N	31	246	B		
J	TOKYO	12535.490	26	11	0441				CHN			F1B	117	E	41	37	N	11	281	B		
J	TOKYO	12549.470	09	10	0442					BC		A3E							240	C		
J	TOKYO	12549.470	16	10	0158			SOUND OF HOPE		BC		A3E	121	E	21	24	N	04	240	B	11	TAIWAN
J	TOKYO	12549.470	26	11	0441			SOUND OF HOPE		BC		A3E	121	E	27	24	N	24	240	B	11	TAIWAN
J	TOKYO	12549.480	11	11	0823				CHN	BC		A3E	120	E	49	22	N	41	238	B		TAIWAN
J	TOKYO	12549.490	01	10	0621					BC		A3E							240	D		
J	TOKYO	12549.490	03	12	0157					BC		A3E							241	D		
J	TOKYO	12549.500	29	10	0006			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12549.510	06	11	1023			SOUND OF HOPE		BC		A3E							238	D	11	TAIWAN
J	TOKYO	12549.520	10	12	0013			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	12549.530	17	12	1022			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12549.530	24	12	0815			SOUND OF HOPE		BC		A3E	120	E	39	23	N	20	240	B	11	TAIWAN
KOR	CRMS	12550.000	04	10	0741	0741	-0.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	12550.000	13	11	0009	0009	19.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	12550.000	02	12	0000	0039	39.0	27.04			14K8	A3E									11	
I	ROMA	12570.000	10	10	0915		40.0			FX	3K00E	G1D							336	A		STANAG 4285
J	TOKYO	12578.990	24	12	0817				USA			F1B	156	W	21	19	N	43	89	B		HWA
I	ROMA	12579.000	10	10	0919		24.0			FX		F1B							41	A		
J	TOKYO	12579.000	06	11	1026							F1B										
J	TOKYO	12579.010	26	11	0443				USA			F1B	157	W	50	21	N	23	87	B		HWA
J	TOKYO	12579.220	11	11	0826							F1B							323	B		
J	TOKYO	12580.700	09	10	0451							F1B										
J	TOKYO	12584.010	06	11	1031							F1B							326	C		
J	TOKYO	12600.430	10	12	0015														314	C		
J	TOKYO	12600.500	26	11	0445				KRE				130	E	06	42	N	48	315	B		
J	TOKYO	12609.370	03	12	0203			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12610.000	01	10	0624							F1B										
I	ROMA	12610.000	21	10	1045		24.0	1EB41EB2952	RUS	FX	250HE	F1B							12	A		T600 - 50BD
I	ROMA	12610.000	25	10	1131		32.0	1EB41EB2952	RUS	FX	250HE	F1B							12	A		T600 - 50BD
J	TOKYO	12610.000	11	11	0831				RUS			F1B	119	E	49	61	N	43	340	B		
J	TOKYO	12610.010	06	11	1035							F1B							335	C		HWA
J	TOKYO	12613.000	01	10	0625			XSQ		FC		F1B										
J	TOKYO	12613.000	09	10	0454			XSQ		FC		F1B										
J	TOKYO	12613.000	16	10	0200							F1B							248	C		
J	TOKYO	12613.000	29	10	0009			XSQ		FC		F1B							250	D		
J	TOKYO	12613.000	06	11	1038			XSQ		FC		F1B										
J	TOKYO	12613.000	11	11	0833			XSQ		FC		F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12613.000	17	12	1025			XSQ		FC		F1B										
J	TOKYO	12613.000	24	12	0824			XSQ		FC		F1B								B		
J	TOKYO	12624.000	01	10	0626			XSQ		FC		F1B										
G	BALDOCK	12624.000	01	10	1030	1035		XSQ	CHN	FC	100HE	A1A							239	B		
J	TOKYO	12624.000	17	12	1026			XSQ		FC		F1B										
J	TOKYO	12624.000	24	12	0828			XSQ		FC		F1B										
J	TOKYO	12629.300	09	10	0455				CHN			F3C	113	E	59	22	N	54	248	B		
J	TOKYO	12637.500	01	10	0629			XSG		FC		F1B										
J	TOKYO	12637.500	09	10	0505			XSG		FC		F1B										
J	TOKYO	12637.500	06	11	1042			XSG		FC		F1B										
J	TOKYO	12637.500	11	11	0835			XSG		FC		F1B										
J	TOKYO	12637.500	19	11	0634			XSG		FC		F1B							258	D		
J	TOKYO	12637.500	26	11	0450			XSG		FC		F1B										
J	TOKYO	12637.500	03	12	0203			XSG		FC		F1B										
J	TOKYO	12637.500	10	12	0021			XSG		FC		F1B										
J	TOKYO	12637.500	24	12	0832			XSG		FC		F1B										
J	TOKYO	12648.490	03	12	0204			XSQ		FC		F1B										
J	TOKYO	12648.490	10	12	0026			XSQ		FC		F1B										
J	TOKYO	12648.500	09	10	0506			XSQ		FC		F1B										
J	TOKYO	12648.500	16	10	0207			XSQ		FC		F1B										
J	TOKYO	12648.500	11	11	0836			XSQ		FC		F1B										
J	TOKYO	12648.500	26	11	0452			XSQ		FC		F1B										
J	TOKYO	12648.500	17	12	1028			XSQ		FC		F1B										
G	BALDOCK	12654.000	01	10	1035	1040		TAH	TUR	FC	100HE	A1A							107	B		
I	ROMA	12654.000	10	10	0930		8.0	TAH	TUR	FC	270HE	F1B							86	B		SITOR
I	ROMA	12654.000	25	10	1128		9.0	TAH	TUR	FC	270HE	F1B							86	B		SITOR
J	TOKYO	12666.250	26	11	0453				F			J2B	149	W	57	18	S	04	113	B		OCE
J	TOKYO	12666.300	01	10	0631				F				149	W	32	17	S	42	116	A		OCE
J	TOKYO	12666.330	19	11	0635														117	D		
J	TOKYO	12666.350	24	12	0833				F			J2B	149	W	33	16	S	39	114	B		OCE
J	TOKYO	12666.400	11	11	0840				F			J2D	150	W	09	17	S	30	116	B		OCE
I	ROMA	12668.300	21	10	1237		30.0	RFFME	F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	12668.300	25	10	1122		24.0	FUG 8	F	FX	3K00E	G1D							283	A		STANAG 4285
J	TOKYO	12701.020	11	11	0843							F1B							318	B		
HNG	TARNOK	12714.800	02	10	0000	2400	17.0				3K00E	G1D										STANAG 4285
J	TOKYO	12723.960	06	11	1050							F1B										
J	TOKYO	12724.000	10	12	0030							F1B							0	D		
J	TOKYO	12725.700	01	10	0635				F				149	W	32	17	S	41	116	A		OCE
HNG	TARNOK	12725.800	02	10	0500	0900	16.8				3K00E	G1D										STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12725.800	06	11	1055							J2D							116	A		TAIWAN
J	TOKYO	12725.810	19	11	0644				F				150	W	40	17	S	52	116	A		OCE
J	TOKYO	12725.850	11	11	0850				F			J2B	149	W	39	16	S	25	115	B		OCE
J	TOKYO	12725.850	26	11	0456				F			J2B	149	W	27	18	S	10	116	B		OCE
J	TOKYO	12725.850	24	12	0838				F			J2B	149	W	21	17	S	36	115	B		OCE
HNG	TARNOK	12731.800	02	10	0510	2200	42.9				3K00E	G1D										STANAG 4285
I	ROMA	12731.800	21	10	1256		28.0		F	FX	3K00E	G1D							281	A		STANAG 4285 2400BD
HNG	TARNOK	12741.000	02	10	0500	2200	33.9	RDL	RUS	FX	400H	F1B										200HZ 50BD
I	ROMA	12741.000	25	10	1118		22.0	1414BEBE952	RUS	FX	250HE	F1B							14	A		T600 50BD
J	TOKYO	12741.000	11	11	0852				RUS			F1B	104	E	32	63	N	29	333	B		
F	RAMBOUILLET	12776.000	01	10	0600	1800	14.0				300HE	F1B								A	9	Intermittent
HNG	TARNOK	12776.000	02	10	0358	2200	44.8				290H	F1B										200HZ 50BD
J	TOKYO	12794.960	11	11	0854			SOUND OF HOPE		BC		A3E	120	E	59	22	N	56	238	B	11	TAIWAN
J	TOKYO	12794.970	01	10	0637			SOUND OF HOPE		BC		A3E	120	E	29	23	N	21	240	A	11	TAIWAN
J	TOKYO	12794.970	29	10	0022			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12794.970	19	11	0646			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12794.970	26	11	0458			SOUND OF HOPE		BC		A3E	121	E	08	23	N	37	239	B	11	TAIWAN
J	TOKYO	12794.990	03	12	0207			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12794.990	10	12	0031			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	12794.990	17	12	1030			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12795.000	06	11	1059			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12795.010	24	12	0839			SOUND OF HOPE		BC		A3E	120	E	27	23	N	26	235	B	11	TAIWAN
J	TOKYO	12804.000	09	10	0511				RUS			F1B	132	E	02	43	N	11	322	B		
J	TOKYO	12804.000	16	10	0209				RUS			F1B	131	E	45	43	N	28	322	B		
J	TOKYO	12804.000	29	10	0030				RUS			F1B	132	E	27	43	N	20	324	A		
J	TOKYO	12804.000	06	11	1104							F1B							322	D		
J	TOKYO	12804.000	11	11	0855				RUS			F1B	131	E	51	43	N	02	319	B		
J	TOKYO	12804.000	19	11	0648							F1B							322	D		
J	TOKYO	12804.000	26	11	0502				RUS			F1B	132	E	01	43	N	12	322	B		
J	TOKYO	12804.000	03	12	0208				RUS			F1B	131	E	48	42	N	58	321	B		
J	TOKYO	12804.000	10	12	0033				RUS			F1B	131	E	32	43	N	37	323	A		
J	TOKYO	12804.020	01	10	0639				RUS			F1B	132	E	01	43	N	08	322	B		
J	TOKYO	12819.870	09	10	0512			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12819.870	11	11	0857			SOUND OF HOPE		BC		A3E	120	E	52	23	N	05	239	B	11	TAIWAN
J	TOKYO	12819.880	19	11	0649			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12819.890	06	11	1106			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12819.890	26	11	0502			SOUND OF HOPE		BC		A3E	121	E	27	25	N	02	243	B	11	TAIWAN
J	TOKYO	12819.900	29	10	0032			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12819.920	03	12	0214			SOUND OF HOPE		BC		A3E	120	E	30	22	N	51	239	B	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12819.940	10	12	0039			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12819.940	17	12	1031			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12819.950	24	12	0842			SOUND OF HOPE		BC		A3E	120	E	46	23	N	37	240	B	11	TAIWAN
J	TOKYO	12819.970	01	10	0640			SOUND OF HOPE		BC		A3E	120	E	26	23	N	26	241	A	11	TAIWAN
KOR	CRMS	12820.000	25	10	0817	0817	18.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	12820.000	13	11	0009	0009	19.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	12820.000	02	12	0000	0039	39.0	22.75			14K7	A3E									11	
J	TOKYO	12834.930	01	10	0641			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12834.930	09	10	0513			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.930	29	10	0036			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12834.930	11	11	0857			SOUND OF HOPE		BC		A3E	121	E	02	22	N	50	238	B	11	TAIWAN
J	TOKYO	12834.940	19	11	0650			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.950	06	11	1107			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.950	26	11	0503			SOUND OF HOPE		BC		A3E	120	E	55	23	N	14	239	B	11	TAIWAN
J	TOKYO	12834.950	03	12	0214			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.950	10	12	0040			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12834.960	17	12	1032			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.970	24	12	0843			SOUND OF HOPE		BC		A3E	120	E	33	23	N	05	239	B	11	TAIWAN
F	RAMBOUILLET	12840.000	02	10	0600	1800	52.0				300HE	F1B								A	9	Intermittent
I	ROMA	12840.500	07	11	0835		28.0	PBB	HOL	FC	1K00E	F1B							336	C		75 BD 850 SHIFT
J	TOKYO	12864.990	09	10	0515			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12864.990	06	11	1110			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12864.990	11	11	0900			SOUND OF HOPE		BC		A3E	120	E	48	22	N	18	239	B	11	TAIWAN
KOR	CRMS	12865.000	22	10	0612	0612	23.9		CHN	BC	15K0	A3E									11	
J	TOKYO	12865.000	29	10	0037			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12865.000	19	11	0650			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	12865.000	21	11	0524	0524	20.6		CHN	BC	14K8	A3E									11	
KOR	CRMS	12865.000	23	12	0005	0503	503.0	28.12			14K9	A3E									11	
J	TOKYO	12865.010	26	11	0503			SOUND OF HOPE		BC		A3E	121	E	18	23	N	46	240	B	11	TAIWAN
J	TOKYO	12865.010	03	12	0215			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12865.010	17	12	1033			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12865.020	24	12	0844			SOUND OF HOPE		BC		A3E	121	E	21	24	N	10	240	B	11	TAIWAN
J	TOKYO	12865.030	10	12	0041			SOUND OF HOPE		BC		A3E							239	D	11	
F	RAMBOUILLET	12875.000	03	10	0600	1800	46.0				3K00E	J7B								A	9	
I	ROMA	12875.400	25	10	1118		27.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	12875.400	07	11	0856		28.0		F	FX	3K00E	G1D							282	A		STANAG 4285
J	TOKYO	12879.750	09	10	0516			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12879.750	26	11	0504			SOUND OF HOPE		BC		A3E	121	E	37	25	N	14	242	B	11	TAIWAN
J	TOKYO	12879.750	03	12	0216			SOUND OF HOPE		BC		A3E							240	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12879.750	10	12	0042			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12879.750	17	12	1034			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12879.750	24	12	0844			SOUND OF HOPE		BC		A3E	120	E	20	23	N	11	240	B	11	TAIWAN
J	TOKYO	12879.770	06	11	1111			SOUND OF HOPE		BC		A3E							239	D	11	
KOR	CRMS	12880.000	04	10	0742	0742	-1.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	12880.000	13	11	0009	0009	17.9		CHN	BC	15K0	A3E									11	
KOR	CRMS	12880.000	05	12	0004	0426	426.0	-4.8899999999999997			15K0	A3E									11	
F	RAMBOUILLET	12885.000	03	10	0600	1800	21.0				3K00E	J7B								A	9	
J	TOKYO	12885.400	01	10	0646				F				165	E	36	21	S	21	153	A		NCL
I	ROMA	12885.400	25	10	0837		34.0			FX	3K10E	G1D							285	A		STANAG 4285 2400BD
I	ROMA	12885.400	07	11	0857		34.0			FX	3K10E	G1D							284	A		STANAG 4285 2400BD
HNG	TARNOK	12917.000	04	10	0420	0610	41.4				25K0E	F0N										OTHR
F	RAMBOUILLET	12932.000	04	10	0600	1130	32.0				2K80E	J7B								A	9	STANAG 4285
I	ROMA	12932.500	25	10	0836		28.0	RETJ	E	FX	3K00E	G1D							266	A		STANAG 4285 2400BD
I	ROMA	12932.500	07	11	0857		23.0	RETJ	E	FX	3K00E	G1D							266	A		STANAG 4285 2400BD
J	TOKYO	12943.750	11	11	0902				F			J2B	166	E	16	21	S	37	152	B		NCL
HNG	TARNOK	12946.000	04	10	2033	2100	47.7				25K0E	F0N										OTHR
HNG	TARNOK	12956.000	04	10	0406	0635	51.0				25K0E	F0N										OTHR
J	TOKYO	12993.800	01	10	0649														351	C		
J	TOKYO	13019.840	01	10	0651			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13019.850	16	10	0211			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	13019.870	06	11	1112			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13019.870	26	11	0506			SOUND OF HOPE		BC		A3E	121	E	27	24	N	53	242	B	11	TAIWAN
J	TOKYO	13019.880	19	11	0653			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13019.880	03	12	0219			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13019.900	17	12	1044			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13019.990	09	10	0517			CHINA N.R.		BC		A3E							319	D	11	
J	TOKYO	13020.000	01	10	0652			CHINA N.R.		BC		A3E							249	D	11	
KOR	CRMS	13020.000	02	10	0017	0017	12.6		CHN	BC	14K8	A3E									11	
J	TOKYO	13020.000	29	10	0040					BC		A3E							249	D		
J	TOKYO	13020.000	11	11	0904				CHN	BC		A3E	119	E	02	26	N	01	240	B		
KOR	CRMS	13020.000	12	11	0146	0146	31.9		CHN	BC	14K2	A3E									11	
J	TOKYO	13020.000	19	11	0654					BC		A3E										
KOR	CRMS	13020.000	02	12	0000	0039	39.0	53.09			14K4	A3E									11	
J	TOKYO	13020.000	03	12	0220			CHINA N.R.		BC		A3E							299	D	11	
J	TOKYO	13020.000	10	12	0044			CHINA N.R.		BC		A3E									11	
J	TOKYO	13020.000	17	12	1044					BC		A3E										
J	TOKYO	13020.000	24	12	0847				CHN	BC		A3E	119	E	20	26	N	31	250	B		
J	TOKYO	13036.800	09	10	0517				RUS				137	E	02	50	N	29	352	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13036.900	03	12	0220				RUS				136	E	56	50	N	15	351	B		
J	TOKYO	13039.900	11	11	0906							J2B							296	B		
J	TOKYO	13039.950	24	12	0853				KRE			J2B	125	E	32	39	N	51	295	B		
J	TOKYO	13040.000	01	10	0654				KRE				125	E	43	40	N	23	297	A		
J	TOKYO	13040.000	26	11	0507				KRE				126	E	49	40	N	15	298	B		
I	ROMA	13059.400	07	11	0859		28.0			FX	3K00E	G1D							266	A		STANAG 4285
F	RAMBOUILLET	13059.550	09	10	1000	1800	20.0				2K80E	J7B								A	9	STANAG 4285
I	ROMA	13064.000	07	11	0904		23.0	1EB41EB2952	RUS	FX	250HE	F1B							71	A		50 BD
F	RAMBOUILLET	13064.200	09	10	0600	1800	18.0				500HE	F1B								A	9	50 BAUDS
J	TOKYO	13068.000	01	10	0702							F1B							352	D		
J	TOKYO	13068.000	09	10	0528							F1B							351	D		
J	TOKYO	13068.000	16	10	0214				RUS			F1B	136	E	57	50	N	38	352	A		
J	TOKYO	13068.000	29	10	0046							F1B							352	D		
J	TOKYO	13068.000	11	11	0907				RUS			J2B	137	E	10	50	N	38	352	B		
J	TOKYO	13068.000	19	11	0705							F1B							350	D		
J	TOKYO	13068.000	26	11	0513				RUS			F1B	136	E	50	50	N	36	351	B		
J	TOKYO	13068.000	10	12	0047							F1B							352	D		
J	TOKYO	13068.000	24	12	0854				RUS			F1B	136	E	54	50	N	24	352	B		
J	TOKYO	13068.010	03	12	0233				RUS			F1B	137	E	16	50	N	27	353	A		
KOR	CRMS	13070.000	25	10	0817	0817	21.7		CHN	BC	14K9	A3E									6	
KOR	CRMS	13070.000	14	11	0623	0623	15.4		CHN	BC	15K0	A3E									11	
KOR	CRMS	13070.000	23	12	0005	0504	504.0	23.23			15K0	A3E									11	
J	TOKYO	13070.130	01	10	0703			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13070.130	09	10	0529			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13070.130	29	10	0047			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13070.130	11	11	0911			SOUND OF HOPE		BC		A3E	120	E	43	23	N	26	240	B	11	TAIWAN
J	TOKYO	13070.130	19	11	0706			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13070.140	16	10	0216			SOUND OF HOPE		BC		A3E	121	E	11	24	N	27	240	B	11	TAIWAN
J	TOKYO	13070.140	06	11	1115			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	13070.140	26	11	0514			SOUND OF HOPE		BC		A3E	120	E	52	24	N	30	242	B	11	TAIWAN
J	TOKYO	13070.140	03	12	0234			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13070.150	10	12	0047			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13070.150	17	12	1046			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13070.150	24	12	0857			SOUND OF HOPE		BC		A3E	121	E	02	23	N	40	240	B	11	TAIWAN
J	TOKYO	13074.000	29	10	0049							F3C										
J	TOKYO	13099.800	26	11	0515				KRE				130	E	00	42	N	25	313	B		
J	TOKYO	13099.900	11	11	0913				KRE				129	E	57	42	N	20	313	B		
J	TOKYO	13099.990	19	11	0709														247	D		
HNG	TARNOK	13122.000	06	10	0432	0439	32.5				16K0E	F0N										OTHR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13159.810	03	12	0235			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.820	09	10	0529			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13159.820	11	11	0915			SOUND OF HOPE		BC		A3E	120	E	04	24	N	59	242	B	11	TAIWAN
J	TOKYO	13159.830	29	10	0053			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13159.830	19	11	0715			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.830	26	11	0523			SOUND OF HOPE		BC		A3E	121	E	18	25	N	11	242	B	11	TAIWAN
J	TOKYO	13159.830	10	12	0056			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.840	24	12	0858			SOUND OF HOPE		BC		A3E	121	E	27	25	N	22	243	B	11	TAIWAN
J	TOKYO	13159.850	06	11	1117			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13159.850	17	12	1049			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	13160.000	04	10	0742	0742	-0.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	13160.000	12	11	0146	0146	18.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	13160.000	03	12	0007	0721	721.0	-10.06			14K9	A3E									11	
J	TOKYO	13180.600	26	11	0520				KRE			J2B	117	E	19	37	N	03	282	B		
J	TOKYO	13199.800	26	11	0525				KRE			J2B	125	E	55	40	N	18	297	B		
J	TOKYO	13199.950	11	11	0917				KRE				126	E	14	39	N	58	296	B		
J	TOKYO	13199.950	24	12	0900				KRE			J2B	125	E	48	40	N	06	296	B		
J	TOKYO	13200.000	01	10	0705				KRE				125	E	55	39	N	37	294	B		
J	TOKYO	13200.000	09	10	0531														294	D		
J	TOKYO	13200.000	03	12	0236				KRE				125	E	49	40	N	20	242	B		
J	TOKYO	13225.990	19	11	0718				USA			F3C	158	W	04	20	N	55	87	A		HWA
J	TOKYO	13226.000	11	11	0919			KVM70				F3C	157	W	20	20	N	50	87	B		
HNG	TARNOK	13264.000	08	10	1020	1800	19.5	SHANNON VOLMET	IRL	SM	2K70E	J3E										USB
I	ROMA	13264.000	25	10	0823		24.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							312	A		
I	ROMA	13264.000	07	11	0906		25.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							311	A		
F	RAMBOUILLET	13265.000	17	10	0850	1800	54.0				3K00E	J3E								A	9	ATIS AERONAUTIQUE
J	TOKYO	13270.000	11	11	0923			HATYAI		FA		J2D										
J	TOKYO	13270.000	03	12	0241			HATYAI		FA		J2D										
J	TOKYO	13270.000	24	12	0907			HATYAI		FA		J2D										
I	ROMA	13282.000	18	10	0454		2.0	VOLMET		FA	2K70E	J3E										
J	TOKYO	13282.000	11	11	0923							J3E										
J	TOKYO	13282.000	19	11	0719			HONGKONG				J3E										
J	TOKYO	13285.000	09	10	0532							J3E							291	D		
J	TOKYO	13285.000	11	11	0926							J3E										
J	TOKYO	13285.000	26	11	0527				CHN			J3E	116	E	41	39	N	48	290	B		
I	ROMA	13312.000	18	10	0703		21.0	ISOLE CANARIE	E	MA	2K70E	J3E							246	A		HFDL TRAFFIC
J	TOKYO	13312.000	11	11	0930			GUAM		FA		J2D										
HNG	TARNOK	13321.000	08	10	1502	1521	14.2				20K0E	F0N										OTHR
J	TOKYO	13324.000	01	10	0706			MOLOKAI		FA		J2D										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13351.000	01	10	0712			AUCKLAND		FA		J2D										
I	ROMA	13351.000	18	10	0513		2.0	005 AUCKLAND	NZL	MA	3K10E	J2D							91	A		HFDL 1800 BD
J	TOKYO	13351.000	11	11	0931			AUCKLAND		FA		J2D										
J	TOKYO	13362.000	17	12	1054							F1B							314	D		
J	TOKYO	13373.300	09	10	0539														248	D		
HNG	TARNOK	13411.800	10	10	0000	0430	20.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	13412.000	10	10	0550	1830	37.6				2K80E	H1D										USB
I	ROMA	13413.400	25	10	0820		31.0		F	FX	3K00E	G1D							304	A		STANAG 4285
F	RAMBOUILLET	13413.500	22	10	0820	1500	52.0				3K00E	J3E								A	9	
I	ROMA	13419.800	07	11	0908		42.0		F	FX	900HE	F1B							283	A		50 BD
HNG	TARNOK	13419.810	10	10	0550	1830	38.3				1K10	F1B										50BD, 650HZ
I	ROMA	13422.000	07	11	0909		12.0			FX	300HE	F1B							41	A		50 BD
F	RAMBOUILLET	13430.700	22	10	0800	1500	49.0				3K00E	J3E								A	9	
HNG	TARNOK	13432.000	10	10	0630	1742	39.4				300HE	F1B										50BD, 250HZ
I	ROMA	13432.000	25	10	0813		24.0			FX	600HE	F1B							42	A		
J	TOKYO	13437.000	01	10	0715							F1B							348	C		
J	TOKYO	13437.000	29	10	0106							F1B							351	D		
J	TOKYO	13437.000	10	12	0059							F1B							317	D		
KOR	CRMS	13470.000	27	11	0027	0027	29.2		CHN	BC	15K0	A3E										11
KOR	CRMS	13470.000	02	12	0000	0040	40.0	20.57			14K9	A3E										11
J	TOKYO	13470.040	11	11	0937			SOUND OF HOPE		BC		A3E	121	E	05	23	N	40	240	B	11	TAIWAN
J	TOKYO	13470.050	01	10	0715			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13470.050	09	10	0539			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13470.050	19	11	0727			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13470.050	03	12	0243			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13470.060	10	12	0104			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13470.060	17	12	1055			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13470.060	24	12	0908			SOUND OF HOPE		BC		A3E									11	
HNG	TARNOK	13488.000	10	10	0405	0550	30.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	13488.000	10	10	0900	1830	43.1				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	13488.000	22	10	0600	1500	29.0				3K00E	J3E								A	9	
I	ROMA	13488.000	07	11	0911		28.0			FX	3K00E	G1D							352	A		STANAG 4285
J	TOKYO	13494.930	01	10	0717			SOUND OF HOPE		BC		A3E	120	E	28	23	N	22	240	B	11	TAIWAN
J	TOKYO	13494.930	09	10	0540			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13494.930	06	11	1120			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13494.930	11	11	0939			SOUND OF HOPE		BC		A3E	120	E	27	22	N	53	239	B	11	TAIWAN
J	TOKYO	13494.950	26	11	0530			SOUND OF HOPE		BC		A3E	120	E	55	23	N	46	240	B	11	TAIWAN
J	TOKYO	13494.950	03	12	0244			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13494.960	10	12	0105			SOUND OF HOPE		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13494.960	17	12	1057			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13494.960	24	12	0909			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13528.200	28	10	2347			F				A1A	131	E	50	44	N	09	325	B		
J	TOKYO	13528.200	19	11	0605			F				A1A							322	B		
J	TOKYO	13528.270	19	11	0606			K				A1A							29	C		
J	TOKYO	13528.300	01	10	0602			K				A1A										
J	TOKYO	13528.300	09	10	0415			K				A1A										
J	TOKYO	13528.300	16	10	0131			K				A1A							30	C		
J	TOKYO	13528.300	28	10	2347			K				A1A	158	E	45	53	N	08	30	B		
J	TOKYO	13528.300	03	12	0132			K				A1A							32	D		
J	TOKYO	13528.400	09	10	0416			M				A1A	137	E	18	50	N	25	352	B		
J	TOKYO	13528.400	16	10	0132			M				A1A							0	D		
J	TOKYO	13528.400	28	10	2347			M				A1A	137	E	19	50	N	30	352	B		
J	TOKYO	13529.990	28	10	2351			CHINA N.R.		BC		A3E	126	E	52	45	N	31	320	B	11	
J	TOKYO	13529.990	03	12	0135					BC		A3E										
KOR	CRMS	13530.000	04	10	0742	0742	23.3		CHN	BC	14K5	A3E									11	
J	TOKYO	13530.000	09	10	0417			CHINA N.R.		BC		A3E	119	E	14	26	N	38	250	B	11	
