



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°: **380**

RESUMEN N°:

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: **01.10.23 - 31.12.23**

Período :

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: **22.01.24**

Última fecha de actualización de datos:

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

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

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
I	ROMA	2869.000	22	12	0140		6.0	SAMARA	RUS	FA	2K70E	J3E							50	A		VOLMET
I	ROMA	2920.000	10	11	1555	1555	1.0	INTRUDERS USB		FX	2K70E	J3E									3	RUS
I	ROMA	3132.000	22	11	1538	1539	16.0	INTRUDERS AM	RUS	FX	6K00E	A3E							47	A	3	RUS
I	ROMA	3190.000	22	11	1539	1542	15.0	INTRUDERS AM		FX	6K00E	A3E							60	A	3	MUSIC
J	TOKYO	3205.000	11	10	1003														295	A		
J	TOKYO	3205.000	28	11	1005				KRE	BC		D7W	125	E	52	39	N	29	293	A		
J	TOKYO	3205.000	05	12	0747				KRE			J2B	125	E	51	39	N	21	292	B		
HNG	TARNOK	3222.000	13	12	0330	0630	22.8			BC	11K7	A3E									11	
G	BALDOCK	3231.000	04	11				?	UKR	FC	3K30E	J7D							94	A		ODESSA /
HNG	TARNOK	3232.000	13	12	0500	2400	37.3				3K00	G1D										STANAG 4285
HNG	TARNOK	3240.101	13	12	1500	2400	19.7				3K00	G1D										STANAG 4285
G	BALDOCK	3243.000	12	11				THE BUZZER	RUS	FX	2K80E	XXX							67	B		
HNG	TARNOK	3244.000	12	12	1409	1420	35.6				20K0E	F0N										OTHR
G	BALDOCK	3248.800	12	11				?	D	FC	3K00E	G1D							68	A		
HNG	TARNOK	3248.900	13	12	0000	0630	21.3				600H	F1B										CIS 36-50
J	TOKYO	3250.000	11	10	1003				KRE	BC		A3E	125	E	28	39	N	24	292	A		
J	TOKYO	3250.000	17	10	0748			PYONGYANG B.S.		BC		A3E	125	E	49	39	N	04	291	B	11	
J	TOKYO	3250.000	24	10	0613				KRE	BC		A3E	125	E	00	40	N	00	294	A		
J	TOKYO	3250.000	28	11	1007			KOREAN CENTRAL B.S.		BC		A3E	125	E	52	39	N	19	292	B	11	
J	TOKYO	3250.000	05	12	0749			KOREAN CENTRAL B.S.		BC		A3E	125	E	48	38	N	59	291	B	11	
G	BALDOCK	3251.000	24	10					NOR	FX	3K00E	G1D							23	A		
G	BALDOCK	3251.000	04	11				?	NOR	FC	3K00E	G1D							23	A		
G	BALDOCK	3256.000	12	11				?	RUS	FC	290HE	F1B							53	B		
HNG	TARNOK	3259.900	13	12	0400	2400	28.7				100H	A1B										
HNG	TARNOK	3269.000	13	12	1700	1800	29.2			BC	11K4	A3E									11	
I	ROMA	3270.000	21	11	0122	0125	31.0	INTRUDERS LSB		FX	3K10E	J3E									3	ITALIAN MUSIC
HNG	TARNOK	3279.984	13	12	0000	2400	39.1				3K00	G1D										STANAG 4285
KOR	CRMS	3320.000	04	10	0047	0047	9.7		KRE	BC	14K9	A3E									11	
J	TOKYO	3320.000	11	10	1004				KRE	BC		A3E	125	E	18	38	N	53	290	A		
J	TOKYO	3320.000	17	10	0751			PYONGYANG B.S.		BC		A3E	126	E	29	39	N	00	291	B	11	
KOR	CRMS	3320.000	02	11	0135	0135	12.2		KRE	BC	14K1	A3E									11	
J	TOKYO	3320.000	28	11	1010			PYONGYANG B.S.		BC		A3E	126	E	11	39	N	12	291	B	11	
KOR	CRMS	3320.000	01	12	0400	0400	2.0		KRE	BC	14K8	A3E									11	
J	TOKYO	3320.000	05	12	0752				KRE	BC		A3E	125	E	45	39	N	16	293	B		
HNG	TARNOK	3349.928	15	12	1703	2400	33.2				3K00	G1D										STANAG 4285
HNG	TARNOK	3352.000	15	12	1934	1942	43.4				300H	F1B										240HZ, 50BD
HNG	TARNOK	3354.000	14	12	0000	0010					2K60	J3E										USB
HNG	TARNOK	3354.900	15	12	1704	1706	43.7				100H	A1B										
HNG	TARNOK	3355.000	14	12	0711	1521	30.4				800H	F1B										500HZ, 50BD

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	3361.000	15	12	1815	1950	33.8				3K00E	J3E										LSB ITALIAN
HNG	TARNOK	3363.600	14	12	0000	0100	33.6				3K00	G1D										STANAG 4285
G	BALDOCK	3372.125	04	11				?	RUS	FX	100HE	N0N							63	B		
HNG	TARNOK	3377.000	15	12	1825	1925	25.3	INTERMITTENT TR.			7K00E	A3E										
HNG	TARNOK	3380.000	15	12	1652	1704	43.9				100H	A1B										
G	BALDOCK	3393.900	04	11				?	RUS	FX	100HE	N0N							67	B		
G	BALDOCK	3395.500	04	11				?	UKR	FX	100HE	A1A							94	B		5 LETTER
HNG	TARNOK	3395.500	15	12	2108	2227	38.2				300H	F1B										240HZ, 50BD CIS 36-50
HNG	TARNOK	3399.000	15	12	1550	1601	47.5				100H	A1B										
G	BALDOCK	3413.000	04	11				SHANNON VOLMET	IRL	FC	2K80E	J3E							286	A		
I	ROMA	3413.000	14	11	2150	2250	18.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							317	A		VOLMET
I	ROMA	3430.000	14	11	2154	2206	3.0	INTRUDERS USB		FX	2K70E	J3E							91	A	3	
I	ROMA	3430.000	14	11	2154	2206	3.0	INTRUDERS USB		FX	2K70E	J3E							115	A	3	
I	ROMA	3430.000	14	11	2154	2206	3.0	INTRUDERS USB		FX	2K70E	J3E							103	A	3	
G	BALDOCK	3446.000	04	11				SHANWICK ATC	IRL	FC	2K80E	J3E							282	A		
I	ROMA	3455.000	14	11	2222	2223	13.0			FA	2K70E	J3E							302	A		
I	ROMA	3455.000	14	11	2236	2236	6.0	INTRUDERS LSB		FX	2K70E	J3E							290	A	3	
I	ROMA	3460.000	14	11	2150	2250	13.0	INTRUDERS LSB	F	FX	2K70E	J3E							315	A	3	FRENCH
I	ROMA	3460.000	14	11	2207	2207	9.0	INTRUDERS LSB	F	FX	2K70E	J3E							301	A	3	FRENCH
G	BALDOCK	3460.000	16	11				?	F	BC	2K80E	J3E							164	A	3	LSB, MUSIC
I	ROMA	3460.000	29	12	0220		14.0	INTRUDERS LSB	F	FX	2K70E	J3E							305	A		
I	ROMA	3460.000	29	12	0220		20.0	INTRUDERS LSB	F	FX	2K70E	J3E							270	A		CORSICA
I	ROMA	3464.000	14	11	2150	2250	2.0			FX	3K10E	P0N							33	A	3	
G	BALDOCK	3465.000	12	11				?	GRC	FX	2K80E	J3E							118	B	3	
I	ROMA	3469.000	10	11	1555	1555	3.0	INTRUDERS USB	GRC	FX	2K70E	J3E									3	
I	ROMA	3469.000	14	11	2239	2239	3.0	INTRUDERS USB		FX	2K70E	J3E							100	A	3	
I	ROMA	3470.000	15	12	2239	2241	35.0	INTRUDERSLSB	F	FX	2K70E	J3E									3	SSTV FROM DOM61
I	ROMA	3475.000	14	11	2250	2255	17.0	INTRUDERS LSB	GRC	FX	2K70E	J3E							107	A	3	MUSIC
I	ROMA	3476.000	02	10	0150	0155	13.0	GANDER RADIO	CAN	FA	2K70E	J3E										AIR TRAFFIC
I	ROMA	3476.000	29	12	0221		5.0	GANDER	CAN	FA	2K70E	J3E							292	A		AIR TRAFFIC CONTROL
J	TOKYO	3480.000	11	10	1005				KOR	BC		A3E	127	E	01	37	N	15	283	A		
I	ROMA	3480.000	10	11	1555	1555	3.0		KRE	BC	2K70E	A3E									3	
I	ROMA	3480.000	14	11	2150	2250	15.0		KRE	BC	2K70E	A3E							37	A	3	
I	ROMA	3480.000	14	11	2213	2214	24.0	INTRUDERS LSB		FX	2K70E	J3E							20	B	3	
J	TOKYO	3480.000	05	12	0755			V.O. PEOPLE		BC		A3E	127	E	01	37	N	06	282	B	11	
J	TOKYO	3480.010	17	10	0756			V.O. PEOPLE		BC		A3E	127	E	00	37	N	29	284	B	11	
I	ROMA	3481.000	14	11	2150	2211	4.0	SHIFTING CARRIER		FX	2K70E	J3E							65	B	3	
I	ROMA	3485.000	02	10	0155	0157	10.0	GANDER VOLMET	CAN	FA	2K70E	J3E										
I	ROMA	3485.000	14	11	2220	2230	2.0	GANDER VOLMET	CAN	FA	3K10E	J3E							306	B		VOLMET