KOR	CRMS	13530.000	14	10	0419	0419	26.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	13530.000	01	11	0627	0627	16.4		CHN	BC	14K5	A3E									11	
KOR	CRMS	13530.000	12	11	0146	0146	41.2		CHN	BC	13K9	A3E									11	
J	TOKYO	13530.000	26	11	0415					BC		A3E							300	D		
KOR	CRMS	13530.000	02	12	0000	0040	40.0	41.23			14K9	A3E									11	
KOR	CRMS	13530.000	03	12	0007	0721	721.0	5.54			14K5	A3E									11	
J	TOKYO	13530.030	01	10	0605			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13530.040	16	10	0132					BC		A3E							243	D		
J	TOKYO	13530.060	19	11	0607			SOUND OF HOPE		BC		A3E	120	E	59	23	N	52	241	B	11	TAIWAN
J	TOKYO	13530.070	06	11	1000			SOUND OF HOPE		BC		A3E	121	E	40	25	N	05	240	A	11	TAIWAN
J	TOKYO	13530.080	17	12	1001			CHINA N.R.		BC		A3E							246	C	11	
F	RAMBOUILLET	13541.100	23	10	0600	1655	18.0				100HE	A1AA-								A	9	
J	TOKYO	13549.940	16	10	0133			SOUND OF HOPE		BC		A3E	120	E	21	23	N	10	240	B	11	TAIWAN
J	TOKYO	13549.950	01	10	0612			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13549.950	19	11	0607			SOUND OF HOPE		BC		A3E	120	E	59	23	N	52	241	B	11	TAIWAN
J	TOKYO	13549.950	26	11	0418			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13549.960	09	10	0418			SOUND OF HOPE		BC		A3E	120	E	43	23	N	30	240	B	11	TAIWAN
J	TOKYO	13549.960	06	11	1002			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13549.970	03	12	0140			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13549.980	17	12	1003			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13549.980	24	12	0743			SOUND OF HOPE		BC		A3E	121	E	04	24	N	02	240	A	11	TAIWAN
J	TOKYO	13558.000	26	11	0420				RUS			F1B	137	E	04	50	N	25	352	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13559.990	09	10	0420				KOR			F3C	128	E	10	36	N	18	272	B		
F	RAMBOUILLET	13560.100	23	10	0600	1800	30.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	13560.250	26	11	0429				CHN				118	E	42	31	N	58	266	A		
HNG	TARNOK	13563.000	10	10	0437	0448	35.7				12K0E	F0N										OTHR
J	TOKYO	13570.000	09	10	0431			HLL2				F3C	127	E	56	36	N	01	275	B		
J	TOKYO	13570.000	16	10	0134			HLL2				F3C	128	E	02	36	N	09	277	A		
KOR	CRMS	13570.000	29	10	0625	0625	40.9		CHN	BC	14K7	A3E									6	
J	TOKYO	13570.000	06	11	1006			HLL2				F3C	128	E	08	36	N	22	278	A		
KOR	CRMS	13570.000	13	11	0010	0010	14.5		CHN	BC	14K9	A3E									6	
J	TOKYO	13570.000	19	11	0610							F3C							275	B		
KOR	CRMS	13570.000	05	12	0004	0427	427.0	13.01			14K8	A3E									6	
J	TOKYO	13570.000	24	12	0747			HLL2				F3C	128	E	21	36	N	18	275	A		
F	RAMBOUILLET	13575.000	14	10	1200	1300	48.0	CRI	CHN		10K0	A3EG								A		
ROU	BELCIUGATELE	13575.000	21	10	1245	1315	69.2	China Radio International	CHN	BC	9K00	A3E							70	A		Russian language
J	TOKYO	13578.030	01	10	0618							F1B							326	D		
I	ROMA	13580.000	22	10	1008		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
KOR	CRMS	13590.000	14	10	0419	0419	53.6		CHN	BC	12K2	A3E									11	
I	ROMA	13590.000	22	10	1010		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							51	A		
KOR	CRMS	13590.000	07	11	0418	0418	31.3		CHN	BC	13K0	A3E									6	
I	ROMA	13590.000	20	11	1006		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							51	A		
J	TOKYO	13590.000	12	12	0300			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	13590.000	16	12	0000	2400	61.0	VOA DEEWA RADIO	D	BC	9K00	A3E							301	A		Pashto language
F	RAMBOUILLET	13600.000	14	10	1200	1500	29.0	CRI	CHN		10K0	A3EG								A		
ROU	BELCIUGATELE	13600.000	15	10	1250	1320	65.9	China Radio International	CHN	BC	9K00	A3E							70	A		Russian language
G	BALDOCK	13605.000	04	10	1700	1709		R. MARTI	USA	BC	9K00E	A3E							285	B		
I	ROMA	13605.000	15	10	1810		19.0	R.MARTI	USA	BC	9K00E	A3E										
J	TOKYO	13609.990	01	10	0622			SOUND OF HOPE		BC		A3E									11	
I	ROMA	13610.000	10	10	0737		65.0	KOREAN BROADCASTING	G	BC	9K00E	A3E							320	A		
ROU	BELCIUGATELE	13610.000	25	10	0740	0810	67.1	KBS World Radio	G	BC	9K00	A3E							303	A		Korean language
I	ROMA	13610.000	13	11	1013		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							69	A		
I	ROMA	13610.000	20	11	1008		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							69	A		
I	ROMA	13610.000	03	12	0839		26.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							69	A		
I	ROMA	13630.000	15	10	1810		37.0	BBC	MDG	BC	9K00E	A3E										
I	ROMA	13630.000	30	10	0724		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							69	A		
I	ROMA	13630.000	05	11	0922		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							69	A		
KOR	CRMS	13630.000	18	11	0428	0428	14.7	CNR	CHN	BC	14K9	A3E									3	
I	ROMA	13630.000	20	11	1010		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							69	A		
KOR	CRMS	13630.000	12	12	0004	0441	441.0	25.03	E		14K0	A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	13635.000	06	10	0800	0808		VOICE OF TURKEY	TUR	BC	9K00E	A3E							104	B		
I	ROMA	13635.000	10	10	0739		44.0	TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
F	RAMBOUILLET	13635.000	14	10	0600	1300	46.0	VOICE OF TURKEY	TUR		10K0	A3EG								A		
I	ROMA	13635.000	22	10	1013		44.0	TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
ROU	BELCIUGATELE	13635.000	22	10	1020	1050	67.4	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Turkish language
ROU	BELCIUGATELE	13635.000	19	12	0000	2400	88.4	Voice of Turkey	TUR	BC	9K00	A3E							136	A		English language
J	TOKYO	13637.500	29	10	0015			XSG		FC		F1B							258	D		
KOR	CRMS	13640.000	08	10	0659	0659	-5.6		CHN	BC	15K0	A3E									6	
KOR	CRMS	13640.000	25	10	0820	0820	40.4		CHN	BC	14K7	A3E									6	
KOR	CRMS	13640.000	13	11	0010	0010	18.4		CHN	BC	15K0	A3E									6	
KOR	CRMS	13640.000	02	12	0000	0041	41.0	52.02			14K4	A3E									6	
J	TOKYO	13640.010	24	10	2200			CHINA R.I.	CHN	BC		A3E										
I	ROMA	13645.000	15	10	1810		22.0	CHINA RADIO INTERNAT	MLI	BC	9K00E	A3E										
HNG	TARNOK	13649.986	12	10	1500	1800	52.1	WRN	UAE	BC	10K6	A3E										
KOR	CRMS	13650.000	14	10	0420	0420	20.0	KCB	KRE	BC	14K8	A3E									6	
I	ROMA	13650.000	30	10	0726		20.0	TDF (FRANCE)	F	BC	10K0E	A3E							307	A		
I	ROMA	13650.000	05	11	0925		23.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							59	A		
ROU	BELCIUGATELE	13650.000	19	11	0816	0852	56.5	China Radio International	CHN	BC	10K0	A3E							71	A		Xianyang Chinese language
I	ROMA	13650.000	03	12	0843		40.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							59	A		
KOR	CRMS	13650.000	16	12	0004	0437	437.0	57.88			12K5	A3E									3	
HNG	TARNOK	13650.001	12	10	1258	1357	38.5	CRI	CHN	BC	7K94	A3E										
HNG	TARNOK	13655.000	12	10	0830	0854	62.6	TRT	TUR	BC	10K0E	A3E										
F	RAMBOUILLET	13655.000	15	10	0830	0900	56.0	VOICE OF TURKEY	TUR		10K0	A3EG								A		
J	TOKYO	13655.010	24	10	0000			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	13660.000	06	10	0805	0812		CHINA R INT	CHN	BC	9K00E	A3E							32	C		
KOR	CRMS	13660.000	08	10	0659	0659	16.6		CHN	BC	12K9	A3E									6	
F	RAMBOUILLET	13660.000	15	10	0700	0800	22.0	CRI	CHN		10K0	A3EG								A		
I	ROMA	13660.000	15	10	1810		21.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	13660.000	28	11	1205	1235	55.4	R. Free Asia	TJK	BC	9K00	A3E							69	A		Tibetan language
HNG	TARNOK	13660.002	12	10	0700	0730	50.9	RFI	F	BC	6K93	A3E										
HNG	TARNOK	13660.002	12	10	1730	1830	58.2	CRI	CHN	BC	8K37	A3E										
HNG	TARNOK	13660.003	12	10	1500	1527	52.4	RRO	ROU	BC	10K3	A3E										
HNG	TARNOK	13669.999	12	10	0525	0600	16.6			BC	11K4	A3E										
G	BALDOCK	13670.000	06	10	0805	0814		PBS XINJIANG	CHN	BC	9K00E	A3E							245	B		LONG
G	BALDOCK	13670.000	07	10	1935	1940		W CHRISTIAN AFRICA	MDG	BC	9K00E	A3E							138	B		
F	RAMBOUILLET	13670.000	15	10	0700	1400	18.0	PBS XINJIANG	CHN		10K0	A3EG								A		
I	ROMA	13670.000	15	10	1810		29.0	WORLD CHRISTIAN BROA	MDG	BC	9K00E	A3E										
KOR	CRMS	13670.000	28	10	0506	0506	26.8		CHN	BC	14K9	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	13670.000	13	11	0011	0011	22.4		CHN	BC	15K0	A3E									6	
KOR	CRMS	13670.000	20	11	0033	0033	32.5		CHN	BC	14K8	A3E									6	
KOR	CRMS	13670.000	04	12	0000	0027	27.0	12.39			13K9	A3E									6	
HNG	TARNOK	13670.002	12	10	1258	1400	61.6	CRI	CHN	BC	8K63	A3E										
HNG	TARNOK	13670.002	12	10	1600	1630	39.1	VOA	THA	BC	10K7	A3E										
HNG	TARNOK	13670.004	12	10	1900	2000	54.0	MWV	MDG	BC	10K1	A3E										
HNG	TARNOK	13679.997	12	10	1600	1700	38.4			BC	10K2	A3E										
KOR	CRMS	13680.000	14	11	0624	0624	31.7		CHN	BC	14K8	A3E									6	
KOR	CRMS	13680.000	04	12	0000	0028	28.0	11.57			14K6	A3E									6	
G	BALDOCK	13685.000	06	10	0810	0815		VOICE OF TURKEY	TUR	BC	9K00E	A3E							110	B		
G	BALDOCK	13685.000	07	10	1935	1942		CHINA RADIO INT	MLI	BC	9K00E	A3E							191	B		
I	ROMA	13685.000	10	10	0742		24.0	TURKISH RADIO	TUR	BC	9K00E	A3E							92	A		
F	RAMBOUILLET	13685.000	15	10	0700	0800	32.0	VOICE OF TURKEY	TUR		10K0	A3EG -								A		
I	ROMA	13685.000	15	10	1830		27.0	CHINA RADIO INTERNAT	MLI	BC	9K00E	A3E										
ROU	BELCIUGATELE	13685.000	16	10	0720	0756	67.4	Voice of Turkey	TUR	BC	10K0	A3E							137	A		Emirler Turkish language
HNG	TARNOK	13685.004	12	10	1908	1927	55.7	CRI	MLI	BC	10K2	A3E										
HNG	TARNOK	13685.010	12	10	0700	0755	52.4	TRT	TUR	BC	9K86	A3E										
I	ROMA	13690.000	10	10	0745		37.0	RADIO NEW ZEALAND	NZL	BC	10K0E	A3E							81	A		
F	RAMBOUILLET	13690.000	15	10	0700	1300	24.0				10K0	A3EG -								A		
ROU	BELCIUGATELE	13690.000	16	10	0807	0833	36.6			BC	6K70	A3E							352	A		English language
I	ROMA	13690.000	22	10	1015		28.0	RADIO NEW ZEALAND	NZL	BC	10K0E	A3E							81	A		
G	BALDOCK	13695.000	06	10	0810	0819		R FRANCE INT	F	BC	9K00E	A3E							160	B		
I	ROMA	13695.000	15	10	0704		44.0	R.FRANCE INTERNATIONAL	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	13695.000	16	10	0723	0800	53.7	Radio France International	F	BC	9K00	A3E							289	A		Issoudun French language
I	ROMA	13695.000	24	10	0737		44.0	R.FRANCE INTERNATIONAL	F	BC	9K00E	A3E							307	A		
HNG	TARNOK	13695.003	12	10	0700	0800	45.2	RFI	F	BC	9K71	A3E										
HNG	TARNOK	13695.004	12	10	0530	0600	29.2	RFI	F	BC	9K41	A3E										
I	ROMA	13700.000	15	10	1810		33.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
ROU	BELCIUGATELE	13700.000	16	10	0813	0835	36.3	CNR 13	CHN	BC	4K36	A3E							63	A		Lingshi Uyghur language
I	ROMA	13700.000	13	11	1016		27.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
I	ROMA	13700.000	20	11	1013		21.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
ROU	BELCIUGATELE	13700.000	04	12	0000	2400	43.6	CNR 13	CHN	BC	9K00	A3E							62	A		Uyghur language
HNG	TARNOK	13700.003	12	10	1800	1857	61.9	CRI	CHN	BC	10K6	A3E										
G	BALDOCK	13710.000	04	10	1705	1712		R CHINA INT	CHN	BC	9K00E	A3E							65	B		
I	ROMA	13710.000	15	10	1810		43.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	13710.000	16	10	1400	1655	64.0	CRI			10K0E	A3EG -								A	3	
ROU	BELCIUGATELE	13720.000	15	10	1320	1350	80.3	R. Free Asia	TJK	BC	9K00	A3E							84	A		Tibetan language
F	RAMBOUILLET	13720.000	16	10	1300	1400	44.0	RADIO FREE ASIA	TJK		10K0E	A3EG -								A	3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	13720.000	12	12	1340	1500	82.0	China Radio International		BC	9K00	A3E							82	A		French language
G	BALDOCK	13730.000	06	10	0815	0821		XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							40	C		
F	RAMBOUILLET	13730.000	16	10	0900	1000	53.0	CRI	CHN		10K0	A3EG								A		
J	TOKYO	13730.000	03	12	0152					BC		D7W							261	D		
J	TOKYO	13750.000	24	10	0000			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	13750.000	04	12	0000	0028	28.0	10.050000000000001			14K5	A3E									6	
I	ROMA	13755.000	30	10	0731		34.0	USAGM	THA	BC	9K00E	A3E							77	A		
I	ROMA	13755.000	05	11	0929		37.0	USAGM	THA	BC	9K00E	A3E							76	A		
I	ROMA	13755.000	13	11	1018		27.0	USAGM	THA	BC	9K00E	A3E							76	A		
I	ROMA	13755.000	20	11	1015		36.0	USAGM	THA	BC	9K00E	A3E							76	A		
ROU	BELCIUGATELE	13755.000	28	11	1205	1235	55.4	R. New Zealand	NZL	BC	9K00	A3E							83	A		English language
I	ROMA	13755.000	03	12	0847		30.0	USAGM	THA	BC	9K00E	A3E							76	A		
G	BALDOCK	13760.000	04	10	1710	1715		R CHINA INT	CHN	BC	9K00E	A3E							73	B		
I	ROMA	13760.000	15	10	1810		25.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
KOR	CRMS	13760.000	21	10	0430	0430	37.6	KCB	KRE	BC	14K8	A3E									11	
KOR	CRMS	13760.000	21	11	0526	0526	45.9	KCB	KRE	BC	14K8	A3E									3	
KOR	CRMS	13760.000	05	12	0004	0430	430.0	-3.02			15K0	A3E									3	
G	BALDOCK	13770.000	06	10	0815	0823		CRN 7 R GREAT BAY	CHN	BC	9K00E	A3E							73	C		
ROU	BELCIUGATELE	13770.000	16	10	0809	0850	39.9	CNR 7 Radio the Great Bay	CHN	BC	9K00	A3E							83	A		Kashi-saibagh Cantonese language
F	RAMBOUILLET	13770.000	17	10	0600	1800	18.0	CNR 7			10K0E	A3EG								A	3	
I	ROMA	13770.000	13	11	1020		22.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	13770.000	20	11	0759	0826	38.4	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Chinese language
ROU	BELCIUGATELE	13770.000	25	11	1150	1220	56.1	CNR 7 Radio The Great Bay	CHN	BC	9K00	A3E							83	A		Cantonese language
I	ROMA	13770.000	10	12	1004		32.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							70	A		
KOR	CRMS	13790.000	04	10	0744	0744	17.7		CHN	BC	11K2	A3E									11	
G	BALDOCK	13790.000	04	10	1710	1718		CHINA INT RADIO	CHN	BC	9K00E	A3E							71	B		
G	BALDOCK	13790.000	06	10	0820	0825		XI WANG ZHI SHIENG	CHN	BC	9K00E	A3E							268	C		LONG
KOR	CRMS	13790.000	25	10	0821	0821	45.4		CHN	BC	13K6	A3E									11	
KOR	CRMS	13790.000	04	11	0705	0705	7.0		CHN	BC	13K8	A3E									6	
KOR	CRMS	13790.000	13	11	0012	0012	14.4		CHN	BC	15K0	A3E									6	
ROU	BELCIUGATELE	13790.000	27	11	1340	1410	72.5	China Radio International	CHN	BC	9K00	A3E							70	A		English language
ROU	BELCIUGATELE	13790.000	27	11	1350	1420	61.4	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							72	A		Chinese language
KOR	CRMS	13790.000	03	12	0007	0723	723.0	21.18			14K9	A3E									6	
ROU	BELCIUGATELE	13790.000	12	12	1330	1505	80.1	China Radio International		BC	9K00	A3E							69	A		English language
G	BALDOCK	13800.000	07	10	1940	1947		TWR AFRICA	SWZ	BC	9K00E	A3E							154	B		
I	ROMA	13800.000	15	10	1810		37.0	TWR AFRICA	SWZ	BC	9K00E	A3E										
F	RAMBOUILLET	13800.000	18	10	0900	1000	46.0	CRI	CHN		10K0E	A3EG								A	3	
KOR	CRMS	13805.000	21	10	0431	0431	41.4		CHN	BC	14K1	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	13805.000	04	11	0706	0706	7.5		CHN	BC	14K2	A3E									6	
KOR	CRMS	13805.000	13	11	0012	0012	27.9		CHN	BC	14K8	A3E									6	
KOR	CRMS	13805.000	02	12	0000	0043	43.0	39.1			14K5	A3E									6	
G	BALDOCK	13810.000	07	10	1940	1949		CNR	CHN	BC	9K00E	A3E							73	B		
HNG	TARNOK	13810.000	14	10	0600	0629	51.4	BBC	G	BC	7K14	A3E										
HNG	TARNOK	13810.000	14	10	1200	1400	36.1	CRI	CHN	BC	10K6	A3E										
HNG	TARNOK	13810.000	14	10	1800	1957	58.5	CRI	CHN	BC	9K19	A3E										
I	ROMA	13810.000	15	10	1810		20.0		CHN	BC	9K00E	A3E										
G	BALDOCK	13820.000	04	10	1715	1720		VOA DEEWA RADIO	KWT	BC	9K00E	A3E							105	B		
J	TOKYO	13825.000	09	10	0434			CHINA N.R.		BC		D7W	116	E	11	39	N	49	290	B		
HNG	TARNOK	13825.000	14	10	1200	1300	38.0	MIZZIMA RADIO	UZB	BC	11K0	A3E										
J	TOKYO	13825.000	11	11	0755			CHINA N.R.		BC		D7W										
I	ROMA	13825.000	13	11	1023		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							61	A		
I	ROMA	13825.000	20	11	1019		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							61	A		
J	TOKYO	13825.000	03	12	0206				CHN	BC		D7W	115	E	31	40	N	13	291	A		
I	ROMA	13825.000	10	12	1008		30.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							61	A		
J	TOKYO	13825.000	24	12	0753					BC		D7W							289	C		
J	TOKYO	13825.200	26	11	0436			CHINA N.R.		BC		D7W							289	D		
J	TOKYO	13825.300	16	10	0145			CHINA N.R.		BC		D7W							289	D		
G	BALDOCK	13830.000	04	10	1715	1721		VATICAN RADIO	MDG	BC	9K00E	A3E							135	B		
HNG	TARNOK	13830.000	14	10	1600	1800	59.8	VAT	MDG	BC	9K10	A3E										
HNG	TARNOK	13830.000	14	10	1827	1832	30.9				16K0E	F0N										OTHR
ROU	BELCIUGATELE	13830.000	16	12	0000	2400	72.8	Vatican Radio	CVA	BC	9K00	A3E							264	A		Amharic language
G	BALDOCK	13840.000	06	10	0820	0827		XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							221	C		LONG
G	BALDOCK	13845.000	04	10	1715	1723		WWCR OVERCOMER MINIS	USA	BC	9K00E	A3E							291	B		
I	ROMA	13850.000	10	12	1010		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							51	A		
HNG	TARNOK	13852.000	14	10	1440	1510	46.4				16K0E	F0N										OTHR
HNG	TARNOK	13855.000	14	10	1000	1200	49.9	BBC	G	BC	11K6	A3E										
G	BALDOCK	13860.000	06	10	0825	0832		NHK WORLD R JAPAN	J	BC	9K00E	A3E							281	C		LONG
HNG	TARNOK	13860.000	14	10	1500	1600	57.3	CRI	CHN	BC	9K18	A3E										
I	ROMA	13860.000	15	10	0707		20.0	NIPPON HOSO KYOKAI	J	BC	9K00E	A3E							40	A		
F	RAMBOUILLET	13860.000	18	10	1100	1200	57.0	CRI	CHN		10K0E	A3EG								A	3	
ROU	BELCIUGATELE	13860.000	22	10	1115	1145	60.4	China Radio International	CHN	BC	9K00	A3E							62	A		Russian language
I	ROMA	13860.000	24	10	0741		21.0	NIPPON HOSO KYOKAI	J	BC	9K00E	A3E							40	A		
HNG	TARNOK	13865.000	14	10	1827	1832	36.5				16K0E	F0N										OTHR
J	TOKYO	13869.690	09	10	0436				KRE	BC		A3E	126	E	23	39	N	49	295	B		
HNG	TARNOK	13870.000	14	10	1419	1430	44.2				16K0E	F0N										OTHR
HNG	TARNOK	13870.000	14	10	1630	1727	55.8	CRI	CHN	BC	9K18	A3E										
F	RAMBOUILLET	13870.000	18	10	0640	0730	30.0				3K00E	J7B								A	9	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	13870.000	24	10	0600	1515	30.0				500HE	F1B								A	9	50 BAUDS
J	TOKYO	13870.000	26	11	0446														57	D		
ROU	BELCIUGATELE	13870.000	28	11	1215	1245	62.3	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							68	A		Chinese language
J	TOKYO	13870.000	09	12	2347				USA			F1B	118	W	30	34	N	04	56	B		
KOR	CRMS	13870.000	23	12	0005	0507	507.0	25.39			15K0	A3E									6	
HNG	TARNOK	13870.002	16	10	1630	1727	58.9	CRI	CHN	BC	8K22	A3E										
HNG	TARNOK	13875.000	14	10	0551	0556	39.2				16K0E	F0N										OTHR
J	TOKYO	13879.990	17	12	1020							F1B										
HNG	TARNOK	13882.500	16	10	0705	1800	49.7	DDK6	D	SM	1K10E	F1C										WEATHER FAX
I	ROMA	13882.500	25	10	0744		54.0	DDK6	D	SM	1K50E	F1C							350	A		FAX 120 RPM
I	ROMA	13882.500	07	11	0915		42.0	DDK6	D	SM	1K50E	F1C							350	A		FAX 120 RPM
F	RAMBOUILLET	13882.550	24	10	0600	1800	22.0				2K80E	J7B								A	9	
J	TOKYO	13889.840	09	10	0437			SOUND OF HOPE		BC		A3E	121	E	15	24	N	02	240	B	11	TAIWAN
J	TOKYO	13889.840	16	10	0149			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13889.860	11	11	0757			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	13889.880	28	10	2359			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13889.880	26	11	0452			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13889.890	03	12	0214			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13889.900	06	11	1011			SOUND OF HOPE		BC		A3E	121	E	24	25	N	19	243	A	11	TAIWAN
J	TOKYO	13889.910	19	11	0617			SOUND OF HOPE		BC		A3E	120	E	59	23	N	52	241	B	11	TAIWAN
J	TOKYO	13889.920	09	12	2350			SOUND OF HOPE		BC		A3E	121	E	17	25	N	16	243	B	11	TAIWAN
J	TOKYO	13889.920	24	12	0755			SOUND OF HOPE		BC		A3E	121	E	04	24	N	02	240	A	11	TAIWAN
J	TOKYO	13889.990	17	12	1024			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	13890.000	02	10	0020	0020	-13.2		CHN	BC	15K0	A3E									11	
KOR	CRMS	13890.000	04	10	0759	0759	-14.8		CHN	BC	14K9	A3E									6	
KOR	CRMS	13890.000	01	11	0630	0630	1.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	13890.000	14	11	0625	0625	21.2		CHN	BC	15K0	A3E									11	
KOR	CRMS	13890.000	02	12	0000	0043	43.0	40.44			14K9	A3E									11	
KOR	CRMS	13890.000	03	12	0007	0725	725.0	-5.77			14K8	A3E									11	
G	BALDOCK	13899.000	06	10	0015	0018			CYP	RN	20K0E	P0N							114	A		
F	RAMBOUILLET	13902.000	24	10	0600	0700	12.0				20K0E	PXX								A	9	OTHR
J	TOKYO	13919.940	09	10	0438			SOUND OF HOPE		BC		A3E	121	E	27	25	N	03	240	B	11	TAIWAN
J	TOKYO	13919.950	11	11	0758			SOUND OF HOPE		BC		A3E	121	E	07	24	N	36	240	B	11	TAIWAN
J	TOKYO	13919.960	17	12	1026			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	13919.970	29	10	0001			SOUND OF HOPE		BC		A3E	121	E	30	24	N	56	242	B	11	TAIWAN
J	TOKYO	13919.970	26	11	0458			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13919.980	03	12	0216			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	13919.980	24	12	0759			SOUND OF HOPE		BC		A3E	121	E	04	24	N	02	240	A	11	TAIWAN
KOR	CRMS	13920.000	04	10	0759	0759	17.2		CHN	BC	14K6	A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	13920.000	14	10	0421	0421	17.2		CHN	BC	14K9	A3E									11	
ROU	BELCIUGATELE	13920.000	16	10	0820	0859	30.8	Jammer China	CHN	BC	3K90	A3E							70	A	3	Kashi Chinese language
J	TOKYO	13920.000	06	11	1014			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	13920.000	12	11	0147	0147	25.1		CHN	BC	14K8	A3E									11	
KOR	CRMS	13920.000	13	11	0012	0012	26.3		CHN	BC	14K8	A3E									11	
J	TOKYO	13920.000	19	11	0620			SOUND OF HOPE		BC		A3E	120	E	59	23	N	52	241	B	11	TAIWAN
ROU	BELCIUGATELE	13920.000	25	11	1200	1230	57.7	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							61	A		Chinese language
KOR	CRMS	13920.000	02	12	0000	0043	43.0	56.19			10K3	A3E									11	
KOR	CRMS	13920.000	03	12	0007	0725	725.0	11.97			14K4	A3E									11	
J	TOKYO	13920.000	09	12	2352				CHN	BC		A3E	119	E	22	25	N	18	246	B		
F	RAMBOUILLET	13942.500	24	10	0600	0700	18.0				20K0E	PXX								A	9	OTHR
J	TOKYO	13942.590	01	10	0627							J2D							268	D		
HNG	TARNOK	13954.000	16	10	1728	1730	47.2				18K0E	F0N										OTHR
J	TOKYO	13959.940	16	10	0152			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.950	01	10	0635			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13959.950	09	10	0439			SOUND OF HOPE		BC		A3E	121	E	30	24	N	15	240	B	11	TAIWAN
J	TOKYO	13959.960	29	10	0004			SOUND OF HOPE		BC		A3E							242	B	11	
J	TOKYO	13959.960	19	11	0621			SOUND OF HOPE		BC		A3E	120	E	52	24	N	12	240	B	11	TAIWAN
J	TOKYO	13959.960	03	12	0219			SOUND OF HOPE		BC		A3E							238	C	11	
J	TOKYO	13959.970	06	11	1015			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.970	26	11	0503			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.980	09	12	2353			SOUND OF HOPE		BC		A3E	121	E	17	23	N	57	239	B	11	TAIWAN
J	TOKYO	13959.990	24	12	0805			SOUND OF HOPE		BC		A3E	121	E	10	24	N	13	240	B	11	TAIWAN
J	TOKYO	13960.000	17	12	1028			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	13976.000	06	11	1017							F1B							323	D		
I	ROMA	13976.000	07	11	0917		18.0		RUS	FX	300HE	F1B							37	A		50 BD
J	TOKYO	13979.740	06	11	1021			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	13979.770	29	10	0005			SOUND OF HOPE		BC		A3E	106	E	55	47	N	56	307	B	11	MNG
J	TOKYO	13979.780	16	10	0153			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	13979.790	17	12	1030			SOUND OF HOPE		BC		A3E	106	E	50	48	N	15	307	A	11	MNG
J	TOKYO	13979.820	11	11	0759			SOUND OF HOPE		BC		A3E							306	C	11	
J	TOKYO	13979.820	26	11	0506			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	13979.830	09	12	2353			SOUND OF HOPE		BC		A3E	107	E	04	47	N	46	306	B	11	MNG
J	TOKYO	13979.840	03	12	0221			SOUND OF HOPE		BC		A3E									11	
I	ROMA	13985.000	25	10	0730		15.0		RUS	FX	550HE	F1B							48	A		50 BD
J	TOKYO	13985.000	11	11	0801							F1B							317	D		
J	TOKYO	13985.000	24	12	0812							F1B							317	C		
F	RAMBOUILLET	13985.100	25	10	0600	1800	30.0				500HE	F1B								A	9	50 BAUDS
I	ROMA	13988.500	08	11	1254		12.0	JMH	J	FX	1K50E	F1C							47	B		FAX 120 RPM METEO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	14076.000	28	10	0700	1900	43.0				3K00E	J7B								A	9	MFSK
G	BALDOCK	14100.000	24	10	0055	2400		4X6TU (TEL AVIV)	ISR	FX	100HE	A1A							114	A		AMATEUR RADIO
G	BALDOCK	14100.000	24	10	0057	2400		CS3B (JORGE)	POR	FX	100HE	A1A								A		AMATEUR RADIO
G	BALDOCK	14100.000	24	10	0059	2400		OA4B (LIMA)	PRU	FX	100HE	A1A							252	A		AMATEUR RADIO
G	BALDOCK	14100.000	24	10	0105	2400		YV5B (CARACAS)	VEN	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	14100.000	24	10	0112	2400		4U1UN (UN)	USA	FX	100HE	A1A							288	A		AMATEUR RADIO
G	BALDOCK	14100.000	24	10	0133	2400		ZS6DN (PRETORIA)	AFS	FX	100HE	A1A							154	A		AMATEUR RADIO
ROU	BELCIUGATELE	14192.000	01	10	1024	1239	39.8	Data	RUS	FX	1K00	J7D							342	A		Baltic Sea Data
I	ROMA	14230.000	09	10	1710		9.0	TA7**	TUR	AT	2K70E	J3E							85	A		SSTV
I	ROMA	14230.000	21	10	1748	1750	18.0	MM7***	G	AT	2K70E	J3E							320	A		SSTV
I	ROMA	14237.000	21	10	1752		21.0	SO5**	POL	AT	2K70E	J3E							25	A		
J	TOKYO	14370.000	16	10	0204			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14370.000	29	10	0006			SOUND OF HOPE		BC		A3E	120	E	49	23	N	31	239	B	11	TAIWAN
J	TOKYO	14370.000	06	11	1027			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14370.000	11	11	0807			SOUND OF HOPE		BC		A3E	120	E	58	23	N	51	240	B	11	TAIWAN
J	TOKYO	14370.000	26	11	0512			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14370.010	19	11	0625			SOUND OF HOPE		BC		A3E	120	E	52	24	N	12	240	B	11	TAIWAN
J	TOKYO	14370.020	24	12	0815			SOUND OF HOPE		BC		A3E	121	E	05	24	N	15	240	B	11	TAIWAN
J	TOKYO	14370.030	03	12	0243			SOUND OF HOPE		BC		A3E							239	D	11	
ROU	BELCIUGATELE	14386.000	01	10	0956	1013	33.2	Data	RUS	FX	3K00	J7D							30	A		Data
J	TOKYO	14404.000	06	11	1029							F1B							320	D		
HNG	TARNOK	14411.000	18	10	1558	1715	34.7				300HE	F1B										50BD,240HZ
G	BALDOCK	14411.000	19	10	0930	0940			RUS	FX	260HE	F1B							66	A		
I	ROMA	14411.000	08	11	1304		27.0	1414BEBE952	RUS	FX	300HE	F1B							39	A		50 BD T600
ROU	BELCIUGATELE	14428.000	01	10	0752	0824	40.9	Data	RUS	FX	2K30	F1B							28	A		Data
J	TOKYO	14429.860	01	10	0646			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14429.860	09	10	0452			SOUND OF HOPE		BC		A3E	120	E	55	23	N	29	240	B	11	TAIWAN
J	TOKYO	14429.870	16	10	0205			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14429.870	11	11	0809			SOUND OF HOPE		BC		A3E	120	E	58	23	N	51	240	B	11	TAIWAN
J	TOKYO	14429.880	26	11	0516			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14429.890	29	10	0012			SOUND OF HOPE		BC		A3E	120	E	49	23	N	14	240	B	11	TAIWAN
J	TOKYO	14429.890	06	11	1032			SOUND OF HOPE		BC		A3E	121	E	48	23	N	58	239	B	11	TAIWAN
J	TOKYO	14429.890	19	11	0626			SOUND OF HOPE		BC		A3E	120	E	52	24	N	12	240	B	11	TAIWAN
J	TOKYO	14429.900	03	12	0245			SOUND OF HOPE		BC		A3E							238	C	11	
J	TOKYO	14429.900	24	12	0820			SOUND OF HOPE		BC		A3E	121	E	05	24	N	15	240	B	11	TAIWAN
J	TOKYO	14429.920	09	12	2356			SOUND OF HOPE		BC		A3E	121	E	29	23	N	57	240	B	11	TAIWAN
KOR	CRMS	14430.000	07	10	0417	0417	-8.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	14430.000	13	11	0013	0013	15.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	14430.000	03	12	0007	0725	725.0	-1.89			14K8	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	14434.290	09	10	0454				USA			F1B	158	W	14	21	N	18	87	B		HWA
J	TOKYO	14434.300	26	11	0519							F1B							88	D		
J	TOKYO	14434.300	24	12	0822				USA			F1B	155	W	44	19	N	54	87	A		HWA
HNG	TARNOK	14437.000	18	10	1435	1449	39.1				16K0E	F0N										OTHR
F	RAMBOUILLET	14440.000	31	10	0940	1120	29.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	14441.200	31	10	0700	1800	22.0				500HE	F1B								A	9	
HNG	TARNOK	14467.300	18	10	1400	1735	46.0	DDH8	D	SM	500H	F1B										50BD, 450HZ,BAUDOT
I	ROMA	14467.300	11	11	0810		34.0	DDH 8	D	SM	500HE	F1B							351	A		50 BD
F	RAMBOUILLET	14467.500	04	11	0700	1800	22.0				500HE	F1B								A	9	50 BAUDS
G	BALDOCK	14468.000	19	10	0940	0950			F	FX	520HE	F1B							156	A		
J	TOKYO	14504.000	06	11	1033							F1B							321	D		
F	RAMBOUILLET	14504.250	04	11	0700	1800	20.0				500HE	F1B								A	9	50 BAUDS
J	TOKYO	14507.980	01	10	0652							F1B							319	D		
F	RAMBOUILLET	14540.000	04	11	0930	1120	29.0				20K0E	PXX								A	9	OTHR
KOR	CRMS	14560.000	06	12	0008	0824	824.0	-14.81			14K9	A3E									11	
J	TOKYO	14579.910	01	10	0654			SOUND OF HOPE		BC		A3E							273	D	11	
J	TOKYO	14579.930	09	10	0456			SOUND OF HOPE		BC		A3E	128	E	43	35	N	36	273	B	11	KOR
J	TOKYO	14579.930	16	10	0206			SOUND OF HOPE		BC		A3E	128	E	44	35	N	42	274	A	11	KOR
J	TOKYO	14579.940	11	11	0811			SOUND OF HOPE		BC		A3E							273	C	11	
J	TOKYO	14579.950	29	10	0013			SOUND OF HOPE		BC		A3E	128	E	34	35	N	12	271	B	11	KOR
J	TOKYO	14579.950	19	11	0627			SOUND OF HOPE		BC		A3E	128	E	02	36	N	40	277	B	11	KOR
J	TOKYO	14579.960	03	12	0247			SOUND OF HOPE		BC		A3E	127	E	43	35	N	20	272	A	11	KOR
J	TOKYO	14579.970	09	12	2358			SOUND OF HOPE		BC		A3E	127	E	32	35	N	25	273	B	11	KOR
J	TOKYO	14579.970	24	12	0825			SOUND OF HOPE		BC		A3E	127	E	36	35	N	48	272	B	11	KOR
KOR	CRMS	14580.000	07	10	0417	0417	-10.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	14580.000	13	11	0016	0016	15.3		CHN	BC	15K0	A3E									11	
KOR	CRMS	14580.000	09	12	0006	0600	600.0	-9.7200000000000006			15K0	A3E									11	
F	RAMBOUILLET	14581.150	05	11	0700	0930	20.0				250HE	F1B								A	9	50 BAUDS
F	RAMBOUILLET	14620.000	05	11	1113	1218	14.0				20K0E	PXX								A	9	OTHR
J	TOKYO	14634.870	26	11	0525			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14634.890	11	11	0819			SOUND OF HOPE		BC		A3E	120	E	52	24	N	07	241	B	11	TAIWAN
J	TOKYO	14634.900	19	11	0629			SOUND OF HOPE		BC		A3E	120	E	46	23	N	37	240	B	11	TAIWAN
J	TOKYO	14634.930	01	10	0658			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14634.940	09	12	2358			SOUND OF HOPE		BC		A3E	121	E	10	23	N	23	239	B	11	TAIWAN
J	TOKYO	14634.940	24	12	0826			SOUND OF HOPE		BC		A3E	120	E	54	23	N	46	240	B	11	TAIWAN
KOR	CRMS	14635.000	22	10	0615	0615	18.4		CHN	BC	14K9	A3E									6	
KOR	CRMS	14635.000	22	11	0620	0620	28.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	14635.000	02	12	0000	0044	44.0	29.95			14K7	A3E									11	
F	RAMBOUILLET	14637.400	05	11	0700	1800	22.0				250HE	F1B								A	9	50 BAUDS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	14640.000	09	10	0505				KRE			J2B	125	E	55	39	N	26	292	B		
J	TOKYO	14640.000	09	12	2359				KRE			J2B	126	E	04	40	N	05	296	B		
J	TOKYO	14643.890	03	12	0251			SOUND OF HOPE		BC		A3E	120	E	55	22	N	50	238	A	11	TAIWAN
J	TOKYO	14644.940	17	12	1038			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	14654.800	09	10	0507				KRE			J2B	126	E	17	39	N	39	293	B		
J	TOKYO	14655.000	11	11	0820							F1B							272	B		
J	TOKYO	14655.000	19	11	0637				KRE				126	E	26	40	N	03	296	B		
J	TOKYO	14655.000	26	11	0530				KRE				125	E	14	40	N	07	296	A		
J	TOKYO	14655.000	03	12	0253							F1B							323	C		
J	TOKYO	14655.000	10	12	0000				KRE				126	E	51	39	N	57	296	B		
J	TOKYO	14661.200	16	10	0207														265	D		
G	BALDOCK	14664.000	19	10	1000	1010			RUS	FX	260HE	F1B							30	A		
HNG	TARNOK	14664.000	20	10	0959	1116	45.9				300HE	F1B										50BD,200HZ
J	TOKYO	14670.000	10	12	0001				KRE				126	E	36	40	N	12	298	B		
J	TOKYO	14689.960	01	10	0659			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14689.970	09	10	0509			SOUND OF HOPE		BC		A3E	121	E	27	25	N	02	242	B	11	TAIWAN
G	BALDOCK	14690.000	19	10	0920	0930			RUS	FX	20K0E	AXX							69	A		
KOR	CRMS	14690.000	22	10	0615	0615	21.2		CHN	BC	15K0	A3E									6	
J	TOKYO	14690.000	29	10	0016			SOUND OF HOPE		BC		A3E	121	E	06	23	N	51	241	B	11	TAIWAN
KOR	CRMS	14690.000	21	11	0528	0528	20.2		CHN	BC	14K9	A3E									11	
J	TOKYO	14690.000	26	11	0533			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	14690.000	02	12	0000	0044	44.0	34.29			14K8	A3E									11	
J	TOKYO	14690.010	17	12	1040			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14690.020	10	12	0012			SOUND OF HOPE		BC		A3E	121	E	12	23	N	41	239	B	11	TAIWAN
J	TOKYO	14690.020	24	12	0827			SOUND OF HOPE		BC		A3E	120	E	54	23	N	46	240	B	11	TAIWAN
HNG	TARNOK	14693.000	20	10	0559	0759	52.1				300HE	F1B										50BD,200HZ
J	TOKYO	14706.790	06	11	1038				AUS				131	E	58	15	S	10	190	A		
HNG	TARNOK	14710.000	20	10	0528	0535	48.0				300HE	F1B										50BD,200HZ
G	BALDOCK	14724.000	19	10	1010	1020			F	FX	3K00E	G1D							169	A		
HNG	TARNOK	14724.000	20	10	0630	1828	32.3				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	14724.000	06	11	0700	1900	53.0				3K00E	J7B								A	9	
I	ROMA	14724.000	11	11	0838		27.0		F	FX	3K00	G1D							281	A		STANAG 4285
J	TOKYO	14740.100	10	12	0015				CHN				114	E	15	30	N	38	255	B		
J	TOKYO	14774.930	09	10	0510			SOUND OF HOPE		BC		A3E	121	E	34	25	N	02	242	B	11	TAIWAN
J	TOKYO	14774.930	16	10	0217			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14774.930	11	11	0821			SOUND OF HOPE		BC		A3E	120	E	52	24	N	07	241	B	11	TAIWAN
J	TOKYO	14774.950	29	10	0017			SOUND OF HOPE		BC		A3E	120	E	46	22	N	06	236	B	11	TAIWAN
J	TOKYO	14774.950	26	11	0536			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14774.960	19	11	0642			SOUND OF HOPE		BC		A3E	121	E	01	23	N	43	240	B	11	TAIWAN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	14774.980	10	12	0020			SOUND OF HOPE		BC		A3E	121	E	02	23	N	21	239	B	11	TAIWAN
J	TOKYO	14774.980	24	12	0828			SOUND OF HOPE		BC		A3E	120	E	54	23	N	46	240	B	11	TAIWAN
KOR	CRMS	14775.000	07	10	0417	0417	0.6		CHN	BC	14K8	A3E									6	
KOR	CRMS	14775.000	13	11	0016	0016	16.9		CHN	BC	15K0	A3E									11	
KOR	CRMS	14775.000	02	12	0000	0044	44.0	28.78			14K9	A3E									11	
J	TOKYO	14807.110	01	10	0706			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	14850.000	10	10	0708	0708	-11.2		CHN	BC	14K6	A3E									6	
KOR	CRMS	14850.000	13	11	0016	0016	15.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	14850.000	03	12	0007	0725	725.0	-8.51			14K7	A3E									11	
J	TOKYO	14850.290	16	10	0217			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14850.290	06	11	1041			SOUND OF HOPE		BC		A3E	121	E	34	24	N	15	239	A	11	TAIWAN
J	TOKYO	14850.290	17	12	1044			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	14850.300	01	10	0704			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14850.300	29	10	0018			SOUND OF HOPE		BC		A3E	121	E	08	23	N	49	240	B	11	TAIWAN
J	TOKYO	14850.300	11	11	0826			SOUND OF HOPE		BC		A3E	121	E	21	23	N	57	240	B	11	TAIWAN
J	TOKYO	14850.300	19	11	0645			SOUND OF HOPE		BC		A3E	121	E	01	23	N	43	240	B	11	TAIWAN
J	TOKYO	14850.300	26	11	0539			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14850.310	10	12	0021			SOUND OF HOPE		BC		A3E	120	E	48	22	N	42	238	B	11	TAIWAN
KOR	CRMS	14870.000	04	10	0800	0800	-2.8		CHN	BC	14K9	A3E									6	
KOR	CRMS	14870.000	13	11	0016	0016	18.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	14870.000	03	12	0007	0726	726.0	-7.45			14K7	A3E									11	
J	TOKYO	14870.120	09	10	0510			SOUND OF HOPE		BC		A3E	120	E	52	23	N	26	240	B	11	TAIWAN
J	TOKYO	14870.120	16	10	0219			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.120	29	10	0019			SOUND OF HOPE		BC		A3E	120	E	39	23	N	20	240	B	11	TAIWAN
J	TOKYO	14870.120	06	11	1042			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.120	11	11	0827			SOUND OF HOPE		BC		A3E	121	E	21	23	N	57	240	B	11	TAIWAN
J	TOKYO	14870.120	19	11	0647			SOUND OF HOPE		BC		A3E	121	E	01	23	N	43	240	B	11	TAIWAN
J	TOKYO	14870.120	26	11	0541			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14870.120	10	12	0021			SOUND OF HOPE		BC		A3E	121	E	05	23	N	44	240	B	11	TAIWAN
J	TOKYO	14870.120	17	12	1047			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	14870.120	24	12	0830			SOUND OF HOPE		BC		A3E	120	E	54	23	N	46	240	B	11	TAIWAN
J	TOKYO	14887.390	26	11	0544							F3C							168	D		
J	TOKYO	14887.400	09	10	0513				USA			F1B	144	E	52	13	N	03	168	B		GUM
J	TOKYO	14887.400	16	10	0221							F1B							169	D		
J	TOKYO	14887.400	29	10	0021				USA			F1B	144	E	52	12	N	58	169	B		GUM
J	TOKYO	14887.400	06	11	1044				USA			F1B	145	E	17	14	N	12	166	A		GUM
J	TOKYO	14887.400	19	11	0650							F1B							167	D		
J	TOKYO	14887.400	10	12	0024				USA			F1B	144	E	40	13	N	44	169	B		GUM
J	TOKYO	14887.400	24	12	0835				USA			F1B	144	E	46	13	N	32	167	B		GUM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	14900.000	04	10	0800	0800	-7.1		CHN	BC	14K6	A3E									3	
KOR	CRMS	14900.000	13	11	0016	0016	14.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	14900.000	05	12	0004	0434	434.0	-5.93			14K6	A3E									11	
J	TOKYO	14900.030	01	10	0708			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14900.030	09	10	0518			SOUND OF HOPE		BC		A3E	121	E	14	24	N	01	240	B	11	TAIWAN
J	TOKYO	14900.030	16	10	0226					BC		A3E							240	D		
J	TOKYO	14900.030	11	11	0829			SOUND OF HOPE		BC		A3E	121	E	21	23	N	57	240	B	11	TAIWAN
J	TOKYO	14900.040	29	10	0024			SOUND OF HOPE		BC		A3E	121	E	21	24	N	30	240	B	11	TAIWAN
J	TOKYO	14900.040	06	11	1045			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14900.040	19	11	0652			SOUND OF HOPE		BC		A3E	120	E	58	24	N	24	240	B	11	TAIWAN
J	TOKYO	14900.040	26	11	0546			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14900.050	17	12	1049			SOUND OF HOPE		BC		A3E							239	D	11	
HNG	TARNOK	14919.874	22	10	0000	0200	23.6	SOH	CHN	BC	10K0	A3E									11	
HNG	TARNOK	14919.874	22	10	1404	1500	29.5	SOH	CHN	BC	10K0E	A3E									11	
J	TOKYO	14919.960	01	10	0709			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	14920.000	02	10	0021	0021	12.0		CHN	BC	14K8	A3E									6	
KOR	CRMS	14920.000	04	10	0800	0800	0.4		CHN	BC	14K5	A3E									11	
J	TOKYO	14920.000	09	10	0518			CHINA N.R.		BC		A3E	124	E	19	47	N	06	319	B	11	
J	TOKYO	14920.000	16	10	0226			CHINA N.R.		BC		A3E							319	C	11	
G	BALDOCK	14920.000	19	10	1020	1030		SOH X Wang...	CHN	BC	6K00E	A3E							49	B		
J	TOKYO	14920.000	29	10	0031			SOUND OF HOPE		BC		A3E	121	E	08	23	N	52	240	B	11	TAIWAN
J	TOKYO	14920.000	06	11	1046			CHINA N.R.		BC		A3E							290	D	11	
I	ROMA	14920.000	11	11	0841		18.0	SHO XI WANG	CHN	BC	9K00E	A3E							60	C		TAIWAN
KOR	CRMS	14920.000	12	11	0148	0148	32.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	14920.000	13	11	0017	0017	35.7		CHN	BC	14K8	A3E									11	
J	TOKYO	14920.000	19	11	0653			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14920.000	26	11	0548			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	14920.000	02	12	0000	0045	45.0	44.74			14K8	A3E									11	
KOR	CRMS	14920.000	04	12	0000	0032	32.0	9.6999999999999993			14K9	A3E									11	
J	TOKYO	14920.000	10	12	0026				CHN	BC		A3E	117	E	16	39	N	14	289	B		
J	TOKYO	14920.000	24	12	0840					BC		A3E							250	C		
J	TOKYO	14920.010	17	12	1052			CHINA N.R.		BC		A3E	124	E	14	41	N	02	298	A	11	
HNG	TARNOK	14935.000	22	10	1340	1400	46.3				16K0E	F0N										OTHR
J	TOKYO	14939.920	09	10	0519			SOUND OF HOPE		BC		A3E	121	E	40	25	N	02	242	B	11	TAIWAN
J	TOKYO	14939.920	26	11	0551			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14939.930	01	10	0710			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14939.930	16	10	0228			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14939.940	29	10	0033			SOUND OF HOPE		BC		A3E	121	E	27	24	N	22	241	B	11	TAIWAN
J	TOKYO	14939.950	06	11	1051			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	14939.950	19	11	0654			SOUND OF HOPE		BC		A3E	120	E	55	24	N	01	240	B	11	TAIWAN
J	TOKYO	14939.970	10	12	0027			SOUND OF HOPE		BC		A3E	121	E	14	23	N	17	239	B	11	TAIWAN
J	TOKYO	14939.970	24	12	0842			SOUND OF HOPE		BC		A3E	120	E	54	23	N	46	240	B	11	
KOR	CRMS	14940.000	21	10	0432	0432	28.7		CHN	BC	14K7	A3E									11	
KOR	CRMS	14940.000	21	11	0529	0529	34.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	14940.000	02	12	0000	0045	45.0	29.93			14K7	A3E									11	
HNG	TARNOK	14950.000	22	10	0715	0745	38.6				16K0E	F0N										OTHR
HNG	TARNOK	14950.000	22	10	0758	0810	41.7				16K0E	F0N										OTHR
HNG	TARNOK	14950.000	22	10	1433	1448	57.7				16K0E	F0N										OTHR
F	RAMBOUILLET	14979.950	12	11	0700	1430	21.0				250HE	F1B								A	9	50 BAUDS
J	TOKYO	14979.970	29	10	0034			SOUND OF HOPE		BC		A3E	120	E	36	23	N	17	240	B	11	TAIWAN
J	TOKYO	14980.000	01	10	0711			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	14980.000	02	10	0021	0021	12.4		CHN	BC	13K1	A3E									3	
KOR	CRMS	14980.000	04	10	0800	0800	-0.1		CHN	BC	14K2	A3E									6	
J	TOKYO	14980.000	09	10	0520			CHINA N.R.		BC		A3E	124	E	06	47	N	08	319	B	11	
J	TOKYO	14980.000	16	10	0230			CHINA N.R.		BC		A3E	123	E	59	47	N	08	319	B	11	
G	BALDOCK	14980.000	19	10	1030	1100			CHN	BC	6K00E	A3E							65	C		
HNG	TARNOK	14980.000	22	10	1300	1400	41.6	SOH	CHN	BC	10K6	A3E									11	
J	TOKYO	14980.000	06	11	1052			CHINA N.R.		BC		A3E							281	D	11	
J	TOKYO	14980.000	11	11	0830					BC		A3E							249	B		
KOR	CRMS	14980.000	12	11	0148	0148	31.8		CHN	BC	14K6	A3E									11	
KOR	CRMS	14980.000	13	11	0017	0017	43.2		CHN	BC	11K3	A3E									11	
J	TOKYO	14980.000	19	11	0655			CHINA N.R.		BC		A3E							250	C	11	
J	TOKYO	14980.000	26	11	0553			SOUND OF HOPE		BC		A3E							242	D	11	
ROU	BELCIUGATELE	14980.000	29	11	1050	1120	44.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							70	A		Chinese language
KOR	CRMS	14980.000	02	12	0000	0045	45.0	34			13K9	A3E									11	
KOR	CRMS	14980.000	03	12	0007	0726	726.0	10.16			11K8	A3E									11	
J	TOKYO	14980.000	10	12	0028				CHN	BC		A3E	119	E	04	26	N	46	250	B		
HNG	TARNOK	14980.005	22	10	0000	0200	16.9	SOH	CHN	BC	10K3	A3E									11	
J	TOKYO	14980.020	17	12	1056			CHINA N.R.		BC		A3E							256	D	11	
G	BALDOCK	14996.000	19	10	1115	1125		RWN	RUS	SS	100HE	N0N							62	A		
F	RAMBOUILLET	14996.150	12	11	0700	1900	22.0				250HE	F1B								A	9	50 BAUDS
J	TOKYO	15000.000	01	10	0712			WWVH		SS		AXW										
J	TOKYO	15000.000	01	10	0712			BPM		SS		AXW										
J	TOKYO	15000.000	01	10	0745			BPM		SS		AXW	109	E	16	34	N	19	276	B		
J	TOKYO	15000.000	09	10	0529			WWVH		SS		AXW	158	W	08	21	N	07	88	B		
J	TOKYO	15000.000	09	10	0529			BPM		SS		AXW	108	E	58	33	N	54	276	B		
J	TOKYO	15000.000	09	10	0600			BPM		SS		AXW										
J	TOKYO	15000.000	09	10	0600			WWVH		SS		AXW										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	15000.000	16	10	0238			WWVH		SS		AXW										
J	TOKYO	15000.000	16	10	0238			BPM		SS		AXW										
J	TOKYO	15000.000	16	10	0238			WWV		SS		AXW										
J	TOKYO	15000.000	16	10	0415			WWVH		SS		AXW	163	W	57	16	N	53	88	B		
J	TOKYO	15000.000	16	10	0415			BPM		SS		AXW	109	E	02	34	N	46	278	B		
G	BALDOCK	15000.000	19	10	1125	1135		WWV	USA	SS	100HE	A1A							310	A		
J	TOKYO	15000.000	29	10	0035			WWVH		SS		AXW	157	W	56	21	N	01	87	B		
J	TOKYO	15000.000	29	10	0131			BPM		SS		AXW							277	D		
J	TOKYO	15000.000	29	10	0131			WWVH		SS		AXW										
J	TOKYO	15000.000	05	11	2345			WWVH		SS		AXW	156	W	04	19	N	15	88	B		
J	TOKYO	15000.000	05	11	2345			BPM		SS		AXW										
J	TOKYO	15000.000	06	11	1053			WWVH		SS		AXW										
J	TOKYO	15000.000	11	11	0835			BPM		SS		AXW										
J	TOKYO	15000.000	11	11	0835			WWVH		SS		AXW										
J	TOKYO	15000.000	11	11	1059			WWVH		SS		AXW	155	W	46	19	N	15	89	B		
J	TOKYO	15000.000	19	11	0658			BPM		SS		AXW										
J	TOKYO	15000.000	19	11	0745			BPM		SS		AXW										
J	TOKYO	15000.000	19	11	0745			WWVH		SS		AXW										
J	TOKYO	15000.000	26	11	0554			WWVH		SS		AXW										
J	TOKYO	15000.000	26	11	0554			BPM		SS		AXW										
J	TOKYO	15000.000	26	11	0600			BPM		SS		AXW							276	C		
J	TOKYO	15000.000	26	11	0600			WWVH		SS		AXW										
J	TOKYO	15000.000	03	12	0257			WWVH		SS		AXW										
J	TOKYO	15000.000	03	12	0257			BPM		SS		AXW										
J	TOKYO	15000.000	03	12	0415			BPM		SS		AXW										
J	TOKYO	15000.000	03	12	0415			WWVH		SS		AXW										
J	TOKYO	15000.000	10	12	0059			WWVH		SS		AXW										
J	TOKYO	15000.000	10	12	0130			WWVH		SS		AXW										
J	TOKYO	15000.000	10	12	0130			BPM		SS		AXW										
J	TOKYO	15000.000	16	12	2345			WWVH		SS		AXW	157	W	38	20	N	50	87	B		
J	TOKYO	15000.000	16	12	2345			BPM		SS		AXW	108	E	56	34	N	33	277	B		
J	TOKYO	15000.000	24	12	0847			BPM		SS		AXW							250	B		
J	TOKYO	15000.000	24	12	0847			WWVH		SS		AXW										
J	TOKYO	15000.000	24	12	1000			WWVH		SS		AXW	157	W	09	20	N	16	88	B		
HNG	TARNOK	15016.000	24	10	0600	1908	20.4	HF-GCS			3K20E	J3E										USB USAF
HNG	TARNOK	15026.440	24	10	0947	2005	62.1	REYKJAVIK	ISL	FA	3K00E	G1D										HF ACARS
I	ROMA	15050.000	08	10	1453		18.0	CODAR		FX	100K	P0N							101	A		NO OTH
J	TOKYO	15090.000	09	10	0601					BC		A3E										
HNG	TARNOK	15090.004	24	10	0530	1330	25.6	AGM	KWT	BC	11K3	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	15100.000	02	10	0021	0021	40.0		CHN	BC	10K4	A3E									11	
J	TOKYO	15110.000	24	10	1100			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	15110.000	20	11	0037	0037	26.3		USA	BC	14K8	A3E									6	
KOR	CRMS	15110.000	04	12	0000	0033	33.0	-4.66			14K8	A3E									6	
I	ROMA	15115.000	24	10	0747		24.0	WORLD RADIO JAPAN	F	BC	8K50E	A3E							307	A		
KOR	CRMS	15130.000	11	10	0626	0626	15.0		CHN	BC	15K0	A3E									6	
KOR	CRMS	15130.000	07	11	0424	0424	35.0		CHN	BC	12K4	A3E									6	
J	TOKYO	15130.000	12	12	0300			CHINA R.I.	CHN	BC		A3E										
I	ROMA	15135.000	30	10	0735			CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	15135.000	05	11	0944		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	15135.000	14	11	0954		25.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	15135.000	19	11	0719	0756	72.1	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Spanish language
I	ROMA	15135.000	21	11	0836		22.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
F	RAMBOUILLET	15145.000	21	10	0800	1500	37.0				10K0E	A3EG -								A	3	
KOR	CRMS	15145.000	04	11	0707	0707	18.7		CHN	BC	10K6	A3E									6	
I	ROMA	15150.000	15	10	0713		43.0	ASSEMBLIES OF YAHWEH	USA	BC	10K0E	A3E							302	A		
ROU	BELCIUGATELE	15150.000	18	10	0750	0820	66.3	Assemblies of Yahweh	USA	BC	9K00	A3E							307	A		English language
F	RAMBOUILLET	15150.000	22	10	0600	0900	22.0	ASSEMBLIES OF YAHWEH			10K0E	A3EG -								A	3	
I	ROMA	15150.000	24	10	0757		30.0	ASSEMBLIES OF YAHWEH	USA	BC	10K0E	A3E							302	A		
ROU	BELCIUGATELE	15150.000	29	10	1105	1146	58.5	Jammer China	CHN	BC	18K0	A3E							72	A	3	Jammer China
KOR	CRMS	15160.000	14	10	0423	0423	48.3		CHN	BC	14K8	A3E									6	
F	RAMBOUILLET	15160.000	22	10	0900	1000	29.0	AFRIKYA RADIO	ALG		10K0E	A3EG -								A	3	
I	ROMA	15160.000	30	10	0737		34.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							213	A		
I	ROMA	15160.000	06	11	0931		43.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							213	A		
I	ROMA	15160.000	14	11	0957		46.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							213	A		
I	ROMA	15160.000	21	11	0839		28.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							213	A		
I	ROMA	15160.000	10	12	1013		36.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							213	A		
KOR	CRMS	15160.000	13	12	0007	0735	735.0	28.29			14K9	A3E									6	
HNG	TARNOK	15160.010	26	10	0400	0653	12.6	CRI	CHN	BC	11K9	A3E										
ROU	BELCIUGATELE	15180.000	21	10	1240	1310	73.8	China Radio International	CHN	BC	9K00	A3E							83	A		Serbian language
F	RAMBOUILLET	15180.000	22	10	1100	1500	59.0	CRI			10K0E	A3EG -								A	3	
HNG	TARNOK	15180.000	26	10	1100	1300	51.9	CRI	CHN	BC	8K99	A3E										