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	3485.000	29	12	0220		3.0	GANDER VOLMET	CAN	FA	2K70E	J3E										VOLMET
G	BALDOCK	3486.000	16	11				GANDER VOLMET	USA	FA	2K80E	J3E							286	B		
I	ROMA	3490.000	14	11	2150	2204	21.0	INTRUDERS LSB		FX	2K70E	J3E							341	A	3	MUSIC
I	ROMA	3490.000	14	11	2150	2204	18.0	INTRUDERS LSB		FX	2K70E	J3E							344	A	3	
I	ROMA	3491.000	30	10	0600	0604	6.0	SHANWICK RADIO	IRL	FA	2K70E	J3E							312	A		AIR TRAFFIC
I	ROMA	3491.000	29	12	0232		14.0	SHANWICK	IRL	FA	2K70E	J3E							312	A		AIR TRAFFIC CONTROL
I	ROMA	3497.000	14	11	2226	2250	4.0			FX	3K10E	P0N							204	A	3	
G	BALDOCK	3501.000	18	10					RUS	ML	3K30E	J7D							64	B		
G	BALDOCK	3505.000	18	10					RUS	ML	3K30E	J7D							62	C		
G	BALDOCK	3523.800	18	11					RUS	FX	3K00E	XXX							67	A		
HNG	TARNOK	3524.000	17	12	0000	2400	55.8				3K00	G1D										STANAG 4285
G	BALDOCK	3527.000	18	10					NOR	ML	332HE	F1B							28	B		
G	BALDOCK	3527.000	18	11					RUS	FX	250HE	F1B							30	B		
J	TOKYO	3545.000	28	11	1014				RUS				133	E	40	43	N	07	327	B		
G	BALDOCK	3581.500	18	10					TUR	ML	3K00E	G1D							110	C		
G	BALDOCK	3581.800	18	11						FX	3K00E	G1D							103	B		
J	TOKYO	3585.000	11	10	1006			HLL2				F3C										
J	TOKYO	3585.000	28	11	1018			HLL2				F3C	127	E	59	36	N	23	278	B		
J	TOKYO	3585.000	05	12	0758			HLL2				F3C							277	C		
J	TOKYO	3585.000	12	12	0626			HLL2				F3C	127	E	58	36	N	24	279	B		
G	BALDOCK	3598.400	18	10					IRL	ML	244HE	F1B							292	B		
G	BALDOCK	3608.000	18	10					D	ML	312HE	F1B							72	B		
G	BALDOCK	3608.000	18	11					F	FX	2K80E	J3E							126	B		
G	BALDOCK	3614.800	27	10						FX	6K00E	A3E							89	C		
G	BALDOCK	3618.000	18	11						FX	2K80E	J3E							101	C		
J	TOKYO	3654.500	02	10	2350														311	B		
HNG	TARNOK	3684.000	15	12	2114	2120	41.7				100H	A1B										
G	BALDOCK	3699.500	18	10					D	ML	297HE	F1B							73	A		
G	BALDOCK	3699.500	18	11					RUS	FX	250HE	F1B							73	B		
G	BALDOCK	3710.000	18	10					LTU	ML	298HE	F1B							68	A		
J	TOKYO	3745.000	28	11	1022				RUS				133	E	18	43	N	00	325	B		
G	BALDOCK	3854.000	05	11				DDH3	D	SM	1K10E	F1C							71	A		
ROU	BELCIUGATELE	3855.000	30	10	0933	1006	35.6	DDH/K Maritime	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
ROU	BELCIUGATELE	3855.000	06	12	1044	1115	35.1	DDH/K Maritime	D	FC	1K20	F1B							318	A		Weather Forecast Station FAX
G	BALDOCK	3864.000	18	10					NOR	ML	3K00E	G1D							23	A		
G	BALDOCK	3881.000	05	11					F	FX	100HE	A1A							160	A		
G	BALDOCK	3897.000	18	10					D	ML	3K00E	G1D							72	B		
G	BALDOCK	3897.000	05	11					D	FX	3K00E	G1D							69	A		
J	TOKYO	3910.000	11	10	1017				KRE	BC		A3E	125	E	18	38	N	43	289	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	3910.000	20	11	2355			V.O. PEOPLE		BC		A3E	126	E	58	37	N	00	282	B		
J	TOKYO	3910.000	05	12	0800			V.O. PEOPLE		BC		A3E	126	E	58	37	N	11	282	B		
J	TOKYO	3930.000	02	10	2357				KOR	BC		A3E	126	E	54	37	N	39	285	B		
J	TOKYO	3930.000	11	10	1019				KOR	BC		A3E	126	E	59	37	N	15	282	A		
J	TOKYO	3930.010	07	11	0418				KOR	BC		A3E							283	C		
J	TOKYO	3930.010	20	11	2356			V.O. PEOPLE		BC		A3E										
J	TOKYO	3930.010	05	12	0804			V.O. PEOPLE		BC		A3E	127	E	11	37	N	06	281	B		
J	TOKYO	3944.990	20	11	2357					BC		A3E										
KOR	CRMS	3945.000	10	10	0417	0417	20.9		KRE	BC	14K6	A3E									11	
KOR	CRMS	3945.000	03	11	0446	0446	29.5		KRE	BC	13K4	A3E									11	
KOR	CRMS	3945.000	01	12	0400	0400	16.9		KRE	BC	14K6	A3E									11	
HNG	TARNOK	3949.972	19	12	1430	1800	29.0	PBS	CHN	BC	11K7	A3E										
HNG	TARNOK	3954.997	19	12	1700	1900	37.8	SRO	D	BC	11K1	A3E										
HNG	TARNOK	3955.000	19	12	0500	0530	32.4	MISSIONWERK W.H.	D	BC	10K0E	A3E										
HNG	TARNOK	3955.001	19	12	0700	0810	19.8	Radio Channel 292	D	BC	11K6	A3E										
HNG	TARNOK	3955.001	19	12	2100	2400	18.9	HCJB	D	BC	11K9	A3E										
HNG	TARNOK	3955.002	18	12	0640	1808	37.7	RWM	RUS	SS	100H	A1B										
HNG	TARNOK	3955.002	19	12	0630	1530	26.3	HCJB	D	BC	11K8	A3E										
J	TOKYO	3958.960	05	12	0806			KOREAN CENTRAL B.S.		BC		A3E	126	E	23	39	N	04	292	B	11	
J	TOKYO	3958.990	12	12	0634					BC		A3E							301	D		
J	TOKYO	3959.000	28	11	1026			KOREAN CENTRAL B.S.		BC		A3E	125	E	54	40	N	24	297	B		
G	BALDOCK	3975.000	18	10				S/W RADIO IBC	D	BC	9K00E	A3E							78	A		
HNG	TARNOK	3975.000	19	12	1700	1800	35.4	PBS	CHN	BC	11K5	A3E									3	
J	TOKYO	3982.350	05	12	0810							J2B							309	C		
J	TOKYO	3982.400	21	11	0010							J2D										
HNG	TARNOK	3984.999	19	12	1430	2000	27.0	Radio Channel 292	D	BC	11K8	A3E										
J	TOKYO	3985.000	03	10	0000				KOR	BC		A3E	127	E	01	37	N	39	285	A		
J	TOKYO	3985.000	11	10	1020				KOR	BC		A3E	126	E	56	37	N	38	285	A		
HNG	TARNOK	3985.000	19	12	1600	2300	43.1	IBC	D	BC	11K5	A3E										
J	TOKYO	3985.010	07	11	0421			ECHO OF HOPE		BC		A3E							285	C		
J	TOKYO	3985.010	21	11	0015			ECHO OF HOPE		BC		A3E										
J	TOKYO	3985.010	05	12	0812			ECHO OF HOPE		BC		A3E	127	E	05	37	N	11	283	B		
J	TOKYO	3985.010	25	12	0148				KOR	BC		A3E	127	E	10	37	N	04	282	B		
J	TOKYO	3988.250	03	10	0002														288	A		
HNG	TARNOK	3990.000	19	12	1440	1600	30.3			BC	11K7	A3E										
G	BALDOCK	3995.000	18	10				BBC	PHL	BC	9K00E	A3E							66	C		
HNG	TARNOK	3995.000	19	12	2000	2200	61.1	KBS	G	BC	9K80	A3E										
HNG	TARNOK	3995.001	19	12	0000	0230	43.5			BC	10K4	A3E										
HNG	TARNOK	3995.001	19	12	0300	0500	26.2	HCJB	D	BC	10K0E	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	3995.001	19	12	0600	0700	56.0	BBC	G	BC	10K0	X7E										DRM
J	TOKYO	4005.000	28	11	1030				USA			F1B	144	E	50	13	N	34	168	B		GUM
J	TOKYO	4005.000	05	12	0821							F1B							169	C		
J	TOKYO	4005.000	12	12	0638							F1B										
J	TOKYO	4077.200	17	10	0824				CHN			J2D	121	E	54	39	N	14	290	B		
G	BALDOCK	4083.000	21	10			?			FX	3K00E	G1D							71	A		
G	BALDOCK	4083.000	05	11					D	ML	3K00E	G1D							75	A		
ROU	BELCIUGATELE	4083.000	27	11	0715	0733	34.7	?		FX	3K00	G1D							298	B		
J	TOKYO	4088.500	28	11	1037				CHN			A1A	123	E	49	41	N	08	298	B		
G	BALDOCK	4095.400	21	10			?			FX	1K00E	A2A							39	A		
G	BALDOCK	4111.000	21	10			?			FX	3K00E	G1D							52	A		
ROU	BELCIUGATELE	4111.000	27	11	0734	0738	14.8	?		FX	1K00	G1D							294	B		
G	BALDOCK	4134.000	21	10			?			FX	3K00E	J7D							35	A		
G	BALDOCK	4165.000	21	10			?			FX	3K00E								348	B		
G	BALDOCK	4167.000	21	10			?			FX	3K00E	G1D							18	A		
J	TOKYO	4170.000	11	10	1020							F3C										
ROU	BELCIUGATELE	4170.000	27	11	0740	0743	34.5	?		FX	3K30	G1D							145	B		
J	TOKYO	4170.000	12	12	0704			XSG		FC		F3C							260	C		
J	TOKYO	4180.500	17	10	0828				CHN			A1A	123	E	08	41	N	40	300	B		
J	TOKYO	4202.800	17	10	0832				RUS			J2D	142	E	18	47	N	13	6	B		
G	BALDOCK	4205.000	21	10			?			FX	3K00E	G1D							352	B		
F	RAMBOUILLET	4205.000	13	12	0700	1900	20.0				3K00E	J7B								A	9	
HNG	TARNOK	4205.000	20	12	1600	1757	36.6	CRI	MLI	BC	19K2	A3E										
G	BALDOCK	4209.000	21	10				TAH	TUR	SM	3K00E	F1B							108	A		
I	ROMA	4209.500	20	11	1610	1611	27.0	TAH	TUR	FC	270HE	A1A										SITOR
ROU	BELCIUGATELE	4209.500	27	11	0745	0755	44.9	?		FX	2K10	G1D							151	B		
I	ROMA	4209.500	12	12	1504	1505	27.0	TAH	TUR	FC	270HE	F1B							86	B		SITOR
J	TOKYO	4215.000	28	11	1040			XSG		FC		F1B										
G	BALDOCK	4234.000	21	10			?			FX	3K00E	G1D							255	A		
J	TOKYO	4250.300	17	10	0835				USA			J2D	145	E	46	15	N	13	162	B		MRA
G	BALDOCK	4254.000	21	10			?			FX	3K00E	G1D							25	A		
G	BALDOCK	4260.500	21	10			?			FX	3K00E	G1D							192	A		
G	BALDOCK	4261.000	05	11					F	ML	3K00E	G1D							191	B		
G	BALDOCK	4265.000	21	10			?			FX	3K00E	G1D							192	A		
F	RAMBOUILLET	4265.000	14	12	0700	1130	27.0				3K00E	J7B								A	9	
HNG	TARNOK	4265.000	21	12	0600	2400	19.6				3K00	G1D										STANAG 4285
G	BALDOCK	4279.000	21	10			?			FX	3K00E	G1D							190	A		
F	RAMBOUILLET	4280.000	14	12	0700	1900	38.0				3K00E	J7B								A	9	
HNG	TARNOK	4280.000	21	12	0600	2400	26.3				3K00	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
I	ROMA	4281.400	12	12	0950	0953	24.0			FX	3K00E	G1D							266	A		STANAG 4285 600 LONG
J	TOKYO	4289.000	17	10	0839				USA			F1B	144	E	40	13	N	24	170	B		GUM
J	TOKYO	4289.000	28	11	1042				USA			F1B	144	E	45	13	N	26	169	B		GUM
J	TOKYO	4289.000	05	12	0831							F1B							168	C		
G	BALDOCK	4290.000	21	10			?			FX	3K00E	G1D							169	A		
G	BALDOCK	4290.000	05	11					F	ML	3K00E	G1D							168	A		
F	RAMBOUILLET	4290.000	14	12	0700	1900	32.0				3K00E	J7B								A	9	
HNG	TARNOK	4290.300	21	12	0600	2400	21.2				1K95	F1B										ITA2,850Hz,75Bd
HNG	TARNOK	4296.800	21	12	0600	2400	19.7				3K00	G1D										STANAG 4285
G	BALDOCK	4297.000	21	10			?			FX	3K00E	G1D							330	B		
F	RAMBOUILLET	4300.000	15	12	0700	1900	55.0				3K00E	J7B								A	9	
HNG	TARNOK	4301.000	21	12	0600	2400	21.6				3K00	G1D										STANAG 4285
G	BALDOCK	4308.000	21	10			?			FX	3K00E	G1D							209	A		
G	BALDOCK	4312.000	21	10			?			FX	3K00E	G1D							348	A		
G	BALDOCK	4312.000	05	11					BEL	MS	3K00E	G1D							114	A		
J	TOKYO	4312.000	05	12	0834							A1A							293	C		
F	RAMBOUILLET	4312.000	15	12	0700	1900	40.0				3K00E	J7B								A	9	
HNG	TARNOK	4312.000	21	12	0600	2400	21.5				3K00	G1D										STANAG 4285
G	BALDOCK	4326.500	05	11					F	ML	3K00E	G1D							169	A		
G	BALDOCK	4327.000	21	10			?			FX	3K00E	G1D							166	A		
HNG	TARNOK	4327.000	21	12	0600	2400	19.0				3K00	G1D										STANAG 4285
HNG	TARNOK	4331.000	21	12	1600	2400	34.3				3K00	G1D										STANAG 4285
HNG	TARNOK	4339.800	21	12	0800	1500	14.4			BC	9K95	A3E									11	
G	BALDOCK	4346.000	21	10			?			FX	3K00E	G1D							188	A		
HNG	TARNOK	4365.000	21	12	0600	2400	18.0				3K00	G1D										STANAG 4285
HNG	TARNOK	4395.000	21	12	1600	2400	41.3				3K00	G1D										STANAG 4285
HNG	TARNOK	4421.000	21	12	0600	2400	20.7				3K00	G1D										STANAG 4285
ROU	BELCIUGATELE	4432.000	27	11	0824	0845	32.9	?		FX	1K00	G1D							27	A		
J	TOKYO	4449.970	05	12	0837														293	C		
J	TOKYO	4450.000	03	10	0014														289	A		
J	TOKYO	4450.000	11	10	1022				KRE				125	E	20	38	N	49	290	A		
J	TOKYO	4450.000	24	10	0604				KRE				125	E	26	39	N	06	291	A		
J	TOKYO	4450.000	28	11	1046			V.O. PEOPLE		BC		A3E	127	E	00	37	N	06	282	B	11	
J	TOKYO	4450.000	12	12	0708					BC		A3E							279	D		
J	TOKYO	4450.000	25	12	0152				KOR	BC		A3E	128	E	08	37	N	53	287	B		
G	BALDOCK	4463.000	23	11			?			FX	30K0E	P0N							189	A		
G	BALDOCK	4470.000	18	10						MS	2K30E	G7D							190	B		
I	ROMA	4482.800	07	11	0946	0949	6.0	SWA	GRC	FX	1K50E	F1C							118	A		HELLENIC NATIONAL ME
G	BALDOCK	4489.000	18	10					RUS		600HE	A1A							68	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	4499.999	23	12	1430	2400	35.8				3K00	G1D										STANAG 4285
HNG	TARNOK	4501.000	22	12	1000	1057	54.2	CRI	CHN	BC	18K3	A3E										
G	BALDOCK	4502.000	23	11				?		FX	3K00E	G1D							16	A		
G	BALDOCK	4507.600	18	10						MS	6K00E	G7D							354	B		
HNG	TARNOK	4510.000	23	12	0650	1900	27.7				600H	F1B										75Bd, 200Hz
G	BALDOCK	4521.000	18	10					RUS	FX	600HE	F1B							67	B		
HNG	TARNOK	4522.000	23	12	1630	2400	33.0	GYA	G	SM	1K10	F1C										
HNG	TARNOK	4525.000	23	12	0650	1900	28.4				3K00	G1D										STANAG 4285
HNG	TARNOK	4528.000	23	12	0000	2400	43.5				3K00	G1D										STANAG 4285
HNG	TARNOK	4545.000	23	12	0000	0600	20.7				2K70	J3E										USB
HNG	TARNOK	4557.700	23	12	0000	0600	26.7				2K70	J3E										USB
HNG	TARNOK	4557.700	23	12	1730	1900	31.0				3K00	G1D										
HNG	TARNOK	4557.900	23	12	2130	2400	23.1	D BEACON		RN	100H	A1B										
J	TOKYO	4560.010	02	10	2345			V.O. PEOPLE		BC		A3E	128	E	02	36	N	50	280	B	11	
J	TOKYO	4560.010	11	10	1003				KOR	BC		A3E	126	E	57	37	N	08	282	B		
J	TOKYO	4560.010	17	10	0745			V.O. PEOPLE		BC		A3E							285	C	11	
J	TOKYO	4560.010	07	11	0428				KOR	BC		A3E	127	E	00	37	N	29	283	A		
J	TOKYO	4560.010	14	11	0132					BC		A3E							284	D		
J	TOKYO	4560.010	20	11	2345					BC		A3E							280	C		
J	TOKYO	4560.010	05	12	0801			V.O. PEOPLE		BC		A3E	128	E	02	37	N	49	286	B	11	
J	TOKYO	4560.010	25	12	0131			V.O. PEOPLE		BC		A3E							283	D	11	
J	TOKYO	4576.000	14	11	0133							F1B							324	D		
J	TOKYO	4576.000	20	11	2349							F1B							321	C		
G	BALDOCK	4583.000	23	11				?		FX	600HE	F1B							9	A		
I	ROMA	4583.000	12	12	0901	0908		DDK2	D	FX	800HE	F1B										50 BD
HNG	TARNOK	4583.000	23	12	0000	0600	32.8				100H	A1A										
HNG	TARNOK	4583.000	23	12	1430	1800	35.3	PBS	CHN	BC	11K4	A3E									11	
G	BALDOCK	4592.000	23	11				?		FX	3K00E	G1D							206	A		
I	ROMA	4595.000	12	12	0843	0900	5.0			FX	3K00E	G1D										STANAG 4285 2400BD
HNG	TARNOK	4595.250	23	12	0000	0600	24.6				50H0E	N0N										
HNG	TARNOK	4596.000	23	12	0000	0900	33.5	DDK2 HAMBURG	D	SM	620H	F1B										50BD,450HZ, ITA2, METEO
G	BALDOCK	4610.000	23	11				?		FX	1K00E	F1C							349	A		
HNG	TARNOK	4610.000	23	12	1420	2400	29.3	DDK2	D	SM	600H	F1B										50Bd,450Hz, ITA2
J	TOKYO	4615.000	12	12	0603				RUS				132	E	47	42	N	46	323	B		
HNG	TARNOK	4625.000	23	12	0000	2400	34.4				300H	F1B										50BD,200HZ
J	TOKYO	4631.300	28	11	1002														252	D		
J	TOKYO	4631.400	05	12	0806				CHN			J2D	121	E	37	30	N	50	258	B		
J	TOKYO	4636.300	28	11	1003														248	D		
G	BALDOCK	4645.000	23	11				?		FX	3K00E	G1D							169	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	4645.000	23	12	0000	0600	23.0		RUS	FX	2K80	R3D										USB
HNG	TARNOK	4649.000	23	12	0000	2400	39.5				3K00	G1D										STANAG4285
J	TOKYO	4706.740	11	10	1005				CHN				115	E	58	40	N	15	291	B		
J	TOKYO	4718.000	28	11	1006			TP8C				A1A							302	D		
J	TOKYO	4750.000	11	10	1006			CHINA N.R.		BC		A3E	124	E	11	47	N	40	320	B	11	
J	TOKYO	4750.000	20	11	2351					BC		A3E							315	C		
J	TOKYO	4750.000	28	11	1007			CHINA N.R.		BC		A3E							319	D	11	
J	TOKYO	4758.000	20	11	2353							A1A							323	C		
G	BALDOCK	4765.000	23	11				?		FX	3K00E	J3E							277	A		
HNG	TARNOK	4765.000	25	12	0000	0130	38.2	CNR1	CHN	BC	11K8	A3E										
J	TOKYO	4779.990	05	12	0811				KRE			A1A	126	E	11	39	N	21	292	B		
J	TOKYO	4798.000	17	10	0749				RUS			F1B	131	E	42	43	N	15	321	B		
J	TOKYO	4798.000	24	10	0604							F1B							321	D		
J	TOKYO	4798.000	20	11	2356							F1B							322	C		
J	TOKYO	4798.000	05	12	0815				RUS			F1B	132	E	19	43	N	37	325	B		
J	TOKYO	4798.000	12	12	0607				RUS			F1B	131	E	42	43	N	07	321	B		
HNG	TARNOK	4799.998	24	12	1700	2000	22.3	RFI	F	BC	10K0E	A3E										
HNG	TARNOK	4799.998	25	12	1447	2400	30.9	CNR1	CHN	BC	9K23	A3E										
J	TOKYO	4800.000	11	10	1007			CHINA N.R.		BC		A3E	095	E	04	36	N	20	285	B	11	
J	TOKYO	4800.000	28	11	1007			CHINA N.R.		BC		A3E							282	D	11	
HNG	TARNOK	4811.900	25	12	0000	0300	41.5	PBS XIZANG	CHN	BC	11K0	A3E										
G	BALDOCK	4812.000	23	11				?		FX	3K00E	G1D							252	A		
J	TOKYO	4812.800	17	10	0752														317	A		
HNG	TARNOK	4820.000	25	12	0100	0910	33.4	WWCR NASHVILLE	USA	BC	11K5	A3E										
HNG	TARNOK	4820.009	25	12	0000	0440	22.7	TAJIK RADIO 1	TJK	BC	10K0E	A3E										
J	TOKYO	4830.760	12	12	0612				KOR			J2D	128	E	19	35	N	13	271	B		
HNG	TARNOK	4839.994	25	12	0000	0825	17.3				2K50	G1D										STANAG 4285
G	BALDOCK	4840.000	23	11				WWCR	USA	BC	10K0E								291	A		
J	TOKYO	4842.040	11	10	1008				RUS				131	E	37	43	N	04	320	B		
HNG	TARNOK	4849.991	25	12	0000	0300	37.6	PBS XIZANG	CHN	BC	11K2	A3E										
J	TOKYO	4866.000	11	10	1009				RUS			F1B	133	E	00	43	N	03	324	B		
J	TOKYO	4866.000	14	11	0140				RUS			F1B	132	E	54	43	N	04	324	A		
J	TOKYO	4866.000	20	11	2358							F1B							322	C		
J	TOKYO	4866.000	28	11	1008							F1B							327	D		
J	TOKYO	4866.000	05	12	0818				RUS			F1B	132	E	24	43	N	16	323	B		
J	TOKYO	4866.000	12	12	0618				RUS			F1B	132	E	44	42	N	54	323	B		
J	TOKYO	4879.790	11	10	1016				KRE				125	E	28	38	N	47	288	B		
J	TOKYO	4884.840	11	10	1016				KRE				125	E	49	39	N	21	292	B		
J	TOKYO	4885.000	02	10	2354			ECHO OF HOPE		BC		A3E	128	E	04	37	N	29	285	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	4885.000	24	10	0607					BC		A3E							278	D		
J	TOKYO	4885.000	14	11	0143			ECHO OF HOPE		BC		A3E	126	E	56	37	N	35	284	B	11	
J	TOKYO	4885.000	28	11	1014					BC		A3E							283	D		
J	TOKYO	4885.000	05	12	0820				KRE				125	E	27	40	N	09	293	B		
J	TOKYO	4885.000	12	12	0621				KOR	BC		A3E	127	E	00	37	N	02	281	B		
J	TOKYO	4885.000	25	12	0137			ECHO OF HOPE		BC		A3E							282	D	11	
J	TOKYO	4886.000	17	10	0756														294	C		
J	TOKYO	4889.830	11	10	1017				KRE				126	E	25	39	N	35	294	B		
J	TOKYO	4890.000	05	12	0821				KRE				125	E	00	40	N	14	295	B		
J	TOKYO	4897.000	02	10	2357							F1B	131	E	55	43	N	20	318	B		
J	TOKYO	4897.000	17	10	0756							F1B							322	C		
J	TOKYO	4900.000	25	12	0134							F1B							322	D		
J	TOKYO	4905.000	17	10	0802							F1B							54	D		
J	TOKYO	4905.000	24	10	0609							F1B										
J	TOKYO	4905.000	24	10	0615							F1B							55	D		
J	TOKYO	4905.000	28	11	1016							F1B							57	D		
J	TOKYO	4905.000	28	11	1016					BC		A3E							277	D		
J	TOKYO	4905.000	05	12	0827							F1B							50	C		
J	TOKYO	4905.000	12	12	0624							F1B							50	C		
J	TOKYO	4920.000	28	11	1017					BC		A3E							272	D		
G	BALDOCK	4932.000	23	11				?		FX	3K00E	G1D							17	A		
J	TOKYO	4940.310	11	10	1018				RUS				131	E	46	43	N	14	321	B		
J	TOKYO	4980.000	20	11	2359														322	C		
G	BALDOCK	4985.000	23	11				?		FX	2K70E	G1D							228	A		
G	BALDOCK	4987.000	23	11				?		FX	1K00E	F1B							286	A		
J	TOKYO	4990.000	11	10	1018			CHINA N.R.		BC		A3E									11	
J	TOKYO	4990.000	28	11	1019					BC		A3E							263	D		
J	TOKYO	4990.490	17	10	0810							A1A							302	D		
G	BALDOCK	4996.000	23	11				?		FX	60H0E	A2A							69	A		
J	TOKYO	5000.000	03	10	0008				KOR	SS		AXW	128	E	31	36	N	34	280	B		
J	TOKYO	5000.000	11	10	1019			BPM		SS		AXW										
J	TOKYO	5000.000	17	10	0811			BPM		SS		AXW										
J	TOKYO	5000.000	17	10	0811			WWVH		SS		AXW										
J	TOKYO	5000.000	24	10	0618			WWVH		SS		AXW										
J	TOKYO	5000.000	07	11	0429				KOR	SS		AXW	128	E	07	35	N	47	275	A		
J	TOKYO	5000.000	14	11	0147			BPM		SS		AXW	127	E	56	36	N	43	280	A		
J	TOKYO	5000.000	28	11	1019			BPM		SS		AXW										
J	TOKYO	5000.000	05	12	0829			BPM		SS		AXW	107	E	36	34	N	26	277	B		GUM
J	TOKYO	5000.000	05	12	0829			WWVH		SS		AXW	157	W	49	21	N	47	86	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	5000.000	05	12	0829			HLA		SS		AXW	128	E	24	35	N	25	272	B		
J	TOKYO	5000.000	12	12	0626			HLA		SS		AXW	128	E	29	35	N	31	273	B		
J	TOKYO	5000.000	12	12	0626			WWV		SS		AXW							40	C		
J	TOKYO	5000.000	12	12	0626			WWVH		SS		AXW							86	C		
J	TOKYO	5000.000	19	12	0420				KOR	SS		AXW	127	E	46	35	N	45	275	B		
J	TOKYO	5000.000	25	12	0142			BPM		SS		AXW										
J	TOKYO	5003.990	11	10	1019							A1A										
G	BALDOCK	5006.000	15	10					RUS	FX	290HE	F1B							69	B		200 shift 50
G	BALDOCK	5006.000	02	11					RUS	FX	290HE	F1B							69	B		200HZ SHIFT 50
HNG	TARNOK	5006.000	26	12	2000	2100	15.8			BC	11K6	A3E										
HNG	TARNOK	5009.993	27	12	0000	0257	37.3	PBS XINJIANG	CHN	BC	11K5	A3E										
G	BALDOCK	5010.000	15	10				WRMI	USA	BC	9K00E	A3E							276	C		Okeechobee
HNG	TARNOK	5010.000	27	12	0000	0549	33.0				350HE											200Hz,50Bd
G	BALDOCK	5011.000	02	11				ARKANGELSK NAVAL	RUS	FX	290HE	F1B							42	B		200HZ SHIFT 50
HNG	TARNOK	5011.000	27	12	0200	0500	30.4	WRMI	USA	BC	11K0	A3E										
HNG	TARNOK	5017.000	27	12	2100	2400	36.7				700HE	F1B										200HZ, 100BD
HNG	TARNOK	5017.800	27	12	0000	0030	24.6	AWR	USA	BC	11K1	A3E										
J	TOKYO	5020.000	11	10	1022					BC		A3E							153	B		
J	TOKYO	5020.000	17	10	0811			SOLOMON ISLANDS B.C.		BC		A3E							155	D	11	
J	TOKYO	5020.000	05	12	0835				SLM	BC		A3E	158	E	45	07	S	55	154	B		NCL
HNG	TARNOK	5023.000	27	12	1200	2000	19.1				3K00E	G7D										
G	BALDOCK	5025.000	15	10				R. REBELDE	CUB	BC	9K00E	A3E							277	C		
J	TOKYO	5037.020	12	12	0632							A1A										
J	TOKYO	5050.000	11	10	1023				CHN	BC		A3E	102	E	50	23	N	31	260	B		
J	TOKYO	5050.000	28	11	1033					BC		A3E							256	D		
HNG	TARNOK	5050.000	27	12	0100	0200	19.5	WRMI	USA	BC	11K7	A3E										
HNG	TARNOK	5059.998	27	12	0000	0549	34.8				2K90	G1B										CIS-12 PSK
J	TOKYO	5061.950	21	11	0005							F1B							317	C		
J	TOKYO	5067.700	28	11	1036														263	D		
J	TOKYO	5068.500	11	10	1024				CHN			A1A	130	E	19	43	N	45	320	B		
G	BALDOCK	5085.000	15	10				WTWW	USA	BC	9K00E	A3E							287	C		LEBANON TN
J	TOKYO	5085.800	28	11	1037														261	D		
J	TOKYO	5088.000	07	11	0418				RUS			F1B	131	E	52	43	N	11	322	B		
G	BALDOCK	5092.000	02	11					RUS	FX	290HE	F1B							64	B		200HZ SHIFT 50
J	TOKYO	5094.400	17	10	0817														277	D		
G	BALDOCK	5097.000	15	10				?	USA	FX	3K00E	G1D							286	B		2400
G	BALDOCK	5107.000	02	11					RUS	FX	3K30E	J7D							68	B		MS5 1200
G	BALDOCK	5108.650	15	10				?	RUS	FX	3K00E	J7D							66	B		
J	TOKYO	5108.660	11	10	1041														30	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	5130.000	15	10				?	USA	FX	2K80E	J3E							288	B		AT
J	TOKYO	5138.500	28	11	1040							A1A							300	D		
G	BALDOCK	5140.000	15	10				?	I	BC	9K00E	A3E							132	B		
G	BALDOCK	5140.000	02	11					I	BC	9K00E	A3E							132	C		QTE INDICATES QTH
G	BALDOCK	5146.000	15	10				?	RUS	FX	290HE	F1B							70	B		
G	BALDOCK	5153.900	02	11				S - BEAC SEVEROMORSK	RUS	FX	100HE	A1A							32	B		
J	TOKYO	5154.200	28	11	1042			F				A1A							323	D		
J	TOKYO	5154.300	05	12	0838			K				A1A	158	E	38	53	N	51	27	B		
J	TOKYO	5154.400	17	10	0821			M				A1A							350	D		
J	TOKYO	5154.400	28	11	1042			M				A1A							355	D		
J	TOKYO	5154.400	05	12	0838			M				A1A	139	E	31	52	N	06	358	B		
J	TOKYO	5159.820	05	12	0844				KRE			A1A	127	E	03	39	N	04	292	B		
G	BALDOCK	5162.000	15	10				?	HOL	FX	3K00E	G1D							74	B		2400
G	BALDOCK	5162.000	02	11					D	FX	3K00E	G1D							70	B		STANAG
J	TOKYO	5170.000	05	12	0846				CHN			J3E	120	E	48	24	N	38	242	B		
G	BALDOCK	5178.000	15	10				?	RUS	FL	290HE	F1B							30	B		
G	BALDOCK	5179.000	02	11				RMP (KALININGRAD)	RUS	FC	100HE	A1A							72	B		BALTIC FLEET
G	BALDOCK	5185.650	15	10				?	RUS	FX	3K30E	J7D							62	B		120
G	BALDOCK	5195.000	02	11				DRA5 (BEACON)	D	FX	100HE	A1A							63	B		GERMAN AMATEUR
J	TOKYO	5213.050	21	11	0008							A1A							250	C		
G	BALDOCK	5217.400	15	10				?	F	FX	3K00E	G1D							153	B		
G	BALDOCK	5217.400	11	11					F	FX	3K00E	G1D							152	B		2400
J	TOKYO	5218.400	05	12	0849				CHN			J2D	119	E	29	26	N	35	249	B		
J	TOKYO	5226.800	14	11	0157				RUS				131	E	57	43	N	06	321	A		
J	TOKYO	5226.900	28	11	1046														323	D		
J	TOKYO	5233.990	24	10	0624							F1B							30	D		
G	BALDOCK	5239.650	15	10				?	RUS	FX	3K00E	J7D							68	B		120
G	BALDOCK	5248.000	15	10				?	GRC	FX	3K00E	G1D							121	B		2400
ROU	BELCIUGATELE	5248.000	27	11	0857	0912	41.1	Stanag	GRC	FX	3K00	G1D							199	A		
HNG	TARNOK	5286.000	29	12	0000	0010	18.1			AT	800H	FXX										FT8
J	TOKYO	5288.700	17	10	0823														350	D		
HNG	TARNOK	5291.000	29	12	0654	1145	31.8				2K80	G1D										MIL-188-110A
J	TOKYO	5298.400	17	10	0827														250	D		
HNG	TARNOK	5301.700	28	12	1730	1900	27.8	IBRA MEDIA	G	BC	10K7	A3E										
G	BALDOCK	5301.800	04	11					CYP	FX	3K00E	G1D							113	C		
I	ROMA	5301.800	29	11	1340	1440				FX	3K00E	G1D							101	B		STANAG 4285
G	BALDOCK	5302.000	18	10						MS	3K00E	G1D							119	B		SEA
ROU	BELCIUGATELE	5302.000	27	11	0913	0946	45.7	?	GRC	MS	3K00	G1D							174	A		
HNG	TARNOK	5305.600	29	12	0825	0832	17.7				100H	A1B										