KOR	CRMS	15180.000	28	10	0510	0510	40.8		KRE	BC	12K9	A3E									6	
J	TOKYO	15180.000	29	10	0133					BC		D7W							247	D		
ROU	BELCIUGATELE	15180.000	29	10	1116	1146	70.4	China Radio International	CHN	BC	16K0	A3E							82	A		Kashi-saibagh Bulgarian language
J	TOKYO	15180.000	11	11	1001				CHN	BC		D7W	105	E	48	28	N	56	267	B		
ROU	BELCIUGATELE	15180.000	25	11	1110	1140	72.8	China Radio International	CHN	BC	9K00	A3E							83	A		Bulgarian language
J	TOKYO	15180.000	10	12	0134			CHINA N.R.		BC		D7W							262	C		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	15180.000	19	12	0000	2400	77.7	China Radio International	CHN	BC	9K00	A3E							82	A		Bulgarian language
J	TOKYO	15180.000	24	12	1001			CHINA N.R.		BC		D7W	113	E	55	30	N	33	265	B		
HNG	TARNOK	15185.014	26	10	0430	0600	35.0	AIR	IND	BC	9K35	A3E										
F	RAMBOUILLET	15190.000	22	10	1730	1930	57.0	PHILIPINAS RADIO	PHL		10K0E	A3EG								A	3	
HNG	TARNOK	15190.000	26	10	1730	1930	36.2	RADIO PILIPINAS	PHL	BC	10K5	A3E										
KOR	CRMS	15195.000	31	10	0424	0424	73.5		J	BC	8K42	A3E									11	
HNG	TARNOK	15195.003	26	10	0400	0500	16.8	NHK	J	BC	11K9	A3E										
F	RAMBOUILLET	15200.000	23	10	1300	1330	16.0				20K0E	PXX								A	9	OTHR
I	ROMA	15210.000	06	11	0934		31.0	KOREAN BROADCASTING	KOR	BC	9K00E	A3E							48	A		
I	ROMA	15210.000	14	11	0959		24.0	KOREAN BROADCASTING	KOR	BC	9K00E	A3E							48	A		
ROU	BELCIUGATELE	15210.000	04	12	0000	2400	58.4	China Radio International	CHN	BC	9K00	A3E							265	A		English language
I	ROMA	15210.000	10	12	1015		26.0	KOREAN BROADCASTING	KOR	BC	9K00E	A3E							48	A		
F	RAMBOUILLET	15215.000	23	10	1200	1230	18.0				20K0E	PXX								A	9	OTHR
I	ROMA	15220.000	15	10	0716		54.0	ADVENTIST WORLD RADI	D	BC	9K00E	A3E							1	A		
ROU	BELCIUGATELE	15220.000	22	10	1100	1130	73.1	China Radio International	CHN	BC	9K00	A3E							82	A		Czech language
F	RAMBOUILLET	15220.000	23	10	0600	0900	51.0	AWR	D		10K0	A3EG								A		
I	ROMA	15220.000	24	10	0759		62.0	ADVENTIST WORLD RADI	D	BC	9K00E	A3E							1	A		
ROU	BELCIUGATELE	15220.000	25	11	1020	1050	71.3	China Radio International	CHN	BC	9K00	A3E							82	A		Hungarian language
I	ROMA	15220.000	10	12	1015		49.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	15225.000	29	10	1057	1156	76.7	Jammer	CHN	BC	20K0	A3E							83	A	3	Jammer Chinese language
KOR	CRMS	15230.000	14	10	0423	0423	45.7		CHN	BC	14K9	A3E									6	
I	ROMA	15230.000	21	10	1757		24.0	M0KRB	G	AT	2K70E	J3E							321	A		SSTV
F	RAMBOUILLET	15230.000	23	10	0600	1800	28.0	CRI	CHN		10K0	A3EG								A		
J	TOKYO	15230.010	24	10	0300			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	15240.000	23	10	0600	1500	39.0	VOIRI	IRN		10K0	A3EG								A		
F	RAMBOUILLET	15245.000	23	10	0600	1500	39.0	VOK	KRE		10K0	A3EG								A		
KOR	CRMS	15245.000	01	11	0633	0633	8.9		CHN	BC	14K0	A3E									6	
KOR	CRMS	15245.000	14	11	0627	0627	37.1		CHN	BC	14K0	A3E									6	
KOR	CRMS	15245.000	19	11	0714	0714	17.0	KCB	KRE	BC	14K9	A3E									3	
I	ROMA	15245.000	21	11	0843		20.0	VOICE OF KOREA	KRE	BC	9K00E	A3E							45	A		
KOR	CRMS	15245.000	03	12	0007	0727	727.0	-3.06			14K9	A3E									3	
KOR	CRMS	15245.000	04	12	0000	0035	35.0	22.96			14K9	A3E									6	
I	ROMA	15250.000	10	12	1017		22.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	15255.000	24	10	1400	1430	82.0	RFE/R. LIBERTY	THA	BC	9K00	A3E							88	A		Turkish language
HNG	TARNOK	15255.040	28	10	1300	1400	33.2	AWR	TJK	BC	10K0E	A3E									3	
I	ROMA	15260.000	15	10	0719		30.0	BBC WORLDSERVICE	G	BC	10K0E	A3E							213	A		
F	RAMBOUILLET	15260.000	24	10	0600	0830	39.0	ALL INDIA RADIO	IND		10K0	A3EG								A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	15260.000	06	11	0938		39.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
HNG	TARNOK	15260.002	28	10	0900	1000	52.0			BC	10K5	A3E										
HNG	TARNOK	15260.003	28	10	1630	1700	53.9	VOA	BOT	BC	9K03	A3E										
KOR	CRMS	15270.000	16	10	0022	0022	40.9		CHN	BC	14K8	A3E									3	
F	RAMBOUILLET	15270.000	24	10	0600	0830	36.0	CNR	CHN		10K0	A3EG								A		
ROU	BELCIUGATELE	15270.000	18	11	1403	1435	65.1	Voice of America	D	BC	20K0	A3E							301	A		Biblis Kurdish language
HNG	TARNOK	15270.012	28	10	1224	1324	79.9	TRT	TUR	BC	7K81	A3E									3	
ROU	BELCIUGATELE	15275.000	24	10	1330	1400	64.0	R. Free Asia	TJK	BC	9K00	A3E							83	A		Tibetan language
HNG	TARNOK	15275.002	28	10	1600	1700	49.4	DWL	F	BC	9K81	A3E										
I	ROMA	15280.000	15	10	0722		20.0	NIPPON HOSO KYOKAI	J	BC	10K0E	A3E							40	A		
F	RAMBOUILLET	15280.000	24	10	0600	1200	34.0	NHK RADIO	J		10K0	A3EG								A		
KOR	CRMS	15280.000	13	11	0018	0018	54.6		IND	BC	13K5	A3E									6	
KOR	CRMS	15280.000	04	12	0000	0036	36.0	22.42			14K2	A3E									6	
HNG	TARNOK	15280.011	28	10	0400	0600	31.4	AIR	IND	BC	9K15	A3E									3	
I	ROMA	15290.000	24	10	0802		32.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
I	ROMA	15290.000	30	10	0739		33.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
I	ROMA	15290.000	06	11	0940		39.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
I	ROMA	15290.000	21	11	0845		28.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
HNG	TARNOK	15290.003	28	10	0800	1000	43.2	NHK	F	BC	9K74	A3E										
HNG	TARNOK	15290.003	28	10	1200	1230	43.0			BC	9K48	A3E										
I	ROMA	15292.000	12	11	1401		1.0			FX									72	B		
I	ROMA	15295.000	12	11	1358		1.0		KAZ	FX									62	A		
I	ROMA	15295.000	14	11	1046		25.0	ADVENTIST WORLD		BC	9K00E	A3E							49	A		
I	ROMA	15295.000	10	12	1020		26.0	ADVENTIST WORLD R.GU		BC	9K00E	A3E							49	A		
HNG	TARNOK	15295.002	28	10	1100	1300	27.6	SOH	CHN	BC	10K0	A3E										
I	ROMA	15298.000	06	12	1311		2.0			FX	3K00E	J2D							74	B		
I	ROMA	15300.000	15	10	0725		42.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
F	RAMBOUILLET	15300.000	24	10	0600	1230	59.0	RFI	F		10K0	A3EG								A		
I	ROMA	15300.000	24	10	0804		44.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
F	RAMBOUILLET	15300.000	25	10	0600	1230	59.0	RFI	F		10K0	A3EG								A		
I	ROMA	15300.000	30	10	0741		34.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
I	ROMA	15300.000	21	11	0847		32.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
HNG	TARNOK	15300.002	28	10	1800	1859	54.9	RFI	F	BC	9K80	A3E										
HNG	TARNOK	15300.003	28	10	0800	0900	51.1	RFI	F	BC	9K45	A3E										
KOR	CRMS	15310.000	23	12	0005	0510	510.0	27.23			14K9	A3E									6	
KOR	CRMS	15320.000	17	10	0413	0413	25.0		CHN	BC	14K8	A3E									11	
KOR	CRMS	15320.000	21	10	0438	0438	39.9		CHN	BC	14K2	A3E									6	
KOR	CRMS	15320.000	18	11	0434	0434	34.2		CHN	BC	14K9	A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	15320.000	26	11	1205	1227	56.8	Reach Beyond Australia	AUS	BC	10K0	A3E							96	A		Kununurra Hindi language
KOR	CRMS	15320.000	05	12	0004	0436	436.0	20.85			14K3	A3E									6	
I	ROMA	15325.000	15	10	0728		43.0	RADIO FRANCE INTERNA	F	BC	9K00E	A3E							307	A		
I	ROMA	15335.000	08	10	0835		26.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15335.000	24	10	0806		31.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
F	RAMBOUILLET	15335.000	25	10	0800	1000	38.0	CRI	CHN		10K0	A3EG -								A		
I	ROMA	15335.000	30	10	0744		35.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15335.000	06	11	0942		33.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15335.000	21	11	0849		32.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
ROU	BELCIUGATELE	15335.000	12	12	0810	0909	77.1	China Radio International	CHN	FX	9K00	J3E							83	A		Russian language
KOR	CRMS	15340.000	02	10	0023	0023	12.6		CHN	BC	14K4	A3E									6	
F	RAMBOUILLET	15340.000	25	10	0600	1800	28.0	SQH	CHN		10K0	A3EG -								A		
KOR	CRMS	15340.000	25	10	0824	0824	57.1		CHN	BC	14K7	A3E									6	
KOR	CRMS	15340.000	04	11	0709	0709	22.7		CHN	BC	13K2	A3E									6	
KOR	CRMS	15340.000	14	11	0628	0628	29.1		CHN	BC	14K5	A3E									6	
KOR	CRMS	15340.000	02	12	0000	0047	47.0	43.14			11K1	A3E									6	
KOR	CRMS	15340.000	06	12	0008	0828	828.0	14.27			11K3	A3E									6	
I	ROMA	15340.000	10	12	1024		22.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							59	A		
F	RAMBOUILLET	15350.000	25	10	0600	1800	34.0	CRI	CHN		10K0	A3EG -								A		
F	RAMBOUILLET	15350.000	28	10	0700	1100	73.0	CRI			10K0E	A3EG -								A	3	
F	RAMBOUILLET	15350.000	28	10	1130	1230	65.0	VOICE OF TURKEY	TUR		10K0	A3EG -								A		
I	ROMA	15350.000	31	10	0733		43.0	CHINA R. INTERNATIONAL	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15350.000	06	11	0944		60.0	CHINA R. INTERNATIONAL	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15350.000	14	11	1050		63.0	CHINA R. INTERNATIONAL	CHN	BC	10K0E	A3E							70	A		
ROU	BELCIUGATELE	15350.000	18	11	1316	1353	72.8	Voice of Turkey	TUR	BC	10K0	A3E							136	A		Emirler Turkish language
I	ROMA	15350.000	21	11	0851		20.0	CHINA R. INTERNATIONAL	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15350.000	10	12	1027		51.0	CHINA R. INTERNATIONAL	CHN	BC	10K0E	A3E							70	A		
HNG	TARNOK	15350.004	30	10	0500	0658	25.0	CRI	CHN	BC	10K8	A3E										
HNG	TARNOK	15350.012	30	10	0658	1355	76.1	TRT	TUR	BC	10K0E	A3E									3	
HNG	TARNOK	15359.998	30	10	2301	2400	26.2			BC	10K9	A3E										
KOR	CRMS	15360.000	18	10	0627	0627	29.9		CHN	BC	14K4	A3E									6	
KOR	CRMS	15360.000	25	10	0825	0825	49.8		CHN	BC	12K5	A3E									11	
KOR	CRMS	15360.000	12	11	0149	0149	48.1		CHN	BC	14K7	A3E									6	
KOR	CRMS	15360.000	02	12	0000	0047	47.0	36.700000000000003			14K3	A3E									6	
HNG	TARNOK	15360.024	30	10	1058	1115	47.2			BC	9K72	A3E									3	
HNG	TARNOK	15360.042	30	10	1628	1700	46.3	SDA	USA	BC	9K29	A3E									3	
F	RAMBOUILLET	15375.000	28	10	1615	1625	47.0				25K0E	PXX								A	9	OTHR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	15380.000	01	11	0635	0635	17.3		CHN	BC	14K3	A3E									6	
I	ROMA	15380.000	06	11	0946		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
I	ROMA	15380.000	21	11	0853		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
ROU	BELCIUGATELE	15390.000	22	10	1040	1110	55.8	CNR 13	CHN	BC	9K00	A3E							66	A		Uyghur language
I	ROMA	15390.000	31	10	0756		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
I	ROMA	15390.000	06	11	0948		29.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
I	ROMA	15390.000	14	11	1052		35.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
I	ROMA	15390.000	21	11	0855		26.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
HNG	TARNOK	15390.002	30	10	1000	1100	30.8	CNR 13	CHN	BC	11K7	A3E										
HNG	TARNOK	15390.003	30	10	0500	0600	21.3	CNR13	CHN	BC	11K8	A3E										
HNG	TARNOK	15390.004	30	10	1215	1354	59.9			BC	10K1	A3E										
HNG	TARNOK	15400.001	30	10	1658	1900	61.8	BBC	G	BC	9K01	A3E										
KOR	CRMS	15410.000	02	10	0024	0024	20.4		CHN	BC	14K4	A3E									6	
KOR	CRMS	15410.000	12	11	0149	0149	25.7		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	15410.000	18	11	1233	1315	40.5	All India Radio	IND	BC	10K0	A3E							113	A		Bengaluru Swahili language
ROU	BELCIUGATELE	15410.000	25	11	1100	1130	55.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							65	A		Chinese language
ROU	BELCIUGATELE	15410.000	26	11	1049	1153	60.6	Jammer	CHN	BC	10K0	A3E							67	B	3	Chinese language
KOR	CRMS	15410.000	02	12	0000	0048	48.0	33.56			15K0	A3E									6	
F	RAMBOUILLET	15425.000	29	10	1600	1625	28.0				10K0E	A3EG								A	9	
I	ROMA	15430.000	14	11	1057		49.0	KSDA-ADVENTISTWORLD		BC	9K00E	A3E							49	A		
ROU	BELCIUGATELE	15430.000	26	11	1020	1053	50.8	KSDA Adventist Worl Radio	USA	BC	10K0	A3E							64	A		Agat Chinese language
KOR	CRMS	15435.000	04	12	0000	0039	39.0	18.510000000000002			14K4	A3E									6	
I	ROMA	15440.000	31	10	0759		28.0	ISLAMIC REPUBLIC IRA	IRN	BC	9K00E	A3E							95	A		
I	ROMA	15440.000	06	11	0951		27.0	ISLAMIC REPUBLIC IRA	IRN	BC	9K00E	A3E							95	A		
I	ROMA	15440.000	14	11	1100		30.0	ISLAMIC REPUBLIC IRA	IRN	BC	9K00E	A3E							95	A		
ROU	BELCIUGATELE	15440.000	26	11	0949	1019	56.8	China Radio International	CHN	BC	10K0	A3E							263	A		Chinese language
HNG	TARNOK	15449.957	01	11	0900	1000	15.1	FEBC	PHL	BC	11K6	A3E									3	
HNG	TARNOK	15449.969	01	11	2330	2400	32.8	FEBC	PHL	BC	9K05	A3E									3	
HNG	TARNOK	15450.005	01	11	1430	1530	44.6			BC	10K3	A3E										
I	ROMA	15455.000	08	10	0839		20.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
I	ROMA	15455.000	24	10	0809		43.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
I	ROMA	15455.000	17	12	0814		42.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
HNG	TARNOK	15455.004	01	11	0800	0900	39.9	RFI	F	BC	10K1	A3E										
HNG	TARNOK	15459.992	01	11	1631	1700	65.2	VOA	BOT	BC	10K9	A3E										
ROU	BELCIUGATELE	15460.000	24	10	1350	1420	65.8	Reach Beyond Australia	AUS	BC	9K00	A3E							91	A		English language
F	RAMBOUILLET	15460.000	30	10	1630	1800	64.0				10K0E	A3EG								A	9	
HNG	TARNOK	15460.000	01	11	1530	1601	59.5	VOA	BOT	BC	11K2	A3E										
HNG	TARNOK	15460.005	01	11	1200	1400	76.6	HCJB	AUS	BC	9K21	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	15465.004	01	11	0600	0900	27.0	CRI	CHN	BC	11K8	A3E										
HNG	TARNOK	15472.500	01	11	0600	0857	28.0				15K0E	F0N									13	OTHR
HNG	TARNOK	15472.500	01	11	0600	0857	31.3				15K0E	F0N										OTHR
HNG	TARNOK	15472.500	01	11	1500	1800	21.7				15K0E	F0N										OTHR
HNG	TARNOK	15480.003	01	11	0900	1300	14.0	CNR1	CHN	BC	11K8	A3E										
F	RAMBOUILLET	15490.000	30	10	1200	1300	52.0				10K0E	A3EG								A	9	
F	RAMBOUILLET	15490.000	30	10	1525	1630	58.0				10K0E	A3EG								A	9	
HNG	TARNOK	15490.002	01	11	1800	1830	57.2	BBC	G	BC	9K61	A3E										
HNG	TARNOK	15490.006	01	11	1429	1530	57.7	VAT	PHL	BC	9K43	A3E										
I	ROMA	15500.000	14	11	1102		22.0	ADVENTIST WORLD RADI	CLN	BC	10K0	A3E							98	A		
ROU	BELCIUGATELE	15500.000	18	11	1059	1128	46.1	Unknown	CHN	BC	10K0	A3E							63	A		Unknown Chinese language
HNG	TARNOK	15500.019	01	11	1100	1200	25.0	AWR	CLN	BC	9K69	A3E									3	
I	ROMA	15505.000	15	10	0731		20.0	ENCOMPASS DIGITAL ME	G	BC	9K00E	A3E							213	A		
F	RAMBOUILLET	15505.000	31	10	0855	0912	22.0				25K0E	PXX								A	9	OTHR
F	RAMBOUILLET	15525.000	31	10	0800	1130	38.0	CRI	CHN		10K0	A3EG								A		
I	ROMA	15525.000	06	11	0953		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
ROU	BELCIUGATELE	15525.000	18	11	1012	1039	51.9	China Radio International	CHN	BC	10K0	A3E							71	A		Urumqi Hutubi Chinese language
F	RAMBOUILLET	15540.000	31	10	0700	1130	36.0	CNR	CHN		10K0	A3EG								A		
I	ROMA	15540.000	31	10	0802		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
I	ROMA	15540.000	07	11	0801		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
I	ROMA	15540.000	21	11	0857		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
I	ROMA	15550.000	24	10	0812		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							52	A		
F	RAMBOUILLET	15550.000	31	10	0700	1130	39.0	CNR	CHN		10K0	A3EG								A		
F	RAMBOUILLET	15550.000	31	10	1200	1800	39.0	CNR	CHN		10K0	A3EG								A		
F	RAMBOUILLET	15550.000	04	11	0700	1200	36.0	CNR			10K0	A3EG								A		
I	ROMA	15550.000	07	11	0803		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							52	A		
I	ROMA	15550.000	12	11	0840		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							52	A		
I	ROMA	15550.000	27	11	0823		25.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							52	A		
ROU	BELCIUGATELE	15550.000	28	11	1230	1300	58.1	KSDA-Adventist World R. Guam	USA	BC	9K00	A3E							63	A		Amoy language
ROU	BELCIUGATELE	15550.000	16	12	0000	2400	50.1	JRC Radio Tamazui	MDG	BC	9K00	A3E							161	A		Jubble language
HNG	TARNOK	15550.002	03	11	1158	1300	28.7	KSDA	USA	BC	9K48	A3E										
I	ROMA	15560.000	08	10	0841		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
I	ROMA	15560.000	29	10	0744		23.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
I	ROMA	15560.000	31	10	0804		22.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
F	RAMBOUILLET	15560.000	04	11	0700	1200	34.0	CRI			10K0	A3EG								A		
I	ROMA	15560.000	07	11	0806		27.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	15560.000	12	11	0843		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
ROU	BELCIUGATELE	15560.000	26	11	0903	0944	58.3	China Radio International	CHN	BC	10K0	A3E							71	A		Xianyang Chinese language
I	ROMA	15560.000	27	11	0826		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
I	ROMA	15560.000	17	12	0817		27.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
HNG	TARNOK	15560.002	03	11	0757	1000	30.9	CRI	CHN	BC	10K3	A3E										
I	ROMA	15565.000	11	10	1659		60.0	VATICAN RADIO	CVA	BC	10K0E	A3E							284	A		FRE
HNG	TARNOK	15565.000	03	11	0457	0600	13.2			BC	10K0E	A3E										
HNG	TARNOK	15565.006	03	11	1530	1828	56.7	VAT	CVA	BC	9K64	A3E										
J	TOKYO	15568.000	05	11	2347				RUS			F1B	133	W	01	42	N	58	324	B		
HNG	TARNOK	15570.006	03	11	0500	0600	18.7	CNR 11	CHN	BC	10K9	A3E										
HNG	TARNOK	15575.000	03	11	1300	1500	26.1	KBS	KOR	BC	9K26	A3E										
F	RAMBOUILLET	15575.000	04	11	1200	1500	34.0	KBS WORLD RADIO			10K0	A3EG								A		
HNG	TARNOK	15579.994	03	11	1600	1630	56.5	VOA	BOT	BC	11K6	A3E										
HNG	TARNOK	15579.994	03	11	1700	2000	54.1	VOA	BOT	BC	10K9	A3E										
HNG	TARNOK	15579.996	03	11	0500	0700	36.2	VOA	BOT	BC	11K1	A3E										
ROU	BELCIUGATELE	15590.000	15	10	1230	1300	61.4	China Radio International	CHN	BC	9K00	A3E							70	A		English language
F	RAMBOUILLET	15595.000	04	11	1400	1500	54.0	CRI			10K0	A3EG								A		
HNG	TARNOK	15595.003	03	11	0900	1030	35.8	VAT	CVA	BC	8K99	A3E										
HNG	TARNOK	15595.004	03	11	1400	1500	66.0	VOA	G	BC	9K14	A3E										
HNG	TARNOK	15595.005	03	11	0619	0700	35.6	VAT	CVA	BC	8K92	A3E										
F	RAMBOUILLET	15600.000	05	11	0910	1008	14.0				20K0E	PXX								A	9	OTHR
J	TOKYO	15601.500	09	10	0608							F1B							171	D		
J	TOKYO	15601.500	16	10	0419				USA			F1B	144	E	46	12	N	58	170	B		GUM
J	TOKYO	15601.500	05	11	2352				USA			F1B	144	W	40	13	N	21	169	B		GUM
J	TOKYO	15601.500	11	11	1003				USA			F1B	145	E	04	13	N	50	167	B		GUM
J	TOKYO	15601.500	19	11	0752							F1B							165	D		
J	TOKYO	15601.500	26	11	0610				USA			F1B	144	E	44	13	N	27	168	A		GUM
J	TOKYO	15601.500	03	12	0418							F1B							169	C		
J	TOKYO	15601.500	16	12	2348				USA			F1B	145	E	10	13	N	15	168	B		GUM
J	TOKYO	15601.500	24	12	1004				USA			F1B	144	E	52	13	N	21	168	B		GUM
KOR	CRMS	15610.000	02	10	0025	0025	10.7		CHN	BC	14K3	A3E									11	
KOR	CRMS	15610.000	08	11	0630	0630	23.3		CHN	BC	14K3	A3E									6	
KOR	CRMS	15610.000	04	12	0000	0040	40.0	-9.7799999999999994			14K9	A3E									6	
J	TOKYO	15615.000	01	10	0748				AUS			F3C	120	E	13	28	S	42	199	B		
J	TOKYO	15615.000	16	12	2352							F3C	121	E	06	27	S	44	198	B		
J	TOKYO	15640.000	01	10	0753				KRE			F1B	126	E	49	39	N	46	295	B		
J	TOKYO	15640.000	16	10	0422				CHN	BC		D7W	102	E	50	25	N	51	246	B		
F	RAMBOUILLET	15640.000	05	11	0700	1330	34.0				10K0	A3EG								A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	15640.000	12	11	0851		47.0	RADIO AZADI	KWT	BC	9K00E	A3E							102	A		
I	ROMA	15640.000	14	11	1106			RADIO AZADI	KWT	BC	9K00E	A3E							102	A		
I	ROMA	15640.000	27	11	0830		31.0	RADIO AZADI	KWT	BC	9K00E	A3E							102	A		
KOR	CRMS	15640.000	10	12	0007	0755	755.0	-6.57			14K9	A3E									6	
F	RAMBOUILLET	15651.000	06	11	1621	1647	67.0				25K0E	PXX								A	9	OTHR
J	TOKYO	15657.980	29	10	0139							F1B							322	D		
J	TOKYO	15658.000	01	10	0757				RUS			F1B	131	E	39	43	N	32	322	B		
J	TOKYO	15658.000	19	11	0757							F1B							324	D		
J	TOKYO	15658.000	26	11	0611				RUS			F1B	132	E	01	43	N	31	323	A		
J	TOKYO	15658.000	03	12	0420				RUS			F1B	133	E	05	42	N	54	325	A		
J	TOKYO	15658.000	16	12	2355				RUS			F1B	131	E	57	43	N	28	323	B		
J	TOKYO	15658.000	24	12	1008				RUS			F1B	132	E	20	43	N	10	324	B		
I	ROMA	15665.000	08	10	0844		32.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
ROU	BELCIUGATELE	15665.000	18	10	0815	0845	55.7	China Radio International	CHN	BC	9K00	A3E							71	A		Russian language
I	ROMA	15665.000	29	10	0746		31.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
I	ROMA	15665.000	31	10	0807		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
HNG	TARNOK	15665.000	05	11	0400	0600	43.3	CRI	CHN	BC	10K2	A3E										
F	RAMBOUILLET	15665.000	06	11	0700	1000	51.0	CRI			10K0	A3EG								A	9	
I	ROMA	15665.000	07	11	0808		35.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
I	ROMA	15665.000	12	11	0854		39.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
ROU	BELCIUGATELE	15665.000	18	11	0925	1000	62.6	China Radio International	CHN	BC	10K0	A3E							71	A		Kashi-saibagh Russian Language
I	ROMA	15665.000	19	11	0836		41.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
I	ROMA	15665.000	27	11	0832		42.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
I	ROMA	15665.000	17	12	0820		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
KOR	CRMS	15665.000	31	12	0006	0648	648.0	37.020000000000003			14K6	A3E									6	
HNG	TARNOK	15665.005	05	11	0800	1000	48.3	CRI	CHN	BC	10K3	A3E										
HNG	TARNOK	15665.019	05	11	1600	1630	33.2	KSDA	USA	BC	10K4	A3E									3	
J	TOKYO	15670.030	09	10	0613														265	D		
HNG	TARNOK	15687.500	05	11	0640	0701	41.2				30K0E	F0N									13	OTHR
HNG	TARNOK	15687.500	05	11	0717	1003	35.0				30K0E	F0N									13	OTHR
HNG	TARNOK	15687.500	05	11	1034	1104	40.7				30K0E	F0N										OTHR
HNG	TARNOK	15687.500	05	11	1205	1630	41.3				30K0E	F0N										OTHR
HNG	TARNOK	15699.998	05	11	0706	1600	25.3	WMR	DNK	BC	10K8	A3E										
I	ROMA	15700.000	08	10	0847		20.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	15	10	0733		30.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	29	10	0749		39.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	31	10	0810		35.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
F	RAMBOUILLET	15700.000	06	11	0845	1000	54.0	WORLD MUSIC RADIO			10K0E	A3EG								A	9	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	15700.000	07	11	0812		33.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
F	RAMBOUILLET	15700.000	07	11	0845	1100	43.0	WORLD MUSIC RADIO			10K0E	A3EG -								A	9	
I	ROMA	15700.000	12	11	0856		25.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	19	11	0839		33.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	27	11	0834		30.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	17	12	0822		34.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15710.000	07	11	0814		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
I	ROMA	15710.000	19	11	0841		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
I	ROMA	15710.000	17	12	0824		24.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
KOR	CRMS	15740.000	02	10	0026	0026	4.2		CHN	BC	14K8	A3E									11	
KOR	CRMS	15740.000	14	11	0630	0630	37.9		CHN	BC	14K8	A3E									6	
KOR	CRMS	15740.000	04	12	0000	0040	40.0	14.17			14K9	A3E									6	
F	RAMBOUILLET	15741.000	07	11	0930	1218	56.0				20K0E	PXX								A	9	OTHR
I	ROMA	15750.000	16	10	0702		20.0	USAGM	KWT	BC	9K00E	A3E							102	A		
KOR	CRMS	15760.000	02	10	0026	0026	20.2		CHN	BC	13K9	A3E									6	
KOR	CRMS	15760.000	25	10	0827	0827	19.4		CHN	BC	14K9	A3E									6	
KOR	CRMS	15760.000	20	11	0040	0040	13.3		CHN	BC	14K9	A3E									6	
KOR	CRMS	15760.000	13	12	0007	0737	737.0	32.4			14K3	A3E									6	
J	TOKYO	15760.000	16	12	2358				CHN	BC		D7W	124	E	16	46	N	59	318	B		
I	ROMA	15760.000	17	12	0826		22.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							41	A		
J	TOKYO	15760.000	24	12	1011				CHN	BC		D7W	105	E	55	30	N	23	270	B		
HNG	TARNOK	15764.999	07	11	1200	1300	51.2	RADIO MASHAAL	THA	BC	9K69	A3E										
HNG	TARNOK	15768.000	07	11	0658	0900	42.8				400H	F1B									13	
I	ROMA	15770.000	29	10	0752		21.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
I	ROMA	15770.000	31	10	0813		35.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
I	ROMA	15770.000	07	11	0816		28.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
F	RAMBOUILLET	15770.000	08	11	0800	1100	42.0	THE OVERCOMER MINIS			10K0E	A3EG -								A	9	
I	ROMA	15770.000	19	11	0844		35.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
ROU	BELCIUGATELE	15770.000	25	11	0407	0445	49.0	WRMI	USA	BC	9K00	A3E							303	A		Okeechobee Russian Language
I	ROMA	15770.000	27	11	0852		27.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
HNG	TARNOK	15770.004	07	11	0930	1100	41.5	WRMI	USA	BC	8K49	A3E										
HNG	TARNOK	15778.000	07	11	0600	1800	37.0				300H	F1B									13	200Hz
F	RAMBOUILLET	15778.000	08	11	0800	1500	33.0				10K0E	A3EG -								A	9	
J	TOKYO	15778.000	19	11	0806							F1B							325	D		
KOR	CRMS	15800.000	04	10	0804	0804	30.3		CHN	BC	10K0	A3E									6	
KOR	CRMS	15800.000	25	10	0827	0827	33.2		CHN	BC	14K5	A3E									6	
KOR	CRMS	15800.000	04	11	0711	0711	7.9		CHN	BC	14K0	A3E									6	
F	RAMBOUILLET	15800.000	08	11	0800	1100	32.0	SOH XI WANG ZHI SHENG			10K0E	A3EG -								A	9	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	15800.000	12	11	0150	0150	35.2		CHN	BC	13K9	A3E									6	
KOR	CRMS	15800.000	02	12	0000	0050	50.0	27.18			14K9	A3E									6	
J	TOKYO	15816.000	01	10	0806				RUS			F1B	132	E	03	43	N	15	323	B		
F	RAMBOUILLET	15825.000	14	11	1200	1700	43.0	WWCR NASHVILLE			10K0	A3EG								A		
ROU	BELCIUGATELE	15825.000	16	12	0000	2400	48.0	WWCR Nashville	USA	BC	9K00	A3E							310	A		English language
J	TOKYO	15839.730	09	10	0615			SOUND OF HOPE		BC		A3E							261	D	11	
J	TOKYO	15839.740	16	10	0427			SOUND OF HOPE		BC		A3E	127	E	08	37	N	21	283	B	11	KOR
J	TOKYO	15839.760	01	10	0810			SOUND OF HOPE		BC		A3E	127	E	31	36	N	53	281	B	11	KOR
J	TOKYO	15839.790	29	10	0143			SOUND OF HOPE		BC		A3E							282	D	11	
J	TOKYO	15839.800	19	11	0811			SOUND OF HOPE		BC		A3E							284	D	11	
J	TOKYO	15839.820	03	12	0422			SOUND OF HOPE		BC		A3E	151	E	13	29	N	43	283	A	11	KOR
J	TOKYO	15839.830	26	11	0619			SOUND OF HOPE		BC		A3E							281	C	11	
J	TOKYO	15839.860	05	11	2354			SOUND OF HOPE		BC		A3E	126	E	42	37	N	13	282	B	11	
J	TOKYO	15839.870	10	12	0143			SOUND OF HOPE		BC		A3E							278	C	11	
J	TOKYO	15839.880	17	12	0005			SOUND OF HOPE		BC		A3E	126	E	58	36	N	53	287	B	11	KOR
KOR	CRMS	15840.000	05	12	0004	0441	441.0	-4.8899999999999997			14K9	A3E									11	
J	TOKYO	15869.650	11	11	1007			SOUND OF HOPE		BC		A3E	120	E	36	22	N	38	238	B	11	TAIWAN
J	TOKYO	15869.660	26	11	0620			SOUND OF HOPE		BC		A3E	120	E	57	24	N	20	240	B	11	TAIWAN
J	TOKYO	15869.670	29	10	0146			SOUND OF HOPE		BC		A3E							246	D	11	
J	TOKYO	15869.670	19	11	0815			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	15869.680	05	11	2355			SOUND OF HOPE		BC		A3E	120	E	39	23	N	14	239	B	11	
J	TOKYO	15869.690	03	12	0426			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	15869.700	10	12	0147			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	15869.720	24	12	1014			SOUND OF HOPE		BC		A3E	120	E	20	23	N	14	240	B	11	TAIWAN
J	TOKYO	15869.730	17	12	0005			SOUND OF HOPE		BC		A3E	121	E	42	24	N	51	242	B	11	TAIWAN
J	TOKYO	15889.960	16	10	0427			SOUND OF HOPE		BC		A3E	120	E	33	23	N	11	240	B	11	TAIWAN
J	TOKYO	15889.970	09	10	0619			SOUND OF HOPE		BC		A3E	120	E	46	23	N	31	261	B	11	TAIWAN
J	TOKYO	15889.980	01	10	0813			SOUND OF HOPE		BC		A3E	121	E	06	23	N	29	238	B	11	TAIWAN
J	TOKYO	15889.980	26	11	0621			SOUND OF HOPE		BC		A3E	120	E	57	24	N	20	240	B	11	TAIWAN
J	TOKYO	15889.980	03	12	0429			SOUND OF HOPE		BC		A3E	120	E	27	23	N	33	241	A	11	TAIWAN
J	TOKYO	15889.990	29	10	0149			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	15889.990	11	11	1008			SOUND OF HOPE		BC		A3E	121	E	18	23	N	58	240	B	11	TAIWAN
J	TOKYO	15889.990	19	11	0819			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	15890.010	10	12	0147			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	15890.030	24	12	1021			SOUND OF HOPE		BC		A3E	120	E	52	22	N	41	238	B	11	TAIWAN
F	RAMBOUILLET	15910.000	15	11	1255	1320	53.0				20K0E	PXX								A	9	OTHR
J	TOKYO	15919.830	01	10	0814			SOUND OF HOPE		BC		A3E	120	E	19	23	N	30	240	B	11	TAIWAN
J	TOKYO	15919.830	09	10	0621			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	15919.840	16	10	0437			SOUND OF HOPE		BC		A3E	120	E	42	23	N	24	240	B	11	TAIWAN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	15919.870	05	11	2356			SOUND OF HOPE		BC		A3E	121	E	18	25	N	13	242	B	11	
J	TOKYO	15919.880	24	12	1022			SOUND OF HOPE		BC		A3E	120	E	49	24	N	01	241	B	11	TAIWAN
J	TOKYO	15919.920	17	12	0007			SOUND OF HOPE		BC		A3E	121	E	42	24	N	51	242	B	11	TAIWAN
J	TOKYO	15919.990	11	11	1009			CHINA N.R.		BC		A3E	124	E	19	47	N	12	320	B	11	
J	TOKYO	15920.000	01	10	0814			CHINA N.R.		BC		A3E	119	E	17	26	N	05	247	B	11	
KOR	CRMS	15920.000	02	10	0026	0026	21.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	15920.000	07	10	0426	0426	24.3		CHN	BC	14K9	A3E									11	
J	TOKYO	15920.000	09	10	0621					BC		A3E							247	D		
ROU	BELCIUGATELE	15920.000	14	10	1043	1100	23.3	SOH Xi Wang Zhi Sheng	CHN	BC	1K60	A3E							64	A		Chinese language
J	TOKYO	15920.000	16	10	0438			CHINA N.R.		BC		A3E	116	E	31	39	N	58	290	B	11	
ROU	BELCIUGATELE	15920.000	18	10	0820	0850	43.7	Soh Zi Wang Zhi Sheng	CHN	BC	9K00	A3E							68	A		Chinese language
J	TOKYO	15920.000	29	10	0152			CHINA N.R.		BC		A3E							278	D	11	
KOR	CRMS	15920.000	04	11	0712	0712	22.4		CHN	BC	10K3	A3E									11	
F	RAMBOUILLET	15920.000	08	11	0800	1430	41.0	SOH XI WANG ZHI SHENG			10K0E	A3EG								A	9	
KOR	CRMS	15920.000	12	11	0150	0150	32.2		CHN	BC	14K9	A3E									11	
J	TOKYO	15920.000	19	11	0823			CHINA N.R.		BC		A3E							237	C	11	
J	TOKYO	15920.000	26	11	0622					BC		A3E							251	D		
KOR	CRMS	15920.000	02	12	0000	0050	50.0	36.82			14K8	A3E									11	
KOR	CRMS	15920.000	03	12	0007	0731	731.0	16.239999999999998			14K9	A3E									11	
J	TOKYO	15920.000	03	12	0431			CHINA N.R.		BC		A3E							300	D	11	
J	TOKYO	15920.000	10	12	0151			CHINA N.R.		BC		A3E							251	D	11	
HNG	TARNOK	15920.004	09	11	1002	1500	26.8	SOH XI WANG	CHN	BC	9K23	A3E									11	
J	TOKYO	15940.000	09	10	0622							F1B							348	D		
J	TOKYO	15940.000	26	11	0623				RUS			F1B	135	E	14	48	N	58	345	A		
HNG	TARNOK	15942.000	09	11	1054	1123	33.6				15K0E	F0N										OTHR
F	RAMBOUILLET	15947.000	15	11	0700	0830	22.0				20K0E	PXX								A	9	OTHR
J	TOKYO	15957.000	01	10	0816				RUS			F1B	132	E	15	43	N	06	322	B		
J	TOKYO	15958.610	10	12	0158							F1B							29	C		
J	TOKYO	15959.000	16	10	0443				RUS			F1B	158	E	16	52	N	22	32	B		
J	TOKYO	15959.010	01	10	0819				RUS			F1B	158	E	28	52	N	48	30	B		
J	TOKYO	15969.710	16	10	0447			SOUND OF HOPE		BC		A3E	121	E	24	25	N	23	242	B	11	TAIWAN
J	TOKYO	15969.740	05	11	2357			SOUND OF HOPE		BC		A3E	121	E	21	24	N	01	240	B	11	
J	TOKYO	15969.750	24	12	1023			SOUND OF HOPE		BC		A3E	121	E	11	23	N	40	240	B	11	TAIWAN
J	TOKYO	15970.000	01	10	0825			CHINA N.R.		BC		A3E	121	E	43	31	N	06	259	B	11	
KOR	CRMS	15970.000	02	10	0027	0027	6.0		CHN	BC	14K9	A3E									11	
J	TOKYO	15970.000	09	10	0636					BC		A3E							250	D		
KOR	CRMS	15970.000	11	10	0630	0630	25.6		CHN	BC	14K6	A3E									3	
J	TOKYO	15970.000	16	10	0447			CHINA N.R.		BC		A3E	116	E	34	39	N	55	291	B	11	
J	TOKYO	15970.000	29	10	0155			CHINA N.R.		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	15970.000	15	11	0622	0622	24.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	15970.000	18	11	0437	0437	37.1		CHN	BC	14K9	A3E									11	
J	TOKYO	15970.000	19	11	0832			CHINA N.R.		BC		A3E							287	D	11	
J	TOKYO	15970.000	26	11	0624					BC		A3E							319	D		
KOR	CRMS	15970.000	02	12	0000	0050	50.0	41.96			14K8	A3E									11	
KOR	CRMS	15970.000	03	12	0007	0731	731.0	22.12			9K97	A3E									11	
J	TOKYO	15970.000	03	12	0437			CHINA N.R.		BC		A3E							318	D	11	
J	TOKYO	15970.000	10	12	0205			CHINA N.R.		BC		A3E							250	D	11	
J	TOKYO	15970.000	24	12	1024			CHINA N.R.		BC		A3E	119	E	33	28	N	05	253	B	11	
J	TOKYO	16012.560	06	11	0008							F1B										
J	TOKYO	16018.510	06	11	0009							F1B										
J	TOKYO	16046.990	19	11	0841							F1B							88	D		
J	TOKYO	16046.990	03	12	0442							F1B							87	D		
J	TOKYO	16047.000	01	10	0831				USA			F1B	155	W	34	19	N	09	88	B		HWA
J	TOKYO	16047.000	09	10	0639							F1B							88	D		
J	TOKYO	16047.000	16	10	0449				USA			F1B	158	W	14	21	N	34	88	B		HWA
J	TOKYO	16047.000	06	11	0011				USA			F1B	158	W	14	21	N	23	87	B		
J	TOKYO	16047.000	26	11	0625				USA			F1B	155	W	19	19	N	32	88	B		HWA
J	TOKYO	16047.000	17	12	0008				USA			F1B	158	W	08	21	N	12	87	B		HWA
J	TOKYO	16055.000	19	11	0846							F1B							55	D		
J	TOKYO	16086.750	26	11	0640														171	D		
J	TOKYO	16086.990	19	11	0851							F1B							165	D		
J	TOKYO	16099.950	16	10	0454			SOUND OF HOPE		BC		A3E	121	E	18	25	N	07	243	B	11	TAIWAN
J	TOKYO	16099.990	26	11	0641				CHN	BC		A3E	124	E	50	47	N	02	318	B		
RUS	NYAGAN	16100.000	01	10			21.0		CHN		2K87	A3E	123	E	51	46	N	18	88	A		
RUS	IRKUTSK	16100.000	01	10	0130	0200	8.0		CHN	BC	10K6	A3E	101	E	47	25	N	23	186	A	11	
RUS	VERHNEYE DUBROVO	16100.000	01	10	0546	0553	21.0		CHN		2K87	A3E	123	E	51	46	N	18	78	A		
J	TOKYO	16100.000	01	10	0833			CHINA N.R.		BC		A3E	119	E	36	26	N	08	247	B	11	
RUS	S. PETERSBURG	16100.000	01	10	0850	0900	25.0		CHN	BC		A3E							91	B		
RUS	ARKHANGELSK	16100.000	01	10	0850	0900	14.0		CHN	BC		A3E							104	B		
KOR	CRMS	16100.000	02	10	0027	0027	14.0		CHN	BC	13K2	A3E									6	
KOR	CRMS	16100.000	07	10	0426	0426	1.0		CHN	BC	14K9	A3E									11	
J	TOKYO	16100.000	09	10	0640					BC		A3E							250	D		
ROU	BELCIUGATELE	16100.000	14	10	1102	1158	49.8	China Jammer	CHN	BC	20K0	A3E							72	A	3	Chinese language
J	TOKYO	16100.000	16	10	0455			CHINA N.R.		BC		A3E	116	E	40	40	N	04	290	B	11	
J	TOKYO	16100.000	06	11	0012				CHN	BC		A3E	119	E	17	26	N	03	248	B		
J	TOKYO	16100.000	11	11	1009			CHINA N.R.		BC		A3E	087	E	23	43	N	28	298	B	11	
KOR	CRMS	16100.000	12	11	0150	0150	28.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	16100.000	18	11	0437	0437	19.9		CHN	BC	15K0	A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	16100.000	19	11	0600	1200	24.0				10K0E	D7W								A	9	
J	TOKYO	16100.000	19	11	0857			CHINA N.R.		BC		A3E							297	D	11	
KOR	CRMS	16100.000	02	12	0000	0051	51.0	44.94			14K6	A3E									11	
KOR	CRMS	16100.000	03	12	0007	0731	731.0	16.88			10K4	A3E									11	
J	TOKYO	16100.000	03	12	0445			CHINA N.R.		BC		A3E							318	D	11	
J	TOKYO	16100.000	24	12	1025			CHINA N.R.		BC		A3E	119	E	13	26	N	00	248	B	11	
HNG	TARNOK	16100.002	11	11	0900	1200	17.7			BC	10K0E	A3E									11	
J	TOKYO	16100.030	17	12	0016			SOUND OF HOPE		BC		A3E	121	E	22	24	N	06	240	B	11	TAIWAN
HNG	TARNOK	16112.000	11	11	0744	0746	58.6				100H	A1B										
F	RAMBOUILLET	16124.000	19	11	1040	1800	24.0				10K0E	D7W								A	9	
HNG	TARNOK	16134.900	11	11	0726	0734	31.1				2K40E	G1D										MIL-188-110A
J	TOKYO	16134.980	01	10	0835			KVM70				F3C	157	W	56	21	N	34	87	B		
J	TOKYO	16135.000	10	12	0213			KVM70				F3C										
RUS	S. PETERSBURG	16160.000	01	10	0835	0845	34.0		CHN	BC	13K9	A3E							77	B		
RUS	ARKHANGELSK	16160.000	01	10	0835	0845	18.0		CHN	BC	13K5	A3E							87	B		
RUS	MOROZOVSK	16160.000	01	10	1000	1015	50.0		CHN	BC	3K00	A3E	120	E	42	24	N	23	82	B		
RUS	IRKUTSK	16160.000	01	10	1130	1200	12.0		CHN	BC	10K5	A3E	102	E	32	24	N	09	184	A	11	
KOR	CRMS	16160.000	02	10	0027	0027	13.2		CHN	BC	10K9	A3E									6	
KOR	CRMS	16160.000	15	10	0641	0641	27.7		CHN	BC	14K4	A3E									11	
J	TOKYO	16160.000	16	10	0455			CHINA N.R.		BC		A3E	126	E	49	45	N	47	320	B	11	
J	TOKYO	16160.000	29	10	0203			CHINA N.R.		BC		A3E							256	D	11	
J	TOKYO	16160.000	06	11	0012				CHN	BC		A3E	116	E	28	30	N	41	289	B		
J	TOKYO	16160.000	11	11	1010			CHINA N.R.		BC		A3E	086	E	10	44	N	10	299	B	11	
KOR	CRMS	16160.000	12	11	0150	0150	32.0		CHN	BC	13K8	A3E									11	
KOR	CRMS	16160.000	13	11	0100	0100	22.2		CHN	BC	14K9	A3E									11	
F	RAMBOUILLET	16160.000	19	11	0600	1400	18.0				10K0E	D7W								A	9	
J	TOKYO	16160.000	19	11	0909			CHINA N.R.		BC		A3E							248	D	11	
J	TOKYO	16160.000	26	11	0642					BC		A3E							250	C		
KOR	CRMS	16160.000	02	12	0000	0051	51.0	38.770000000000003			12K2	A3E									11	
KOR	CRMS	16160.000	03	12	0007	0731	731.0	18.63			10K2	A3E									11	
J	TOKYO	16160.000	03	12	0449			CHINA N.R.		BC		A3E							253	D	11	
J	TOKYO	16160.000	10	12	0217			CHINA N.R.		BC		A3E							257	D	11	
J	TOKYO	16160.000	24	12	1028				CHN	BC		A3E	121	E	11	23	N	49	240	B		TAIWAN
HNG	TARNOK	16160.003	11	11	0900	1200	26.0			BC	10K0E	A3E									11	
J	TOKYO	16160.090	01	10	0840			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16160.110	17	12	0019			SOUND OF HOPE		BC		A3E	120	E	48	23	N	30	240	B	11	TAIWAN
HNG	TARNOK	16176.000	11	11	0627	0647	43.8				12K0E	F0N										OTHR
J	TOKYO	16180.000	01	10	0852				RUS			F1B	038	E	20	55	N	07	322	B		
HNG	TARNOK	16180.000	11	11	0834	1016	31.0				600HE	F1B										500HZ

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	16180.000	11	11	0846		40.0				H650E	F1B							39	B		
J	TOKYO	16180.000	19	11	0914							F1B							324	D		
J	TOKYO	16180.010	11	11	1012				RUS			F1B	131	E	54	43	N	26	323	B		
HNG	TARNOK	16200.000	11	11	0619	0758	18.5				250HE	F1B										200HZ
F	RAMBOUILLET	16200.000	19	11	0600	1800	37.0				10K0E	D7W								A	9	
J	TOKYO	16200.000	26	11	0643							F1B							325	D		
I	ROMA	16207.000	14	10	0913		33.0	1EB41EB2952	RUS	FX	250HE	F1B							14	A		50BD
ROU	BELCIUGATELE	16207.000	14	10	1202	1334	35.2	Russian Navy Data	RUS	FX	1K00	F1B							8	A		
I	ROMA	16207.000	11	11	0851		8.0	1EB41EB2952	RUS	FX	250HE	F1B							14	A		50BD
J	TOKYO	16207.000	11	11	1020				RUS			F1B	133	E	49	50	N	56	345	B		
J	TOKYO	16207.000	19	11	0917				RUS			F1B	135	E	07	43	N	49	337	B		
F	RAMBOUILLET	16207.000	21	11	0700	1500	28.0				300HE	F1B								A	9	
J	TOKYO	16228.000	01	10	0857				CHN	BC		D7W	113	E	26	35	N	04	277	B		
I	ROMA	16234.000	11	11	0853		10.0	1EB41EB2952	RUS	FX	250HE	F1B							39	B		50 BD
F	RAMBOUILLET	16234.000	21	11	0800	1500	27.0				300HE	F1B								A	9	
F	RAMBOUILLET	16236.100	22	11	1000	1800	27.0				250HE	F1B								A	9	50 BAUDS
J	TOKYO	16268.480	29	10	0210							F1B							329	D		
J	TOKYO	16268.500	03	12	0454							F1B							56	D		
J	TOKYO	16268.500	17	12	0022				USA			F1B	122	W	09	37	N	36	55	B		
J	TOKYO	16268.510	10	12	0230							F1B										
J	TOKYO	16292.570	09	10	0642			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16299.560	16	10	0500			SOUND OF HOPE		BC		A3E	121	E	30	25	N	29	240	B	11	TAIWAN
J	TOKYO	16299.580	01	10	0900			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16299.580	26	11	0645			SOUND OF HOPE		BC		A3E	120	E	53	24	N	02	240	B	11	TAIWAN
J	TOKYO	16299.590	03	12	0500			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16299.600	29	10	0214			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16299.610	19	11	0921			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16299.620	10	12	0234			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	16299.640	24	12	1029			SOUND OF HOPE		BC		A3E	121	E	27	24	N	01	240	B	11	TAIWAN
KOR	CRMS	16300.000	04	10	0805	0805	1.0		CHN	BC	14K8	A3E									11	
KOR	CRMS	16300.000	15	11	0623	0623	18.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	16300.000	03	12	0007	0731	731.0	-9.48			15K0	A3E									11	
RUS	S. PETERSBURG	16316.000	02	10	0910	0915	37.0		POL	FX		F1B							237	B		
RUS	ARKHANGELSK	16316.000	02	10	0910	0915	6.0		POL	FX		F1B							237	B		
I	ROMA	16316.000	11	11	0855		21.0	1EB41EB2952	RUS	FX	300HE	F1B							18	A		50BD
J	TOKYO	16331.700	11	11	1022							A1A										
J	TOKYO	16331.700	19	11	0925							A1A										
J	TOKYO	16331.700	03	12	0507			D				A1A										
F	RAMBOUILLET	16332.000	22	11	0800	1800	25.0				250HE	F1B								A	9	100 BAUDS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	16332.190	03	12	0516			F				A1A							324	D		
J	TOKYO	16332.200	09	10	0648			F				A1A							326	D		
J	TOKYO	16332.200	16	10	0504			F				A1A	132	E	38	43	N	23	326	B		
J	TOKYO	16332.200	26	11	0647			F				A1A	131	E	21	43	N	29	324	B		
J	TOKYO	16332.200	17	12	0028			F				A1A	131	E	58	43	N	21	322	B		
J	TOKYO	16332.290	03	12	0520			K				A1A							30	D		
J	TOKYO	16332.300	09	10	0649			K				A1A							27	D		
J	TOKYO	16332.300	16	10	0504			K				A1A	157	E	35	53	N	51	28	B		
J	TOKYO	16332.300	29	10	0219			F				A1A							322	D		
J	TOKYO	16332.300	06	11	0016			K				A1A	157	E	29	53	N	27	28	B		
J	TOKYO	16332.300	26	11	0650			K				A1A							27	D		
J	TOKYO	16332.300	17	12	0028			K				A1A	158	E	39	52	N	56	26	B		
J	TOKYO	16332.310	10	12	0238			K				A1A										
J	TOKYO	16332.400	09	10	0650			M				A1A							358	D		
J	TOKYO	16332.400	16	10	0504			M				A1A	137	E	46	50	N	24	353	B		
J	TOKYO	16332.400	26	11	0651			M				A1A							358	D		
J	TOKYO	16332.400	17	12	0028			M				A1A	136	E	25	49	N	55	349	B		
J	TOKYO	16357.020	11	11	1031				RUS			F1B	106	E	59	52	N	07	315	B		
J	TOKYO	16400.100	03	12	0523			SOUND OF HOPE		BC		A3E							242	D	11	
HNG	TARNOK	16440.000	13	11	1037	1104	41.7				30K0E	F0N										OTHR
G	BALDOCK	16441.000	02	10	0956	1001			RUS	LR		P0N							69	A		
HNG	TARNOK	16445.000	13	11	0709	0729	43.1				30K0E	F0N										OTHR
F	RAMBOUILLET	16448.000	16	10	1515	1545	24.0				30K0E	PXX								A	9	OTHR
RUS	BELGOROD	16501.780	03	10	0643	0649	49.9		I		2K90	G1D	017	E	16	40	N	28	240	B		
G	BALDOCK	16501.800	02	10	1002	1004			I	FC	3K00E	G1D							126	A		
RUS	S. PETERSBURG	16502.000	03	10	0700	0710	26.0		MNE	FX	2K97	G1D							205	B		
RUS	ARKHANGELSK	16502.000	03	10	0700	0710	10.0		MNE	FX	2K97	G1D							219	B		
G	BALDOCK	16528.000	02	10	1004	1008		WILUNA AIR RADIO	AUS	FA	2K80E	J3E							85	A		
J	TOKYO	16528.000	19	11	0745							J3E							202	D		
J	TOKYO	16528.000	26	11	0601							J3E							203	D		
J	TOKYO	16546.000	19	11	0747							J3E							174	D		
G	BALDOCK	16557.000	02	10	1021	1026			RUS	FC	3K30E	J7D							34	B		LSB,
J	TOKYO	16558.990	26	11	0605			XSG		FC		F3C	121	E	26	31	N	21	261	B		
J	TOKYO	16559.000	09	10	0603			XSG		FC		F3C										
J	TOKYO	16559.000	29	10	0135			XSG		FC		F3C										
J	TOKYO	16559.000	11	11	1003			XSG		FC		F3C										
J	TOKYO	16559.000	19	11	0750			XSG		FC		F3C	121	E	38	31	N	34	261	B		
J	TOKYO	16559.000	10	12	0140			XSG		FC		F3C							260	C		
F	RAMBOUILLET	16577.000	18	10	0600	1800	45.0				3K00E	J7B								A	9	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	16577.500	18	10	0727	0801	36.6	Digital		FX	3K00	J7D							243	A		
RUS	BELGOROD	16577.560	03	10	1023	1030	17.5		I		2K90	G1D	016	E	51	41	N	05	242	B		
KOR	CRMS	16600.000	04	10	0805	0805	-6.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	16600.000	14	11	0631	0631	23.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	16600.000	03	12	0007	0731	731.0	-3.87			14K1	A3E									11	
J	TOKYO	16600.060	01	10	0749			SOUND OF HOPE		BC		A3E	120	E	27	23	N	43	241	B	11	TAIWAN
J	TOKYO	16600.060	09	10	0605			SOUND OF HOPE		BC		A3E	120	E	46	23	N	53	240	B	11	TAIWAN
J	TOKYO	16600.060	16	10	0416			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	16600.080	29	10	0137			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16600.080	11	11	1005			SOUND OF HOPE		BC		A3E	120	E	29	23	N	51	240	B	11	TAIWAN
J	TOKYO	16600.090	26	11	0606			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16600.100	19	11	0752			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	16600.100	03	12	0416			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	16600.130	24	12	1009			SOUND OF HOPE		BC		A3E	120	E	51	23	N	59	240	B	11	TAIWAN
J	TOKYO	16600.140	16	12	2346			SOUND OF HOPE		BC		A3E							241	D	11	
RUS	BELGOROD	16602.000	03	10	1015	1020	19.3		TUR		2K50	J7D	043	E	10	38	N	19	157	B		
J	TOKYO	16680.230	16	12	2350			SOUND OF HOPE		BC		A3E	093	E	18	47	N	33	275	A	11	KOR
J	TOKYO	16680.260	05	11	2346			SOUND OF HOPE		BC		A3E							283	D	11	
J	TOKYO	16680.260	10	12	0142			SOUND OF HOPE		BC		A3E	128	E	09	36	N	34	279	B	11	KOR
J	TOKYO	16680.280	26	11	0607			SOUND OF HOPE		BC		A3E	127	E	02	36	N	04	277	B	11	KOR
J	TOKYO	16680.280	03	12	0417			SOUND OF HOPE		BC		A3E							281	D	11	
J	TOKYO	16680.290	19	11	0755					BC		A3E										
J	TOKYO	16680.300	01	10	0752			SOUND OF HOPE		BC		A3E							281	C	11	
J	TOKYO	16680.300	29	10	0138			SOUND OF HOPE		BC		A3E	127	E	52	36	N	56	283	B	11	KOR
J	TOKYO	16680.310	16	10	0419			SOUND OF HOPE		BC		A3E							271	D	11	
J	TOKYO	16680.330	09	10	0607			SOUND OF HOPE		BC		A3E							280	C	11	
HNG	TARNOK	16732.000	15	11	1203	1233	41.4				12K0E	F0N										OTHR
HNG	TARNOK	16742.000	15	11	1316	1330	43.3				12K0E	F0N										OTHR
HNG	TARNOK	16752.000	15	11	0628	0643	47.1				100H	A1B										
J	TOKYO	16789.770	01	10	0754			SOUND OF HOPE		BC		A3E	120	E	27	23	N	43	241	B	11	TAIWAN
J	TOKYO	16789.770	16	10	0423			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	16789.820	29	10	0139			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16789.820	03	12	0420			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16789.830	26	11	0608			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16789.840	05	11	2350			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16789.840	19	11	0756			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16789.850	10	12	0145			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16789.910	24	12	1011			SOUND OF HOPE		BC		A3E	120	E	51	23	N	59	240	B	11	TAIWAN
J	TOKYO	16789.940	16	12	2358			SOUND OF HOPE		BC		A3E							242	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	16798.500	15	11	1306	1310	50.9				800HE	F1B										
J	TOKYO	16800.060	01	10	0755			SOUND OF HOPE		BC		A3E	120	E	27	23	N	43	241	B	11	TAIWAN
J	TOKYO	16800.070	16	10	0426			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16800.140	16	12	2359			SOUND OF HOPE		BC		A3E							239	D	11	
RUS	BELGOROD	16804.500	04	10	1011	1012	4.8		GRC		230H	F1B	021	E	46	37	N	53	225	B		
HNG	TARNOK	16804.500	15	11	0750	0759	36.1				250HE	F1B										
J	TOKYO	16806.500	03	12	0424							F1B										
G	BALDOCK	16808.200	05	10	2232	2236				MS	250HE	F1B							226	B		50BD, SOUTH
RUS	SAMARA	16825.000	04	10	1230	1325	45.0		CHN	BC	10K0	A3E	092	E	17	39	N	46	98	A		
J	TOKYO	16826.300	16	10	0430			XSQ		FC		F3C										
J	TOKYO	16826.300	03	12	0428			XSQ		FC		F3C							247	D		TAIWAN
J	TOKYO	16826.300	17	12	0004			XSQ		FC		F3C	114	E	16	22	N	22	247	A		
RUS	SAMARA	16830.000	04	10	1310	1400	56.0		GRC	RN	100H	F1B	023	E	37	40	N	15	245	A		
RUS	BELGOROD	16830.500	04	10	1340	1344	26.5		GRC		210H	F1B	022	E	54	39	N	30	226	B		
J	TOKYO	16830.500	26	11	0617							F1B							139	D		
RUS	SAMARA	16849.000	04	10	1235	1346	48.0		CHN	AT	100H	A1A	094	E	16	38	N	38	98	A		
RUS	BELGOROD	16850.290	07	10	1322	1325	29.7		CHN		400H	F1B	110	E	20	27	N	03	83	B		
F	RAMBOUILLET	16865.000	28	10	0700	0700	41.0				25K0E	PXX								A	9	OTHR
J	TOKYO	16879.990	05	11	2356			XSQ		FC		F1B										
J	TOKYO	16879.990	26	11	0618			XSQ		FC		F1B										
J	TOKYO	16880.000	01	10	0757			XSQ		FC		F1B										
G	BALDOCK	16880.000	05	10	2237	2241		XSQ	CHN	FX	440HE	F1B							56	A		
J	TOKYO	16880.000	09	10	0612			XSQ		FC		F1B										
J	TOKYO	16880.000	29	10	0152			XSQ		FC		F1B										
J	TOKYO	16880.000	11	11	1012			XSQ		FC		F1B										
J	TOKYO	16880.000	19	11	0803			XSQ		FC		F1B										
J	TOKYO	16880.000	10	12	0148			XSQ		FC		F1B										