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	5311.000	12	12	0635							A1A										
HNG	TARNOK	5317.800	29	12	0644	0650	28.4				100H	A1B										
HNG	TARNOK	5325.000	29	12	1505	1512	21.2			AT	2K80E	J3E										USB
J	TOKYO	5332.000	05	12	0853				CHN			A1A	113	E	02	38	N	12	285	B		
HNG	TARNOK	5333.700	29	12	0000	2400	30.6				3K00	G1D										STANAG 4285
G	BALDOCK	5333.800	04	11						FX	3K00E	G1D							107	B		
ROU	BELCIUGATELE	5333.800	27	11	1111	1123	40.6	?		FX	3K00	G1D							131	A		
HNG	TARNOK	5340.000	29	12	0000	2400	36.7				3K00	G1D										STANAG 4285
J	TOKYO	5341.540	12	12	0638							A1A										
J	TOKYO	5342.000	28	11	1048							A1A										
HNG	TARNOK	5343.250	29	12	1049	1110	18.1				2K80	G1D										MIL-188-141B
HNG	TARNOK	5345.800	29	12	0000	2400	11.3				1K00	F1B										850H, 75BD
HNG	TARNOK	5347.000	29	12	1432	1440	20.5			AT	2K80E	J3E										USB
J	TOKYO	5349.220	17	10	0835							A1A							289	D		
HNG	TARNOK	5353.000	29	12	0000	2400	26.7				100H	A1B										
HNG	TARNOK	5357.000	29	12	0100	0110	27.5	EC3A		AT	100H	A1A										
J	TOKYO	5364.790	21	11	0012							A1A							293	C		
J	TOKYO	5368.300	17	10	0837														260	D		
J	TOKYO	5388.240	11	10	1044				CHN				120	E	48	28	N	00	250	B		
G	BALDOCK	5398.000	19	11					RUS	FX	3K00E	F1B							68	A		
J	TOKYO	5404.030	14	11	0203							F1B							324	D		
J	TOKYO	5404.030	21	11	0015							F1B							323	C		
J	TOKYO	5404.030	05	12	0900				RUS			F1B	131	E	57	42	N	59	321	B		
J	TOKYO	5404.030	25	12	0151							F1B							321	D		
I	ROMA	5409.000	23	11	1532	1534	31.0	NUMBER STATION		FX	2K70E	J3E							24	A		
I	ROMA	5417.500	23	11	1425	1441	5.0			FX	6K00E	J3E							126	A		LINK11 USB+LSB
J	TOKYO	5421.000	05	12	0903				CHN			J3E	116	E	40	40	N	10	291	B		
J	TOKYO	5421.300	17	10	0839														279	D		
J	TOKYO	5433.700	17	10	0843														288	D		
J	TOKYO	5445.000	14	11	0208				RUS										322	A		
I	ROMA	5448.000	12	12	2320		24.0			FX	250HE	F1B										50 DB
J	TOKYO	5449.800	05	12	0906				CHN			J2B	120	E	09	31	N	49	263	B		
I	ROMA	5450.000	21	11	1820		38.0	RAF VOLMET	G	FA	2K70E	J3E							321	A		VOLMET
I	ROMA	5450.000	12	12	2320		32.0	RAF VOLMET	G	FA	2K70E	J3E							321	A		VOLMET
HNG	TARNOK	5450.000	30	12	1530	1600	18.7	KSDA-AWR	USA	BC	9K38	A3E										
I	ROMA	5450.500	21	11	1820		12.0			FX	250HE	F1B										50BD
I	ROMA	5450.500	23	11	1418	1420	4.0		RUS	FX	250HE	F1B							72	B		50 BD
I	ROMA	5450.500	12	12	2320		12.0		RUS	FX	250HE	F1B							72	A		50 DB
HNG	TARNOK	5450.500	31	12	0750	2400	19.3				2K70	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
I	ROMA	5479.000	21	11	1822	1824	3.0	L2AS		FX	100HE	A1A								D		
I	ROMA	5505.000	02	10	0409	0410	28.0	SHANNON VOLMET	IRL	FA	2K70E	J3E										VOLMET
G	BALDOCK	5505.000	18	10				SHANNON VOLMET	IRL	AM	2K80E	J3E							277	A		
G	BALDOCK	5505.000	04	11				SHANNON VOLMET	IRL	SM	2K80E	J3E							280	A		
I	ROMA	5505.000	21	11	1820		30.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							312	A		VOLMET
I	ROMA	5505.000	12	12	2320		38.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							312	A		VOLMET
HNG	TARNOK	5505.000	31	12	0600	2400	25.5				2K70	J3E										USB
I	ROMA	5520.000	13	12	0002		14.0	NEW YORK RADIO	USA	FA	2K70E	J3E							301	A		AIR TRAFFIC CONTROL
J	TOKYO	5533.000	28	11	1049							A1A							278	D		
I	ROMA	5550.000	12	12	2326		13.0	NEW YORK	USA	FA	2K70E	J3E							301	A		AIR TRAFFIC CONTROL
G	BALDOCK	5555.000	19	11					CYP	FX	3K00E	G1D							113	B		
HNG	TARNOK	5555.000	31	12	1550	2400	37.4				600H	F1B										CIS 36-50
J	TOKYO	5566.000	28	11	1050							A1A							277	D		
I	ROMA	5583.000	02	10	0407	0408	9.0	SHANWICK RADIO	IRL	FA	2K70E	J3E										AIR TRAFFIC CONTROL
HNG	TARNOK	5583.000	31	12	0745	0845	19.5				2K70	J3E										USB
J	TOKYO	5590.600	28	11	1104														273	D		
HNG	TARNOK	5598.000	31	12	0740	2400	19.0	GANDER VOLMET	CAN	SM	2K70	J3E										USB
I	ROMA	5616.000	02	10	0405	0406	21.0	GANDER RADIO	CAN	FD	2K70E	J3E										
I	ROMA	5616.000	12	12	2329		28.0	GANDER RADIO	CAN	FA	2K70E	J3E							302	A		AIR TRAFFIC CONTROL
HNG	TARNOK	5616.000	31	12	0600	2400	26.4	SHANNON VOLMET	IRL	SM	2K70	J3E										USB
J	TOKYO	5633.700	17	10	0843														283	D		
I	ROMA	5649.000	02	10	0404	0405	26.0	SHANWICK RADIO	IRL	FA	2K70E	J3E										AIR TRAFFIC
G	BALDOCK	5649.000	05	11				SHANWICK	IRL	MA	2K80E	J3E							278	A		
I	ROMA	5649.000	21	11	1833		28.0	SHANWICK RADIO	IRL	FA	2K70E	J3E							315	B		AIR TRAFFIC CONTROL
HNG	TARNOK	5649.000	31	12	0745	0900	18.7	SANTA MARIA	POR	FD	2K70	J3E										USB
J	TOKYO	5655.000	11	10	1049			HAT YAI		FA		J2D										
I	ROMA	5655.000	21	11	1824		2.0	006 HAT YAI	THA	MA	3K00E	J2D										HFDL
J	TOKYO	5663.180	05	12	0910							A1A										
I	ROMA	5666.000	21	11	1833	1909	29.0			FX	2K70E	J3E							117	A		
I	ROMA	5670.000	21	11	1912		5.0	AIR TRAFFIC CONTROL		FA	2K70E	J3E										ATC
J	TOKYO	5673.000	05	12	0911			GUANGZHOU				J3E	114	E	40	22	N	33	246	B		
J	TOKYO	5700.700	28	11	1106														277	D		
I	ROMA	5708.000	21	11	1850	1850	12.0	JDG		FX	3K00E	J2D										MIL 188-141 ALE
I	ROMA	5708.000	21	11	1908	1908	34.0	CRO		FX	3K00E	J2D										MIL 188-141 ALE
J	TOKYO	5712.650	11	10	1051				CHN				119	E	50	33	N	05	267	B		
J	TOKYO	5712.700	17	10	0846														271	D		
I	ROMA	5720.000	21	11	1820		25.0			FX	3K00E	J2D							283	C		PULSED EMISSION
I	ROMA	5720.000	12	12	2330		5.0	03 REYKJAVIK	ISL	MA	3K00E	J2D										HFDL
HNG	TARNOK	5721.500	31	12	1730	2400	40.2				3K00	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	5732.990	11	10	1051			4AGXR				A1A										
J	TOKYO	5732.990	17	10	0846							A1A							293	D		
I	ROMA	5733.000	21	11	1909		20.0			FX	3K00E	J2D							63	A		
I	ROMA	5742.000	21	11	1820		28.0			FX	3K00E	J2D							322	A		
I	ROMA	5742.000	21	11	1820		31.0			FX	3K00E	J2D							310	A		
I	ROMA	5748.000	21	11	1820		28.0			FX	3K00E	J2D							310	A		
I	ROMA	5748.000	21	11	1820		31.0			FX	3K00E	J2D							322	A		
J	TOKYO	5751.000	05	12	0913				CHN			A1A	124	E	21	41	N	53	302	B		
G	BALDOCK	5760.400	19	11					F	FX	3K00E	G1D							154	A		
J	TOKYO	5762.000	17	10	0850			L3AD				A1A										
J	TOKYO	5779.000	21	11	0017							J2D							323	C		
J	TOKYO	5783.710	11	10	1055				CHN				117	E	06	24	N	03	246	B		
G	BALDOCK	5817.800	19	11					D	FX	3K00E	G1D							104	B		
J	TOKYO	5837.000	05	12	0916				CHN			A1A	118	E	57	32	N	37	266	B		
J	TOKYO	5847.500	03	10	0025				RUS			F1B	143	E	04	46	N	50	9	B		
G	BALDOCK	5850.000	18	10				WRMI TRUTH2PONDER	USA	BC	9K00E	A3E							283	B		
J	TOKYO	5850.000	24	10	0640					BC		A3E										
J	TOKYO	5850.000	12	12	0643			WRMI		BC		A3E							37	C		
J	TOKYO	5855.600	11	10	1056			HLL2				F3C	127	E	57	36	N	30	279	B		
J	TOKYO	5855.600	14	11	0213				KOR			H3E	127	E	58	35	N	45	275	B		
J	TOKYO	5855.600	21	11	0020					BC		A3E							277	C		
J	TOKYO	5855.600	19	12	0427			HLL2				H3E										
J	TOKYO	5855.600	25	12	0151							H3E							279	D		
G	BALDOCK	5860.000	18	10				R FARDA	KWT	BC	9K00E	A3E							101	B		
G	BALDOCK	5860.000	19	11				R. FARDA	KWT	BC	9K00E	A3E							104	B		
J	TOKYO	5868.700	17	10	0853														284	D		
J	TOKYO	5886.150	11	10	1057				CHN				116	E	22	23	N	29	246	B		
J	TOKYO	5888.000	07	11	0420				RUS			F1B	132	E	00	43	N	27	323	A		
G	BALDOCK	5890.000	18	10				WWCR NASHVILLE	USA	BC	9K00E	A3E							291	B		
KOR	CRMS	5890.000	09	11	0010	0010	24.5		KWT	BC	15K0	A3E									11	
G	BALDOCK	5890.000	19	11				WWCR	USA	BC	9K00E	A3E							286	C		
J	TOKYO	5890.000	21	11	0022					BC		A3E							297	C		
KOR	CRMS	5890.000	07	12	0022	0022	27.0		KWT	BC	14K9	A3E									11	
G	BALDOCK	5900.000	18	10				OVERCOMER MINISTRY	BUL	BC	9K00E	A3E							113	B		
G	BALDOCK	5900.000	19	11				OVERCOMER MINISTRY	USA	BC	9K00E	A3E							107	B		LONG
KOR	CRMS	5905.000	06	10	0449	0449	42.6		KRE	BC	14K7	A3E									6	
KOR	CRMS	5905.000	07	11	0404	0404	44.8		KRE	BC	14K8	A3E									6	
KOR	CRMS	5905.000	01	12	0400	0400	53.0		KRE	BC	14K9	A3E									6	
J	TOKYO	5907.800	24	10	0642														321	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	5907.900	14	11	0219				RUS				131	E	48	42	N	58	320	A		
F	RAMBOUILLET	5910.000	06	12	0700	1900	22.0	ALCARAVAN RADIO			10K0	A3EG -								A		
J	TOKYO	5919.860	12	12	0652				KRE				125	E	00	39	N	55	294	B		
J	TOKYO	5919.980	19	12	0430				KRE				126	E	25	39	N	41	295	B		
G	BALDOCK	5920.000	04	10				HCJB DEUTSCH	D	BC	12K0E	A3E							81	A		X-
J	TOKYO	5920.000	05	12	0922				KRE				125	E	27	39	N	08	291	B		
F	RAMBOUILLET	5920.000	06	12	0700	1900	30.0	HCJB DEUTSCH			10K0	A3EG -								A		
J	TOKYO	5920.000	25	12	0156					BC		A3E							283	D		
J	TOKYO	5929.600	21	11	0030							J2D							342	C		
G	BALDOCK	5930.000	04	10				WORLD MUSIC R	DNK	BC	12K0E	A3E							61	C		
F	RAMBOUILLET	5930.000	07	12	0700	1900	30.0	WORLD MUSIC RADIO			10K0	A3EG -								A		
F	RAMBOUILLET	5935.000	07	12	0700	1900	29.0	WWCR UNIVERSITY NETWORK			10K0	A3EG -								A		
G	BALDOCK	5955.000	04	10				ICOM BV	HOL	BC	12K0E	A3E							112	A		
J	TOKYO	5955.000	26	10	1100			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	5955.000	07	12	0700	1830	30.0	ICON BV SUNLITE RADIO			10K0	A3EG -								A		
F	RAMBOUILLET	5955.000	08	12	0700	1830	21.0	ICON BV SUNLITE RADIO			10K0	A3EG -								A		
J	TOKYO	5955.000	14	12	1100			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	5960.000	08	12	1200	1900	39.0	PBS XINJIANG			10K0	A3EG -								A		
J	TOKYO	5965.000	26	10	1400			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	5965.000	08	12	1200	1900	39.0	CRI			10K0	A3EG -								A		
J	TOKYO	5965.000	14	12	1400			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	5970.000	04	10				RADIO 208	HOL	BC	12K0E	A3E							63	A		
F	RAMBOUILLET	5970.000	08	12	1200	1900	32.0	RADIO 208			10K0	A3EG -								A		
F	RAMBOUILLET	5975.000	08	12	1200	1900	36.0	BBC			10K0	A3EG -								A		
J	TOKYO	5980.000	01	11	1500			CHINA R.I.	CHN	BC		A3E										GUM
J	TOKYO	5985.010	14	12	2200			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	5995.000	24	10	0647														294	D		
J	TOKYO	5995.000	19	12	0451				KRE				125	E	57	38	N	50	295	B		
F	RAMBOUILLET	6004.000	11	12	1756	1843	18.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	6005.000	11	12	1100	1637	23.0	RADIO SLOVAKIA			10K0	A3EG -								A		
KOR	CRMS	6015.000	22	11	0608	0608	40.1		KRE	BC	11K4	A3E									6	
KOR	CRMS	6015.000	15	12	0403	0403	19.8		KRE	BC	11K1	A3E									6	
F	RAMBOUILLET	6020.000	11	12	1826	2301	14.0	CRI			10K0	A3EG -								A		
G	BALDOCK	6030.000	04	10				R.MARTI	USA	BC	12K0E	A3E							281	A		
J	TOKYO	6030.000	17	10	1000			CHINA N.R.		BC		D7W	116	E	18	40	N	14	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
J	TOKYO	6030.000	27	11	2346				CHN	BC		D7W	117	E	19	40	N	09	291	A		
J	TOKYO	6030.000	05	12	1000				CHN	BC		D7W	115	E	43	39	N	34	289	B		
F	RAMBOUILLET	6030.000	12	12	1348	1724	14.0	CNR			10K0	A3EG -								A		
F	RAMBOUILLET	6040.000	12	12	1607	1707	14.0	CRI			10K0	A3EG -								A		
F	RAMBOUILLET	6050.000	13	12	1100	1900	32.0	HCJB QUITO			10K0	A3EG -								A		
F	RAMBOUILLET	6060.000	13	12	1400	1500	25.0	PBS			10K0	A3EG -								A		
ROU	BELCIUGATELE	6070.000	02	10	0932	0943	33.6	Radio Channel 292/TOM	D	BC	9K00	A3E							300	A		Rohrbach Waal
G	BALDOCK	6070.000	04	10				RADIO 292	D	BC	12K0E	A3E							110	A		
J	TOKYO	6070.000	26	10	1000			V.O. KOREA	KRE	BC		A3E										
F	RAMBOUILLET	6070.000	13	12	0700	1900	35.0	CFRX TORONTO			10K0	A3EG -								A		
J	TOKYO	6070.000	14	12	0700			V.O. KOREA	KRE	BC		A3E										
F	RAMBOUILLET	6075.000	13	12	1400	1700	46.0	RADIO TAIWAN			10K0	A3EG -								A		
F	RAMBOUILLET	6075.000	14	12	1400	1700	45.0	CNR			10K0	A3EG -								A		
G	BALDOCK	6085.000	04	10				R.MI AMIGO	D	BC	12K0E	A3E							111	B		
F	RAMBOUILLET	6085.000	14	12	0800	1900	30.0	RADIO MI AMIGO			10K0	A3EG -								A		
J	TOKYO	6087.000	05	12	1003							F1B							344	C		
KOR	CRMS	6100.000	05	10	0713	0713	52.6	KCB	KRE	BC	14K8	A3E										3
KOR	CRMS	6100.000	03	11	0449	0449	47.5	KCB	KRE	BC	14K9	A3E										3
KOR	CRMS	6100.000	09	11	0013	0013	53.9	CRI	CHN	BC	14K6	A3E										3
KOR	CRMS	6100.000	05	12	0356	0356	36.3	KCB	KRE	BC	14K9	A3E										3
F	RAMBOUILLET	6100.000	14	12	1400	1500	41.0	CRI			10K0	A3EG -								A		
F	RAMBOUILLET	6100.000	15	12	1400	1900	33.0	CRI			10K0	A3EG -								A		
F	RAMBOUILLET	6120.000	15	12	1200	1400	21.0	PBS XINJIANG			10K0	A3EG -								A		
G	BALDOCK	6130.000	04	10				R EUROPE	HOL	BC	12K0E	A3E							96	B		
F	RAMBOUILLET	6130.000	15	12	0800	1800	38.0	PBS XIZANG			10K0	A3EG -								A		
J	TOKYO	6140.000	03	10	0133				KRE	BC		D7W	125	E	53	38	N	36	289	B		
J	TOKYO	6140.000	24	10	0746					BC		D7W							294	C		
J	TOKYO	6140.000	07	11	0601				KRE	BC		D7W	125	E	37	38	N	47	289	B		
J	TOKYO	6140.000	21	11	0133				KRE	BC		D7W	126	E	02	39	N	31	293	B		
J	TOKYO	6140.000	27	11	2348				KRE	BC		D7W	127	E	00	39	N	12	293	A		
J	TOKYO	6140.000	05	12	1005				KRE	BC		D7W	125	E	55	39	N	36	294	B		
J	TOKYO	6140.000	19	12	0601				KRE	BC		D7W	125	E	22	38	N	55	290	B		
J	TOKYO	6145.000	14	12	2300			CHINA R.I.	CHN	BC		A3E										
I	ROMA	6150.000	03	11	0259	0310	66.0	RADIO GIAPPONE		BC	10K0E	A3E										
F	RAMBOUILLET	6150.000	15	12	0800	1600	42.0	EUROPA 24			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
F	RAMBOUILLET	6150.000	18	12	0700	1900	31.0	EUROPA 24			10K0	A3EG								A		
J	TOKYO	6160.000	26	10	2259			V.O. KOREA	KRE	BC		A3E										
J	TOKYO	6160.000	14	12	1259			PYONG YANG B.S.	KRE	BC		A3E										
F	RAMBOUILLET	6160.000	18	12	0700	1600	23.0	AM SHORTWAVE GOID			10K0	A3EG								A		
KOR	CRMS	6200.000	09	11	0015	0015	14.4		CHN	BC	14K9	A3E										6
KOR	CRMS	6200.000	11	12	0009	0009	-4.9		CHN	BC	15K0	A3E										6
J	TOKYO	6219.850	24	10	0749							J2B							320	C		
J	TOKYO	6230.000	21	11	0133			CHINA N.R.		BC		A3E							276	D	11	
J	TOKYO	6230.000	27	11	2352				CHN	BC		A3E							275	C		
J	TOKYO	6230.000	12	12	0746				CHN	BC		A3E	113	E	14	35	N	46	278	B		
G	BALDOCK	6234.000	01	11					ISR	FL	3K00E	G1D							114	B		
F	RAMBOUILLET	6275.000	20	12	1000	1900	22.0				10K0E	A3EG								A		
J	TOKYO	6279.860	17	10	1007			SOUND OF HOPE		BC		A3E	121	E	22	24	N	29	241	B	11	TAIWAN
J	TOKYO	6279.860	05	12	1010			SOUND OF HOPE		BC		A3E	121	E	37	24	N	53	241	B	11	
I	ROMA	6290.000	25	12	1555	1615	31.0	RADIO BOBRAI		BC	10K0E	A3E										3
J	TOKYO	6316.000	05	12	1013			XSQ		FC		F1B							250	C		
J	TOKYO	6316.000	12	12	0749			XSQ		FC		F1B										
I	ROMA	6321.500	03	10	1357	1401	27.0	SVO	GRC	FC	270HE	F1B							119	A		NEWS
G	BALDOCK	6321.500	01	11				SVO	GRC	FL	100HE	A1A							121	B		
I	ROMA	6321.500	19	12	1657	1657	43.0	SVO	GRC	FC	100HE	A1A										
J	TOKYO	6326.000	10	10	2348			XSG		FC		F1B										
J	TOKYO	6326.000	21	11	0137			XSG		FC		F1B										
J	TOKYO	6326.000	27	11	2358			XSG		FC		F1B							264	C		
J	TOKYO	6326.000	12	12	0748			XSG		FC		F1B										
G	BALDOCK	6331.000	01	11					I	FL	3K00E	G1D							135	B		
J	TOKYO	6340.170	17	10	1008			SOUND OF HOPE		BC		A3E	121	E	05	23	N	53	240	B	11	TAIWAN
J	TOKYO	6340.170	05	12	1014			SOUND OF HOPE		BC		A3E							240	C	11	
G	BALDOCK	6342.000	01	11					RUS	FL	280HE	F1B							66	B		
G	BALDOCK	6345.000	21	11					I	FL	2K80E	G1D							128	A		
G	BALDOCK	6350.000	11	10				?	F	FX	3K00E	G1D							217	A		
J	TOKYO	6350.000	07	11	0702				KRE				125	E	57	38	N	51	290	B		
F	RAMBOUILLET	6350.000	21	12	0700	1900	52.0				3K00E	J7B								A	9	
J	TOKYO	6350.030	03	10	0135				KOR	BC		A3E	127	E	36	36	N	55	281	B		
J	TOKYO	6350.030	10	10	2349			ECHO OF HOPE		BC		A3E	127	E	49	37	N	53	286	B	11	
J	TOKYO	6350.030	17	10	1009			SOUND OF HOPE		BC		A3E	127	E	47	36	N	11	277	B	11	KOR
J	TOKYO	6350.030	24	10	0753					BC		A3E							281	C		
J	TOKYO	6350.030	07	11	0610				KOR	BC		A3E	126	E	46	36	N	07	276	B		
J	TOKYO	6350.030	14	11	0416				KOR	BC		A3E	126	E	51	37	N	14	282	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	6350.030	21	11	0139			ECHO OF HOPE		BC		A3E							284	D	11	
J	TOKYO	6350.030	28	11	0000			ECHO OF HOPE		BC		A3E							280	C		
J	TOKYO	6350.030	05	12	1015			ECHO OF HOPE		BC		A3E	127	E	01	38	N	56	285	A	11	
J	TOKYO	6350.030	12	12	0754				KOR	BC		A3E	126	E	50	37	N	25	283	A		
I	ROMA	6358.500	03	10	1458	1504	16.0	PBB	HOL	FC	1K00E	F1B							338	A		75 BD SHIFT 870 HZ
I	ROMA	6367.300	03	10	1505	1508	23.0		F	FX	900HE	F1B							282	A		50 BD
I	ROMA	6367.300	28	12	0949	1016			F	FX	1K00E	F1B							281	A		50 BD
G	BALDOCK	6369.958	21	11				Sound of Hope	CHN	BC	10K0E	A3E							51	B		
J	TOKYO	6369.970	05	12	1020			SOUND OF HOPE		BC		A3E	121	E	14	25	N	05	242	B	11	
J	TOKYO	6369.970	12	12	0758				CHN	BC		A3E	121	E	17	25	N	05	242	A		
J	TOKYO	6377.970	12	12	0801			TP1C				A1A	123	E	37	41	N	41	300	A		
J	TOKYO	6378.000	10	10	2353			TP4C				A1A	123	E	25	43	N	04	305	B		
J	TOKYO	6378.000	17	10	1021							A1A	115	E	31	35	N	25	277	B		
J	TOKYO	6378.000	07	11	0612			TP4C				A1A	122	E	38	42	N	20	300	B		
J	TOKYO	6378.000	21	11	0141			TP4C				A1A							299	D		
J	TOKYO	6378.000	28	11	0003							A1A							302	C		
J	TOKYO	6378.000	19	12	0610			TP4C				A1A	123	E	22	42	N	24	302	B		
J	TOKYO	6389.500	12	12	0807				CHN				118	E	59	26	N	24	249	A		
J	TOKYO	6396.400	17	10	1024				CHN			J2D	119	E	10	26	N	07	248	B		
J	TOKYO	6407.350	10	10	2356				CHN			J2D	120	E	32	36	N	19	278	B		
F	RAMBOUILLET	6408.000	26	12	0700	1900	62.0				5K00E	J7B								A	9	
J	TOKYO	6412.800	24	10	0757							J2B							319	C		
J	TOKYO	6413.000	19	12	0617				RUS			J2D	131	E	50	43	N	11	321	A		
F	RAMBOUILLET	6414.000	26	12	0700	1900	41.0				3K00E	J7B								A	9	
F	RAMBOUILLET	6441.000	26	12	0700	1655	58.0				3K00E	J7B								A	9	
I	ROMA	6450.000	29	11	1218	1219					3K00E	G1D							267	A		
F	RAMBOUILLET	6458.000	27	12	0700	1900	42.0				3K00E	J7B								A	9	
J	TOKYO	6479.650	24	10	0801							J2B							287	C		
G	BALDOCK	6483.000	11	10				?		FX	3K00E	G1D							45	B		
I	ROMA	6483.000	07	12	0706	0710	35.0			FX	3K00E	G1D							358	A		STANAG 4285
F	RAMBOUILLET	6483.000	27	12	0700	1900	34.0				3K00E	J7B								A	9	
J	TOKYO	6496.900	05	12	1022							J2B							271	C		
I	ROMA	6498.000	21	11	1550	1650	14.0			FX	3K30E	P0N							336	A		
I	ROMA	6499.900	07	12	0721	0723	23.0			FX	3K00E	G1D							349	B		STANAG 4285
G	BALDOCK	6500.000	11	10				?		FX	3K00E	G1D							70	B		
F	RAMBOUILLET	6500.000	27	12	0700	1900	45.0				3K00E	J7B								A	9	
I	ROMA	6507.000	21	11	1550	1551	1.0			FX	100HE	A1A							21	A		
J	TOKYO	6519.620	28	11	0008														290	C		
J	TOKYO	6519.900	17	10	1028				KRE			J2D	126	E	07	40	N	39	298	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	6520.000	07	11	0619				KRE				124	E	58	39	N	52	292	B		
I	ROMA	6520.000	21	11	1550	1650	23.0			BC	9K00E	A3E							41	A	3	
J	TOKYO	6520.000	12	12	0813				KRE				125	E	16	40	N	30	297	A		
J	TOKYO	6520.000	19	12	0620				KRE				125	E	27	38	N	52	289	B		
J	TOKYO	6520.020	03	10	0136				KOR	BC		A3E	127	E	17	36	N	59	282	B		
J	TOKYO	6520.020	10	10	2359			V.O. PEOPLE		BC		A3E	127	E	00	37	N	20	283	A	11	
J	TOKYO	6520.020	14	11	0421				KOR	BC		A3E	126	E	59	37	N	20	283	A		
J	TOKYO	6520.020	21	11	0149			V.O. PEOPLE		BC		A3E	127	E	03	37	N	16	282	B	11	
J	TOKYO	6520.020	19	12	0620			V.O. PEOPLE		BC		A3E	126	E	46	37	N	23	282	B	11	
J	TOKYO	6520.020	25	12	0417				KOR	BC		A3E	126	E	55	37	N	16	283	A		
I	ROMA	6531.000	21	11	1607	1650	27.0	OTH RADAR		FX	12K5E	P0N							47	A	3	
I	ROMA	6532.000	21	11	1615	1620	4.0	GANDER RADIO	CAN	FA	2K70E	J3E							305	A		
I	ROMA	6537.000	20	12	0010		38.0	RADAR OTH	RUS	FX	15K0E	P0N							48	A		
I	ROMA	6543.000	21	11	1557	1557	15.0		F	FA	2K70E	J3E							286	A		
I	ROMA	6545.000	21	11	1645	1650	10.0	DRIFTING SIGNAL		FX	2K70E	P0N							11	A		
I	ROMA	6547.000	21	11	1601	1601	13.0	SHANWICK RADIO	IRL	FA	2K70E	J3E							312	A		
I	ROMA	6577.000	02	10	0243	0245	13.0	NY RADIO	USA	FA	2K70E	J3E										ENG
I	ROMA	6586.000	20	12	0020		18.0	NEW YORK RADIO	USA	FA	2K70E	J3E							297			AIR TRAFFIC CONTROL
I	ROMA	6588.000	20	12	0042	0058	36.0	RADAR OTH	RUS	FX	15K0E	P0N							47	A		
I	ROMA	6595.000	02	10	1535	1536	23.0	SHANWICK RADIO	IRL	FA	2K70E	J3E										
I	ROMA	6595.000	21	11	1615	1620	13.0	SHANWICK RADIO	IRL	FA	2K70E	J3E							313	A		
J	TOKYO	6600.000	03	10	0137				KOR	BC		A3E	127	E	08	36	N	59	281	B		
J	TOKYO	6600.000	11	10	0007			V.O. PEOPLE		BC		A3E	127	E	30	36	N	51	281	B	11	
KOR	CRMS	6600.000	13	10	0411	0411	19.1		KRE	BC	14K8	A3E									11	
J	TOKYO	6600.000	24	10	0804							J2B							289	C		
J	TOKYO	6600.000	07	11	0622				KRE				125	E	10	40	N	18	296	B		
J	TOKYO	6600.000	14	11	0423				KRE				125	E	04	40	N	26	296	A		
KOR	CRMS	6600.000	16	11	0010	0010	24.3		KRE	BC	14K3	A3E									11	
I	ROMA	6600.000	21	11	1550	1650	20.0			BC	9K00E	A3E							41	A	3	
J	TOKYO	6600.000	05	12	1026														296	C		
KOR	CRMS	6600.000	06	12	0609	0609	49.3		KRE	BC	14K8	A3E									11	
J	TOKYO	6600.000	12	12	0814				KRE				125	E	45	39	N	23	292	A		
J	TOKYO	6600.000	19	12	0624				KRE				126	E	07	38	N	46	290	B		
J	TOKYO	6600.020	21	11	0150			V.O. PEOPLE		BC		A3E	127	E	03	37	N	17	283	B	11	
J	TOKYO	6600.020	19	12	0624			V.O. PEOPLE		BC		A3E	126	E	49	37	N	08	282	B	11	
J	TOKYO	6600.020	25	12	0419				KOR	BC		A3E	127	E	02	37	N	10	282	A		
J	TOKYO	6600.200	17	10	1030				KRE			J2D	125	E	15	39	N	44	293	B		
J	TOKYO	6600.620	28	11	0010				KRE				126	E	17	38	N	37	289	A		
I	ROMA	6604.000	02	10	0121	0122	19.0	GANDER VOLMET	CAN	FA	2K70E	J3E										