J	TOKYO	16880.000	17	12	0011			XSQ		FC		F1B										
J	TOKYO	16880.000	24	12	1013			XSQ		FC		F1B										
J	TOKYO	16888.000	26	11	0619							F1B							30	C		
J	TOKYO	16888.000	03	12	0439							F1B							30	D		
J	TOKYO	16898.490	01	10	0759			XSG		FC		F1B										
J	TOKYO	16898.490	09	10	0615			XSG		FC		F1B										
J	TOKYO	16898.490	16	10	0435			XSG		FC		F1B										
J	TOKYO	16898.490	29	10	0153			XSG		FC		F1B										
J	TOKYO	16898.490	05	11	2358			XSG		FC		F1B										
J	TOKYO	16898.490	11	11	1015			XSG		FC		F1B										
J	TOKYO	16898.490	19	11	0806			XSG		FC		F1B										
J	TOKYO	16898.490	26	11	0620			XSG		FC		F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	16898.490	10	12	0151			XSG		FC		F1B										
J	TOKYO	16898.490	17	12	0012			XSG		FC		F1B										
RUS	BELGOROD	16899.760	07	10	1314	1317	24.2	XSG	CHN		210H	F1B	121	E	32	31	N	06	73	B		
F	RAMBOUILLET	16926.000	29	10	0000	2400	75.0				25K0E	PXX								A	9	OTHR
F	RAMBOUILLET	16940.000	29	10	0920	0945	50.0				25K0E	PXX								A	9	OTHR
J	TOKYO	16959.500	26	11	0623														154	D		
RUS	BELGOROD	16967.800	07	10	0714	0717	26.9		E		3K40	G1D	001	E	04	41	N	52	264	B		
ROU	BELCIUGATELE	16967.800	18	10	0731	0806	39.0	Data Telex		FX	3K00	J7D							277	A		
I	ROMA	16967.800	11	11	0957		42.0		F	FX	3K10E	G1D							283	A		STANAG 4285 2400BD
RUS	S. PETERSBURG	16968.000	07	10	0645	0655	30.0		F	FX	3K24	G1D							238	B		
RUS	ARKHANGELSK	16968.000	07	10	0645	0655	9.0		F	FX	3K24	G1D							245	B		
J	TOKYO	16979.930	16	10	0439			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16979.940	09	10	0625			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16979.950	29	10	0155			SOUND OF HOPE		BC		A3E	120	E	52	24	N	27	240	B	11	TAIWAN
J	TOKYO	16979.960	26	11	0624			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16979.960	03	12	0441			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16979.970	19	11	0812			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	16979.970	10	12	0153			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	16980.000	10	10	0713	0713	-2.2		CHN	BC	14K5	A3E									11	
KOR	CRMS	16980.000	12	11	0150	0150	18.2		CHN	BC	14K8	A3E									11	
KOR	CRMS	16980.000	03	12	0007	0731	731.0	7.81			11K4	A3E									11	
G	BALDOCK	16984.000	05	10	2302	2306			F	FC	290HE	F1B							214	B		
RUS	BELGOROD	17000.000	07	10	0717	0721	32.4		CYP	LR	25K5		032	E	56	34	N	37	191	B		
J	TOKYO	17040.000	01	10	0807							F1B							321	D		
G	BALDOCK	17040.000	05	10	2258	2301			RUS	FC	290HE	F1B							30	B		50 BAUD,
J	TOKYO	17040.000	09	10	0626							F1B							323	C		
J	TOKYO	17040.000	16	10	0446							F1B							327	D		
J	TOKYO	17040.000	29	10	0157				RUS			F1B	132	E	04	43	N	23	321	B		
J	TOKYO	17040.000	26	11	0632				RUS			F1B	132	E	03	43	N	11	323	A		
J	TOKYO	17040.000	03	12	0446							F1B							321	D		
J	TOKYO	17040.000	10	12	0154				RUS			F1B	132	E	12	43	N	32	323	B		
J	TOKYO	17040.000	17	12	0017				RUS			F1B	132	E	47	42	N	49	322	A		
G	BALDOCK	17062.400	05	10	2256	2258			I	FC	3K00E	G1D							128	A		
J	TOKYO	17070.300	09	10	0627			SOUND OF HOPE		BC		A3E							274	C	11	
J	TOKYO	17070.300	16	10	0450			SOUND OF HOPE		BC		A3E							278	D	11	
J	TOKYO	17070.310	01	10	0808			SOUND OF HOPE		BC		A3E	127	E	13	37	N	04	281	B	11	KOR
J	TOKYO	17070.310	29	10	0204			SOUND OF HOPE		BC		A3E							281	C	11	
J	TOKYO	17070.330	26	11	0633			SOUND OF HOPE		BC		A3E	128	E	16	36	N	26	279	B	11	KOR
J	TOKYO	17070.330	03	12	0448			SOUND OF HOPE		BC		A3E							279	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	17070.340	05	10	2252	2256		?	CHN	BC	9K00E	A3E							36	A	3	
J	TOKYO	17070.340	06	11	0006			SOUND OF HOPE		BC		A3E	126	E	58	37	N	14	282	A	11	
J	TOKYO	17070.350	10	12	0155			SOUND OF HOPE		BC		A3E	127	E	40	36	N	32	282	B	11	KOR
J	TOKYO	17070.360	17	12	0020			SOUND OF HOPE		BC		A3E	126	E	55	37	N	04	282	A	11	KOR
J	TOKYO	17083.000	01	10	0810							F1B							321	D		
J	TOKYO	17083.000	09	10	0635				RUS			F1B	132	E	05	43	N	41	321	A		
J	TOKYO	17083.000	29	10	0207				RUS			F1B	131	E	51	43	N	28	322	A		
J	TOKYO	17083.000	17	12	0022				RUS			F1B	132	E	31	42	N	59	323	A		
J	TOKYO	17099.300	26	11	0634														116	D		
J	TOKYO	17099.380	03	12	0453														115	D		
J	TOKYO	17099.400	19	11	0814														116	C		
G	BALDOCK	17102.000	12	10	1819	1823			RUS	FC	290HE	F1B							31	A		
G	BALDOCK	17108.400	05	10	2249	2251			F	FC	3K00E	G1D							258	A		
RUS	BELGOROD	17115.700	08	10	1256	1258	22.4		AUS		2K90	G1D							115	C		
G	BALDOCK	17115.800	05	10	2246	2249			F	FX	3K00E	G1D							158	A		
J	TOKYO	17120.710	19	11	0815							F1B										
ROU	BELCIUGATELE	17122.700	18	10	0808	0841	38.2	Data		FX	3K00	J7D							276	A		
I	ROMA	17122.800	11	11	1000		39.0		F	FX	3K00E	G1D							283	A		STANAG 4285
HNG	TARNOK	17122.800	17	11	0700	1630	37.2				3K00E	G1D										STANAG 4285
RUS	BELGOROD	17127.450	08	10	1303	1307	18.1		AUS		3K13	G1D							87	C		
J	TOKYO	17127.500	19	11	0816														153	D		
J	TOKYO	17149.890	09	10	0636			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	17149.920	29	10	0210			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	17149.930	11	11	1026			SOUND OF HOPE		BC		A3E	121	E	00	24	N	22	240	B	11	TAIWAN
J	TOKYO	17149.930	26	11	0635			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	17149.930	03	12	0454			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	17149.950	19	11	0821			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	17149.960	06	11	0010			SOUND OF HOPE		BC		A3E							242	D	11	KOR
J	TOKYO	17149.960	10	12	0203			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	17149.960	24	12	1015			SOUND OF HOPE		BC		A3E	120	E	51	23	N	59	240	B	11	TAIWAN
J	TOKYO	17150.000	17	12	0025			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	17169.930	01	10	0813			SOUND OF HOPE		BC		A3E							241	C	11	
HNG	TARNOK	17190.000	17	11	0750	0810	46.5				20K0E	F0N										OTHR
RUS	BELGOROD	17228.000	08	10	1258	1303	22.0		E		2K90	G1D	001	E	18	42	N	35	265	B		
RUS	BELGOROD	17230.360	08	10	1314	1318	10.7		AUS		2K90	G1D							100	C		
J	TOKYO	17230.400	19	11	0822														176	D		
J	TOKYO	17234.050	03	12	0501							F1B							323	D		
F	RAMBOUILLET	17239.000	07	11	0900	1900	32.0				3K00E	J7B								A	9	
G	BALDOCK	17239.400	05	10	2244	2246			E	FC	3K00E	G1D							212	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	17239.400	11	11	1005		32.0		E	FX	3K10	G1D							267	A		STANAG 4285 2400BD
RUS	BELGOROD	17239.420	08	10	1307	1314	5.9		E		3K10	G1D	015	W	31	28	N	04	260	B		
RUS	S. PETERSBURG	17239.500	08	10	1225	1233	15.0		E	FX	3K32	G1D							239	B		
J	TOKYO	17398.000	10	12	0207							J3E							250	C		
RUS	SMOLENSK	17400.000	09	10	0530	0630	8.0		THA	BC	2K99	A3E	098	E	50	16	N	51	119	B		
RUS	BELGOROD	17400.000	09	10	0533	0536	48.4		CYP		3K10	G1D	033	E	13	35	N	18	190	B		
I	ROMA	17400.000	11	11	1124		20.0			FX	3K00E	G1D							107	A		STANAG 4285 2400BD
F	RAMBOUILLET	17400.000	14	11	0700	1410	31.0				3K00E	J7B								A	9	
J	TOKYO	17400.230	01	10	0815			SOUND OF HOPE		BC		A3E	107	E	04	47	N	54	308	B	11	MNG
J	TOKYO	17400.230	09	10	0638			SOUND OF HOPE		BC		A3E	106	E	55	48	N	02	307	B	11	MNG
J	TOKYO	17400.230	16	10	0455			SOUND OF HOPE		BC		A3E							272	D	11	
J	TOKYO	17400.230	29	10	0213			SOUND OF HOPE		BC		A3E							306	D	11	
J	TOKYO	17400.230	19	11	0824			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	17400.240	06	11	0014			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	17400.240	26	11	0643			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	17400.240	03	12	0503			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	17400.240	17	12	0030			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	17400.240	24	12	1017				KOR	BC		A3E	127	E	51	37	N	00	272	B		
HNG	TARNOK	17426.500	19	11	0958	1009	47.2				1K80	G7D										MIL-STD-188-110 16 TONE
G	BALDOCK	17429.000	05	10	2241	2244			USA	RN	10K0E	P0N							289	A		
F	RAMBOUILLET	17430.000	22	11	1510	1525	32.0				20K0E	PXX								A	9	OTHR
KOR	CRMS	17440.000	04	10	0806	0806	-2.9		CHN	BC	14K9	A3E									6	
KOR	CRMS	17440.000	12	11	0151	0151	15.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	17440.000	02	12	0000	0052	52.0	26.45			14K8	A3E									11	
J	TOKYO	17440.050	01	10	0818			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	17440.050	16	10	0459			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	17440.050	06	11	0023			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	17440.050	11	11	1028			SOUND OF HOPE		BC		A3E	121	E	00	24	N	22	240	B	11	TAIWAN
J	TOKYO	17440.060	09	10	0642			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	17440.060	19	11	0825			SOUND OF HOPE		BC		A3E	120	E	19	23	N	39	241	B	11	TAIWAN
J	TOKYO	17440.060	03	12	0505			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	17440.060	10	12	0209			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	17440.060	24	12	1019			SOUND OF HOPE		BC		A3E	120	E	44	24	N	06	240	B	11	TAIWAN
J	TOKYO	17440.070	17	12	0035			SOUND OF HOPE		BC		A3E							241	D	11	
G	BALDOCK	17452.000	12	10	1814	1818			UKR	FC	290HE	F1B							95	A		
HNG	TARNOK	17452.000	19	11	0639	0655	33.5				250HE	F1B										170HZ
HNG	TARNOK	17460.000	19	11	0639	0650	35.0				250HE	F1B										170HZ
HNG	TARNOK	17468.000	19	11	1511	1543	50.7				20K0E	F0N										OTHR
J	TOKYO	17475.000	01	10	0820							F1B							323	D		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	17475.000	09	10	0648				RUS			F1B	132	E	14	43	N	48	327	B		
HNG	TARNOK	17475.000	19	11	0620	0858	46.1				600HE	F1B										500HZ
J	TOKYO	17475.000	26	11	0648							F1B							325	D		
G	BALDOCK	17480.000	05	10	0915	0920				FX	3K00E	G1D							128	B		
RUS	SMOLENSK	17485.000	10	10	0600	0700	39.0		CHN	BC	2K99	A3E	076	E	24	38	N	48	286	B		
RUS	BELGOROD	17485.000	10	10	0608	0612	64.2		CHN	BC	9K40	A3E	075	E	43	39	N	22	97	B		
G	BALDOCK	17490.000	05	10	0920	0925		CRI	CHN	BC	9K00E	A3E							75	A		
I	ROMA	17490.000	08	10	0850		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
RUS	ARKHANGELSK	17490.000	10	10	0705	0710	41.0		CHN	BC		A3E							124	B		
RUS	S. PETERSBURG	17490.000	10	10	0705	0710	44.0		CHN	BC	10K4	A3E							106	B		
RUS	BELGOROD	17490.000	10	10	1000	1004	77.3		CHN	BC	10K5	A3E	075	E	43	39	N	22	97	B		
RUS	MOROZOVSK	17490.000	10	10	1600	1800	19.0		CHN	BC	12K0	A3E							87	B		
I	ROMA	17490.000	16	10	0705		31.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
I	ROMA	17490.000	29	10	0803		31.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
I	ROMA	17490.000	31	10	0816		34.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
I	ROMA	17490.000	07	11	0821		27.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
F	RAMBOUILLET	17490.000	12	11	0700	1300	32.0	CRI			10K0E	A3EG								A	9	
I	ROMA	17490.000	12	11	0901		34.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	17490.000	15	11	1048	1124	58.2	China Radio International	CHN	BC	10K0	A3E							84	A		Kashi-saibagh English language
I	ROMA	17490.000	19	11	0847		32.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
I	ROMA	17490.000	27	11	0856		30.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	17490.000	12	12	0000	2400	59.1	China Radio International	CHN	BC	9K00	A3E							83	A		English language
I	ROMA	17490.000	17	12	0831		30.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
RUS	NYAGAN	17510.000	10	10			20.0		CHN		2K39	A3E	084	E	14	32	N	23	149	A		
RUS	VERHNEYE DUBROVO	17510.000	10	10	0600	0604	20.0		CHN		2K39	A3E	084	E	14	32	N	23	137	A		
RUS	BELGOROD	17510.000	10	10	0612	0617	60.9		CHN	BC	10K0	A3E	075	E	43	39	N	22	97	B		
RUS	SMOLENSK	17520.000	10	10	0600	0700	37.0		CHN	BC	2K66	A3E	074	E	14	39	N	47	281	B		
RUS	BELGOROD	17520.000	10	10	0617	0619	62.6		CHN	BC	9K30	A3E	075	E	43	39	N	22	97	B		
ROU	BELCIUGATELE	17520.000	23	10	0600	0700	71.4	China Radio International	CHN	BC	10K0	A3E							82	A		Kashi-saibagh Italian language
G	BALDOCK	17530.000	05	10	0925	0930		CRI	CHN	BC	9K00E	A3E							239	B		LONG
RUS	SMOLENSK	17530.000	10	10	0600	0700	34.0		CHN	BC	2K99	A3E	083	E	14	32	N	37	98	B		
RUS	BELGOROD	17530.000	10	10	1004	1006	70.4		CHN	BC	9K80	A3E	108	E	37	34	N	23	78	B		
KOR	CRMS	17530.000	25	11	0544	0544	26.3		CHN	BC	14K7	A3E									6	
J	TOKYO	17536.500	10	12	0212														283	C		
RUS	BELGOROD	17540.000	10	10	0619	0622	62.2		CHN	BC	9K40	A3E	075	E	43	39	N	22	97	B		
RUS	S. PETERSBURG	17540.000	10	10	0725	0735	35.0		CHN	BC	10K2	A3E							106	B		
RUS	ARKHANGELSK	17540.000	10	10	0725	0735	22.0		CHN	BC		A3E							124	B		
I	ROMA	17540.000	16	10	0707		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17540.000	23	10	0719	0755	41.2	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh English language

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	17540.000	13	11	1120	1255	37.0				25K0E	PXX								A	9	OTHR
I	ROMA	17540.000	19	11	0849		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	SMOLENSK	17550.000	10	10	0600	0700	34.0		CHN	BC	2K99	A3E	114	E	17	39	N	47	86	B		
RUS	BELGOROD	17550.000	10	10	0622	0625	68.6		CHN	BC	10K0	A3E	116	E	50	37	N	44	70	B		
RUS	ARKHANGELSK	17550.000	10	10	0735	0740	13.0		CHN	BC		A3E							84	B		
RUS	S. PETERSBURG	17550.000	10	10	0735	0740	24.0		CHN	BC	13K1	A3E							72	B		
RUS	MOROZOVSK	17550.000	10	10	0900	0915	29.0		CHN	BC	3K00	A3E	110	E	43	36	N	12	76	B		
I	ROMA	17550.000	16	10	0710		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
KOR	CRMS	17550.000	23	10	0044	0044	36.1	CNR	CHN	BC	10K4	A3E									6	
ROU	BELCIUGATELE	17550.000	23	10	0706	0754	41.8	CNR 1 Voice of China	CHN	BC	10K0	A3E							62	A		Beijing Chinese language
I	ROMA	17550.000	29	10	0805		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
I	ROMA	17550.000	07	11	0823		22.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
I	ROMA	17550.000	12	11	0903		30.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
F	RAMBOUILLET	17550.000	13	11	0700	1000	38.0	CNR 1			10K0	A3EG								A		
HNG	TARNOK	17550.000	20	11	1400	1500	42.4	CNR	CHN	BC	8K98	A3E										
I	ROMA	17550.000	27	11	0858		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
RUS	NYAGAN	17550.400	10	10			27.0		CHN		2K07	A3E	115	E	57	37	N	16	105	A		
RUS	VERHNEYE DUBROVO	17550.400	10	10	0619	0622	27.0		CHN		2K07	A3E	115	E	57	37	N	16	95	A		
HNG	TARNOK	17555.000	20	11	1510	1525	55.4	JRC RADIO	MDG	BC	8K20	A3E										
G	BALDOCK	17560.000	05	10	0940	0945			CHN	BC	9K00E	A3E							48	B		
I	ROMA	17560.000	08	10	0853		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
RUS	ARKHANGELSK	17560.000	10	10	0805	0815	34.0		CHN	BC		A3E							93	B		
RUS	S. PETERSBURG	17560.000	10	10	0805	0815	49.0		CHN	BC	13K1	A3E	107	E	09	32	N	58	83	B		
RUS	ARKHANGELSK	17560.000	10	10	1220	1225	54.0		CHN	BC	17K9	A3E							124	B		
RUS	S. PETERSBURG	17560.000	10	10	1220	1225	58.0		CHN	BC	10K9	A3E							107	B		
ROU	BELCIUGATELE	17560.000	15	10	1330	1400	63.3	China Radio International	CHN	BC	9K00	A3E							82	A		French language
ROU	BELCIUGATELE	17560.000	23	10	0757	0829	54.5	China Radio International	CHN	BC	10K0	A3E							70	A		Xianyang Chinese language
J	TOKYO	17560.010	06	11	0026							F1B							337	D		
I	ROMA	17565.000	16	10	0712		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							52	A		
ROU	BELCIUGATELE	17565.000	23	10	0655	0730	43.3	Unknown		BC	10K0	A3E							246	A		Chinese language
KOR	CRMS	17565.000	18	12	0004	0455	455.0	22.86	E		14K6	A3E									3	
RUS	NYAGAN	17565.300	10	10			20.0		CHN		2K40	A3E	116	E	09	34	N	56	107	A		
RUS	VERHNEYE DUBROVO	17565.300	10	10	0614	0619	20.0		CHN		2K40	A3E	116	E	09	34	N	56	97	A		
G	BALDOCK	17570.000	05	10	0945	0950		CRI	CHN	BC	9K00E	A3E							63	B		
RUS	S. PETERSBURG	17570.000	10	10	0945	0950	64.0		CHN	BC	10K1	A3E	083	E	38	44	N	02	92	B		
RUS	ARKHANGELSK	17570.000	10	10	0945	0950	52.0		CHN	BC		A3E							106	B		
RUS	BELGOROD	17570.000	10	10	1006	1008	73.4		CHN	BC	9K10	A3E	075	E	43	39	N	22	97	B		
RUS	MOROZOVSK	17570.000	10	10	1600	1800	17.0		MDG	BC	9K00	A3E	046	E	59	18	S	36	175	B		
ROU	BELCIUGATELE	17570.000	18	10	1120	1150	76.6	China Radio International	CHN	BC	9K00	A3E							82	A		Czech language

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	17570.000	23	10	1018	1052	61.8	China Radio International	CHN	BC	10K0	A3E							82	A		Kashi-saibagh Hungarian language
I	ROMA	17570.000	29	10	0807		31.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
I	ROMA	17570.000	31	10	0818		32.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
I	ROMA	17570.000	12	11	0907		31.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
F	RAMBOUILLET	17570.000	13	11	0900	1200	64.0	CRI			10K0E	A3EG								A	3	
ROU	BELCIUGATELE	17570.000	15	11	1125	1155	75.2	China Radio International	CHN	BC	10K0	A3E							84	A		Kashi-saibagh Czech language
HNG	TARNOK	17570.000	20	11	0858	1157	54.9	CRI	CHN	BC	9K04	A3E										
ROU	BELCIUGATELE	17570.000	25	11	1030	1100	80.0	China Radio International	CHN	BC	9K00	A3E							82	A		Hungarian language
I	ROMA	17570.000	27	11	0901		36.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
ROU	BELCIUGATELE	17570.000	04	12	0000	2400	61.5	China Radio International	CHN	BC	9K00	A3E							70	A		English language
F	RAMBOUILLET	17575.000	13	11	1500	1525	44.0				10K0E	D7W								A	9	
F	RAMBOUILLET	17575.000	14	11	1500	1600	42.0				10K0E	D7W								A	9	
HNG	TARNOK	17575.000	20	11	1500	1600	61.6	BBC	G	BC	10K0E	X7E										DRM
I	ROMA	17575.000	27	11	1536		58.0	BBC WS DRM	G	BC	10K0	X7W							318	A		NOAUDIO
I	ROMA	17575.000	10	12	1551		47.0	BBC WS DRM	G	BC	10K0	X7W							318	A		NOAUDIO
RUS	NYAGAN	17579.700	10	10			19.0		CHN		2K13	A3E	116	E	02	32	N	48	108	A		
RUS	VERHNEYE DUBROVO	17579.700	10	10	0615	0616	19.0		CHN		2K13	A3E	116	E	02	32	N	48	99	A		
G	BALDOCK	17580.000	05	10	0950	0955		CNR1	CHN	BC	9K00E	A3E							55	B		
RUS	SMOLENSK	17580.000	10	10	0600	0700	23.0		CHN	BC	2K99	A3E	110	E	17	36	N	45	108	B		
RUS	S. PETERSBURG	17580.000	10	10	0755	0805	46.0		CHN	BC	11K2	A3E	110	E	03	41	N	54	73	B		
RUS	ARKHANGELSK	17580.000	10	10	0755	0805	13.0		CHN	BC		A3E							84	B		
RUS	S. PETERSBURG	17580.000	10	10	1205	1210	52.0		TUR	BC	19K6	A3E							174	B		
RUS	ARKHANGELSK	17580.000	10	10	1205	1210	50.0		TUR	BC	19K0	A3E							192	B		
ROU	BELCIUGATELE	17580.000	21	10	0810	0856	48.1	CNR 1 Voice of China	CHN	BC	10K0	A3E							68	A		Lingshi Chinese language
ROU	BELCIUGATELE	17580.000	23	10	0825	0908	43.2	CNR 1 Voice of China	CHN	BC	18K0	A3E							68	A		Lingshi Chinese language
I	ROMA	17580.000	29	10	0809		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
I	ROMA	17580.000	07	11	0825		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
I	ROMA	17580.000	12	11	0910		22.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
F	RAMBOUILLET	17580.000	13	11	0700	1000	35.0	CNR 1			10K0	A3EG								A		
I	ROMA	17580.000	27	11	0903		20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
ROU	BELCIUGATELE	17580.000	12	12	0840	2138	49.3	CNR 1 Voice of China	CHN	BC	9K00	A3E							66	A		Chinese language
F	RAMBOUILLET	17585.000	14	11	1400	1500	37.0	VOICE OF AMERICA			10K0	A3EG								A		
HNG	TARNOK	17585.000	20	11	1400	1500	61.9	VOA	CHN	BC	9K94	A3E										
G	BALDOCK	17600.000	05	10	1055	1100			ALG	BC	9K00E	A3E							183	B		
I	ROMA	17600.000	08	10	0855		20.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
RUS	BELGOROD	17600.000	10	10	0625	0628	66.9		ALG	BC	9K40	A3E	002	W	21	31	N	34	251	B		
RUS	S. PETERSBURG	17600.000	10	10	0940	0945	30.0		CHN	BC		A3E	111	E	49	39	N	00	74	B		
RUS	ARKHANGELSK	17600.000	10	10	0940	0945	16.0		CHN	BC		A3E							84	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	MOROZOVSK	17600.000	10	10	1600	1800	16.0		ALG	BC	9K00	A3E	001	W	35	31	N	21	259	B		
I	ROMA	17600.000	16	10	0714		36.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
ROU	BELCIUGATELE	17600.000	21	10	0713	0808	43.1	Ifrikya	ALG	BC	10K0	A3E							252	A		Bechar Arabic language
ROU	BELCIUGATELE	17600.000	23	10	1132	1200	46.3	Ifrikya FM	ALG	BC	12K0	A3E							251	A		Bechar Arabic language
I	ROMA	17600.000	29	10	0811		34.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	05	11	0903		33.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	12	11	0912		37.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
F	RAMBOUILLET	17600.000	14	11	0700	1900	42.0	IFRIKYA FM			10K0E	A3EG -								A	3	
I	ROMA	17600.000	19	11	0851		30.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	03	12	0813		33.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	17	12	0833		42.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
ROU	BELCIUGATELE	17610.000	15	11	1127	1157	41.9	Unknown	CHN	BC	10K0	A3E							84	A	3	Chinese language
RUS	SMOLENSK	17615.000	10	10	0600	0700	39.0		CHN	BC	2K99	A3E	104	E	37	23	N	11	83	B		
RUS	BELGOROD	17615.000	10	10	0628	0635	60.6		CHN	BC	10K1	A3E	086	E	54	44	N	09	81	B		
RUS	BELGOROD	17615.000	10	10	1008	1012	68.5		TUR	BC	9K60	A3E	032	E	51	39	N	24	195	B		
I	ROMA	17615.000	16	10	0716		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17615.000	18	10	0650	0720	58.1	China Radio International	CHN	BC	9K00	A3E							70	A		Chinese language
RUS	NYAGAN	17615.500	10	10			35.0		CHN		2K00	A3E	101	E	32	32	N	38	125	A		
RUS	VERHNEYE DUBROVO	17615.500	10	10	0600	0612	35.0		CHN		2K00	A3E	101	E	32	32	N	38	114	A		
G	BALDOCK	17620.000	06	10	1720	1725		R. FRANCE INT	F	BC	9K00E	A3E							192	C		
ROU	BELCIUGATELE	17620.000	21	10	0921	0955	66.9	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Romanian language
RUS	S. PETERSBURG	17625.000	10	10	0825	0830	37.0		CHN	BC	16K1	A3E	114	E	51	39	N	48	72	B		
RUS	ARKHANGELSK	17625.000	10	10	0825	0830	18.0		CHN	BC		A3E							82	B		
I	ROMA	17625.000	03	12	0815		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
RUS	BELGOROD	17630.000	10	10	1012	1019	76.5		ROU	BC	9K30	A3E	026	E	06	44	N	45	234	B		
F	RAMBOUILLET	17630.000	15	11	1430	1600	41.0	CRI			10K0	A3EG -								A		
KOR	CRMS	17640.000	11	10	0632	0632	23.1		CHN	BC	14K2	A3E									3	
F	RAMBOUILLET	17640.000	15	11	1100	1200	50.0	BBC			10K0	A3EG -								A		
I	ROMA	17650.000	08	10	0858		33.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	BELGOROD	17650.000	10	10	0635	0640	65.9		CHN	BC	9K00	A3E	075	E	43	39	N	22	97	B		
RUS	ARKHANGELSK	17650.000	10	10	0820	0825	41.0		CHN	BC		A3E							124	B		
RUS	S. PETERSBURG	17650.000	10	10	0820	0825	60.0		CHN	BC	8K86	A3E	074	E	59	39	N	39	106	B		
RUS	BELGOROD	17650.000	11	10	0740	0743	68.2		CHN	BC	9K70	A3E	075	E	43	39	N	22	97	B		
RUS	S. PETERSBURG	17650.000	11	10	1040	1050	68.0		CHN	BC	9K55	A3E	075	E	43	39	N	24	105	B		
RUS	ARKHANGELSK	17650.000	11	10	1040	1050	42.0		CHN	BC	8K67	A3E	075	E	43	39	N	24	125	B		
ROU	BELCIUGATELE	17650.000	15	10	1240	1310	75.1	China Radio International	CHN	BC	9K00	A3E							83	A		Chinese language
I	ROMA	17650.000	16	10	0718		49.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17650.000	21	10	0901	0951	67.5	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh English language

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	17650.000	23	10	1141	1213	64.9	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Chinese language
I	ROMA	17650.000	29	10	0813		43.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	17650.000	05	11	0905		34.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	17650.000	13	11	0956		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
F	RAMBOUILLET	17650.000	15	11	0700	1200	59.0	CRI			10K0	A3EG -								A		
I	ROMA	17650.000	19	11	0853		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17650.000	25	11	1000	1030	70.6	China Radio International	CHN	BC	9K00	A3E							82	A		English language