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	6607.000	21	11	1550	1650	39.0	4ZX	ISR	FC	2K70E	A1A							113	A		
I	ROMA	6607.000	07	12	0727	0739	14.0	4XZ	ISR	FX	100HE	A1A							111	B		
I	ROMA	6610.000	19	12	1916	1917	33.0	OTH RADAR		FX	15K0E	J3E										
G	BALDOCK	6617.000	31	10					RUS	FG	3K00E	J3E							52	C		
I	ROMA	6617.000	10	11	1555	1555	14.0	VOLMET		FA	2K70E	J3E										RUS
I	ROMA	6619.000	06	12	1803	1808	7.0			MA	2K70E	J3E										HFDL
I	ROMA	6622.000	21	12	1218		4.0	SHANWICK RADIO	IRL	FA	2K70E	J3E							312	A		AIR TRAFFIC CONTROL
I	ROMA	6628.000	20	12	0010		20.0			FX	14K0	G7D							75	A		MFSK
I	ROMA	6640.000	19	12	1614	1700	20.0	INTRUDERS LSB	F	FX	2K70E	J3E										
J	TOKYO	6641.750	24	10	0806							J2B							260	C		
I	ROMA	6650.000	07	12	0741	0747		INTRUDERS LSB			2K70E	J3E							300	B		
J	TOKYO	6653.750	05	12	1029				CHN			J2D	115	E	18	35	N	56	279	A		
G	BALDOCK	6660.000	31	10					F	FX	3K00E	J3E							159	B		LSB PIRATE NET
I	ROMA	6660.000	10	11	1555	1555	16.0			FA	2K70E	J3E										ENG
I	ROMA	6661.000	19	12	1915	1917	10.0	MUMBAI RADIO	IND	FA	2K70E	J3E										AIR TRAFFIC
I	ROMA	6665.500	28	12	1022	1032	7.0				3K00E	J3E							185	B		
I	ROMA	6670.000	19	12	1627	1703	34.0	INTRUDERS LSB	F	FX	2K70E	J3E										FRE
I	ROMA	6675.000	10	11	1555	1555	30.0	INTRUDERS LSB	GRC	FX	2K70E	J3E									3	
I	ROMA	6675.000	21	11	1553	1650	30.0	INTRUDERS LSB	GRC	FX	2K70E	J3E							111	A	3	MUSIC
I	ROMA	6675.000	21	11	1613	1617	21.0	INTRUDERS LSB	GRC	FX	2K70E	J3E							91	A	3	
I	ROMA	6675.000	07	12	0748	0751	22.0	INTRUDERS LSB			2K70E	J3E							111	B		
I	ROMA	6675.000	19	12	1555	1628	23.0	INTRUDERS LSB	GRC	FX	2K70E	J3E										
I	ROMA	6676.000	19	12	1740	1745	15.0	BANKOK VOLMET	THA	FA	2K70E	J3E										
I	ROMA	6693.000	21	11	1607	1617	6.0	NOVOSIBIRSK VOLMET	RUS	FA	2K70E	J3E							49	A		
I	ROMA	6693.000	21	11	1615	1620	23.0	SAMARA VOLMET	RUS	FA	2K70E	J3E							50	A		
I	ROMA	6693.000	21	11	1637	1645	6.0	NOVOSIBIRSK VOLMET	RUS	FA	2K70E	J3E							49	A		
I	ROMA	6693.000	21	11	1645	1650	23.0	SAMARA VOLMET	RUS	FA	2K70E	J3E							50	A		
I	ROMA	6720.000	10	11	1555	1555	23.0	INTRUDERS LSB	GRC	FX	2K70E	J3E									3	
J	TOKYO	6751.800	24	10	0809							J2B							288	C		
I	ROMA	6754.000	20	12	0010		18.0	TRENTON	CAN	FA	2K70E	J3E							299	A		VOLMET
I	ROMA	6768.000	21	12	1441	1448	23.0			FX	6K00E	J2D							352	A		LINK11USB-LSB
J	TOKYO	6769.000	28	11	0014				RUS			J2D	133	E	01	42	N	44	323	A		
I	ROMA	6783.000	07	12	0821	0828	26.0			FX	3K00E	G1D							309	A		STANAG 4285 2400BD
I	ROMA	6787.800	07	12	0830	0848	20.0			FX	3K00E	G1D							333	B		STANAG 4285 2400BD
I	ROMA	6787.800	21	12	1422	1431	18.0			FX	3K00E	G1D							323	A		STANAG 4285
J	TOKYO	6789.000	03	10	0142				RUS			F1B	131	E	46	45	N	20	322	B		
J	TOKYO	6789.000	11	10	0013				RUS			F1B	132	E	42	42	N	55	323	B		
J	TOKYO	6789.000	17	10	1039				RUS			F1B	132	E	46	43	N	00	323	B		
J	TOKYO	6789.000	24	10	0813							F1B							321	C		

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	6789.000	07	11	0627				RUS			F1B	132	E	19	43	N	00	322	B		
J	TOKYO	6789.000	21	11	0209				RUS			F1B	131	E	47	42	N	58	320	B		
J	TOKYO	6789.000	28	11	0019							F1B							325	C		
J	TOKYO	6789.000	05	12	1033				RUS			F1B	132	E	04	44	N	07	326	A		
J	TOKYO	6789.000	12	12	0815				RUS			F1B	131	E	52	43	N	26	322	A		
J	TOKYO	6789.000	19	12	0629				RUS			F1B	132	E	24	43	N	21	324	B		
J	TOKYO	6789.000	25	12	0426				RUS			F1B	132	E	56	42	N	53	323	A		
J	TOKYO	6790.000	14	11	0433				RUS			F1B	131	E	54	43	N	07	321	A		
J	TOKYO	6793.000	28	11	0021							A1A							290	C		
J	TOKYO	6797.000	24	10	0815							A1A							263	C		
J	TOKYO	6811.000	05	12	1035							A1A							246	C		
I	ROMA	6825.000	07	12	0849	0854		FAV22	F	FX	100HE	A1A							314	B		
J	TOKYO	6844.400	07	11	0630				F			J2B	150	W	06	15	S	39	114	B		
J	TOKYO	6844.400	19	12	0633				F			J2B	150	W	45	16	S	25	115	A		OCE
J	TOKYO	6844.450	05	12	1038				F			J2B	149	W	33	18	S	21	116	B		OCE
J	TOKYO	6850.010	17	10	1039			SOUND OF HOPE		BC		A3E	121	E	07	23	N	35	240	B	11	TAIWAN
J	TOKYO	6850.020	05	12	1040			SOUND OF HOPE		BC		A3E	121	E	05	24	N	07	240	B	11	TAIWAN
J	TOKYO	6865.000	17	10	1043			CHINA N.R.		BC		A3E	087	E	37	43	N	21	297	B	11	
J	TOKYO	6865.000	24	10	0818					BC		A3E							316	C		
J	TOKYO	6865.000	28	11	0022					BC		A3E							287	C		
J	TOKYO	6865.000	05	12	1041					BC		A3E							266	C		
J	TOKYO	6865.110	24	10	0819			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	6865.110	12	12	0820				CHN	BC		A3E	121	E	14	25	N	07	242	A		TAIWAN
J	TOKYO	6865.110	19	12	0636			SOUND OF HOPE		BC		A3E	120	E	45	23	N	48	240	B	11	TAIWAN
J	TOKYO	6877.010	12	12	0821				CHN			A1A	115	E	00	39	N	56	290	A		
J	TOKYO	6891.500	12	12	0827				CHN				114	E	07	38	N	09	285	A		
KOR	CRMS	6900.000	09	11	0015	0015	9.9		CHN	BC	14K9	A3E									11	
J	TOKYO	6900.010	05	12	1046			SOUND OF HOPE		BC		A3E	120	E	17	24	N	47	241	B	11	TAIWAN
J	TOKYO	6900.020	17	10	1046			SOUND OF HOPE		BC		A3E	120	E	40	23	N	28	240	B	11	TAIWAN
J	TOKYO	6900.020	24	10	0822			SOUND OF HOPE		BC		A3E							240	C	11	
HNG	TARNOK	6904.130	01	10	0425	1832	53.2				350H	F1B										75BD/250Hz
J	TOKYO	6915.900	11	10	0017				RUS			J2D	131	E	24	43	N	08	320	A		
J	TOKYO	6920.300	17	10	1050				CHN			J2D	119	E	05	26	N	24	249	B		
J	TOKYO	6936.000	19	12	0642				CHN			A1A	124	E	33	44	N	06	310	B		
J	TOKYO	6943.500	05	12	1050							J2D							259	C		
HNG	TARNOK	6948.000	01	10	0000	2400	27.9				300H	F1B										50BD/200Hz
I	ROMA	6948.000	21	12	1607	1608	43.0			FX	275HE	F1B							29	A		75 BD SHIFT 200 HZ
HNG	TARNOK	6954.860	01	10	1800	2200	35.7			BC	9K86	A3E									11	
J	TOKYO	6960.000	07	11	0637				KRE				125	E	44	39	N	14	292	B		KOR

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	6960.000	19	12	0649				KRE				125	E	35	39	N	00	290	B		
J	TOKYO	6960.010	24	10	0825														290	C		
J	TOKYO	6960.010	25	12	0427				KRE				125	E	42	36	N	16	292	A		
HNG	TARNOK	6965.000	01	10	0000	0030	34.1			BC	8K60	A3E									11	
I	ROMA	6970.000	13	10	1408		21.0			FX	3K00E	J2D							54	B		
J	TOKYO	6970.090	17	10	1053			SOUND OF HOPE		BC		A3E	121	E	17	24	N	44	242	B	11	TAIWAN
J	TOKYO	6970.090	24	10	0828			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	6970.090	05	12	1051			SOUND OF HOPE		BC		A3E	121	E	11	25	N	08	243	B	11	TAIWAN
J	TOKYO	6970.100	28	11	0026					BC		A3E							240	C		
I	ROMA	6971.200	13	10	1451		21.0			FX	1K50E	G7D							54	B		
HNG	TARNOK	6973.500	01	10	0000	0430	43.3				2K80	G1D										STANAG4285
J	TOKYO	6979.990	24	10	0831							A1A							289	C		
HNG	TARNOK	6980.000	01	10	1806	2145	38.8				2K85	J3E										LSB
I	ROMA	6988.000	26	10	1810	1812	12.0	KU8N		FX	100HE	A1A										
J	TOKYO	6988.000	19	12	0652							A1A										
J	TOKYO	6992.990	19	12	0654				CHN			A1A	121	E	15	31	N	07	260	B		
J	TOKYO	7039.200	07	11	0644			F				A1A	131	E	38	43	N	18	321	B		
J	TOKYO	7039.300	07	11	0645			K				A1A	157	E	30	52	N	37	30	B		
J	TOKYO	7039.400	07	11	0645			M				A1A	138	E	25	49	N	45	355	B		
J	TOKYO	7054.000	17	10	1057				RUS			F1B	133	E	06	43	N	11	326	B		
I	ROMA	7123.000	22	11	1930	1940	19.0	JH3***	J	AT	2K70E	J3E										
ROU	BELCIUGATELE	7170.500	06	12	1024	1035	72.0	Radio Amateur		FB	1K00	A1A							317	A		Amateur Radio
HNG	TARNOK	7199.993	03	10	1200	1458	14.3	VOM	BRM	BC	10K7	A3E										
ROU	BELCIUGATELE	7200.000	17	10	1248	1320	42.9	National Unity Radio	CHN	BC	9K00	A3E							70	A		Tamsui District Korean Language
HNG	TARNOK	7204.936	03	10	1400	1800	19.9	PBS XINJIANG	CHN	BC	10K9	A3E									3	
HNG	TARNOK	7204.999	03	10	1900	2157	38.9	CRI	CHN	BC	10K9	A3E										
HNG	TARNOK	7204.999	03	10	1900	2050	32.9	KCBS	KRE	BC	10K4	A3E										
I	ROMA	7205.000	05	10	2020		29.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	7205.000	17	10	1322	1333	46.1	Radio Omdurman Sudan	SDN	BC	9K00	A3E										Al Aitahab
J	TOKYO	7205.000	14	12	1300			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7205.000	19	12	1230	1600	21.0	OMDURMAN SUDAN RADIO			10K0	A3EG -								A		
HNG	TARNOK	7205.002	03	10	0000	0419	32.2	IRB	IRN	BC	11K5	A3E										
HNG	TARNOK	7209.986	03	10	1800	1857	62.3	CRI	CHN	BC	10K4	A3E									3	
HNG	TARNOK	7209.990	03	10	1400	1515	16.6	PBS	CHN	BC	10K9	A3E										
I	ROMA	7210.000	05	10	2020		21.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
ROU	BELCIUGATELE	7210.000	17	10	1114	1124	73.5	Voice of Turkey	TUR	BC	9K00	A3E							138	A		Emirler Bulgarian Language
J	TOKYO	7210.000	01	11	1100			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7210.000	19	12	1100	1600	25.0	XI WANG ZHI SHENG			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	7214.853	03	10	2025	2400	28.1	CNR1	CHN	BC	10K0E	A3E									3	
HNG	TARNOK	7214.999	03	10	1700	1757	38.4	CRI	CHN	BC	10K2	A3E										
F	RAMBOUILLET	7215.000	19	12	1000	1900	28.0	CRI			10K0	A3EG								A		
HNG	TARNOK	7215.003	03	10	1300	1357	15.4	CRI	CHN	BC	10K5	A3E										
HNG	TARNOK	7219.000	03	10	1954	2020	51.7				22K0E	F0N										OTHR
HNG	TARNOK	7220.000	03	10	1600	1700	35.1	VOV	VTN	BC	10K7	A3E										
HNG	TARNOK	7220.000	03	10	2030	2230	29.8	VOV	VTN	BC	10K7	A3E										
I	ROMA	7220.000	05	10	2020		33.0	VOICE OF VIETNAM	VTN	BC	9K00E	A3E										
J	TOKYO	7220.000	14	12	1500			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7220.000	19	12	1200	1900	20.0	CRI			10K0	A3EG								A		
KOR	CRMS	7220.000	29	12	0407	0407	33.7	KCB	KRE	BC	14K4	A3E									3	
HNG	TARNOK	7220.001	03	10	0000	0600	31.6	CNR2	CHN	BC	11K7	A3E										
HNG	TARNOK	7224.965	03	10	1300	1515	15.2	PBS	CHN	BC	10K9	A3E									3	
HNG	TARNOK	7225.002	03	10	0330	0430	38.3	VOA	STP	BC	11K4	A3E										
HNG	TARNOK	7229.999	03	10	1250	1804	14.3	CNR1	CHN	BC	10K9	A3E										
HNG	TARNOK	7230.000	03	10	2025	2400	34.5	CNR1	CHN	BC	10K8	A3E										
I	ROMA	7230.000	05	10	2020		23.0	CNR 1VOICE OF CHINA	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	7230.000	20	12	1000	1900	28.0	CNR			10K0	A3EG								A		
HNG	TARNOK	7230.001	03	10	0000	0600	39.2	CNR1	CHN	BC	11K3	A3E										
HNG	TARNOK	7234.934	03	10	2100	2350	34.2	KCBS	KRE	BC	10K9	A3E									3	
HNG	TARNOK	7234.939	03	10	1400	1500	19.4	RADIO ETHIOPIA	ETH	BC	10K9	A3E									3	
HNG	TARNOK	7234.948	03	10	1600	1800	30.7	RADIO ETHIOPIA	ETH	BC	10K3	A3E									3	
F	RAMBOUILLET	7235.000	20	12	1000	1900	28.0	CRI			10K0	A3EG								A		
HNG	TARNOK	7240.000	03	10	1250	1800	13.7	CNR2	CHN	BC	10K9	A3E										
HNG	TARNOK	7240.000	03	10	2100	2230	44.9	PBS XIZANG	CHN	BC	10K8	A3E										
HNG	TARNOK	7240.000	03	10	2300	2400	44.7	PBS XIZANG	CHN	BC	10K8	A3E										
I	ROMA	7240.000	05	10	2020		37.0	PBS XIZANG (CNR 1)		BC	9K00E	A3E										
ROU	BELCIUGATELE	7240.000	17	10	1337	1349	57.9	PBS Xizang (CNR1)	CHN	BC	3K00	A3E							87	A		Lhasa
HNG	TARNOK	7240.002	03	10	0000	0258	40.3	PBS XIZANG	CHN	BC	10K9	A3E										
HNG	TARNOK	7244.666	03	10	2055	2300	34.2	CNR2	CHN	BC	10K4	A3E									3	
HNG	TARNOK	7245.000	03	10	1200	1800	12.9	VOICE OF TAJIK	TJK	BC	10K9	A3E										
I	ROMA	7245.000	05	10	2020		32.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	7245.000	20	12	1000	1900	28.0	VO TAJIK			10K0E	A3EG								A	3	
HNG	TARNOK	7245.001	03	10	1800	1857	71.7	RRO	ROU	BC	10K1	X7E										DRM
HNG	TARNOK	7245.001	03	10	1900	2057	47.7	CRI	CHN	BC	10K7	A3E										
HNG	TARNOK	7245.003	03	10	0200	1800	39.5	TDJ	TJK	BC	10K1	A3E										
HNG	TARNOK	7250.000	03	10	1400	1457	24.5	CRI	CHN	BC	10K6	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	7255.000	05	10	2020		39.0	PBS XIZANG		BC	9K00E	A3E										
F	RAMBOUILLET	7255.000	21	12	1000	1900	28.0	CRI			10K0	A3EG -								A		
ROU	BELCIUGATELE	7260.000	17	10	1343	1408	52.7	PBS Xinjiang (CNR1)	CHN	BC	9K00	A3E							71	A		Urumqi
J	TOKYO	7260.000	14	12	1100			CHINA R.I.	CHN	BC		A3E										
I	ROMA	7265.000	05	10	2020		33.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
F	RAMBOUILLET	7265.000	21	12	1230	1900	41.0	CNR			10K0	A3EG -								A		
F	RAMBOUILLET	7270.000	21	12	1000	1900	56.0	PBS			10K0	A3EG -								A		
F	RAMBOUILLET	7270.000	21	12	1000	1900	41.0	PBS NEI MENGGU			10K0	A3EG -								A		
F	RAMBOUILLET	7275.000	21	12	0900	1900	32.0	PBS			10K0	A3EG -								A		
F	RAMBOUILLET	7275.000	22	12	0900	1900	31.0	PBS			10K0	A3EG -								A		
I	ROMA	7280.000	05	10	2020		18.0	SOH WANG ZHI SHENG		BC	9K00E	A3E										
F	RAMBOUILLET	7285.000	22	12	1230	1900	35.0	CRI			10K0	A3EG -								A		
KOR	CRMS	7290.000	23	11	0044	0044	10.0		CHN	BC	14K8	A3E									6	
J	TOKYO	7290.000	14	12	2100			CHINA R.I.	CHN	BC		A3E										
I	ROMA	7295.000	05	10	2020		42.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
F	RAMBOUILLET	7295.000	22	12	1230	1900	34.0	NIPPON KAZE			10K0	A3EG -								A		
I	ROMA	7300.000	05	10	2020		39.0	HCJB RADIO AKHBAR MU	G	BC	9K00E	A3E										
HNG	TARNOK	7305.000	05	10	2000	2057	61.9	CRI	CHN	BC	10K6	A3E										
I	ROMA	7305.000	05	10	2020		43.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
HNG	TARNOK	7305.002	05	10	1720	1820	21.0	IRB	IRN	BC	10K0E	A3E										
HNG	TARNOK	7309.997	05	10	1330	1400	17.0			BC	11K6	A3E										
HNG	TARNOK	7309.998	05	10	0000	0200	34.0	PBS XINJIANG	CHN	BC	9K40	A3E										
HNG	TARNOK	7310.001	05	10	1730	1900	33.5	SOH	CHN	BC	11K6	A3E										
HNG	TARNOK	7315.000	05	10	0000	0100	28.0	CNR2	CHN	BC	10K0E	A3E										
I	ROMA	7315.000	05	10	2020		17.0	CNR 2 CHINA BUSINESS	CHN	BC	9K00E	A3E										
HNG	TARNOK	7315.000	05	10	2052	2200	38.0			BC	11K9	A3E										
HNG	TARNOK	7315.002	05	10	0300	0429	36.3	JRC RADIO	CVA	BC	9K60	A3E										
I	ROMA	7325.000	05	10	2020		41.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
J	TOKYO	7325.000	26	10	1000			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	7325.000	14	12	1000			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7325.000	26	12	1500	1900	31.0	CRI			10K0	A3EG -								A		
HNG	TARNOK	7325.001	05	10	2000	2100	59.2	CRI	CHN	BC	10K7	A3E										
HNG	TARNOK	7325.002	05	10	1820	1900	62.1	IRB	IRN	BC	9K02	A3E										
HNG	TARNOK	7335.000	05	10	0000	0800	39.6	RMT	USA	BC	9K50	A3E										
I	ROMA	7335.000	05	10	2020		37.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	7335.001	05	10	2000	2300	62.9	CRI	CHN	BC	11K7	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	7339.987	05	10	1300	1800	15.4	PBS XINJIANG	CHN	BC	11K6	A3E									3	
HNG	TARNOK	7339.989	05	10	0000	0230	43.9	PBS XINJIANG	CHN	BC	10K0E	A3E									3	
HNG	TARNOK	7340.001	05	10	1800	1857	61.0	CRI	CHN	BC	10K1	A3E										
I	ROMA	7345.000	05	10	2020		47.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
HNG	TARNOK	7345.001	05	10	2030	2130	57.5	CRI	CHN	BC	11K1	A3E										
HNG	TARNOK	7348.700	05	10	0520	0630	11.3				3K00	G1D										
HNG	TARNOK	7350.000	05	10	0000	0057	62.0	CRI	CHN	BC	15K3	A3E										
J	TOKYO	7355.000	14	12	1400			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7355.000	27	12	0700	1020	50.0	RADIO MARTI			10K0	A3EG								A		
I	ROMA	7360.000	05	10	2020		24.0	CNR 2 CHINA BUSINESS	CHN	BC	9K00E	A3E										
J	TOKYO	7360.000	24	10	0835					BC		D7W							320	C		
J	TOKYO	7360.000	26	10	1400			CHINA R.I.	CHN	BC		A3E										
I	ROMA	7365.000	05	10	2020		20.0	VOICE OF AMERICA	THA	BC	9K00E	A3E										
I	ROMA	7370.000	05	10	2020		29.0	CNR 2 CHINA BUSINESS	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	7370.000	27	12	1100	1600	20.0	CNR			10K0	A3EG								A		
I	ROMA	7385.000	05	10	2020		34.0	CNR 5	CHN	BC	9K00E	A3E										
I	ROMA	7390.000	05	10	2020		38.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	7390.000	27	12	1300	1650	42.0	RADIO NEW ZEALAND			10K0E	A3EG								A	3	
J	TOKYO	7405.400	19	12	0701				CHN			J2D	118	E	26	26	N	16	249	B		
J	TOKYO	7406.000	11	10	0023				RUS			A1A	132	E	57	42	N	44	323	A		
HNG	TARNOK	7410.000	07	10	1700	1800	26.7	CRI	CHN	BC	10K9	A3E										
J	TOKYO	7410.000	26	10	1300			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	7410.000	01	11	1300			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7410.000	28	12	1200	1900	33.0	CRI			10K0	A3EG								A		
HNG	TARNOK	7410.001	07	10	0529	0630	36.3	BBC	G	BC	9K26	A3E										
J	TOKYO	7413.490	19	12	0703				CHN			A1A	123	E	15	41	N	58	300	B		
HNG	TARNOK	7414.999	07	10	1800	2200	67.3	CRI	CHN	BC	15K6	A3E										
I	ROMA	7415.000	05	10	2020		38.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
HNG	TARNOK	7420.000	07	10	1700	1800	24.4	CRI	CHN	BC	10K9	A3E										
I	ROMA	7425.000	05	10	2020		38.0	NHK WORLD RADIO JAPA	F	BC	9K00E	A3E										
HNG	TARNOK	7425.000	07	10	2030	2200	52.5	NHK	F	BC	10K5	A3E										
F	RAMBOUILLET	7425.000	28	12	1200	1900	31.0	CNR			10K0	A3EG								A		
J	TOKYO	7430.000	01	11	2200			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	7430.000	14	12	0900			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7430.000	28	12	0800	1100	31.0	CRI			10K0	A3EG								A		
F	RAMBOUILLET	7430.000	28	12	1200	1900	31.0	CRI			10K0	A3EG								A		
J	TOKYO	7433.500	03	10	0155			HLL2				F3C										

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	7433.500	11	10	0029			HLL2				F3C	127	E	56	36	N	13	277	A		
J	TOKYO	7433.500	14	11	0502			HLL2				F3C										
J	TOKYO	7433.500	21	11	0221			HLL2				F3C	127	E	50	35	N	35	274	B		
J	TOKYO	7433.500	28	11	0040			HLL2				F3C							277	C		
J	TOKYO	7433.500	12	12	0831			HLL2				F3C										
J	TOKYO	7433.500	19	12	0706			HLL2				F3C	128	E	07	36	N	01	275	A		
I	ROMA	7435.000	05	10	2020		37.0	R.FREE ASIA	KWT	BC	9K00E	A3E										
HNG	TARNOK	7435.000	07	10	0300	1000	15.2	RMT	USA	BC	9K45	A3E										
ROU	BELCIUGATELE	7435.000	05	12	1424	1457	68.7	China Radio International	CHN	BC	9K00	A3E							82	A		Kunming-anning Nepali Language
ROU	BELCIUGATELE	7435.000	05	12	1500	1527	72.0	China Radio International	CHN	BC	9K00	A3E							81	A		Kunming-anning Pashto Language
F	RAMBOUILLET	7435.000	28	12	0700	1100	34.0	CRI			10K0	A3EG								A		
HNG	TARNOK	7435.001	07	10	0300	1000	35.0	RMT	USA	BC	8K75	A3E										
I	ROMA	7445.000	05	10	2020		39.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	7445.009	07	10	1600	2000	50.8	BBC	MDG	BC	9K84	A3E										
J	TOKYO	7450.000	05	12	1106					BC		A3E							277	C		
KOR	CRMS	7450.000	11	12	0014	0014	-4.0		CHN	BC	15K0	A3E									6	
HNG	TARNOK	7457.000	07	10	0000	0821	11.1				1K00	F1B										50BD
HNG	TARNOK	7459.995	07	10	0330	0530	46.1	VOA	BOT	BC	10K7	A3E									11	
I	ROMA	7460.000	05	10	2020		34.0			BC	9K00E	A3E										
KOR	CRMS	7460.000	25	10	0225	0225	11.8		CHN	BC	14K9	A3E									11	
HNG	TARNOK	7460.004	07	10	1603	2200	46.7	SOH	CHN	BC	9K83	A3E									11	
J	TOKYO	7461.000	07	11	0701				RUS			F1B	131	E	38	43	N	05	320	B		
J	TOKYO	7461.000	21	11	0223				RUS			F1B	132	E	40	43	N	08	324	B		
I	ROMA	7465.000	05	10	2020		21.0	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
HNG	TARNOK	7465.001	07	10	1856	2100	37.2	VOA	PHL	BC	11K6	A3E										
J	TOKYO	7470.000	17	10	1108			CHINA N.R.		BC		A3E	119	E	42	27	N	41	251	B	11	
ROU	BELCIUGATELE	7470.000	18	10	1256	1300	52.6	Voice of America	THA	BC	20K0	A3E							77	A		Chinese Language
ROU	BELCIUGATELE	7470.000	05	12	1348	1400	57.5	Voice of America	THA	BC	18K0	A3E							84	B		Udon Thani Chinese Language
J	TOKYO	7475.400	24	10	0839							J2D							250	C		
I	ROMA	7480.000	05	10	2020		23.0			BC	9K00E	A3E										
ROU	BELCIUGATELE	7480.000	18	10	1300	1319	44.9	Voice of America	THA	BC	9K00	A3E							80	A		Chinese Language
HNG	TARNOK	7483.000	07	10	0335	0610	28.7					F1B										200HZ,50BD
ROU	BELCIUGATELE	7485.000	05	12	1336	1558	69.7	BBC	UZB	BC	9K00	A3E							83	A		Tashkent Burmese Language
ROU	BELCIUGATELE	7485.000	06	12	1345	1400	57.7	BBC	UZB	BC	9K00	A3E							83	A		Tashkent Burmese Language
HNG	TARNOK	7489.926	07	10	0300	0500	23.3	WBCQ	USA	BC	10K7	A3E									11	
ROU	BELCIUGATELE	7495.000	05	12	1302	1335	69.5	VOA Deewa Radio	THA	BC	9K00	A3E							90	A		Udon Thani Pashto Language
ROU	BELCIUGATELE	7495.000	06	12	1302	1336	53.4	VOA Deewa Radio	THA	BC	9K00	A3E							89	A		Udon Thani Pashto Language
I	ROMA	7495.000	21	12	1409	1411	28.0	USAGM	THA	BC	9K00E	H3E							77	A		
HNG	TARNOK	7495.004	07	10	1427	1730	42.4	VOA	THA	BC	10K6	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	7502.360	07	11	0601				CHN				120	E	35	30	N	54	260	B		
J	TOKYO	7502.500	10	10	2345							J2D							261	C		
HNG	TARNOK	7505.000	07	10	0000	1600	46.9	WRNO	USA	BC	7K10	A3E									11	
J	TOKYO	7508.000	03	10	0131							F1B							323	D		
ROU	BELCIUGATELE	7508.800	03	10	0743	0801	36.1	P BEACON	RUS	FX	600HE	A1A							87	A		Morse Code
J	TOKYO	7510.000	27	11	2346			CHINA N.R.		BC		A3E	119	E	10	26	N	21	249	A	11	
ROU	BELCIUGATELE	7515.000	05	12	1243	1300		Voice of America	THA	BC	18K0	A3E										Udon Thani Chinese Language
ROU	BELCIUGATELE	7515.000	06	12	1230	1300	61.4	Voice of America	CHN	BC	18K0	A3E							66			Chinese Language
I	ROMA	7515.000	21	12	1210	1212	14.0			BC	9K00E	A3E							54	A		
J	TOKYO	7516.900	24	10	0800				KRE			J2B	125	E	10	37	N	53	285	B		
J	TOKYO	7516.910	12	12	0746				KRE				125	E	50	38	N	33	287	B		
J	TOKYO	7521.860	12	12	0747				CHN				122	E	13	42	N	05	300	B		
J	TOKYO	7522.490	03	10	0134							A1A							302	D		
J	TOKYO	7530.000	21	11	0130					BC		A3E							292	C		
J	TOKYO	7539.000	24	10	0804				CHN			A1A	118	E	23	33	N	21	269	B		
ROU	BELCIUGATELE	7545.000	05	12	1414	1436	48.3	Voice of America	PHL	BC	9K00	A3E							78	B		Udon Thani Chinese Language
ROU	BELCIUGATELE	7545.000	11	12	0907	0938	51.8	Voice of America	THA	BC	9K00	A3E							71	B		Udon Thani Chinese Language
J	TOKYO	7550.300	17	10	1001														302	D		
J	TOKYO	7550.350	12	12	0750				CHN				118	E	01	34	N	53	275	B		
J	TOKYO	7550.400	24	10	0807				CHN			J2D	120	E	43	36	N	42	280	B		
J	TOKYO	7550.500	27	11	2348				CHN				120	E	13	36	N	11	278	A		
J	TOKYO	7550.550	10	10	2347							J2D							276	C		
ROU	BELCIUGATELE	7553.000	03	10	0654	0722	39.1	STANAG	D	FC	3K00	G1D							320	A		2400BD STANAG
I	ROMA	7553.000	07	12	0901	0912	35.0			FX	3K00E	G1D							342	B		STANAG 4285 2400BD
ROU	BELCIUGATELE	7556.400	03	10	0714	0741	41.2	STANAG	F	FC	3K00	G1D							277	A		2400BD STANAG
KOR	CRMS	7560.000	09	11	0016	0016	39.4		THA	BC	14K9	A3E									11	
KOR	CRMS	7560.000	27	11	0033	0033	32.3		CHN	BC	14K9	A3E									11	
J	TOKYO	7560.000	28	11	0001			CHINA N.R.		BC		A3E	116	E	18	40	N	26	291	B	11	
KOR	CRMS	7560.000	04	12	0020	0020	33.5		THA	BC	14K7	A3E									11	
J	TOKYO	7565.400	24	10	0809				CHN			J2D	119	E	05	26	N	42	250	B		
J	TOKYO	7572.430	12	12	0752				CHN				120	E	01	30	N	28	260	B		
KOR	CRMS	7580.000	01	11	0805	0805	40.6		KRE	BC	14K7	A3E									11	
J	TOKYO	7580.000	21	11	0140					BC		A3E							295	C		
J	TOKYO	7580.000	28	11	0100			CHINA N.R.		BC		A3E	087	E	35	43	N	10	297	A	11	
J	TOKYO	7580.000	05	12	1001			V.O. KOREA		BC		A3E	127	E	00	40	N	39	299	A	11	
J	TOKYO	7580.000	12	12	0753			V.O. KOREA		BC		A3E	126	E	19	39	N	46	295	B	11	
J	TOKYO	7597.000	17	10	1008							F1B							55	D		
J	TOKYO	7597.000	24	10	0814				USA			F1B	118	W	18	35	N	11	55	B		
J	TOKYO	7597.000	07	11	0604														55	C		KOR