I	ROMA	17650.000	03	12	0826		41.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17650.000	04	12	0930	1530	65.5	China Radio International	CHN	BC	9K00	A3E							82	A		English language
KOR	CRMS	17650.000	10	12	0007	0759	759.0	3.93			14K2	A3E									6	
I	ROMA	17650.000	17	12	0835		41.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
HNG	TARNOK	17650.002	23	11	0600	0700	54.8	CRI	CHN	BC	8K82	A3E										
HNG	TARNOK	17650.002	23	11	1000	1200	62.2	CRI	CHN	BC	9K31	A3E										
HNG	TARNOK	17650.024	23	11	1500	1530	41.2			BC	9K00E	A3E									3	
G	BALDOCK	17655.000	06	10	1730	1735		VOA	I	BC	9K00E	A3E							135	A		
I	ROMA	17660.000	16	10	0720		27.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
KOR	CRMS	17660.000	25	10	0830	0830	22.4		USA	BC	15K0	A3E									11	
I	ROMA	17660.000	19	11	0855		30.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
KOR	CRMS	17660.000	06	12	0008	0835	835.0	-2.11			14K9	A3E									6	
I	ROMA	17660.000	17	12	0837		47.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
HNG	TARNOK	17660.002	23	11	1200	1300	43.1	RFI	F	BC	9K46	A3E										
HNG	TARNOK	17660.003	23	11	0830	0900	59.5	RFI	F	BC	8K57	A3E										
I	ROMA	17670.000	08	10	0900		21.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	BELGOROD	17670.000	11	10	0734	0736	43.7		CHN	BC	7K90	A3E	075	E	43	39	N	22	97	B		
I	ROMA	17670.000	16	10	0722		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17670.000	25	10	0800	0830	59.7	China Radio International	CHN	BC	9K00	A3E							82	A		English language
I	ROMA	17670.000	30	10	0718		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
KOR	CRMS	17670.000	04	11	0714	0714	-4.7		CHN	BC	14K7	A3E									6	
I	ROMA	17670.000	05	11	0908		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	17670.000	13	11	1000		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
F	RAMBOUILLET	17670.000	15	11	0700	1100	47.0	CRI			10K0	A3EG -								A		
I	ROMA	17670.000	19	11	0857		33.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	17670.000	03	12	0829		31.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
HNG	TARNOK	17670.002	23	11	0657	1057	45.2	CRI	CHN	BC	9K06	A3E										
KOR	CRMS	17675.000	11	10	0632	0632	31.6		NZL	BC	14K1	A3E									11	
KOR	CRMS	17675.000	14	11	0632	0632	35.7		NZL	BC	14K1	A3E									6	
HNG	TARNOK	17675.000	23	11	0630	0700	31.0			BC	10K0E	A3E										
KOR	CRMS	17675.000	09	12	0006	0633	633.0	9.08			15K0	A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	17680.000	06	10	1735	1740		WORLD RADIO JAPAN	F	BC	9K00E	A3E							153	C		
I	ROMA	17680.000	10	10	0720		45.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	BELGOROD	17680.000	11	10	0736	0739	56.5		CHN	BC	9K40	A3E	075	E	43	39	N	22	97	B		
I	ROMA	17680.000	22	10	0949		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17685.000	18	10	0700	0730	66.3	China Radio International	CHN	BC	9K00	A3E							82	A		French language
ROU	BELCIUGATELE	17690.000	23	10	1202	1221	49.8	Radio France International	F	BC	9K00	A3E							288	A	3	Issoudun French language same with RFA
ROU	BELCIUGATELE	17690.000	23	10	1202	1221	49.8	Radio Free Asia	TJK	BC	9K00	A3E							84	A		Dushanbe-orzu Chinese language same with RFI
I	ROMA	17690.000	05	11	0910		21.0	USAGM	THA	BC	9K00E	A3E							76	A		
I	ROMA	17690.000	13	11	1004		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							57	A		
F	RAMBOUILLET	17690.000	18	11	0900	1100	35.0	CHINA RADIO INTERNATIONAL			10K0	A3EG -								A		
HNG	TARNOK	17695.003	23	11	0600	0700	32.5			BC	9K74	A3E										
HNG	TARNOK	17699.996	23	11	1500	1620	53.6			BC	9K66	A3E										
J	TOKYO	17700.000	29	10	0222					BC		D7W										
I	ROMA	17710.000	10	10	0723		31.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							51	A		
KOR	CRMS	17710.000	14	10	0429	0429	30.0		CHN	BC	14K8	A3E									11	
G	BALDOCK	17715.000	06	10	1740	1745		R. EXT DE ESPANA	E	BC	9K00E	A3E							153	A		
F	RAMBOUILLET	17715.000	18	11	1100	1200	50.0	VOICE OF TURKEY			10K0	A3EG -								A		
J	TOKYO	17715.020	06	11	0039							F1B							2	D		
RUS	SMOLENSK	17720.000	11	10	0530	0630	23.0		CHN	BC	2K99	A3E	108	E	37	38	N	38	78	B		
RUS	S. PETERSBURG	17720.000	11	10	1048	1058	35.0		UZB	BC		A3E							111	B		
RUS	ARKHANGELSK	17720.000	11	10	1048	1058	22.0		UZB	BC		A3E							131	B		
F	RAMBOUILLET	17720.000	18	11	0600	0800	60.0	CHINA RADIO INTERNATIONAL			10K0	A3EG -								A		
J	TOKYO	17720.000	19	11	0830							F1B										
G	BALDOCK	17725.000	06	10	1740	1745		ADVENTIST WORLD	D	BC	9K00E	A3E							120	C		
KOR	CRMS	17730.000	06	11	0033	0033	17.0		USA	BC	14K9	A3E									6	
ROU	BELCIUGATELE	17735.000	24	10	1321	1349	66.1	China Radio International	CHN	BC	9K00	A3E							83	A		Kashi-saibagh Chinese language
I	ROMA	17735.000	03	12	0832		21.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17740.000	10	10	0725		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
RUS	BELGOROD	17740.000	11	10	0743	0749	45.1		CHN	BC	8K40	A3E	108	E	37	34	N	23	78	B		
KOR	CRMS	17740.000	17	10	0420	0420	17.9		USA	BC	14K8	A3E									11	
F	RAMBOUILLET	17740.000	19	11	0600	0800	45.0	CHINA RADIO INTERNATIONAL			10K0	A3EG -								A		
I	ROMA	17750.000	22	10	0951		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
F	RAMBOUILLET	17750.000	19	11	0700	1100	42.0	CHINA RADIO INTERNATIONAL			10K0	A3EG -								A		
I	ROMA	17750.000	20	11	0957		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
HNG	TARNOK	17750.003	25	11	0900	1100	27.7	CRI	CHN	BC	9K34	A3E										
HNG	TARNOK	17754.994	25	11	1555	2216	45.9	REE	E	BC	10K6	A3E										
G	BALDOCK	17765.000	06	10	1745	1750		CHINA RADIO INT	CHN	BC	9K00E	A3E							75	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	17770.000	09	10	0715					BC		D7W							247	D		
RUS	MOROZOVSK	17770.000	11	10	1445	1500	17.0		TUR	BC	6K00	A3E	032	E	51	39	N	24	214	B		
J	TOKYO	17770.000	29	10	0225					BC		D7W										
I	ROMA	17770.000	05	11	0915		33.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E							92	A		
J	TOKYO	17770.000	11	11	1032					BC		D7W							248	D		
J	TOKYO	17770.000	19	11	0838				CHN	BC		D7W	108	E	48	18	N	58	248	A		
J	TOKYO	17770.000	26	11	0655			CHINA N.R.		BC		D7W										
J	TOKYO	17770.000	10	12	0220					BC		D7W										
J	TOKYO	17770.010	03	12	0514				CHN				119	E	31	26	N	30	250	A		
HNG	TARNOK	17770.014	25	11	0858	0926	53.5	TRT	TUR	BC	9K68	A3E									3	
F	RAMBOUILLET	17775.000	19	11	1200	1300	25.0	VOICE OF TURKEY			10K0	A3EG								A		
KOR	CRMS	17780.000	04	10	0808	0808	7.5		CHN	BC	14K9	A3E									11	
ROU	BELCIUGATELE	17780.000	30	10	0727	0753	62.5	Unknown		BC	10K0	A3E							136	A		Arabic language
KOR	CRMS	17780.000	12	11	0152	0152	29.4		CHN	BC	14K9	A3E									6	
F	RAMBOUILLET	17780.000	19	11	0700	0800	22.0	VOICE OF TURKEY			10K0	A3EG								A		
F	RAMBOUILLET	17780.000	20	11	0730	1000	48.0	VOICE OF TURQUEY			10K0	A3EG								A		
KOR	CRMS	17780.000	03	12	0007	0734	734.0	3.86			12K8	A3E									6	
HNG	TARNOK	17780.027	25	11	0658	0700	45.1	TRT	TUR	BC	9K06	A3E									3	
G	BALDOCK	17790.000	06	10	1745	1750		WRMI	USA	BC	9K00E	A3E							281	A		
ROU	BELCIUGATELE	17790.000	24	10	1239	1259	63.2	BBC	OMA	BC	9K00	A3E							120	A		Al Seela English language
F	RAMBOUILLET	17790.000	20	11	1400	1600	75.0	R. ROMANIA INT.			10K0	A3EG								A		
HNG	TARNOK	17790.004	25	11	1356	1556	43.8	RRO	ROU	BC	9K37	A3E										
J	TOKYO	17800.000	03	12	0515														266	D		
HNG	TARNOK	17800.004	25	11	1055	1156	41.0	RRO	ROU	BC	9K44	A3E										
J	TOKYO	17803.000	03	12	0452							F1B										
KOR	CRMS	17810.000	08	10	0846	0846	-13.1		J	BC	14K9	A3E									6	
RUS	ARKHANGELSK	17810.000	11	10	1110	1120	7.0		OMA	BC		A3E							157	B		
RUS	S. PETERSBURG	17810.000	11	10	1110	1120	18.0		OMA	BC		A3E							140	B		
I	ROMA	17810.000	22	10	0954		20.0	BBC WORLD SERVICE	OMA	BC	9K00E	A3E							102	A		
ROU	BELCIUGATELE	17815.000	24	10	1340	1410	72.6	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Turkish language
I	ROMA	17830.000	10	10	0729		37.0	BBC WORLDSERVICE	G	BC	9K00E	A3E							213	A		
RUS	MOROZOVSK	17830.000	11	10	1500	1515	29.0		D	BC	6K00	A3E	008	E	32	49	N	36	284	B		
G	BALDOCK	17830.000	19	10	0150	0155		CNR1	CHN	BC	10K0E	D7W							62	B		
ROU	BELCIUGATELE	17830.000	24	10	0703	0729	48.7	BBC	G	BC	9K00	A3E							228	A		Acension Island French language
J	TOKYO	17830.000	26	11	0707			CHINA N.R.		BC		D7W										
J	TOKYO	17830.000	10	12	0223			CHINA N.R.		BC		D7W										
J	TOKYO	17830.060	03	12	0517														161	D		
RUS	SMOLENSK	17840.000	11	10	0530	0630	27.0		CHN	BC	2K99	A3E	113	E	51	39	N	40	70	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	17840.000	14	10	0430	0430	40.1		CHN	BC	14K1	A3E									6	
I	ROMA	17840.000	22	10	0956		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17840.000	24	10	0630	0659	66.8	China Radio International	CHN	BC	9K00	A3E							63	A		Beijing Chinese language
KOR	CRMS	17840.000	18	12	0004	0459	459.0	39.270000000000003			14K7	A3E									6	
I	ROMA	17850.000	10	10	0731		26.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
RUS	ARKHANGELSK	17850.000	14	10	0645	0655	33.0		F	BC		A3E							248	B		
RUS	S. PETERSBURG	17850.000	14	10	0645	0655	46.0		F	BC		A3E							247	B		
ROU	BELCIUGATELE	17850.000	24	10	0657	0739	65.5	Radio France International	F	BC	9K00	A3E							289	A		Issoudun French language
I	ROMA	17850.000	30	10	0721		50.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
I	ROMA	17850.000	05	11	0919		25.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
I	ROMA	17850.000	20	11	1000		20.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
F	RAMBOUILLET	17850.000	21	11	0800	1100	65.0	RFI			10K0	A3EG								A		
I	ROMA	17850.000	03	12	0835		27.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	17850.000	04	12	0940	1849	59.9	R. France Int.		BC	9K00	A3E							288	A		French language
HNG	TARNOK	17850.003	27	11	0800	1000	42.8	RFI	F	BC	9K47	A3E										
RUS	SLAVYANKA	17855.000	14	10	0400	0430	46.0		CHN	BC	1K98	A3E	113	E	06	38	N	23	258	A		
KOR	CRMS	17855.000	17	10	0421	0421	35.1		USA	BC	12K6	A3E									6	
G	BALDOCK	17855.000	19	10	0145	0150		R. EXTERIOR ESPANA	E	BC	9K00E	A3E							192	B		
KOR	CRMS	17855.000	07	11	0435	0435	28.9		USA	BC	10K2	A3E									6	
HNG	TARNOK	17855.002	27	11	0400	0557	25.7	CRI	CHN	BC	9K39	A3E										
RUS	BELGOROD	17860.000	14	10	1311	1316	38.5			BC	8K80	A3E							76	C		
ROU	BELCIUGATELE	17860.000	24	10	1221	1238	58.2	Jammer China	CHN	BC	9K00	A3E							69	A		
I	ROMA	17865.000	10	10	0733		46.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	SAMARA	17865.000	14	10	0600	0630	65.0		CHN	BC	10K0	A3E	074	E	50	39	N	33	98	A		
RUS	ARKHANGELSK	17865.000	14	10	0655	0700	33.0		CHN	BC	7K83	A3E	075	E	43	39	N	24	124	B		
RUS	S. PETERSBURG	17865.000	14	10	0655	0700	59.0		CHN	BC	9K62	A3E	075	E	43	39	N	24	105	B		
I	ROMA	17865.000	22	10	0958		20.0	IBRA RADIO	UAE	BC	9K00E	A3E							104	A		
ROU	BELCIUGATELE	17865.000	24	10	0654	0737	64.9	China Radio International	CHN	BC	9K00	A3E							83	A		Kashi-saibagh French language
I	ROMA	17865.000	13	11	1008		22.0	IBRA RADIO	UAE	BC	9K00E	A3E							104	A		
I	ROMA	17865.000	20	11	1002		20.0	IBRA RADIO	UAE	BC	9K00E	A3E							104	A		
F	RAMBOUILLET	17865.000	21	11	0800	1100	65.0	IBRA MEDIA (RADIO SAMA)			10K0	A3EG								A		
I	ROMA	17865.000	03	12	0836		20.0	IBRA RADIO	UAE	BC	9K00E	A3E							104	A		
HNG	TARNOK	17879.991	27	11	1000	1100	55.7	RADIO MASHAAL	D	BC	9K94	A3E										
RUS	BELGOROD	17880.000	14	10	1316	1319	56.5		THA	BC	7K90	A3E	103	E	12	17	N	41	97	B		
RUS	ARKHANGELSK	17880.000	14	10	1650	1700	32.0		MLI	BC	10K4	A3E							236	B		
RUS	S. PETERSBURG	17880.000	14	10	1650	1700	58.0		MLI	BC	10K6	A3E							227	B		
ROU	BELCIUGATELE	17880.000	21	10	1141	1215	44.8	Radio Azadi	THA	BC	10K0	A3E							88	A		Udon Thani Pashto language
I	ROMA	17880.000	22	10	1001		31.0	USAGM	THA	BC	9K00E	A3E							76	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	17880.000	24	10	1147	1224	42.5	Radio Azadi	THA	BC	9K00	A3E							88	A		Udon Thani Pashto language
I	ROMA	17880.000	13	11	1010		40.0	USAGM	THA	BC	9K00E	A3E							76	A		
I	ROMA	17880.000	20	11	1003		32.0	USAGM	THA	BC	9K00E	A3E							76	A		
F	RAMBOUILLET	17880.000	22	11	0800	1600	41.0	CRI			10K0	A3EG								A		
ROU	BELCIUGATELE	17880.000	29	11	1100	1130	46.4	Radio Mashaal	D	BC	9K00	A3E							301	A		Pashto language
ROU	BELCIUGATELE	17880.000	19	12	0000	2400	50.8	Radio Mashaal	D	BC	9K00	A3E							301	A		Pashto language
HNG	TARNOK	17880.002	27	11	1600	1700	63.2	CRI	CHN	BC	9K95	A3E										
RUS	S. PETERSBURG	17890.000	14	10	0705	0715	27.0		CHN	BC		A3E	116	E	23	39	N	54	70	B		
RUS	ARKHANGELSK	17890.000	14	10	0705	0715	12.0		CHN	BC		A3E	116	E	23	39	N	54	82	B		
F	RAMBOUILLET	17890.000	22	11	0800	1100	37.0	CNR			10K0	A3EG								A		
HNG	TARNOK	17894.992	27	11	1700	1800	39.6			BC	9K78	A3E										
RUS	S. PETERSBURG	17900.000	14	10	1640	1650	30.0		BUL	BC		A3E							197	B		
RUS	ARKHANGELSK	17900.000	14	10	1640	1650	13.0		BUL	BC		A3E							213	B		
J	TOKYO	17916.000	19	11	0840					FA		J2D										
J	TOKYO	17916.000	26	11	0709					FA		J2D										
J	TOKYO	17916.000	24	12	1045			AUCKLAND		FA		J2D										
J	TOKYO	17919.000	24	12	1047			GUAM		FA		J2D										
J	TOKYO	17967.000	11	11	1043							J2D										
F	RAMBOUILLET	18033.000	26	11	0715	1125	51.0				20K0E	PXX								A	9	OTHR
HNG	TARNOK	18049.000	29	11	0603	0749	46.9				20K0E	F0N										OTHR
J	TOKYO	18060.000	09	10	0745							F3C							202	D		
J	TOKYO	18060.000	10	11	2349							F3C							202	D		
J	TOKYO	18060.000	26	11	0747			VMW				F3C							201	D		
RUS	BELGOROD	18073.100	15	10	0546	0548	5.6	K8IK	USA	AT	100H	A1A							314	B		
RUS	VERHNEYE DUBROVO	18100.200	15	10			26.0	IU3MAG	I	AT	51H0	F1B	013	E	00	45	N	30	270	B		
RUS	NYAGAN	18100.200	15	10			40.0	IU3MAG	I	AT	51H0	F1B	013	E	00	45	N	30	265	B		
RUS	VERHNEYE DUBROVO	18100.200	15	10			34.0	SP3T	POL	AT	52H0	F1B	017	E	00	52	N	30	279	B		
RUS	NYAGAN	18100.200	15	10			34.0	SP3T	POL	AT	52H0	F1B	017	E	00	52	N	30	272	B		
RUS	NYAGAN	18100.300	15	10			28.0	OH1NHX	FIN	AT	50H0	F1B	021	E	00	61	N	30	288	B		
RUS	VERHNEYE DUBROVO	18100.300	15	10			28.0	OH1NHX	FIN	AT	50H0	F1B	021	E	00	61	N	30	300	B		
RUS	VERHNEYE DUBROVO	18100.300	15	10			19.0	PD1WO	HOL	AT	50H0	F1B	005	E	00	51	N	30	285	B		
RUS	VERHNEYE DUBROVO	18100.300	15	10			40.0	YO8RNP	ROU	AT	50H0	F1B	027	E	00	44	N	30	255	B		
RUS	VERHNEYE DUBROVO	18100.300	15	10			40.0	YO9ILA	ROU	AT	52H0	F1B	027	E	00	44	N	30	255	B		
RUS	NYAGAN	18100.300	15	10			40.0	YO9ILA	ROU	AT	52H0	F1B	027	E	00	44	N	30	249	B		
RUS	NYAGAN	18100.300	15	10			40.0	YO8RNP	ROU	AT	50H0	F1B	027	E	00	44	N	30	249	B		
RUS	VERHNEYE DUBROVO	18100.400	15	10			23.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	281	B		
RUS	NYAGAN	18100.400	15	10			23.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	276	B		
RUS	NYAGAN	18100.500	15	10			34.0	OE3FVU	AUT	AT	51H0	F1B	015	E	00	48	N	30	267	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	18100.500	15	10			34.0	OE3FVU	AUT	AT	51H0	F1B	015	E	00	48	N	30	273	B		
RUS	VERHNEYE DUBROVO	18100.500	15	10			19.0	2E0YDT	G	AT	52H0	F1B	001	W	00	54	N	30	292	B		
RUS	VERHNEYE DUBROVO	18100.500	15	10			21.0	HF1MM	POL	AT	50H0	F1B	015	E	00	53	N	30	283	B		
RUS	VERHNEYE DUBROVO	18100.500	15	10			28.0	S58MU	SVN	AT	52H0	F1B	015	E	00	46	N	30	270	B		
RUS	NYAGAN	18100.500	15	10			28.0	S58MU	SVN	AT	52H0	F1B	015	E	00	46	N	30	265	B		
RUS	VERHNEYE DUBROVO	18100.600	15	10			13.0	BH2UEZ	CHN	AT	52H0	F1B	121	E	00	38	N	30	89	B		
RUS	VERHNEYE DUBROVO	18100.700	15	10			15.0	IU2EBR	I	AT	51H0	F1B	011	E	00	45	N	30	272	B		
RUS	NYAGAN	18100.900	15	10			29.0	BD0BK	CHN	AT	51H0	F1B	087	E	00	43	N	30	136	B		
RUS	VERHNEYE DUBROVO	18100.900	15	10			28.0	IK0MHW	I	AT	52H0	F1B	013	E	00	41	N	30	265	B		
RUS	NYAGAN	18100.900	15	10			28.0	IK0MHW	I	AT	52H0	F1B	013	E	00	41	N	30	261	B		
RUS	VERHNEYE DUBROVO	18100.900	15	10	0600	0612	29.0	BD0BK	CHN	AT	51H0	F1B	087	E	00	43	N	30	118	B		
RUS	VERHNEYE DUBROVO	18101.000	15	10			15.0	EW3SS	BLR	AT	51H0	F1B	023	E	00	52	N	30	275	B		
RUS	VERHNEYE DUBROVO	18101.000	15	10			21.0	SV3SPD	GRC	AT	52H0	F1B	021	E	00	38	N	30	253	B		
RUS	VERHNEYE DUBROVO	18101.100	15	10			28.0	F5SYC	F	AT	52H0	F1B	003	E	00	50	N	30	285	B		
RUS	NYAGAN	18101.100	15	10			28.0	F5SYC	F	AT	52H0	F1B	003	E	00	50	N	30	280	B		
RUS	VERHNEYE DUBROVO	18101.100	15	10			21.0	SM5VSS	S	AT	52H0	F1B	017	E	00	59	N	30	295	B		
RUS	VERHNEYE DUBROVO	18101.200	15	10			13.0	F6HUK	F	AT	50H0	F1B	001	E	00	46	N	30	281	B		
RUS	VERHNEYE DUBROVO	18101.400	15	10			15.0	SV2FNT	GRC	AT	51H0	F1B	021	E	00	40	N	30	255	B		
RUS	VERHNEYE DUBROVO	18101.500	15	10			13.0	BH1HWF	CHN	AT	52H0	F1B	117	E	00	40	N	30	90	B		
RUS	VERHNEYE DUBROVO	18101.500	15	10			13.0	BH4TIH	CHN	AT	52H0	F1B	119	E	00	31	N	30	97	B		
RUS	NYAGAN	18101.500	15	10			28.0	UN7IN	KAZ	AT	52H0	F1B	057	E	00	50	N	30	205	B		
RUS	NYAGAN	18101.500	15	10			25.0	UN7PAK	KAZ	AT	51H0	F1B	073	E	00	50	N	30	157	B		
RUS	VERHNEYE DUBROVO	18101.500	15	10			25.0	UN7PAK	KAZ	AT	51H0	F1B	073	E	00	50	N	30	127	B		
RUS	VERHNEYE DUBROVO	18101.500	15	10			28.0	UN7IN	KAZ	AT	52H0	F1B	057	E	00	50	N	30	204	B		
RUS	VERHNEYE DUBROVO	18101.500	15	10			35.0	SQ7RN	POL	AT	50H0	F1B	021	E	00	50	N	30	272	B		
RUS	NYAGAN	18101.500	15	10			25.0	SQ7RN	POL	AT	50H0	F1B	021	E	00	50	N	30	265	B		
RUS	VERHNEYE DUBROVO	18101.600	15	10			15.0	F1PPH	F	AT	51H0	F1B	001	E	00	47	N	30	282	B		
RUS	VERHNEYE DUBROVO	18101.600	15	10			21.0	SM3VOX	S	AT	51H0	F1B	017	E	00	60	N	30	298	B		
RUS	VERHNEYE DUBROVO	18101.600	15	10			29.0	S51TA	SVN	AT	50H0	F1B	015	E	00	45	N	30	268	B		
RUS	VERHNEYE DUBROVO	18101.700	15	10			19.0	9A7PBV	HRV	AT	51H0	F1B	017	E	00	45	N	30	267	B		
RUS	VERHNEYE DUBROVO	18101.700	15	10			38.0	UN7JMK	KAZ	AT	50H0	F1B	083	E	00	49	N	30	110	B		
RUS	NYAGAN	18101.700	15	10			18.0	UN7JMK	KAZ	AT	50H0	F1B	083	E	00	49	N	30	134	B		
RUS	VERHNEYE DUBROVO	18101.800	15	10			29.0	OH8AV	FIN	AT	52H0	F1B	025	E	00	65	N	30	312	B		
RUS	NYAGAN	18101.800	15	10			29.0	OH8AV	FIN	AT	52H0	F1B	025	E	00	65	N	30	299	B		
RUS	NYAGAN	18101.800	15	10			38.0	OH3OJ	FIN	AT	51H0	F1B	025	E	00	60	N	30	283	B		
RUS	VERHNEYE DUBROVO	18101.800	15	10			28.0	OH3OJ	FIN	AT	51H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	18101.800	15	10			25.0	LY2AE	LTU	AT	51H0	F1B	025	E	00	54	N	30	279	B		
RUS	NYAGAN	18101.800	15	10			25.0	LY2AE	LTU	AT	51H0	F1B	025	E	00	54	N	30	268	B		
RUS	VERHNEYE DUBROVO	18101.800	15	10			15.0	YO8XCM	ROU	AT	50H0	F1B	027	E	00	47	N	30	261	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	NYAGAN	18101.900	15	10			36.0	LY1CX	LTU	AT	50H0	F1B	025	E	00	55	N	30	271	B		
RUS	VERHNEYE DUBROVO	18101.900	15	10	0614	0619	36.0	LY1CX	LTU	AT	50H0	F1B	025	E	00	55	N	30	282	B		
RUS	VERHNEYE DUBROVO	18102.000	15	10			19.0	DL5GAC	D	AT	51H0	F1B	009	E	00	47	N	30	276	B		
RUS	VERHNEYE DUBROVO	18102.000	15	10			28.0	EA5UB	E	AT	51H0	F1B	001	E	00	38	N	30	271	B		
RUS	NYAGAN	18102.000	15	10			28.0	EA5UB	E	AT	51H0	F1B	001	E	00	38	N	30	269	B		
F	RAMBOUILLET	18102.000	27	11	0800	1800	37.0				20K0E	PXX								A	9	OTHR
RUS	NYAGAN	18102.100	15	10			40.0	F6CAM	F	AT	51H0	F1B	003	E	00	50	N	30	280	B		
RUS	VERHNEYE DUBROVO	18102.100	15	10			40.0	F6CAM	F	AT	51H0	F1B	003	E	00	50	N	30	285	B		
RUS	VERHNEYE DUBROVO	18102.100	15	10			15.0	MM0ABM	G	AT	51H0	F1B	005	W	00	55	N	30	292	B		
RUS	VERHNEYE DUBROVO	18102.200	15	10			28.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	286	B		
RUS	NYAGAN	18102.200	15	10			28.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	280	B		
RUS	VERHNEYE DUBROVO	18102.200	15	10			34.0	OH2XO	FIN	AT	50H0	F1B	025	E	00	60	N	30	296	B		
RUS	NYAGAN	18102.200	15	10			34.0	OH2XO	FIN	AT	50H0	F1B	025	E	00	60	N	30	283	B		
RUS	VERHNEYE DUBROVO	18102.300	15	10			13.0	JA3HWX	J	AT	50H0	F1B	135	E	00	34	N	30	82	B		
RUS	VERHNEYE DUBROVO	18102.300	15	10			15.0	8J3ZNJ	J	AT	51H0	F1B	135	E	00	34	N	30	82	B		
RUS	NYAGAN	18102.400	15	10			40.0	SV1EAG	GRC	AT	51H0	F1B	023	E	00	38	N	30	247	B		
RUS	VERHNEYE DUBROVO	18102.400	15	10			40.0	SV1EAG	GRC	AT	51H0	F1B	023	E	00	38	N	30	250	B		
RUS	NYAGAN	18102.400	15	10			23.0	HA0DR	HNG	AT	51H0	F1B	021	E	00	47	N	30	260	B		
RUS	VERHNEYE DUBROVO	18102.400	15	10			23.0	HA0DR	HNG	AT	51H0	F1B	021	E	00	47	N	30	266	B		
RUS	VERHNEYE DUBROVO	18102.400	15	10			19.0	SP9CKS	POL	AT	50H0	F1B	019	E	00	49	N	30	272	B		
J	TOKYO	18107.000	09	10	0749							F1B										
J	TOKYO	18179.710	09	10	0752			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	18179.710	16	10	0607			SOUND OF HOPE		BC		A3E	121	E	12	24	N	42	240	B	11	TAIWAN
J	TOKYO	18179.720	01	10	1000			SOUND OF HOPE		BC		A3E	121	E	30	24	N	36	240	B	11	TAIWAN
J	TOKYO	18179.730	03	12	0601			SOUND OF HOPE		BC		A3E							280	D	11	
J	TOKYO	18179.730	10	12	0416			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	18179.740	10	11	2353					BC		A3E							242	D		
J	TOKYO	18179.740	19	11	1001			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	18179.750	06	11	0135			SOUND OF HOPE		BC		A3E	120	E	58	24	N	28	241	B	11	
J	TOKYO	18179.760	17	12	0132			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	18179.770	26	11	0756			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	18179.770	23	12	2346			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	18180.000	04	10	0809	0809	-10.3		CHN	BC	14K9	A3E									6	
KOR	CRMS	18180.000	12	11	0152	0152	22.3		CHN	BC	14K8	A3E									11	
KOR	CRMS	18180.000	02	12	0000	0054	54.0	24.04			15K0	A3E									11	
HNG	TARNOK	18192.000	01	12	1300	1350	47.8				30K0E	F0N										OTHR
J	TOKYO	18199.950	17	12	0135			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	18199.960	23	12	2350			CHINA N.R.		BC		A3E									11	
RUS	SAMARA	18200.000	15	10	0800	1000	27.0		KAZ	BC	10K0	A3E	075	E	23	47	N	56	98	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	ARKHANGELSK	18200.000	15	10	0915	0925	44.0		CHN	BC		A3E							114	B		
RUS	S. PETERSBURG	18200.000	15	10	0915	0925	31.0		CHN	BC		A3E							91	B		
ROU	BELCIUGATELE	18200.000	15	10	0917	0955	46.5	Jammer	CHN	BC	10K0	A3E							71	A	3	Kashi 2 Chinese language
RUS	SAMARA	18200.000	15	10	1000	1200	32.0		MNG	BC	10K0	A3E	108	E	46	42	N	52	81	A		
KOR	CRMS	18200.000	21	10	0445	0445	27.6		CHN	BC	14K8	A3E									6	
KOR	CRMS	18200.000	24	12	0007	0721	721.0	45.59			14K4	A3E									11	
J	TOKYO	18205.990	10	11	2354							A1A										
F	RAMBOUILLET	18325.000	29	11	0745	0815	22.0				25K0E	PXX								A	9	OTHR
F	RAMBOUILLET	18367.000	29	11	0730	1900	27.0				20K0E	PXX								A	9	OTHR
J	TOKYO	18369.990	03	12	0604				USA			F1B	144	E	54	13	N	34	169	A		GUM
J	TOKYO	18369.990	10	12	0420							F1B							168	D		
J	TOKYO	18370.000	09	10	0754				USA			F1B	144	E	53	13	N	34	169	B		GUM
J	TOKYO	18370.000	16	10	0610							F1B							169	C		
J	TOKYO	18370.000	19	11	1007							F1B							169	D		
J	TOKYO	18370.010	11	11	0002				USA			F1B	144	E	53	13	N	33	169	B		GUM
J	TOKYO	18370.010	26	11	0804							F1B										
F	RAMBOUILLET	18413.250	02	12	1132	1345	16.0				2K80E	J7B								A	9	STANAG 4285
RUS	BELGOROD	18495.400	17	10	0550	0610	2.4		YEM		3K00	G1D	043	E	01	14	N	47	169	B		
F	RAMBOUILLET	18495.850	03	12	0700	1800	22.0				2K80E	J7B								A	9	STANAG 4285
F	RAMBOUILLET	18544.000	03	12	0736	0905	19.0				20K0E	PXX								A	9	OTHR
J	TOKYO	18557.990	09	10	0756							F1B							151	D		
J	TOKYO	18557.990	11	11	0007							F1B							87	D		
J	TOKYO	18557.990	03	12	0608							F1B							87	D		
J	TOKYO	18557.990	10	12	0422							F1B							90	D		
J	TOKYO	18558.000	06	11	0143							F1B							86	D		
J	TOKYO	18600.200	09	10	0800														153	D		
J	TOKYO	18600.250	01	10	1002							J2B							152	B		
J	TOKYO	18600.700	29	10	0419														153	D		