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	7597.000	14	11	0416				USA			F1B							54	B		
J	TOKYO	7597.000	05	12	1003							F1B							89	B		
J	TOKYO	7597.000	12	12	0756				USA			F1B	158	W	02	21	N	30	87	B		HWA
J	TOKYO	7597.000	19	12	0604							F1B							57	A		
ROU	BELCIUGATELE	7600.000	05	10	1340	1410	44.7	AFGHANISTAN INTERNATIONAL TV	UZB	BC	9K00	A3E							86	A		Pashto Language
J	TOKYO	7600.000	28	11	0003					BC		A3E							305	A		
J	TOKYO	7600.300	17	10	1010														278	D		
J	TOKYO	7637.000	14	11	0419				RUS			F1B	132	E	49	42	N	56	323	B		
J	TOKYO	7637.000	19	12	0604				RUS			F1B	131	E	59	43	N	10	322	A		
J	TOKYO	7644.960	10	10	2351			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	7644.960	17	10	1014			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	7644.960	05	12	1007			SOUND OF HOPE		BC		A3E	120	E	48	22	N	52	238	B	11	TAIWAN
HNG	TARNOK	7646.000	09	10	0612	2400	29.3	DDH7	D	FX	600H	F1B										
I	ROMA	7646.000	05	12	0952	1005	27.0	DDH7	D	SM	800HE	F1B							349	A		BAUDOT 50 BD
HNG	TARNOK	7653.000	09	10	0400	2400	19.9				3K00	G1D										STANAG 4285
J	TOKYO	7655.000	24	10	0816							A1A										
HNG	TARNOK	7657.000	09	10	1929	1939	26.4				300H	F1B										200HZ,50BD
HNG	TARNOK	7669.000	09	10	0000	2400	27.1				3K00	G1D										STANAG 4285
HNG	TARNOK	7702.000	09	10	1947	2016	35.8				12K0E	F0N										OTHR
J	TOKYO	7705.500	19	12	0608				CHN				119	E	24	26	N	44	250	A		
J	TOKYO	7717.980	12	12	0758				KRE				126	E	13	39	N	03	290	B		
J	TOKYO	7719.000	17	10	1016														289	D		
HNG	TARNOK	7719.996	09	10	1445	2400	29.9		KOR	BC	10K0E	A3E									11	
J	TOKYO	7720.000	03	10	0139			ECHO OF HOPE		BC		A3E							281	D	11	
J	TOKYO	7720.000	10	10	2354			ECHO OF HOPE		BC		A3E							286	C	11	
J	TOKYO	7720.000	21	11	0145			ECHO OF HOPE		BC		A3E	127	E	20	37	N	08	282	B	11	
J	TOKYO	7720.000	28	11	0004				KOR	BC		A3E	126	E	58	37	N	31	284	A		
J	TOKYO	7720.000	28	11	0004				KRE				125	E	22	38	N	59	290	A		
J	TOKYO	7720.000	19	12	0608				KOR	BC		A3E	126	E	55	37	N	41	285	A		
J	TOKYO	7720.000	25	12	0416			ECHO OF HOPE		BC		A3E	127	E	08	37	N	27	284	B	11	
HNG	TARNOK	7729.000	09	10	1822	1836	40.0				16K0E	F0N										OTHR
J	TOKYO	7729.860	17	10	1017					BC		A3E							240	D		
HNG	TARNOK	7729.999	09	10	0000	0300	21.2			BC	9K86	A3E									11	
HNG	TARNOK	7730.000	09	10	0300	0800	18.3	WRMI	USA	BC	9K92	A3E									11	
J	TOKYO	7730.000	10	10	2356					BC		A3E							278	C		
J	TOKYO	7730.000	24	10	0818			CHINA N.R.		BC		A3E	106	E	44	34	N	42	278	B	11	
KOR	CRMS	7730.000	10	11	0538	0538	36.6		CHN	BC	14K8	A3E									11	
J	TOKYO	7730.000	21	11	0147				CHN	BC		A3E	111	E	38	37	N	16	282	B		
J	TOKYO	7730.000	05	12	1010			CHINA N.R.		BC		A3E	118	E	33	25	N	27	247	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	7730.000	12	12	0759			CHINA N.R.		BC		A3E	117	E	01	25	N	12	249	B	11	
HNG	TARNOK	7731.000	09	10	1904	1947	39.9				14K0E	F0N										OTHR
HNG	TARNOK	7735.000	09	10	1840	1843	18.4				3K00	J3E										USB
J	TOKYO	7744.010	11	10	0003							F1B							8	C		
HNG	TARNOK	7750.000	09	10	1920	1930	18.9				3K00	J3E										USB
J	TOKYO	7750.160	17	10	1023			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	7750.170	05	12	1012			SOUND OF HOPE		BC		A3E	108	E	17	46	N	31	305	B	11	MNG
HNG	TARNOK	7756.000	09	10	1540	2400	33.2				6K00	G7D										LINK 11 DUAL SB
HNG	TARNOK	7766.000	09	10	1849	1904	55.4				14K0E	F0N										OTHR
HNG	TARNOK	7777.500	09	10	1803	1809	30.9				100H	A1B										PARALLEL CH. 7829KHZ
HNG	TARNOK	7779.999	09	10	0000	0300	19.1	WRMI	USA	BC	9K89	A3E									11	
HNG	TARNOK	7780.001	09	10	0400	0800	19.5	WRMI	USA	BC	9K85	A3E									11	
J	TOKYO	7784.550	03	10	0141							F1B							322	D		KOR
J	TOKYO	7785.000	07	11	0611				RUS			F1B	133	E	48	48	N	37	342	A		TAIWAN
J	TOKYO	7785.000	12	12	0804							F1B										
HNG	TARNOK	7787.000	09	10	1822	1919	42.0				14K0E	F0N										OTHR
J	TOKYO	7820.000	14	11	0424				KRE			J2D	125	E	47	39	N	04	290	B		
J	TOKYO	7820.200	24	10	0822				KRE			J2B	125	E	20	39	N	59	294	B		
J	TOKYO	7820.200	25	12	0422				KRE			J2D	126	E	12	39	N	40	295	A		
HNG	TARNOK	7829.000	09	10	1510	1520	33.1				100H	A1B										
HNG	TARNOK	7829.000	09	10	1803	1809	39.5				100H	A1B										PARALLEL CH. 7777.5KHZ
HNG	TARNOK	7841.000	09	10	1512	1514	19.0				3K00	J3E										USB
HNG	TARNOK	7850.000	09	10	0000	0700	22.7	CHU	CAN	FX	2K70	H3W										LSB
J	TOKYO	7860.200	24	10	0824				KRE			J2B	125	E	37	39	N	59	295	B		
ROU	BELCIUGATELE	7880.000	02	10	1000	1115	46.1	DDH3	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
ROU	BELCIUGATELE	7880.000	03	10	1130	1157	52.5	DDK3	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
ROU	BELCIUGATELE	7880.000	27	11	1124	1147	52.4	DDH/K3	D	FC	3K00	F1B							318	A		Weather Forecast Station Fax
ROU	BELCIUGATELE	7880.000	06	12	1318	1343	54.1	DDH/K Maritime	D	FC	1K20	F1B							318	A		Weather Forecast Station FAX
ROU	BELCIUGATELE	7880.000	07	12	0809	0835	59.5	DDH/K Maritime	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
I	ROMA	7880.000	07	12	1335	1339	41.0	DDK3	D	SM	1K50E	F1C							351	A		FAX 120 RPM
J	TOKYO	7892.350	12	12	0805				CHN				118	E	00	25	N	38	249	B		
J	TOKYO	7896.000	17	10	1025							F1B							30	D		
J	TOKYO	7896.000	25	12	0425				RUS			F1B	158	E	11	53	N	30	29	B		
J	TOKYO	7916.500	28	11	0018				KRE				125	E	42	38	N	12	287	A		
J	TOKYO	7932.400	24	10	0826							J2D										
J	TOKYO	7970.200	24	10	0832				KRE			J2B	126	E	36	39	N	50	295	B		
J	TOKYO	8000.000	05	12	1015			CHINA N.R.		BC		A3E	109	E	06	19	N	48	248	B	11	
I	ROMA	8000.000	20	12	1523	1525	30.0	OLYMPIA RADIO	GRC	RN	2K70E	A1A							118	A		
ROU	BELCIUGATELE	8038.200	04	10	0812	0830	47.5		TUR		3K00	G1D							131	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	8038.200	07	12	0844	0912	57.7		TUR		3K00	G1D							131	A		
I	ROMA	8038.300	07	12	0943	0947	19.0			FX	3K00E	G1D							90	A		STANAG 4285 2400BD
I	ROMA	8040.100	21	12	1153	1202	16.0	GYA NORTHWOOD	G	FX	1K50E	F1C							322	A		FAX 120RPM
J	TOKYO	8053.990	07	11	0615				RUS			F1B	139	E	59	50	N	26	0	B		
J	TOKYO	8053.990	05	12	1018				RUS			F1B	139	E	16	50	N	37	357	B		
J	TOKYO	8053.990	12	12	0811				RUS			F1B	139	E	25	48	N	20	357	B		
J	TOKYO	8053.990	19	12	0617				RUS			F1B	139	E	39	49	N	38	358	A		
J	TOKYO	8054.000	25	12	0434				RUS			F1B	138	E	44	49	N	59	355	B		
J	TOKYO	8055.600	17	10	1027														287	D		
I	ROMA	8063.000	28	11	1433	1549	40.0			FX	315HE	F1B							115	B		75 BD
J	TOKYO	8070.500	21	11	0152				RUS			J2D	136	E	05	48	N	52	348	B		
J	TOKYO	8078.000	24	10	0835				RUS			F1B	135	E	48	47	N	53	346	B		
I	ROMA	8098.000	07	12	1633	1652	23.0		RUS	FX	550HE	F1B							42	A		50BD
J	TOKYO	8100.100	24	10	0838							J2B							125	C		
HNG	TARNOK	8106.900	11	10	0800	1500	29.9	SWA	GRC	SM	1K50	F1C										FAX 120RPM
J	TOKYO	8117.000	11	10	0008							J3E							240	C		
J	TOKYO	8117.000	17	10	1032							J3E										
J	TOKYO	8117.000	24	10	0841				CHN			J3E	120	E	13	23	N	07	240	B		
J	TOKYO	8117.000	05	12	1021				CHN			J3E	120	E	55	24	N	40	240	B		
HNG	TARNOK	8125.000	11	10	0939	1600	28.2				100H	A1A										
G	BALDOCK	8140.500	18	11				?	I	FX	3K00E	G1D							136	B		2400
HNG	TARNOK	8142.600	11	10	0000	2400	10.2				3K00	G1D										STANAG 4285
J	TOKYO	8143.000	17	10	1033							J3E							272	D		
J	TOKYO	8143.000	14	11	0431				RUS			F1B	139	E	26	49	N	35	357	B		
J	TOKYO	8143.000	05	12	1023				RUS			F1B	139	E	14	51	N	08	357	B		
J	TOKYO	8143.000	19	12	0623				RUS			F1B	139	E	27	49	N	12	357	A		
G	BALDOCK	8151.000	11	11					I		3K00E	G1D							134	B		
I	ROMA	8151.000	21	12	1143	1147	18.0			FX	3K00E	G1D							18	A		
G	BALDOCK	8153.500	18	11				?	DNK	FX	3K00E	G1D							46	B		2400
I	ROMA	8153.500	14	12	0725	0730	43.0			FX	3K00E	G1D							355	B		STANAG 4285
HNG	TARNOK	8157.800	11	10	0000	2400	29.3				3K00	G1D										STANAG 4285
ROU	BELCIUGATELE	8158.000	07	12	1041	1107	45.9			FX	3K00	G1D							258	B		
G	BALDOCK	8160.900	18	11				SVJ4	GRC	SM	2K40E	J3C							125	B		
I	ROMA	8163.000	07	12	1652	1656	12.0		LBY	FX	2K70E	J3E							172	B		
ROU	BELCIUGATELE	8172.000	04	10	0658	0806	45.6		NOR	FX	3K00	G1D							327	A		
G	BALDOCK	8172.000	18	11				?	NOR	FX	3K00E	G1D							25	A		
J	TOKYO	8172.000	05	12	1026				CHN			A1A	106	E	29	25	N	20	260	B		
I	ROMA	8172.000	21	12	1140	1143	12.0			FX	3K00E	G1D							346	A		STANAG 4285
HNG	TARNOK	8172.150	11	10	0000	2400	26.3				3K00	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
I	ROMA	8175.000	28	12	1041	1045	13.0		LBY	FX	2K70E	J3E							173	A		
J	TOKYO	8176.000	24	10	0844			VMC				J3E							171	C		
HNG	TARNOK	8195.000	11	10	0630	1600	17.7				600H	F1B										500HZ,75BD
I	ROMA	8205.700	28	12	1054	1058	13.0			FX	3K10E	G1D							120	A		STANAG 4285 2400BD
J	TOKYO	8299.990	05	12	1029				CHN			A1A	101	E	43	24	N	02	261	B		
J	TOKYO	8302.000	17	10	1036			XSG		FC		F1B							260	D		
J	TOKYO	8302.000	14	11	0437			XSG		FC		F3C	121	E	27	31	N	14	260	A		
J	TOKYO	8302.000	05	12	1034			XSG		FC		F3C	121	E	39	31	N	47	261	B		
J	TOKYO	8302.000	25	12	0439			XSG		FC		F3C	121	E	22	31	N	22	260	A		
J	TOKYO	8308.400	05	12	1037				CHN			J2D	118	E	23	24	N	58	246	B		
J	TOKYO	8321.300	17	10	1037														204	D		
I	ROMA	8322.000	21	12	0823	0911	34.0			FX	3K10E	J2D							184	A		
J	TOKYO	8393.000	12	12	0815				CHN			F1B	119	E	20	35	N	51	281	B		
I	ROMA	8410.000	11	12	1406	1424	28.0			FX	3K00E	G1D							334	B		STANAG 4285
J	TOKYO	8410.000	12	12	0819				CHN			A1A	120	E	11	30	N	40	260	B		
J	TOKYO	8416.500	14	11	0446				CHN			F1B	121	E	34	30	N	59	258	B		
J	TOKYO	8416.500	12	12	0819				USA			F1B	157	W	57	21	N	27	87	B		HWA
J	TOKYO	8418.000	17	10	1044							F1B										
J	TOKYO	8421.000	17	10	1044			XSQ		FC		F1B										
J	TOKYO	8421.000	24	10	0851			XSQ		FC		F1B	115	W	49	23	N	26	247	B		
J	TOKYO	8421.000	14	11	0447			XSQ		FC		F1B										
J	TOKYO	8421.000	28	11	0023			XSQ		FC		F1B										
J	TOKYO	8421.000	05	12	1043			XSQ		FC		F1B	113	E	31	22	N	45	249	B		
J	TOKYO	8421.000	12	12	0822			XSQ		FC		F1B										
J	TOKYO	8421.000	19	12	0627			XSQ		FC		F1B										
I	ROMA	8424.000	28	12	1059	1100	30.0	SVO	GRC	FC	270HE	A1A							118	A		
J	TOKYO	8425.000	25	12	0445			XSG		FC		F1B										
J	TOKYO	8425.500	03	10	0200			XSG		FC		F1B										TAIWAN
J	TOKYO	8425.500	11	10	0023			XSG		FC		F1B							260	C		
J	TOKYO	8425.500	17	10	1045			XSG		FC		F1B										
J	TOKYO	8425.500	24	10	0854			XSG		FC		F1B	121	W	17	31	N	33	261	B		
J	TOKYO	8425.500	07	11	0627			XSG		FC		F1B										
J	TOKYO	8425.500	14	11	0448			XSG		FC		F1B										
J	TOKYO	8425.500	21	11	0205			XSG		FC		F1B										
J	TOKYO	8425.500	28	11	0025			XSG		FC		F1B										
J	TOKYO	8425.500	05	12	1044			XSG		FC		F1B										
J	TOKYO	8425.500	12	12	0824			XSG		FC		F1B										
J	TOKYO	8425.500	19	12	0628			XSG		FC		F1B										
I	ROMA	8431.000	19	12	1359	1426	20.0	TAH	TUR	FC	270HE	F1B							87	B		SITOR

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	8433.000	03	10	0202			XSG		FC		F1B										
J	TOKYO	8433.000	11	10	0025			XSG		FC		F1B							261	C		
J	TOKYO	8433.000	17	10	1046			XSG		FC		F1B										
J	TOKYO	8433.000	24	10	0856			XSG		FC		F1B								B		
J	TOKYO	8433.000	07	11	0627			XSG		FC		F1B										
J	TOKYO	8433.000	14	11	0449			XSG		FC		F1B										
J	TOKYO	8433.000	21	11	0206			XSG		FC		F1B										
J	TOKYO	8433.000	28	11	0026			XSG		FC		F1B										
J	TOKYO	8433.000	05	12	1047			XSG		FC		F1B										
J	TOKYO	8433.000	12	12	0824			XSG		FC		F1B										
J	TOKYO	8433.000	19	12	0629			XSG		FC		F1B										
J	TOKYO	8433.000	25	12	0446			XSG		FC		F1B										
HNG	TARNOK	8439.000	13	10	0000	2400	18.9	PBB			1K10	F1B										850Hz,75Bd ITA2
I	ROMA	8439.000	19	12	0833	0857	27.0	PBB	HOL	FC	1K00E	F1B							266			75 BD
J	TOKYO	8449.000	24	10	0858				RUS			J2D	132	E	00	42	N	47	322	B		
J	TOKYO	8451.000	19	12	0631				RUS			F1B	158	E	06	53	N	08	30	A		
J	TOKYO	8458.200	17	10	1049														167	D		
I	ROMA	8460.000	19	12	0802	0810	23.0			FX	3K00E	G1D							326	C		STANAG 4285
J	TOKYO	8461.800	17	10	1050														169	D		
J	TOKYO	8461.800	24	10	0900							J2B							175	C		
HNG	TARNOK	8465.000	13	10	0000	2400	11.1	+RETJ+	E		3K00	G1D										STANAG 4285
HNG	TARNOK	8480.000	13	10	0000	2400	14.5				3K00	G1D										STANAG 4285
HNG	TARNOK	8486.000	13	10	0000	2400	21.3				3K01	G1D										
HNG	TARNOK	8494.000	13	10	0000	2400	16.7	+RETJ+	E		3K00	G1D										STANAG 4285
J	TOKYO	8495.300	03	10	0206			K				A1A							30	D		
J	TOKYO	8495.300	11	10	0029			K				A1A							29	C		
J	TOKYO	8495.300	17	10	1053			K				A1A							30	D		
J	TOKYO	8495.300	24	10	0905			K				A1A	157	E	54	52	N	55	30	B		
J	TOKYO	8495.300	07	11	0629			K				A1A	158	E	36	53	N	16	30	B		
J	TOKYO	8495.300	14	11	0455			K				A1A	157	E	47	53	N	29	28	B		
J	TOKYO	8495.300	28	11	0031			K				A1A	158	E	22	53	N	12	30	A		
J	TOKYO	8495.300	19	12	0633			K				A1A	158	E	18	53	N	12	30	A		
J	TOKYO	8495.400	03	10	0206			M				A1A							358	D		
J	TOKYO	8495.400	11	10	0030			M				A1A							358	C		
J	TOKYO	8495.400	17	10	1055			M				A1A							357	D		
J	TOKYO	8495.400	24	10	0906			M				A1A	140	E	25	52	N	24	0	B		
J	TOKYO	8495.400	07	11	0630			M				A1A	136	E	22	48	N	57	348	B		
J	TOKYO	8495.400	28	11	0031			M				A1A	140	E	16	49	N	08	359	A		
J	TOKYO	8495.400	05	12	1049			M				A1A	140	E	00	50	N	26	359	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	8495.400	12	12	0826			M				A1A	139	E	47	50	N	32	358	B		
J	TOKYO	8495.400	19	12	0634			M				A1A	139	E	53	49	N	53	359	A		
J	TOKYO	8495.400	25	12	0448			M				A1A	140	E	32	53	N	02	0	B		
HNG	TARNOK	8512.000	13	10	0000	2400	19.5				3K00	G1D										STANAG 4285
J	TOKYO	8518.400	17	10	1056														250	D		
J	TOKYO	8518.400	24	10	0910				CHN			J2D	119	E	07	25	N	51	247	B		
J	TOKYO	8538.000	03	10	0210							F1B							169	D		
J	TOKYO	8538.000	17	10	1059							F1B							169	D		
J	TOKYO	8538.000	24	10	0916				USA			F1B	144	E	17	13	N	35	170	B		GUM
J	TOKYO	8538.000	07	11	0633				USA			F1B	144	E	39	13	N	20	169	A		TAIWAN
J	TOKYO	8538.000	05	12	1052				USA			F1B	144	E	49	13	N	50	168	B		
J	TOKYO	8538.000	12	12	0827				USA			F1B	144	E	49	13	N	28	171	B		GUM
J	TOKYO	8538.000	19	12	0639				USA			F1B	144	E	48	13	N	30	168	A		GUM
J	TOKYO	8538.000	25	12	0453				USA			F1B	144	E	31	13	N	23	169	A		GUM
HNG	TARNOK	8554.500	13	10	0000	2400	18.8				3K01	G1D										STANAG 4285
HNG	TARNOK	8563.800	13	10	0000	2400	29.0				3K02	G1D										STANAG 4285
J	TOKYO	8565.000	12	12	0830							F1B							340	C		
HNG	TARNOK	8566.800	13	10	0000	2400	19.0				1K20	F1B										850Hz
J	TOKYO	8585.400	05	12	1056				CHN			J2D	121	E	25	24	N	49	241	B		
J	TOKYO	8601.500	19	12	0648				CHN				121	E	32	30	N	55	259	A		
J	TOKYO	8616.880	19	12	0650				RUS			F1B	132	E	51	42	N	49	323	A		
J	TOKYO	8617.000	25	12	0503				RUS			F1B	132	E	22	43	N	37	325	A		
I	ROMA	8634.400	29	11	0822	0908	55.0			FX	3K10E	G1D							284	A		STANAG 4285
J	TOKYO	8647.700	17	10	1101							F1B							154	D		
J	TOKYO	8647.790	12	12	0831														152	C		
J	TOKYO	8647.800	24	10	0921				F			J2B	164	E	07	22	S	13	155	B		NCL
J	TOKYO	8647.800	05	12	1059				F			J2B	164	E	18	20	S	46	154	A		
J	TOKYO	8654.000	17	10	1107							F1B							169	D		
J	TOKYO	8654.000	24	10	0923				USA			F1B	144	E	36	13	N	28	169	B		GUM
J	TOKYO	8654.000	07	11	0638				USA			F1B	144	E	40	13	N	20	169	A		TAIWAN
J	TOKYO	8654.000	14	11	0504				USA			F1B	144	E	35	13	N	42	169	A		GUM
J	TOKYO	8654.000	19	12	0653				USA			F1B	144	E	42	13	N	20	169	A		GUM
J	TOKYO	8654.000	25	12	0506				USA			F1B	144	E	52	13	N	39	168	A		GUM
J	TOKYO	8665.000	03	10	0219							A1A							262	D		TAIWAN
J	TOKYO	8665.000	24	10	0925			XSG		FC		A1A								B		
J	TOKYO	8665.000	05	12	1101			XSG		FC		A1A										
J	TOKYO	8665.000	19	12	0656				CHN			A1A	120	E	58	31	N	37	261	A		
J	TOKYO	8670.360	12	12	0837				AUS				144	E	03	37	S	10	177	B		
J	TOKYO	8676.000	24	10	0926				USA			F1B	157	W	19	21	N	47	86	B		HWA

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	8676.000	14	11	0509				USA			F1B	157	W	59	21	N	04	93	A		HWA
J	TOKYO	8676.500	25	12	0508				USA			F1B	157	W	56	21	N	32	87	B		HWA
J	TOKYO	8676.990	19	12	0658				CHN			F1B	121	E	17	31	N	43	261	A		
J	TOKYO	8678.200	24	10	0929				F			J2B	164	E	28	22	S	47	155	B		NCL
J	TOKYO	8678.310	12	12	0837														154	C		
J	TOKYO	8692.000	24	10	0932							F1B										
J	TOKYO	8694.000	07	11	0639							F1B							55	C		TAIWAN
J	TOKYO	8694.000	14	11	0512				USA			F1B	121	W	24	38	N	53	53	B		
J	TOKYO	8694.000	05	12	1102				USA			F1B	121	E	07	36	N	40	55	B		
J	TOKYO	8694.000	12	12	0838							F1B							53	C		
J	TOKYO	8716.000	05	12	1105				RUS			F1B	116	E	29	59	N	44	335	B		
J	TOKYO	8743.000	24	10	0933				THA			J3E	100	E	25	17	N	25	253	B		
I	ROMA	8743.000	28	12	1518		2.0	BANGKOK METEO	THA	FC	2K70E	J3E							81	B		
I	ROMA	8764.000	02	11	0535	0538	6.0	USCG	USA	FC	2K70E	J3E							293	B		
J	TOKYO	8765.000	17	10	1109							J3E							240	D		
J	TOKYO	8765.400	05	12	1106				CHN			J3E	120	E	58	24	N	38	242	B		
J	TOKYO	8785.400	24	10	0936				CHN			J2D	120	E	48	22	N	11	237	B		
J	TOKYO	8791.000	03	10	0221			XSG		FC		F3C	121	E	31	31	N	40	262	B		TAIWAN
J	TOKYO	8791.000	11	10	0037			XSG		FC		F3C							260	C		
J	TOKYO	8791.000	17	10	1112			XSG		FC		F3C	121	E	33	31	N	21	260	B		
J	TOKYO	8791.000	24	10	0938			XSG		FC		F3C	121	W	20	31	N	33	261	B		
J	TOKYO	8791.000	07	11	0639				CHN			F3C	118	E	52	31	N	02	261	B		TAIWAN
J	TOKYO	8791.000	14	11	0515			XSG		FC		F3C	121	E	12	31	N	20	261	A		
J	TOKYO	8791.000	28	11	0038			XSG		FC		F3C										
J	TOKYO	8791.000	05	12	1109			XSG		FC		F3C	121	E	51	31	N	35	261	A		
J	TOKYO	8791.000	19	12	0705			XSG		FC		F3C										
J	TOKYO	8791.000	25	12	0514			XSG		FC		F3C	121	E	29	31	N	07	259	B		
J	TOKYO	8798.400	24	10	0940				CHN			J2D	118	E	28	25	N	58	249	B		
J	TOKYO	8798.550	11	10	0040							J2D							260	C		
J	TOKYO	8800.000	07	11	0640							A1A										TAIWAN
I	ROMA	8812.000	20	11	1815	1817	35.0	TAH	TUR	FC	2K70E	J3E							87	A		
HNG	TARNOK	8825.000	15	10	0000	0500	10.2				2K70	J3E										USB
HNG	TARNOK	8828.000	15	10	0550	0555	17.0	AUCKLAND VOLMET	NZL	SM	2K80	J3E										USB
HNG	TARNOK	8840.000	15	10	0840	0846	16.3				2K70	J3E										USB
J	TOKYO	8849.000	03	10	0222							J3E							288	D		
J	TOKYO	8849.000	07	11	0646				CHN			J3E	116	E	34	39	N	44	289	B		TAIWAN
J	TOKYO	8849.000	14	11	0519				CHN			J3E	116	E	25	39	N	31	289	A		
J	TOKYO	8849.000	21	11	0216			BEIJING				J3E	116	E	28	39	N	54	290	B		
J	TOKYO	8849.000	12	12	0845				CHN			J3E	116	E	10	39	N	40	290	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	8849.000	25	12	0517				CHN			J3E	116	E	38	39	N	54	290	B		
HNG	TARNOK	8857.500	15	10	1352	1403	26.3				2K70	G7D										
HNG	TARNOK	8861.000	15	10	0000	0500	19.0				2K70	J3E										USB
HNG	TARNOK	8879.000	15	10	1528	1759	19.1	MUMBAI ATC	IND	FX	2K70	J3E										USB
G	BALDOCK	8879.000	24	10				MUMBAI ATC	IND	FA	2K80E	J3E							92	B		
I	ROMA	8879.000	10	11	1555	1555	11.0	SHANWICK RADIO	IRL	FA	3K10E	J3E										
HNG	TARNOK	8888.000	15	10	0000	0540	17.4				2K70	J3E										USB
J	TOKYO	8888.000	05	12	1113				RUS			J3E	081	E	15	55	N	37	316	B		
G	BALDOCK	8891.000	24	10				ICELAND ATC	ISL	FA	2K80E	J3E							328	A		
J	TOKYO	8899.940	28	11	0044				KRE				125	E	03	40	N	03	296	A		
HNG	TARNOK	8906.000	15	10	0000	0555	16.9				2K70	J3E										USB
J	TOKYO	8927.000	24	10	0946			GUAM		FA		J2D										
J	TOKYO	8927.000	07	11	0648			SANFRANCISCO		FA		J2D										TAIWAN
J	TOKYO	8927.000	05	12	1127			SANFRANCISCO		FA		J2D										
J	TOKYO	8927.000	12	12	0848			SANFRANCISCO		FA		J2D										
J	TOKYO	8927.000	19	12	0706			GUAM		FA		J2D										
HNG	TARNOK	8939.000	15	10	0400	0545	29.2	ROSTOV VOLMET	RUS	SM	2K70	J3E										USB
G	BALDOCK	8939.000	24	10				ROSTOV VOLMET	RUS	FA	2K80E	J3E							51	B		
I	ROMA	8939.000	10	11	1555	1555	6.0	VOLMET		FA	2K70E	J3E										RUS
J	TOKYO	8942.000	12	12	0851			MANILA		FA		J3E	120	E	42	15	N	19	226	B		
J	TOKYO	8942.000	12	12	0855			SHANNON		FA		J2D										
G	BALDOCK	8943.425	24	10				ID7: SHANNON	IRL	FA	2K40E	J7D							281	A		
HNG	TARNOK	8943.440	15	10	0500	2400	41.9	07 SHANNON	IRL	FA	2K80	G1D										HFDL
J	TOKYO	8955.700	21	11	0221				CHN			J2B	118	E	08	31	N	58	265	B		
HNG	TARNOK	8957.000	15	10	0800	2033	17.1	SHANNON VOLMET	IRL	SM	2K80	J3E										USB
I	ROMA	8957.000	18	10	1534	1537	23.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							313	A		VOLMET
G	BALDOCK	8957.000	24	10				SHANNON VOLMET	IRL	FA	2K80E	A3E							281	B		
I	ROMA	8957.000	10	11	1555	1555	16.0	SHANNON VOLMET	IRL	FA	3K10E	J3E										VOLMET
J	TOKYO	8976.000	07	11	0651				USA			F1B	155	W	40	19	N	53	87	B		TAIWAN
I	ROMA	8977.000	05	12	1436		6.0	03 REYKJAVIK	ISL	MA	3K00E	J2D										HFDL
G	BALDOCK	8978.400	24	10				ID3: REKJAVIK	ISL	FA	2K40E	J7D							324	A		
J	TOKYO	9034.000	28	11	0130				CHN			A1A							280	C		
G	BALDOCK	9070.000	24	10				?	CYP	FX	20K0E	P0N							114	A		
J	TOKYO	9075.000	25	12	0602				USA			F1B	155	W	41	19	N	56	87	B		HWA
HNG	TARNOK	9095.500	17	10	0800	2400	37.2				3K00	G1D										STANAG 4285
ROU	BELCIUGATELE	9095.500	27	11	1305	1356	47.3	Stanag			3K00	G1D							274	A		Stanag
G	BALDOCK	9096.800	24	10				?	F	FC	3K00E	G1D							209	A		2400BD STANAG
J	TOKYO	9100.000	11	10	0133							F1B							346	D		
HNG	TARNOK	9100.400	17	10	0500	0730	38.2				3K00	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
HNG	TARNOK	9100.500	17	10	0800	2400	30.6				3K00	G1D										STANAG 4285
G	BALDOCK	9110.000	24	10				NOAA BOSTON	USA	FC	1K10E								288	A		
J	TOKYO	9119.960	24	10	1000			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9119.960	07	11	0746			SOUND OF HOPE		BC		A3E	120	E	48	23	N	39	240	B	11	
J	TOKYO	9119.970	11	10	0135			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9119.970	16	10	2345					BC		A3E							239	C		
J	TOKYO	9119.970	14	11	0603			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9119.970	12	12	1003			SOUND OF HOPE		BC		A3E	120	E	22	22	N	41	239	A	11	TAIWAN
J	TOKYO	9119.980	21	11	0415			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9119.980	28	11	0134			SOUND OF HOPE		BC		A3E	121	E	00	23	N	28	239	B	11	
J	TOKYO	9119.980	04	12	2346			SOUND OF HOPE		BC		A3E	120	E	13	23	N	07	240	A	11	TAIWAN
J	TOKYO	9119.980	19	12	0746			SOUND OF HOPE		BC		A3E	121	E	15	23	N	19	238	A	11	TAIWAN
G	BALDOCK	9120.000	24	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							54	B		MIAOLI TAIWAN
J	TOKYO	9120.000	25	12	0607			SOUND OF HOPE		BC		A3E									11	
HNG	TARNOK	9132.500	17	10	0500	0730	42.7				3K00	G1D										STANAG 4285
HNG	TARNOK	9136.000	17	10	1700	2400	34.2	RAA	RUS	FX	300HE	F1B										
KOR	CRMS	9155.000	06	10	0453	0453	27.7		CHN	BC	14K9	A3E									11	
J	TOKYO	9155.000	16	10	2348					BC		A3E							250	C		
HNG	TARNOK	9155.000	17	10	2102	2400	37.1	SOH	CHN	BC	9K60	A3E									11	
G	BALDOCK	9155.000	24	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							54	B		MIAOLI TAIWAN
J	TOKYO	9155.000	24	10	1003			CHINA N.R.		BC		A3E							255	C	11	
KOR	CRMS	9155.000	01	11	0805	0805	37.5		CHN	BC	14K2	A3E									11	
J	TOKYO	9155.000	07	11	0747			CHINA N.R.		BC		A3E	119	E	07	26	N	42	250	B	11	
J	TOKYO	9155.000	28	11	0136				CHN	BC		A3E	117	E	41	25	N	33	249	B		
KOR	CRMS	9155.000	04	12	0020	0020	47.1		CHN	BC	14K8	A3E									11	
J	TOKYO	9155.000	12	12	1005			CHINA N.R.		BC		A3E	115	E	52	28	N	53	259	A	11	
J	TOKYO	9155.000	19	12	0747			CHINA N.R.		BC		A3E	119	E	17	26	N	35	248	A	11	
J	TOKYO	9155.000	25	12	0608			CHINA N.R.		BC		A3E									11	
J	TOKYO	9155.080	28	11	0200			SOUND OF HOPE		BC		A3E	106	E	00	47	N	46	306	B	11	MNG
J	TOKYO	9155.080	04	12	2346			SOUND OF HOPE		BC		A3E	107	E	04	48	N	06	307	A	11	MNG
J	TOKYO	9163.950	16	10	2351														279	C		
J	TOKYO	9165.000	03	10	0419				KOR			F3C	128	E	19	36	N	38	279	A		NCL
J	TOKYO	9165.000	11	10	0137			HLL2				F3C	128	E	13	36	N	05	278	B		
J	TOKYO	9165.000	07	11	0749			HLL2				F3C										
J	TOKYO	9165.000	21	11	0420			HLL2				F3C	128	E	05	36	N	31	279	B		
J	TOKYO	9165.000	28	11	0138			HLL2				F3C	128	E	56	36	N	17	277	B		
J	TOKYO	9165.000	25	12	0609			HLL2				F3C	127	E	35	36	N	07	277	B		
J	TOKYO	9169.000	14	11	0604				RUS			F1B	131	E	43	43	N	36	322	B		
J	TOKYO	9169.000	04	12	2350				RUS			F1B	131	E	50	43	N	05	321	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	9170.000	21	11	0422				RUS			F1B	132	E	03	43	N	07	322	B		
J	TOKYO	9179.940	11	10	0138			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9179.940	24	10	1006			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9179.940	07	11	0757			SOUND OF HOPE		BC		A3E	121	E	02	23	N	41	240	B	11	
J	TOKYO	9179.940	21	11	0424			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9179.950	16	10	2354			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	9179.950	14	11	0605			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9179.950	28	11	0139			SOUND OF HOPE		BC		A3E	120	E	33	22	N	52	239	A	11	TAIWAN
J	TOKYO	9179.950	04	12	2352			SOUND OF HOPE		BC		A3E	120	E	31	23	N	14	239	A	11	TAIWAN
J	TOKYO	9179.950	12	12	1005			SOUND OF HOPE		BC		A3E	121	E	27	24	N	48	241	A	11	TAIWAN
J	TOKYO	9179.950	19	12	0748			SOUND OF HOPE		BC		A3E	120	E	55	23	N	37	240	B	11	TAIWAN
J	TOKYO	9179.950	25	12	0610			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	9180.000	17	10	0446	0446	-6.5		CHN	BC	14K9	A3E									11	
G	BALDOCK	9180.000	24	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							52	B		MIAOLI TAIWAN
KOR	CRMS	9180.000	20	11	0740	0740	8.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	9180.000	14	12	0025	0025	-10.0		CHN	BC	14K6	A3E									11	
HNG	TARNOK	9192.000	17	10	0500	0730	31.7				3K00	G1D										STANAG 4285
J	TOKYO	9204.750	04	12	2357				RUS				139	E	48	49	N	18	358	A		
J	TOKYO	9215.000	11	10	0143			SOUND OF HOPE		BC		A3E							240	C	11	
G	BALDOCK	9215.000	24	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							53	B		MIAOLI TAIWAN
J	TOKYO	9215.000	07	11	0805			SOUND OF HOPE		BC		A3E	121	E	04	23	N	52	240	B	11	TAIWAN
J	TOKYO	9215.000	21	11	0432			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9215.010	24	10	1008			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9215.010	14	11	0605			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9215.010	12	12	1006			SOUND OF HOPE		BC		A3E	120	E	19	23	N	10	240	A	11	TAIWAN
J	TOKYO	9215.010	19	12	0752			SOUND OF HOPE		BC		A3E	120	E	48	22	N	38	238	B	11	TAIWAN
J	TOKYO	9215.020	16	10	2357			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9215.020	28	11	0141			SOUND OF HOPE		BC		A3E	120	E	35	23	N	16	240	B	11	TAIWAN
J	TOKYO	9215.020	05	12	0003			SOUND OF HOPE		BC		A3E	120	E	33	22	N	49	239	A	11	TAIWAN
J	TOKYO	9215.020	25	12	0611			SOUND OF HOPE		BC		A3E									11	
HNG	TARNOK	9224.000	17	10	0500	2400	27.3				260HE	F1B										180Hz,50Bd
HNG	TARNOK	9224.000	17	10	1700	2400	28.1				470H	F1B										200Hz,50Bd
G	BALDOCK	9224.000	24	10				?	RUS	FC	290HE	F1B							30	A		50BD
J	TOKYO	9225.000	11	10	0147					BC		A3E										
J	TOKYO	9229.940	11	10	0150			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9229.940	17	10	0014			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	9229.950	17	10	0002			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	9229.950	24	10	1010			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9229.950	07	11	0806			SOUND OF HOPE		BC		A3E	121	E	04	23	N	45	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	9229.950	21	11	0434			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9229.960	11	10	0144			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9229.960	14	11	0606			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9229.960	28	11	0144			SOUND OF HOPE		BC		A3E	120	E	31	23	N	21	240	B	11	TAIWAN
J	TOKYO	9229.970	05	12	0010			SOUND OF HOPE		BC		A3E	121	E	25	24	N	20	240	A	11	TAIWAN
J	TOKYO	9229.970	12	12	1007			SOUND OF HOPE		BC		A3E	121	E	20	25	N	03	242	A	11	TAIWAN
J	TOKYO	9229.980	19	12	0752			SOUND OF HOPE		BC		A3E	121	E	12	25	N	02	242	B	11	TAIWAN
J	TOKYO	9229.980	25	12	0611			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	9230.000	24	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							53	B		MIAOLI TAIWAN
KOR	CRMS	9230.000	09	11	0017	0017	16.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	9230.000	11	12	0016	0016	-11.8		CHN	BC	14K9	A3E									11	
J	TOKYO	9238.000	17	10	0005							F1B							30	C		
G	BALDOCK	9238.000	24	10				?	RUS	FC	290HE	F1B							13	B		
J	TOKYO	9238.000	24	10	1013							F1B							30	C		
J	TOKYO	9238.000	28	11	0145				RUS			F1B	157	E	54	52	N	54	30	A		
J	TOKYO	9238.000	05	12	0011				RUS			F1B	158	E	16	53	N	13	30	A		
J	TOKYO	9238.000	25	12	0612				RUS			F1B	158	E	10	53	N	10	29	B		
J	TOKYO	9239.000	11	10	0145				RUS			F1B	157	E	41	52	N	18	31	B		
J	TOKYO	9254.840	28	11	0201			SOUND OF HOPE		BC		A3E	106	E	12	47	N	55	307	B	11	MNG
J	TOKYO	9255.000	03	10	0421				CHN	BC		A3E	119	E	00	29	N	50	258	A		KOR
KOR	CRMS	9255.000	04	10	0101	0101	32.5		CHN	BC	14K8	A3E									11	
G	BALDOCK	9255.000	24	10				XI WANG ZHI SHENG?	CHN	BC	9K00E	A3E							52	B		
J	TOKYO	9255.000	24	10	1015			CHINA N.R.		BC		A3E							288	C	11	
KOR	CRMS	9255.000	02	11	0138	0138	25.0		CHN	BC	14K9	A3E									11	
J	TOKYO	9255.000	21	11	0436			CHINA N.R.		BC		A3E							246	D	11	
J	TOKYO	9255.000	28	11	0151				CHN	BC		A3E	109	E	09	19	N	50	248	B		
KOR	CRMS	9255.000	01	12	0408	0408	30.5		CHN	BC	14K8	A3E									11	
J	TOKYO	9255.000	05	12	0014				CHN	BC		A3E	119	E	19	26	N	19	248	A		
J	TOKYO	9255.000	12	12	1008			CHINA N.R.		BC		A3E	114	E	34	38	N	21	285	A	11	
J	TOKYO	9255.000	25	12	0612			CHINA N.R.		BC		A3E	119	E	46	27	N	07	250	B	11	
J	TOKYO	9255.080	17	10	0008					BC		A3E							298	C		
HNG	TARNOK	9264.986	17	10	2000	2400	28.3	WINB CALL TO WORSHIP	USA	BC	9K67	A3E									11	
J	TOKYO	9264.990	14	11	0607					BC		A3E							25	C		
G	BALDOCK	9265.000	24	10				WINB	USA	BC	9K00E	A3E							289	B		RED LION TX
HNG	TARNOK	9274.999	17	10	1300	1600	29.5	FEBC		BC	9K67	A3E									11	
HNG	TARNOK	9274.999	17	10	1700	2200	23.4	WML		BC	9K33	A3E									11	
J	TOKYO	9275.000	24	10	1017					BC		A3E							141	C		
ROU	BELCIUGATELE	9275.000	06	11	1520	1550	54.9	FEBC i-Radio Liangyou	PHL	BC	9K00	A3E							78	A		Chinese Language
ROU	BELCIUGATELE	9275.000	07	12	1318	1354	54.0	FEBC i-Radio Liangyou	PHL	BC	9K00	A3E							78	A		Bocau Chinese Language

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	9275.000	12	12	1009				PHL	BC		A3E	120	E	59	14	N	40	224	A		
G	BALDOCK	9280.000	24	10				XI WANG ZHI SHENG?	CHN	BC	9K00E	A3E							53	B		
KOR	CRMS	9280.000	09	11	0017	0017	15.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	9280.000	11	12	0016	0016	1.3		CHN	BC	14K8	A3E									11	
J	TOKYO	9280.100	07	11	0807			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9280.110	11	10	0148			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9280.110	17	10	0013			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9280.110	14	11	0608			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9280.110	21	11	0437			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9280.110	28	11	0157			SOUND OF HOPE		BC		A3E	120	E	34	23	N	30	240	B	11	TAIWAN
J	TOKYO	9280.110	05	12	0016			SOUND OF HOPE		BC		A3E	120	E	37	23	N	29	240	A	11	TAIWAN
J	TOKYO	9280.110	19	12	0753			SOUND OF HOPE		BC		A3E	120	E	50	24	N	31	239	B	11	TAIWAN
J	TOKYO	9280.110	25	12	0613			SOUND OF HOPE		BC		A3E									11	
HNG	TARNOK	9293.000	17	10	0500	0700	14.2				650H	F1B										450Hz,100Bd ITA-2
J	TOKYO	9299.930	03	10	0425			SOUND OF HOPE		BC		A3E	121	E	31	24	N	44	241	A	11	
J	TOKYO	9299.930	24	10	1024			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9299.930	07	11	0808			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9299.940	21	11	0438			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9299.940	28	11	0205			SOUND OF HOPE		BC		A3E	121	E	07	23	N	21	239	B	11	TAIWAN
J	TOKYO	9299.950	14	11	0608			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9299.950	05	12	0017			SOUND OF HOPE		BC		A3E	121	E	13	24	N	21	241	A	11	TAIWAN
J	TOKYO	9299.950	12	12	1012			SOUND OF HOPE		BC		A3E	120	E	28	23	N	45	241	A	11	TAIWAN
J	TOKYO	9299.970	19	12	0754			SOUND OF HOPE		BC		A3E	121	E	34	24	N	24	240	B	11	TAIWAN
J	TOKYO	9299.970	25	12	0614			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	9300.000	19	10	0010	0010	-5.2		CHN	BC	14K7	A3E									11	
G	BALDOCK	9300.000	24	10				?	CHN	BC	100HE	N0N							54	B		UNMODULATED
KOR	CRMS	9300.000	08	11	0759	0759	20.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	9300.000	05	12	0402	0402	18.6		CHN	BC	15K0	A3E									11	
ROU	BELCIUGATELE	9305.000	07	12	1238	1315	63.0	Radio Free Asia	TJK	BC	16K0	A3E							83	A		Dushanbe-orzu Tibetan Language
ROU	BELCIUGATELE	9310.000	18	10	1323	1345	62.8	VOA Deewa Radio	PAK	BC	9K00	A3E							90	A		Islamabad Pashto Language
ROU	BELCIUGATELE	9310.000	18	10	1348	1412	73.9	VOA Deewa Radio	PAK	BC	9K00	A3E							89	A		Islamabad Pashto Language
ROU	BELCIUGATELE	9320.000	29	11	1330	1400	48.8	KTWR GUAM	USA	BC	9K00	A3E							63	A		Korean Language
ROU	BELCIUGATELE	9320.000	07	12	1357	1400	63.2	KTWR Guam	USA	BC	9K00	A3E							63	A		Merizo Korean Language
J	TOKYO	9322.000	03	10	0429				RUS			J3E	136	E	57	50	N	37	351	A		OCE
J	TOKYO	9324.250	24	10	1026							J2B							55	C		
G	BALDOCK	9330.000	24	10				WBCQ (PORTUGUESE)	USA	BC	9K00E	A3E							288	B		MONTICELLO TX
ROU	BELCIUGATELE	9330.000	24	10	0742	0815	36.5	WBCQ World's Last Chance	USA	BC	3K30	A3E							310	A		Monticello Portuguese Language
J	TOKYO	9330.000	24	10	1030					BC		A3E										
J	TOKYO	9330.000	14	11	0609					BC		A3E							25	C		

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	9335.000	05	12	0018				PHL	BC		A3E	120	E	37	15	N	17	226	A		
G	BALDOCK	9350.000	24	10				WWCR NASHVILLE	USA	BC	9K00E	A3E							293	B		NASHVILLE TX
J	TOKYO	9370.000	11	10	0151					BC		A3E										
J	TOKYO	9370.000	24	10	1032					BC		A3E							295	C		
ROU	BELCIUGATELE	9370.000	24	10	1056	1131	33.5	Radio Farda	KWT	BC	3K00	A3E							126	A		Kuwait Persian Language
ROU	BELCIUGATELE	9370.000	29	11	1400	1430	53.6	VOA DEEWA RADIO	THA	BC	9K00	A3E							89	A		Pashto Language
ROU	BELCIUGATELE	9370.000	07	12	1400	1428	73.3	VOA Deewa Radio	THA	BC	9K00	A3E							88	A		Udon Thani Pashto Language
J	TOKYO	9380.000	11	10	0206							F1B							169	D		
G	BALDOCK	9380.000	24	10				?	CHN	BC	9K00E	A3E							65	B		
J	TOKYO	9380.000	14	11	0610				USA			F1B	144	E	52	13	N	32	168	B		GUM
J	TOKYO	9380.000	28	11	0207				USA			F1B	144	E	37	13	N	26	169	B		GUM
J	TOKYO	9380.000	05	12	0019				PHL	BC		A3E	120	E	31	15	N	23	226	A		
J	TOKYO	9380.000	19	12	0804				USA			F1B	144	E	46	13	N	30	168	A		GUM
J	TOKYO	9380.000	25	12	0615				USA			F1B	144	E	53	13	N	33	168	B		GUM
J	TOKYO	9380.010	24	10	1036							F1B							169	C		
ROU	BELCIUGATELE	9390.000	07	12	1404	1434	67.9	Radio Free Asia		BC	9K00	A3E							61	A		Tinian Island Cantonese Language
G	BALDOCK	9395.000	24	10				WRMI TRUTH TO PONDER	USA	BC	9K00E	A3E							281	B		OKEECHOBEE TX
J	TOKYO	9395.000	14	11	0610					BC		A3E							35	C		
J	TOKYO	9395.000	21	11	0440					BC		A3E							293	D		
J	TOKYO	9395.000	25	12	0616				USA			F1B	077	W	17	36	N	15	30	B		
J	TOKYO	9399.970	24	10	1040					BC		A3E							230	C		
ROU	BELCIUGATELE	9400.000	24	10	1100	1134	28.1	FEBC Radio Liangyou	PHL	BC	2K20	A3E							78	A		Iba Cantonese Language
G	BALDOCK	9400.000	05	11				FEBC R LIANGYOU	PHL	BC	9K00E	A3E							51	B		
G	BALDOCK	9400.000	06	11				OVERCOMER MINISTRY	BUL	BC	9K00E	A3E							115	B		
HNG	TARNOK	9400.001	19	10	1600	1940	44.9	TOM	BUL	BC	9K51	A3E										
HNG	TARNOK	9404.978	19	10	1400	1500	36.5	VOA	PHL	BC	8K68	A3E									3	
ROU	BELCIUGATELE	9410.000	17	10	0632	0648	44.3	BBC	G	BC	3K00	A3E							225	A		Ascension English Language
G	BALDOCK	9410.000	22	10				BBC DARI	OMA	BC	9K00E	A3E							98	A		
J	TOKYO	9410.000	24	10	1043					BC		A3E							225	C		
G	BALDOCK	9410.000	05	11				CNR 5	CHN	BC	9K00E	A3E							47	B		
G	BALDOCK	9410.000	27	11				BBC	G	BC	9K00E	A3E							192	B		
ROU	BELCIUGATELE	9410.000	07	12	1436	1454	75.6	Voice of Turkey	TUR	BC	9K00	A3E							135	A		Emirler Russian Language
HNG	TARNOK	9410.002	19	10	0500	0600	50.4	BBC	G	BC	10K0	A3E										
HNG	TARNOK	9410.004	19	10	2100	2130	49.7	VOA	G	BC	9K42	A3E										
HNG	TARNOK	9413.000	19	10	0535	2400	40.8				400H	F1B									11	CIS 36-50
F	RAMBOUILLET	9415.000	29	12	0900	1000	33.0	CRI			10K0	A3EG -								A		
J	TOKYO	9416.790	25	12	0628				RUS			F1B	132	E	16	43	N	02	322	B		
J	TOKYO	9417.000	03	10	0444				RUS			F1B	131	E	54	43	N	06	321	A		
J	TOKYO	9417.020	17	10	0024							F1B							322	C		