ROU	BELCIUGATELE	18696.000	15	10	1018	1059	32.1	Russian Navy	RUS	FX	600HE	F1B							29	A		
J	TOKYO	18709.000	01	10	1007							F1B										
J	TOKYO	18709.000	29	10	0425							F1B										
J	TOKYO	18720.000	01	10	1008				RUS			F1B	134	E	54	43	N	23	321	B		
F	RAMBOUILLET	18849.000	18	11	0930	1510	32.0				20K0E	PXX								A	9	OTHR
J	TOKYO	18890.000	03	12	0617					BC		A3E							295	D		
J	TOKYO	18890.020	09	10	0808					BC		A3E							294	D		
J	TOKYO	18890.020	29	10	0431					BC		A3E										
KOR	CRMS	18900.000	02	10	0031	0031	18.1		CHN	BC	14K8	A3E									6	
KOR	CRMS	18900.000	04	10	0810	0810	21.6		CHN	BC	14K2	A3E									6	
RUS	SMOLENSK	18900.000	21	10	0530	0630	14.0		CHN	BC	2K99	A3E	089	E	50	37	N	51	84	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	IRKUTSK	18900.000	21	10	1000	1001	17.0		CHN	BC	10K7	A3E	115	E	32	28	N	53	157	A		
RUS	ARKHANGELSK	18900.000	21	10	1140	1150	35.0		CHN	BC	9K51	A3E							67	B		
RUS	S. PETERSBURG	18900.000	21	10	1140	1150	48.0		CHN	BC	16K7	A3E							56	B		
KOR	CRMS	18900.000	12	11	0152	0152	25.0		CHN	BC	14K6	A3E									6	
KOR	CRMS	18900.000	20	11	0043	0043	32.5		CHN	BC	12K9	A3E									6	
KOR	CRMS	18900.000	03	12	0007	0736	736.0	2.6			14K8	A3E									6	
KOR	CRMS	18900.000	06	12	0008	0838	838.0	10.85			14K3	A3E									6	
KOR	CRMS	18970.000	04	10	0810	0810	3.1		CHN	BC	11K3	A3E									6	
KOR	CRMS	18970.000	08	10	0847	0847	10.9		CHN	BC	10K5	A3E									6	
ROU	BELCIUGATELE	18970.000	15	10	1217	1255	33.0	Jammer	CHN	BC	10K0	A3E							73	A	3	
ROU	BELCIUGATELE	18970.000	18	10	0825	0855	35.3	Soh Zi Wang Zhi Sheng	CHN	BC	9K00	A3E							83	A		Chinese language
RUS	BELGOROD	18970.000	21	10	0740	0750	13.0		CHN	BC	8K00	A3E	121	E	19	24	N	00	78	C		
KOR	CRMS	18970.000	12	11	0152	0152	20.3		CHN	BC	14K8	A3E									6	
KOR	CRMS	18970.000	22	11	0634	0634	43.4		CHN	BC	10K6	A3E									6	
KOR	CRMS	18970.000	02	12	0000	0054	54.0	50.35			12K8	A3E									11	
KOR	CRMS	18970.000	03	12	0007	0736	736.0	15.33			13K4	A3E									6	
J	TOKYO	19051.990	01	10	1012					BC		A3E	121	E	27	24	N	53	240	B		TAIWAN
J	TOKYO	19090.010	19	11	1023					BC		A3E										
J	TOKYO	19151.700	09	10	0811														177	D		
J	TOKYO	19151.800	03	12	0620														173	D		
J	TOKYO	19256.000	01	10	1015				RUS			F1B	134	E	30	51	N	28	347	B		
RUS	S. PETERSBURG	19326.000	23	10	0733	0735	22.0		CHN	FX		G1D							72	B		
RUS	ARKHANGELSK	19326.000	23	10	0733	0735	16.0		CHN	FX		G1D							79	B		
ROU	BELCIUGATELE	19508.800	15	10	1259	1324	34.6	German Navy	D	FX	3K00	F1B							324	A		Data Stanag
RUS	BELGOROD	19509.000	24	10	0600	0700	18.0				3K00	G1D							288	B		
RUS	ARKHANGELSK	19509.000	24	10	0840	0850	16.0		D	FX	3K20	G1D							251	B		
RUS	S. PETERSBURG	19509.000	24	10	0840	0850	38.0		D	FX	3K20	G1D							251	B		
J	TOKYO	19520.000	09	10	0814				KRE				126	E	03	39	N	52	295	B		
J	TOKYO	19520.000	03	12	0626														296	D		
J	TOKYO	19520.010	29	10	0440				CHN				129	E	44	46	N	24	327	A		
J	TOKYO	19539.990	29	10	0446				CHN				129	E	27	46	N	22	327	A		
J	TOKYO	19540.000	09	10	0815				KRE				126	E	03	39	N	52	295	B		
J	TOKYO	19540.000	03	12	0631														296	C		
J	TOKYO	19550.000	09	10	0821														296	D		
RUS	BELGOROD	19550.000	24	10	1115	1120	22.0		CYP	LR	25K0		032	E	56	34	N	37	191	B		
J	TOKYO	19560.000	09	10	0821														297	D		
J	TOKYO	19560.000	03	12	0631														297	D		
J	TOKYO	19650.000	09	10	0822														296	D		
J	TOKYO	19688.000	01	10	1018				RUS			F1B	131	E	54	43	N	26	323	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	19688.000	19	11	0800	1700	33.0				10K0E	D7W								A	9	
J	TOKYO	19688.000	19	11	1031							F1B							345	D		
J	TOKYO	19688.000	26	11	0819							F1B							337	D		
J	TOKYO	19709.750	01	10	1019				AUS			J2B	148	E	08	37	S	27	173	B		
J	TOKYO	19727.610	29	10	0451							F1B										
F	RAMBOUILLET	19745.000	18	11	0800	1800	32.0				20K0E	PXX								A	9	OTHR
J	TOKYO	19788.000	03	12	0633			XSG		FC		F3C							260	D		
J	TOKYO	19788.000	10	12	0437			XSG		FC		F3C							260	C		
J	TOKYO	19788.000	24	12	0011							F3C							260	D		
J	TOKYO	19800.000	03	12	0639														297	D		
J	TOKYO	19801.000	01	10	1023							F1B										
J	TOKYO	19984.000	09	10	0831							F1B										
J	TOKYO	19984.000	29	10	0453							F1B										
J	TOKYO	20000.000	06	11	0150			BPM		SS		AXW										
J	TOKYO	20000.000	11	11	0021					SS		AXW										
J	TOKYO	20000.000	26	11	0825					SS		AXW										
J	TOKYO	20000.000	03	12	0645					SS		AXW										
RUS	BELGOROD	20025.200	28	10	1110	1120	30.0				847H	F1B							77	B		
J	TOKYO	20048.200	29	10	0458			F				A1A							325	D		
J	TOKYO	20048.200	06	11	0156			F				A1A	132	E	19	48	N	18	323	B		
J	TOKYO	20048.300	06	11	0156			K				A1A							29	C		
J	TOKYO	20048.300	11	11	0021			K				A1A							30	D		
J	TOKYO	20048.300	17	12	0155			K				A1A	157	E	07	53	N	06	30	B		
J	TOKYO	20048.300	24	12	0028			K				A1A										
J	TOKYO	20048.340	16	10	0640			K				A1A										
J	TOKYO	20048.350	29	10	0459							A1A										
J	TOKYO	20048.380	10	12	0440			K				A1A							27	D		
J	TOKYO	20095.000	19	11	1042							H3E										
F	RAMBOUILLET	20180.000	19	12	0840	0935	27.0				10K0E	PXX								A	9	
J	TOKYO	20208.300	09	10	0834														246	D		
J	TOKYO	20468.950	17	12	0158							F3C							175	D		
J	TOKYO	20469.000	09	10	0836							F3C							173	D		
J	TOKYO	20469.000	26	11	0835			VMC				F3C							177	D		
J	TOKYO	20469.000	03	12	0651							F3C							172	D		
HNG	TARNOK	20476.500	17	12	0600	1227	22.0				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	20530.000	23	12	0815	1000	37.0				20K0E	PXX								A	9	
HNG	TARNOK	20536.000	17	12	0900	1300	37.0	RDL	RUS		1K46	F1B										200HZ 50BD
J	TOKYO	20631.800	01	10	1028				RUS			F1B	132	E	01	43	N	21	323	B		
RUS	SMOLENSK	20694.000	01	11	0600	0700	6.0		CHN	BC	2K99	A3E	112	E	35	34	N	04	89	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	SMOLENSK	20695.000	01	11	0600	0700	5.0		D	FX	395H	F1B	012	E	44	54	N	28	276	B		
RUS	SMOLENSK	20695.000	01	11	0600	0700	5.0		GRC	FX	400H	F1B	023	E	48	37	N	56	202	B		
J	TOKYO	20735.000	01	10	1034							J3E										
J	TOKYO	20794.210	10	12	0451														162	A		
RUS	SMOLENSK	21043.000	02	11	0730	0830	6.0		BUL	AT	100H	A1A	023	E	14	42	N	40	209	B		
RUS	VERHNEYE DUBROVO	21074.200	05	11			35.0	IU8BPS	I	AT	50H0	F1B	015	E	00	40	N	30	261	B		
RUS	NYAGAN	21074.200	05	11			27.0	IU8BPS	I	AT	50H0	F1B	015	E	00	40	N	30	258	B		
RUS	VERHNEYE DUBROVO	21074.300	05	11			32.0	BH3APK	CHN	AT	52H0	F1B	117	E	00	38	N	30	92	B		
RUS	NYAGAN	21074.300	05	11			32.0	BH3APK	CHN	AT	52H0	F1B	117	E	00	38	N	30	103	B		
RUS	VERHNEYE DUBROVO	21074.400	05	11			40.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	281	B		
RUS	NYAGAN	21074.400	05	11			40.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	276	B		
RUS	NYAGAN	21074.600	05	11			30.0	BH2UEZ	CHN	AT	51H0	F1B	121	E	00	38	N	30	99	B		
RUS	VERHNEYE DUBROVO	21074.600	05	11			30.0	BH2UEZ	CHN	AT	51H0	F1B	121	E	00	38	N	30	89	B		
RUS	NYAGAN	21074.700	05	11			27.0	IU2EBR	I	AT	51H0	F1B	011	E	00	45	N	30	267	B		
RUS	VERHNEYE DUBROVO	21074.700	05	11			37.0	IU2EBR	I	AT	51H0	F1B	011	E	00	45	N	30	272	B		
RUS	VERHNEYE DUBROVO	21074.700	05	11			35.0	IZ0MEA	I	AT	51H0	F1B	013	E	00	42	N	30	266	B		
RUS	NYAGAN	21074.700	05	11			15.0	IZ0MEA	I	AT	51H0	F1B	013	E	00	42	N	30	262	B		
RUS	NYAGAN	21074.900	05	11			32.0	BD0BK	CHN	AT	52H0	F1B	087	E	00	43	N	30	136	B		
RUS	VERHNEYE DUBROVO	21074.900	05	11			32.0	BD0BK	CHN	AT	52H0	F1B	087	E	00	43	N	30	118	B		
RUS	VERHNEYE DUBROVO	21075.000	05	11			23.0	OH8AV	FIN	AT	51H0	F1B	025	E	00	65	N	30	312	B		
RUS	NYAGAN	21075.000	05	11			23.0	OH8AV	FIN	AT	51H0	F1B	025	E	00	65	N	30	299	B		
RUS	VERHNEYE DUBROVO	21075.000	05	11			35.0	OH3EYR	FIN	AT	52H0	F1B	025	E	00	60	N	30	296	B		
RUS	NYAGAN	21075.000	05	11			35.0	OH3EYR	FIN	AT	52H0	F1B	025	E	00	60	N	30	283	B		
RUS	NYAGAN	21075.100	05	11			23.0	F5SYC	F	AT	50H0	F1B	003	E	00	50	N	30	280	B		
RUS	VERHNEYE DUBROVO	21075.100	05	11			23.0	F5SYC	F	AT	50H0	F1B	003	E	00	50	N	30	285	B		
RUS	VERHNEYE DUBROVO	21075.200	05	11			35.0	SV1ONU	GRC	AT	50H0	F1B	023	E	00	38	N	30	250	B		
RUS	NYAGAN	21075.200	05	11			15.0	SV1ONU	GRC	AT	50H0	F1B	023	E	00	38	N	30	247	B		
RUS	VERHNEYE DUBROVO	21075.400	05	11			32.0	SV2FNT	GRC	AT	50H0	F1B	021	E	00	40	N	30	255	B		
RUS	NYAGAN	21075.400	05	11			32.0	SV2FNT	GRC	AT	50H0	F1B	021	E	00	40	N	30	252	B		
RUS	NYAGAN	21075.500	05	11			32.0	BH1HWF	CHN	AT	50H0	F1B	117	E	00	40	N	30	101	B		
RUS	VERHNEYE DUBROVO	21075.500	05	11			32.0	BH1HWF	CHN	AT	50H0	F1B	117	E	00	40	N	30	90	B		
F	RAMBOUILLET	21075.500	30	12	0700	1900	20.0				2K80E	J7B								A	9	STANAG 4285
RUS	NYAGAN	21075.600	05	11			27.0	F1PPH	F	AT	50H0	F1B	001	E	00	47	N	30	278	B		
RUS	VERHNEYE DUBROVO	21075.600	05	11			37.0	F1PPH	F	AT	50H0	F1B	001	E	00	47	N	30	282	B		
RUS	VERHNEYE DUBROVO	21075.600	05	11			37.0	SM7XYQ	S	AT	51H0	F1B	015	E	00	57	N	30	291	B		
RUS	NYAGAN	21075.600	05	11			27.0	SM7XYQ	S	AT	51H0	F1B	015	E	00	57	N	30	283	B		
RUS	VERHNEYE DUBROVO	21075.700	05	11			38.0	9A7PBV	HRV	AT	51H0	F1B	017	E	00	45	N	30	267	B		
RUS	NYAGAN	21075.700	05	11			28.0	9A7PBV	HRV	AT	51H0	F1B	017	E	00	45	N	30	262	B		
RUS	NYAGAN	21075.800	05	11			32.0	ON4QX	BEL	AT	50H0	F1B	005	E	00	50	N	30	279	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	21075.800	05	11			32.0	ON4QX	BEL	AT	50H0	F1B	005	E	00	50	N	30	284	B		
RUS	NYAGAN	21076.100	05	11			27.0	MM0ABM	G	AT	52H0	F1B	005	W	00	55	N	30	286	B		
RUS	VERHNEYE DUBROVO	21076.100	05	11			37.0	MM0ABM	G	AT	52H0	F1B	005	W	00	55	N	30	292	B		
RUS	NYAGAN	21076.200	05	11			23.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	280	B		
RUS	VERHNEYE DUBROVO	21076.200	05	11			23.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	286	B		
RUS	VERHNEYE DUBROVO	21076.300	05	11			40.0	SV1EAG	GRC	AT	50H0	F1B	023	E	00	38	N	30	250	B		
RUS	NYAGAN	21076.300	05	11			40.0	SV1EAG	GRC	AT	50H0	F1B	023	E	00	38	N	30	247	B		
F	RAMBOUILLET	21187.500	31	12	0700	1900	20.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	21198.700	29	10	0455				AUS			J2D	130	E	37	13	S	07	193	B		
RUS	BELGOROD	21200.800	05	11	0654	0657	3.0		KAZ		5K00	J3E	066	E	17	48	N	15	86	B		
RUS	SMOLENSK	21202.000	02	11	0730	0830	6.0		POL	AT	2K45	J3E	021	E	53	51	N	43	247	B		
RUS	SMOLENSK	21213.000	02	11	0730	0830	5.0		GRC	AT	2K50	J3E	021	E	13	40	N	41	211	B		
RUS	SMOLENSK	21230.000	02	11	0730	0830	5.0		TUR	AT	2K50	J3E	032	E	47	39	N	32	178	B		
J	TOKYO	21288.000	17	12	0132														275	D		
KOR	CRMS	21455.000	22	10	0002	0002	-3.1		CHN	BC	14K9	A3E									6	
KOR	CRMS	21460.000	29	10	0008	0008	-12.2		CHN	BC	14K9	A3E									6	
KOR	CRMS	21460.000	22	11	0025	0025	-11.1		CHN	BC	15K0	A3E									6	
KOR	CRMS	21460.000	24	12	0000	0012	12.0	-15.08			14K9	A3E									6	
RUS	S. PETERSBURG	21470.000	07	11	0635	0645	30.0		ROU	BC		X7W	026	E	27	45	N	20	190	B		
RUS	ARKHANGELSK	21470.000	07	11	0635	0645	14.0		ROU	BC		X7W	026	E	07	45	N	19	210	B		
RUS	BELGOROD	21471.200	07	11	0630	0640	28.0		ROU	BC	9K70	X7E	026	E	16	44	N	30	233	B		DRM
KOR	CRMS	21472.000	22	10	0002	0002	-9.9		CHN	BC	15K0	A3E									6	
KOR	CRMS	21490.000	04	10	0052	0052	34.3		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	21490.000	18	10	1115	1145	58.1	Soh Zi Wang Zhi Sheng	CHN	BC	9K00	A3E							72	A		Chinese language
ROU	BELCIUGATELE	21490.000	21	10	1214	1229	46.1	Jammer	CHN	BC	10K0	A3E							83	A	3	Dongfang
RUS	BELGOROD	21490.000	07	11	0550	0555	12.0		CHN	BC	9K00	A3E	109	E	26	19	N	05	91	B		
RUS	ARKHANGELSK	21490.000	07	11	0625	0630	16.0		CHN	BC		A3E							94	B		
RUS	S. PETERSBURG	21490.000	07	11	0625	0630	24.0		CHN	BC		A3E							79	B		
RUS	BELGOROD	21490.000	07	11	0700	0710	34.0		CHN	BC	10K0	A3E	087	E	39	43	N	46	81	B		
F	RAMBOUILLET	21490.000	25	11	0700	1255	27.0	SOH XI WANG ZHI SHENG			10K0E	A3EG -								A	3	
KOR	CRMS	21490.000	29	11	0415	0415	13.6		CHN	BC	13K7	A3E									6	
ROU	BELCIUGATELE	21490.000	29	11	1120	1150	35.4	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							81	A		Chinese language
KOR	CRMS	21490.000	02	12	0004	0409	409.0	17.309999999999999			13K0	A3E									6	
ROU	BELCIUGATELE	21490.000	04	12	0000	2400	32.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							73	A		Chinese language
KOR	CRMS	21490.000	05	12	0006	0607	607.0	49.24			14K8	A3E									6	
KOR	CRMS	21530.000	07	10	0705	0705	27.8		CHN	BC	12K8	A3E									6	
RUS	BELGOROD	21530.000	07	11	0545	0555	12.0		CHN	BC	9K60	A3E	111	E	10	40	N	17	71	B		
RUS	S. PETERSBURG	21530.000	07	11	0615	0625	35.0		CHN	BC		A3E							74	B		
RUS	ARKHANGELSK	21530.000	07	11	0615	0625	28.0		CHN	BC		A3E							87	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	ARKHANGELSK	21530.000	07	11	0815	0825	27.0		CHN	BC		A3E							87	B		
RUS	S. PETERSBURG	21530.000	07	11	0815	0825	38.0		CHN	BC		A3E							74	B		
RUS	SAMARA	21530.000	07	11	0830	0900	38.0		CHN	BC	10K0	A3E	100	E	59	26	N	57	105			
RUS	MOROZOVSK	21530.000	07	11	1445	1500	11.0		CHN	BC	6K00	A3E	102	E	32	27	N	25	91	B		
KOR	CRMS	21530.000	29	11	0416	0416	6.5		CHN	BC	14K6	A3E									6	
J	TOKYO	21530.000	03	12	0605					BC		D7W							245	C		
KOR	CRMS	21530.000	06	12	0000	0006	6.0	29.31			14K3	A3E									6	
KOR	CRMS	21530.000	09	12	0006	0638	638.0	34.340000000000003			10K9	A3E									6	
F	RAMBOUILLET	21535.000	25	11	1420	1435	54.0				25K0E	PXX								A	9	OTHR
RUS	MOROZOVSK	21550.000	07	11	1500	1515	17.0		ROU	BC	3K00	A3E	025	E	24	45	N	16	261	C		
RUS	MOROZOVSK	21565.000	07	11	1615	1630	22.0		CHN	BC	9K00	A3E	109	E	42	19	N	08	93	B		
ROU	BELCIUGATELE	21580.000	18	10	0830	0900	60.7	R. France Int		BC	9K00	A3E							288	A		French language
ROU	BELCIUGATELE	21580.000	22	10	0832	0919	52.2	Radio France International	F	BC	10K0	A3E							289	A		Issoudun French language
RUS	BELGOROD	21580.000	07	11	0705	0715	33.0		F	BC	10K0	A3E	001	E	44	46	N	21	273	B		
RUS	S. PETERSBURG	21580.000	07	11	0720	0730	48.0		F	BC		A3E							246	B		
RUS	ARKHANGELSK	21580.000	07	11	0720	0730	26.0		F	BC		A3E							249	B		
RUS	SAMARA	21580.000	07	11	0800	0900	45.0		F	BC	10K0	A3E	000	E	36	46	N	14	278	A		
ROU	BELCIUGATELE	21580.000	18	11	0800	0838	53.1	Radio France International	F	BC	10K0	A3E							289	A		Issoudun French language
F	RAMBOUILLET	21580.000	26	11	0700	1000	34.0	RFI			10K0	A3EG -								A		
HNG	TARNOK	21580.000	23	12	1237	1330	68.6	RFI	F	BC	9K18	A3E										
KOR	CRMS	21580.000	26	12	0007	0712	712.0	-13.46			14K8	A3E									6	
F	RAMBOUILLET	21615.000	26	11	1200	1230	40.0	RADIO France			10K0	A3EG -								A		
RUS	MOROZOVSK	21670.000	08	11	1245	1300	20.0		ARS	BC	3K00	A3E	046	E	26	24	N	50	170	C		
F	RAMBOUILLET	21675.000	27	11	0700	0800	48.0				25K0E	PXX								A	9	OTHR
RUS	ARKHANGELSK	21680.000	08	11	0650	0655	15.0		CHN	BC		A3E							66	B		
RUS	S. PETERSBURG	21680.000	08	11	0650	0655	16.0		CHN	BC		A3E							56	B		
RUS	MOROZOVSK	21680.000	08	11	1300	1315	7.0		CHN	BC	6K00	A3E	105	E	26	30	N	27	83	B		
KOR	CRMS	21680.000	15	11	0632	0632	47.8		USA	BC	14K6	A3E									6	
KOR	CRMS	21680.000	05	12	0006	0608	608.0	32.369999999999997			14K8	A3E									6	
KOR	CRMS	21680.000	23	12	0006	0625	625.0	13.73			14K3	A3E									6	
I	ROMA	21690.000	11	10	1512		11.0	RFI	F	BC	10K0E	A3E										
ROU	BELCIUGATELE	21690.000	22	10	0921	0949	57.0	Radio France International	F	BC	10K0	A3E							289	A		Issoudun French language
RUS	ARKHANGELSK	21690.000	08	11	0910	0920	36.0		F	BC		A3E							248	B		
RUS	S. PETERSBURG	21690.000	08	11	0910	0920	42.0		F	BC		A3E							247	B		
ROU	BELCIUGATELE	21690.000	18	11	0839	0910	56.2	Radio France International	F	BC	10K0	A3E							289	A		Issoudun French language
F	RAMBOUILLET	21690.000	27	11	1200	1300	27.0	RFI			10K0	A3EG -								A		
F	RAMBOUILLET	21690.000	27	11	1500	1600	29.0	RFI			10K0	A3EG -								A		
KOR	CRMS	21800.000	04	10	0053	0053	44.4		CHN	BC	10K3	A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	21800.000	18	10	1110	1140	53.8	Soh Zi Wang Zhi Sheng	CHN	BC	9K00	A3E							71	A		Chinese language
RUS	BELGOROD	21800.000	08	11	0545	0555	37.0		CHN	BC	9K60	A3E	104	E	30	23	N	48	91	B		
RUS	NYAGAN	21800.000	08	11	0600	0602	25.0		CHN	BC	2K85	A3E	102	E	23	26	N	03	128	A		
RUS	VERHNEYE DUBROVO	21800.000	08	11	0600	0602	33.0		CHN	BC	2K85	A3E	102	E	23	26	N	03	119	A		
RUS	S. PETERSBURG	21800.000	08	11	0650	0655	22.0		CHN	BC		A3E							79	B		
RUS	ARKHANGELSK	21800.000	08	11	0650	0655	18.0		CHN	BC		A3E							94	B		
RUS	S. PETERSBURG	21800.000	08	11	0730	0735	31.0		CHN	BC		A3E							89	B		
RUS	ARKHANGELSK	21800.000	08	11	0730	0735	17.0		CHN	BC		A3E							101	B		
F	RAMBOUILLET	21800.000	28	11	0700	1200	22.0	SOH XI WANG ZHI SHENG			10K0E	A3EG								A	3	
KOR	CRMS	21800.000	29	11	0423	0423	1.4		CHN	BC	13K2	A3E									11	
KOR	CRMS	21800.000	02	12	0004	0411	411.0	14.56			14K2	A3E									6	
J	TOKYO	21928.000	01	10	1015			GUAM		FA		J2D										
J	TOKYO	21928.000	09	10	0750			GUAM		FA		J2D										
J	TOKYO	21928.000	16	10	0606			MOLOKAI		FA		J2D										
J	TOKYO	21928.000	29	10	0446			GUAM		FA		J2D										
J	TOKYO	21928.000	06	11	0138			GUAM		FA		J2D										
J	TOKYO	21928.000	10	11	2358			GUAM		FA		J2D										
J	TOKYO	21928.000	19	11	1004			GUAM		FA		J2D										
J	TOKYO	21928.000	10	12	0418			GUAM		FA		J2D										
J	TOKYO	21928.000	17	12	0138			GUAM		FA		J2D										
J	TOKYO	21929.430	23	12	2353														167	D		
J	TOKYO	21929.490	26	11	0749														270	D		
J	TOKYO	21934.000	06	11	0140			SANFRANCISCO		FA		J2D										
J	TOKYO	21937.000	01	10	1015			BAHRAIN		FA		J2D										
J	TOKYO	21937.000	09	10	0755			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	16	10	0607			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	29	10	0446			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	06	11	0141			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	11	11	0008			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	10	12	0420			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	17	12	0138			MOLOKAI		FA		J2D										
J	TOKYO	21949.000	10	12	0421			HATYAI		FA		J2D										
J	TOKYO	21949.000	17	12	0139			HATYAI		FA		J2D										
J	TOKYO	21982.000	16	10	0608			BAHRAIN		FA		J2D										
J	TOKYO	21997.000	16	10	0610							J2D										
RUS	BELGOROD	22222.000	12	11	1125	1133	3.3		CYP		5K00	J1D	032	E	56	34	N	37	191	B		
F	RAMBOUILLET	22300.000	26	11	1330	1350	59.0				25K0E	PXX								A	9	OTHR
RUS	BELGOROD	22303.000	13	11	1025	1028	31.0		CYP	LR	25K0		032	E	56	34	N	37	191	B		
J	TOKYO	22375.990	09	10	0806							F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	22383.200	10	12	0434				RUS				132	E	04	43	N	28	323	B		
RUS	BELGOROD	22385.500	13	11	1325	1340	33.0		GRC		400H	F1B	021	E	38	37	N	32	225	B		
RUS	SAMARA	22386.000	13	11	0700	0715	43.0		GRC	FX	100H	F1B	022	E	28	40	N	10	246			
J	TOKYO	22387.500	16	10	0616			SVO		FC		F1B										
J	TOKYO	22387.520	03	12	0625							F1B										
RUS	BELGOROD	22392.000	13	11	1330	1335	34.0		GRC		380H	F1B	021	E	38	37	N	32	225	B		
F	RAMBOUILLET	22392.000	26	11	0720	1450	42.0				300HE	F1B								A	9	
J	TOKYO	22413.000	09	10	0813							F1B							325	D		
F	RAMBOUILLET	22413.000	27	11	0800	1450	22.0				300HE	F1B								A	9	
RUS	BELGOROD	22448.800	13	11	0750	0755	11.7		DJI		2K80	J1D	043	E	08	11	N	33	170	B		
RUS	SMOLENSK	22450.000	14	11	0730	0830	4.0		CHN	BC	2K99	A3E	118	E	54	29	N	57	77	B		
J	TOKYO	22462.900	10	12	0439				F				166	E	27	21	S	53	152	B		NCL
RUS	BELGOROD	22463.500	14	11	0610	0700	28.0		I		2K80	J1D	012	E	27	41	N	40	251	B		
RUS	ARKHANGELSK	22463.500	14	11	0915	0925	8.0		I	FX		G1D							229	B		
RUS	S. PETERSBURG	22463.500	14	11	0915	0925	19.0		I	FX		G1D							221	B		
RUS	S. PETERSBURG	22463.500	21	11	1045	1055	16.0		I	FX	2K80	G1D							220	B		
RUS	ARKHANGELSK	22463.500	21	11	1045	1055	6.0		I	FX		G1D							230	B		
J	TOKYO	22471.000	16	10	0621							F1B							251	D		
RUS	BELGOROD	22471.000	14	11	0550	0555	1.0		G		870H	F1B	072	E	25	07	S	19	140	B		
J	TOKYO	22569.740	23	12	2358														192	D		
J	TOKYO	22676.290	24	12	0003														190	D		
HNG	TARNOK	22684.600	31	12	0803	1332	34.0				3K20E	G1D										STANAG 4285
F	RAMBOUILLET	22700.000	02	12	0705	0825	19.0				20K0E	PXX								A	9	OTHR
J	TOKYO	22864.000	01	10	1025							F1B							323	D		
J	TOKYO	22864.000	09	10	0819							F1B							324	D		
HNG	TARNOK	22864.000	29	12	1300	1336	32.8	RDL	RUS		400H	F1B										200HZ 50BD
J	TOKYO	22910.000	06	11	0149							F1B							250	D		
J	TOKYO	23064.200	17	12	0148														208	D		
J	TOKYO	23354.000	16	10	0631							F1B										
RUS	BELGOROD	23526.300	21	11	1000	1005	42.0		CYP	LR	20K0		032	E	56	34	N	37	191	B		
RUS	BELGOROD	23670.200	22	11	0550	0600	40.0		CYP	LR	20K0		032	E	56	34	N	37	191	B		
J	TOKYO	23899.900	26	11	0801														291	D		
RUS	BELGOROD	23900.000	25	11	1302	1306	40.0		CYP	LR	20K0		032	E	56	34	N	37	191	B		
J	TOKYO	23999.900	16	10	0640														307	D		
RUS	MOROZOVSK	24890.000	02	12	0830	0845	25.0		F	FX	1K00	A1A	003	E	33	44	N	57	278	C		
RUS	SMOLENSK	24917.000	02	12	0600	0700	5.0		CHN	AT	100H	A1A	119	E	16	33	N	03	71	B		
RUS	SMOLENSK	24926.000	02	12	0600	0700	5.0		F	AT	400H	F1B	045	E	57	00	N	25	259	B		
J	TOKYO	25000.000	06	11	0209			WWV		SS		AXW										
J	TOKYO	25000.000	24	12	0022					SS		AXW										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	25123.000	01	10	0848	0938	59.8				20K0E	F0N									11	OTHR
HNG	TARNOK	25156.000	01	10	0545	0610	26.8				15K0E	F0N									11	OTHR
RUS	SMOLENSK	25163.000	03	12	1030	1230	4.0		BLR	FX	1K60	A3E	030	E	13	54	N	33	255	B		
RUS	MOROZOVSK	25174.500	03	12	0845	0900	31.0		CHN	FX	4K00	F7B	113	E	52	21	N	33	90	C		
HNG	TARNOK	25586.000	03	10	0845	0918	65.4				20K0E	F0N										OTHR
HNG	TARNOK	25636.000	03	10	0918	0950	57.4				20K0E	F0N										OTHR
HNG	TARNOK	25640.000	03	10	0617	0630	53.7				20K0E	F0N										OTHR
HNG	TARNOK	25652.000	03	10	1444	1527	46.6				20K0E	F0N										OTHR
HNG	TARNOK	25658.000	03	10	1024	1031	46.2				15K0E	F0N										OTHR
HNG	TARNOK	25660.000	03	10	0743	0856	49.4				15K0E	F0N										OTHR
I	ROMA	25700.000	08	10	1404		58.0	BBC	CVA	BC	9K00E	A3E							286	A		
RUS	MOROZOVSK	25700.000	06	12	1300	1700	49.0		G	BC	6K00	A3E	003	W	11	51	N	59	349	B		
RUS	SMOLENSK	25800.000	06	12	0630	0730	5.0		CHN	AT	100K	A1A	103	E	18	37	N	29	80	B		
RUS	BELGOROD	25800.000	06	12	0730	0740	27.0		DNK	BC	9K00	A3E	010	E	10	56	N	04	299	B		
F	RAMBOUILLET	25895.000	03	12	1115	1155	15.0				20K0E	PXX								A	9	OTHR
RUS	SMOLENSK	25953.000	09	12	0630	0730	5.0		CHN	AT	100K	A1A	076	E	46	36	N	15	71	B		
J	TOKYO	25991.000	16	10	0652														304	D		
HNG	TARNOK	26268.515	09	10	1304	1311	43.9				200HE	F1B										150HZ,100BD
RUS	SMOLENSK	26305.000	11	12	0730	0830	4.0			FX	150K	A3E							134	B		
HNG	TARNOK	26369.000	09	10	1116	1217	63.1				20K0E	F0N										OTHR
J	TOKYO	26834.900	17	12	0213							A1A										
RUS	SMOLENSK	26904.000	16	12	1030	1130	4.0		POL	FX	1K30	J3E	020	E	04	53	N	54	267	B		
J	TOKYO	27094.500	11	11	0052							J2D							42	D		
J	TOKYO	27094.840	26	11	0817														291	D		
J	TOKYO	27094.900	29	10	0515				RUS			J2D	157	E	35	53	N	34	27	B		
RUS	SMOLENSK	27129.000	17	12	1030	1130	5.0		F	FX	1K20	A3E	044	E	55	00	N	25	274	B		
HNG	TARNOK	27255.000	11	10	0959	1008	41.5		HNG	FL	2K80E	J3E										USB ,TRUCK DRIVER
HNG	TARNOK	27485.200	13	10	1000	1800	44.4				2K70E	J3E										
J	TOKYO	27499.980	09	10	0901														241	D		
J	TOKYO	27500.000	10	12	0503				CHN			A3E	121	E	30	31	N	25	260	B		
RUS	SMOLENSK	27540.000	19	12	0630	0730	8.0			FX	2K50	J3E							268	B		
J	TOKYO	27632.960	26	11	0826														305	D		
HNG	TARNOK	27640.000	13	10	1046	1817	46.0				2K70E	J3E										