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	9417.030	11	10	0210							F1B							322	D		
J	TOKYO	9417.030	24	10	1046							F1B							319	C		
ROU	BELCIUGATELE	9420.000	05	10	1420	1450	42.1	CNR 13	CHN	BC	9K00	A3E							60	A		Chinese Language
J	TOKYO	9420.000	11	10	0214				CHN	BC		D7W	124	E	24	47	N	05	319	B		
HNG	TARNOK	9420.000	19	10	0600	0700	24.6				400H	F1B									11	250Hz 50Bd
HNG	TARNOK	9420.000	19	10	1100	1800	19.3	CNR	CHN	BC	11K4	A3E										
G	BALDOCK	9420.000	05	11				CNR13	CHN	BC	9K00E	A3E							46	B		
ROU	BELCIUGATELE	9420.000	07	11	1106	1136	46.2	CNR 13	CHN	BC	9K00	A3E							67	A		Lingshi Uyghur Language
F	RAMBOUILLET	9420.000	29	12	1000	1900	33.0	CNR			10K0	A3EG								A		
HNG	TARNOK	9425.000	19	10	1525	1600	44.2	KBS	KRE	BC	9K30	A3E										
G	BALDOCK	9425.000	06	11				VOICE OF KOREA	KRE	BC	9K00E	A3E							30	B		
HNG	TARNOK	9425.014	19	10	1900	1957	39.5	KBS	KRE	BC	9K33	A3E									3	
HNG	TARNOK	9425.014	19	10	2000	2050	36.2	KBS	KRE	BC	9K33	A3E									3	
HNG	TARNOK	9434.999	19	10	1400	1500	20.8	KBS	KRE	BC	11K5	A3E										
HNG	TARNOK	9435.000	19	10	1523	1800	30.9	KBS	KRE	BC	11K1	A3E										
G	BALDOCK	9435.000	05	11				VOICE OF KOREA	KRE	BC	9K00E	A3E							42	C		
HNG	TARNOK	9439.996	19	10	1800	1815	70.3	RADIO CAIRO	EGY	BC	10K0	A3E										
G	BALDOCK	9440.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							47	C		
F	RAMBOUILLET	9440.000	29	12	1000	1900	34.0	CRI			10K0	A3EG								A		
HNG	TARNOK	9440.002	19	10	0530	0600	37.3	BBC	G	BC	7K72	A3E										
HNG	TARNOK	9440.002	19	10	0630	0659	27.9	BBC	G	BC	11K2	A3E										
HNG	TARNOK	9440.002	19	10	1858	2100	42.2	CRI	CHN	BC	9K77	A3E										
HNG	TARNOK	9444.970	19	10	2100	2350	34.3	KBS	KRE	BC	10K5	A3E									3	
HNG	TARNOK	9444.999	19	10	1400	1500	30.2			BC	10K7	A3E										
F	RAMBOUILLET	9445.000	29	12	0900	1200	35.0	VOK			10K0	A3EG								A		
HNG	TARNOK	9445.005	19	10	1500	1530	38.9	AWR	UZB	BC	10K2	A3E										
J	TOKYO	9450.000	14	12	1100			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	9455.000	25	11				CNR 5	CHN	BC	9K00E	A3E							56	C		
G	BALDOCK	9460.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							61	C		
ROU	BELCIUGATELE	9465.000	05	10	1430	1500	42.6	VOICE OF AMERICA	PHL	BC	9K00	A3E							75	A		Chinese Language
G	BALDOCK	9465.000	22	10				VOICE OF TURKEY	TUR	BC	9K00E	A3E							103	A		
ROU	BELCIUGATELE	9470.000	07	11	1138	1152	43.2	CNR 13	CHN	BC	9K00	A3E							71	A		Urumqi Kazakh Language
G	BALDOCK	9470.000	25	11					RUS	ML	20K0E	P0N							57	B		
G	BALDOCK	9480.000	05	11				CNR 11	CHN	BC	9K00E	A3E							57	C		
I	ROMA	9480.000	12	12	1720		58.0	VOICE OF AMERICA	G	BC	9K00E	A3E										
G	BALDOCK	9485.000	06	11				VOICE OF AMERICA	TUN	BC	9K00E	A3E							149	B		
G	BALDOCK	9490.000	05	11				VOICE OF AMERICA	PHL	BC	9K00E	A3E							57	C		
G	BALDOCK	9495.000	06	11				ADVENTIST WORLD R	F	BC	9K00E	A3E							175	B		

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	9495.000	12	12	1720		51.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
HNG	TARNOK	9499.999	21	10	0900	1804	17.6	CNR1	CHN	BC	9K94	A3E										
G	BALDOCK	9500.000	05	11				CNR 1	CHN	BC	9K00E	A3E							56	C		
G	BALDOCK	9510.000	22	10				ADVENTIST W.R.	AUT	BC	9K00E	A3E							101	A		
G	BALDOCK	9510.000	05	11				NEXUS IBA	ROU	BC	9K00E	A3E							102	B		
G	BALDOCK	9510.000	27	11				PBS XINJIANG	CHN	BC	9K00E	A3E							52	C		
HNG	TARNOK	9510.001	21	10	0200	0300	33.0	AWR		BC	9K30	A3E										
HNG	TARNOK	9514.992	21	10	1500	1800	44.0	KBS	KOR	BC	9K26	A3E										
HNG	TARNOK	9515.000	21	10	1900	1930	55.5	CRI	CHN	BC	9K90	A3E										
G	BALDOCK	9515.000	25	11				CRN 2	CHN	BC	9K00E	A3E							48	C		
I	ROMA	9515.000	12	12	1720		21.0	KBS WORLD RADIO	KOR	BC	9K00E	A3E										
HNG	TARNOK	9520.000	21	10	1400	1427	64.5	RRO	ROU	BC	9K48	A3E										
ROU	BELCIUGATELE	9520.000	02	11	1215	1245	53.7	PBS NEI MENGGU (CNR 1)	CHN	BC	9K00	A3E							77	A		Chinese Language
G	BALDOCK	9520.000	05	11				CNR 2	CHN	BC	9K00E	A3E							64	C		
ROU	BELCIUGATELE	9520.000	07	11	1209	1247	72.4	China Radio International	CHN	BC	9K00	A3E							72	A		Urumqi Hutubi Chinese Language
HNG	TARNOK	9524.999	21	10	1900	2057	55.3	CRI	CHN	BC	9K94	A3E										
HNG	TARNOK	9525.001	21	10	1500	1600	37.3	RFE	TUR	BC	9K94	A3E										
KOR	CRMS	9530.000	04	10	0106	0106	39.6	CNR	CHN	BC	14K7	A3E									3	
HNG	TARNOK	9530.001	21	10	0000	0200	27.8	CNR11	CHN	BC	18K0E	A3E										
HNG	TARNOK	9534.995	21	10	2000	2100	54.1	RFA	USA	BC	9K84	A3E										
HNG	TARNOK	9534.999	21	10	1900	1957	29.6	CRI	CHN	BC	9K01	A3E										
HNG	TARNOK	9535.000	21	10	1500	1757	29.4	CRI	CHN	BC	9K91	A3E										
G	BALDOCK	9535.000	06	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							42	B		
KOR	CRMS	9540.000	25	10	0237	0237	24.8	FEC	UAE	BC	14K9	A3E									3	
G	BALDOCK	9540.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							67	C		
ROU	BELCIUGATELE	9540.000	07	11	1249	1341	51.1	China Radio International	CHN	BC	9K00	A3E							84	A		Kunming-anning Chinese Language
I	ROMA	9540.000	12	12	1720		18.0	IBRA MEDIA/RADIO IBR	UAE	BC	9K00E	A3E										
HNG	TARNOK	9540.004	21	10	1400	1455	54.2	VOT	TUR	BC	8K82	A3E										
HNG	TARNOK	9549.997	21	10	1100	1657	26.1	CRI	CHN	BC	9K83	A3E										
HNG	TARNOK	9549.999	21	10	1700	1900	28.0	BBC	OMA	BC	9K76	A3E										
G	BALDOCK	9550.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							52	C		
HNG	TARNOK	9550.002	21	10	0000	0157	21.1	CRI	CHN	BC	18K0E	A3E										
G	BALDOCK	9555.000	05	11				CNR 1	CHN	BC	9K00E	A3E							57	C		
G	BALDOCK	9560.000	27	11				PBS XINJIANG	CHN	BC	9K00E	A3E							54	C		
I	ROMA	9560.000	12	12	1720		19.0	NHKWORLD RADIO JAPAN	J	BC	9K00E	A3E										
G	BALDOCK	9565.000	25	11				R. MARTI	USA	BC	9K00E	A3E							286	B		
I	ROMA	9570.000	12	12	1720		24.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
G	BALDOCK	9585.000	25	11					RUS	FL	20K0E	P0N							60	B		
G	BALDOCK	9590.000	22	10				THAZIN RADIO	CHN	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
J	TOKYO	9590.000	26	10	2200			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	9590.000	02	11	1210	1240	46.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							64	A		Russian Language
G	BALDOCK	9590.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							50	C		
ROU	BELCIUGATELE	9590.000	07	11	1206	1242	68.9	China Radio International	CHN	BC	12K0	A3E							65	A		Shijiazhuang Russian Language
G	BALDOCK	9600.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							67	C		
HNG	TARNOK	9600.001	23	10	0000	0100	31.8	VOA	PHL	BC	9K73	A3E										
HNG	TARNOK	9600.001	23	10	1100	1400	16.8	PBS	CHN	BC	11K1	A3E										
HNG	TARNOK	9600.001	23	10	1800	1857	56.3	CRI	CHN	BC	10K2	A3E										
HNG	TARNOK	9600.001	23	10	1958	2158	69.4	CRI	CHN	BC	9K68	A3E										
HNG	TARNOK	9600.002	23	10	0200	0600	24.3	CRI	CHN	BC	9K95	A3E										
HNG	TARNOK	9604.999	23	10	1557	1757	53.6	CRI	CHN	BC	10K0	A3E										
ROU	BELCIUGATELE	9605.000	07	11	1420	1500	49.5	Voice of America	PHL	BC	9K00	A3E							80	A		Tinang Chinese Language
G	BALDOCK	9610.000	05	11				KSDA WORLD R GUAM	USA	BC	9K00E	A3E							49	C		
G	BALDOCK	9610.000	25	11				CNR 8	CHN	BC	9K00E	A3E							31	B		
KOR	CRMS	9610.000	21	12	0203	0203	29.4		CHN	BC	15K0	A3E									6	
HNG	TARNOK	9610.001	23	10	0000	0157	26.5	CRI	CHN	BC	9K92	A3E										
HNG	TARNOK	9610.001	23	10	0100	0600	15.2	CNR8	CHN	BC	9K98	A3E										
HNG	TARNOK	9610.001	23	10	1000	1157	15.1	RADIO TAIWAN INT.	CHN	BC	11K6	A3E										
HNG	TARNOK	9610.001	23	10	1458	1557	33.6	CRI	CHN	BC	10K0	A3E										
HNG	TARNOK	9619.997	23	10	0000	0500	20.9	CNR2	CHN	BC	9K97	A3E										
G	BALDOCK	9620.000	05	11				CNR 6	CHN	BC	9K00E	A3E							53	C		
G	BALDOCK	9620.000	06	11				ALL INDIA RADIO	IND	BC	9K00E	A3E							95	B		
I	ROMA	9620.000	12	12	1720		33.0	ALL INDIA RADIO	IND	BC	9K00E	A3E										
HNG	TARNOK	9620.004	23	10	1559	2030	58.9	AIR	IND	BC	9K50	A3E										
HNG	TARNOK	9629.992	23	10	0000	0600	28.6	CNR1	CHN	BC	9K81	A3E										
HNG	TARNOK	9630.000	23	10	1200	1804	25.5	CNR 17	CHN	BC	11K4	A3E										
HNG	TARNOK	9630.000	23	10	1950	2020	59.0				20K0E	F0N										OTHR
G	BALDOCK	9630.000	05	11				CNR 1	CHN	BC	9K00E	A3E							53	C		
HNG	TARNOK	9635.000	23	10	0000	0500	17.4	VOV	VTN	BC	9K95	A3E										
HNG	TARNOK	9639.974	23	10	1700	1730	38.1	IRB	IRN	BC	11K2	A3E									3	
G	BALDOCK	9640.000	25	11				CHN INT RADIO	CHN	BC	9K00E	A3E							71	C		
HNG	TARNOK	9640.001	23	10	2100	2300	73.4	CRI	CHN	BC	11K8	A3E										
HNG	TARNOK	9645.000	23	10	0000	0600	21.2	CNR2	CHN	BC	9K89	A3E										
HNG	TARNOK	9645.000	23	10	1100	1257	33.0	CRI	CHN	BC	11K6	A3E										
G	BALDOCK	9645.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							51	C		
HNG	TARNOK	9645.002	23	10	1830	2027	42.1	CRI	CHN	BC	10K0	A3E										
HNG	TARNOK	9650.000	23	10	1500	1600	40.8	RADIO SAUDI	ARS	BC	10K2	A3E										
J	TOKYO	9650.000	26	10	2147			V.O. KOREA	KRE	BC		A3E										
G	BALDOCK	9650.000	05	11				VOICE OF KOREA	KRE	BC	9K00E	A3E							47	C		

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	9650.000	14	12	0716			V.O. KOREA	KRE	BC		A3E										
G	BALDOCK	9655.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							72	C		
G	BALDOCK	9665.000	22	10				R.VOZ MISSIONARIA	B	BC	9K00E	A3E							219	A		
G	BALDOCK	9665.000	06	11				R VOZ MISSIONARIA		BC	9K00E	A3E							37	C		
G	BALDOCK	9665.000	06	11				NHK RADIO JAPAN	J	BC	9K00E	A3E							37	C		
ROU	BELCIUGATELE	9670.000	02	10	1130	1211	43.4	The Overcomer Ministry	D	BC	9K00	A3E							295	A		Rohrbach Wall
ROU	BELCIUGATELE	9670.000	04	10	0845	0905	45.0	The Overcomer Ministry	D	BC	9K00	A3E							300	A		Rohrbach Wall
ROU	BELCIUGATELE	9670.000	20	10	0901	0957	40.6	The Overcomer Ministry	D	BC	9K00	A3E							298	A		Rohrbach Waal English Language
G	BALDOCK	9670.000	05	11				RADIO SATION INT 6	D	BC	9K00E	A3E							110	B		
I	ROMA	9670.000	27	11	1124	1131	26.0	THE OVERCOMER MINIST	D	BC	9K00E	A3E							356	A		ENG
ROU	BELCIUGATELE	9670.000	08	12	0726	0810	42.0	The Overcomer Ministry	D	BC	9K00	A3E							299	A		Rohrbach Wall English Language
ROU	BELCIUGATELE	9680.000	02	11	1200	1230	48.6	CNR 13	CHN	BC	9K00	A3E							71	A		Chinese Language
G	BALDOCK	9685.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							64	C		
KOR	CRMS	9685.000	13	12	0607	0607	3.9	CNR	CHN	BC	14K8	A3E									3	
ROU	BELCIUGATELE	9690.000	18	10	1146	1149	47.6	NHK World Radio Japan	J	BC	9K00	A3E							52	A		Ibaragi-koga-yamata Chinese Language
G	BALDOCK	9690.000	06	11				R EXT DE ESPANA	E	BC	9K00E	A3E							184	C		
ROU	BELCIUGATELE	9695.000	23	11	1425	1450	54.7	R. Saudi International	ARS	BC	2K40	A3E							133	A		Riyadh Pashto Language
J	TOKYO	9695.000	14	12	2300			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	9699.982	25	10	1651	1958	40.5	RNZ	NZL	BC	10K0E	A3E									3	
I	ROMA	9700.000	13	10	0729		12.0	MUSIC	F	FX	6K00E	J3E							316	A	3	USB
G	BALDOCK	9700.000	22	10				R. ROMANIA INT	ROU	BC	9K00E	A3E							97	A		
G	BALDOCK	9700.000	27	11				VOICE OF TURKEY	TUR	BC	9K00E	A3E							105	A		
HNG	TARNOK	9704.982	25	10	1330	1458	26.5	FURUSATO NO KAZE	CHN	BC	10K0E	A3E									3	
ROU	BELCIUGATELE	9705.000	23	11	1127	1230	53.1	PBS Xinjiang	CHN	BC	9K00	A3E							50	A		
ROU	BELCIUGATELE	9705.000	05	12	1100	1130	50.5	PBS Xinjiang	CHN	BC	9K00	A3E							71	A		Urumqi Kyrgyz Language
HNG	TARNOK	9705.002	25	10	1959	2057	56.0	VAT	CVA	BC	9K80	A3E										
HNG	TARNOK	9705.003	25	10	1005	1230	15.1	PBS	CHN	BC	18K6	A3E										
HNG	TARNOK	9705.004	25	10	0305	0500	35.3	PBS	CHN	BC	18K6	A3E										
HNG	TARNOK	9710.000	25	10	1100	1804	18.7	CNR1	CHN	BC	10K0E	A3E										
HNG	TARNOK	9710.000	25	10	2100	2400	18.8	RHC	CUB	BC	10K0E	A3E										
G	BALDOCK	9710.000	05	11				CNR 1	CHN	BC	9K00E	A3E							55	C		
G	BALDOCK	9710.000	27	11				VATICAN RADIO	CVA	BC	9K00E	A3E							112	C		
I	ROMA	9710.000	12	12	1720		50.0	VATICAN RADIO	CVA	BC	9K00E	A3E										
HNG	TARNOK	9710.005	25	10	1600	1720	72.2	VAT	CVA	BC	9K60	A3E										
HNG	TARNOK	9719.946	25	10	1730	1800	30.9	NIPPON NO KAZE	UZB	BC	10K0E	A3E									3	
HNG	TARNOK	9719.946	25	10	1800	1830	26.9	FURUSATO NO KAZE	CHN	BC	10K0E	A3E									3	
HNG	TARNOK	9719.995	25	10	1859	2000	54.8	RFA	USA	BC	19K6	A3E										
ROU	BELCIUGATELE	9720.000	23	11	1454	1457	56.3	Radio Free Asia	USA	BC	9K00	A3E							80	A		Agignan Point
ROU	BELCIUGATELE	9720.000	23	11	1459	1537	72.3	China Radio International	CHN	BC	12K0	A3E							70	A		Urumqi Hutubi 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	9720.000	27	11	1433	1457	54.6	Radio Free Asia	USA	BC	9K00	A3E							63	A		Agignan Point
ROU	BELCIUGATELE	9720.000	27	11	1458	1514	72.6	China Radio International	CHN	BC	12K0	A3E							71	A		Urumqi Hutubi English Language
HNG	TARNOK	9720.002	25	10	2030	2100	59.3	CRI	CHN	BC	10K4	A3E										
HNG	TARNOK	9729.960	25	10	1553	1700	46.0	CRI	CHN	BC	12K4	A3E									3	
HNG	TARNOK	9729.963	25	10	1800	2200	54.9	VOV	VTN	BC	15K6	A3E									3	
HNG	TARNOK	9729.999	25	10	1100	1200	15.6	NLS	USA	BC	10K0E	A3E										
HNG	TARNOK	9729.999	25	10	1200	1400	20.9	CRI	CHN	BC	10K0	A3E										
KOR	CRMS	9730.000	06	10	0501	0501	52.3		KRE	BC	14K8	A3E									6	
G	BALDOCK	9730.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							60	C		
KOR	CRMS	9730.000	13	11	0524	0524	25.4		KRE	BC	14K7	A3E									6	
G	BALDOCK	9730.000	25	11				VOICE OF VIETNAM	VTN	BC	9K00E	A3E							56	B		
KOR	CRMS	9730.000	06	12	0613	0613	37.9		KRE	BC	14K8	A3E									6	
HNG	TARNOK	9730.003	25	10	0220	0320	38.5	MYAMAR RADIO	BRM	BC	9K65	A3E										
J	TOKYO	9732.000	07	11	0816				RUS			F1B	132	E	56	43	N	03	325	B		
J	TOKYO	9732.000	28	11	0211				RUS			F1B	132	E	12	43	N	27	324	B		
HNG	TARNOK	9734.999	25	10	1200	1258	15.9	RADIO TAIWAN INT.	CHN	BC	10K0E	A3E										
G	BALDOCK	9735.000	05	11				R TAIWAN INT	CHN	BC	9K00E	A3E							54	C		
HNG	TARNOK	9739.994	25	10	1600	1800	36.5	KBS W.R.	KOR	BC	9K20	A3E										
HNG	TARNOK	9739.998	25	10	1300	1400	15.1	NLS	USA	BC	10K0E	A3E										
HNG	TARNOK	9739.999	25	10	1400	1457	36.6	CRI	CHN	BC	10K4	A3E										
HNG	TARNOK	9740.000	25	10	1100	1158	14.8	RADIO TAIWAN INT.	CHN	BC	9K10	A3E										
I	ROMA	9740.000	12	12	1720		23.0	KBS WORLD RADIO	KOR	BC	9K00E	A3E										
G	BALDOCK	9745.000	06	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							39	C		
G	BALDOCK	9745.000	25	11				CNR 7	CHN	BC	9K00E	A3E							71	C		
HNG	TARNOK	9745.001	25	10	1927	2030	48.1	CRI	CHN	BC	15K0	A3E										
HNG	TARNOK	9745.002	25	10	2055	2400	36.1	CNR7	CHN	BC	18K6	A3E										
HNG	TARNOK	9749.999	25	10	0755	1400	14.7	NHK	J	BC	8K00	A3E										
ROU	BELCIUGATELE	9750.000	18	10	1201	1251	48.4	NHK World Radio Japan	J	BC	9K00	A3E							51	A		Ibaragi-koga-yamata Japanese Language
ROU	BELCIUGATELE	9750.000	02	11	1240	1310	34.2	PBS NEI MENGGU	CHN	BC	9K00	A3E							52	A		Mongolian Language
G	BALDOCK	9750.000	05	11				PBS NEI MENGGU	CHN	BC	9K00E	A3E							48	C		
J	TOKYO	9750.000	21	11	0419					BC		A3E							291	D		
ROU	BELCIUGATELE	9750.000	08	12	0811	0844	40.5	NHK World Radio Japan	J	BC	9K00	A3E							53	B		Rohrbach Wall English Language
HNG	TARNOK	9750.007	25	10	1759	1830	36.6	BBC	CVA	BC	9K70	A3E										
G	BALDOCK	9755.000	05	11				CNR 2	CHN	BC	9K00E	A3E							57	C		
G	BALDOCK	9760.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							62	C		
G	BALDOCK	9760.000	06	11				ADVENTIST WORLD R	CLN	BC	9K00E	A3E							95	B		
G	BALDOCK	9765.000	25	11				W CHRIST BRODC.KNLS	MDG	BC	9K00E	A3E							131	B		
G	BALDOCK	9770.000	06	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							40	C		
J	TOKYO	9770.000	21	11	0446				KRE				126	E	35	39	N	37	294	B		

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	9775.000	05	11				CNR 2	CHN	BC	9K00E	A3E							48	C		
G	BALDOCK	9780.000	05	11				CNR 2	CHN	BC	9K00E	A3E							60	C		
G	BALDOCK	9780.000	06	11				R ROMANIA INT	ROU	BC	9K00E	A3E							253	C		
G	BALDOCK	9780.000	25	11				PBS QINGHAI	CHN	BC	9K00E	A3E							55	B		
ROU	BELCIUGATELE	9785.000	02	11	1500	1530	58.0	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							71	A		English Language
G	BALDOCK	9790.000	25	11				R FRANCE INT	F	BC	9K00E	A3E							167	B		
HNG	TARNOK	9799.994	27	10	1300	1500	33.8	CRI	CHN	BC	9K96	A3E										
HNG	TARNOK	9799.996	27	10	0100	0200	40.7	RFA	TJK	BC	9K98	A3E										
HNG	TARNOK	9800.000	27	10	0000	0057	42.1	CRI	CHN	BC	9K32	A3E										
G	BALDOCK	9800.000	06	11				VOICE OF AMERICA	PHL	BC	9K00E	A3E							45	C		
HNG	TARNOK	9809.999	27	10	1300	1800	21.2	CNR	CHN	BC	9K46	A3E										
HNG	TARNOK	9810.001	27	10	0100	0600	12.7	CNR2	CHN	BC	9K98	A3E										
HNG	TARNOK	9810.006	27	10	0000	0100	20.6	AWR	CLN	BC	9K86	A3E										
HNG	TARNOK	9819.999	27	10	1100	1606	17.0	CNR	CHN	BC	13K6	A3E										
ROU	BELCIUGATELE	9820.000	02	11	1520	1550	70.3	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							70	A		Chinese Language
G	BALDOCK	9820.000	05	11				VO BEIBU BAY RADIO	CHN	BC	9K00E	A3E							50	C		
G	BALDOCK	9820.000	25	11				CNR 2	CHN	BC	9K00E	A3E							52	B		
HNG	TARNOK	9820.001	27	10	0000	2400	17.5	RADIO 9 DE JULHO	B	BC	9K94	A3E										
G	BALDOCK	9825.000	05	11				VOICE OF AMERICA	CHN	BC	9K00E	A3E							49	C		
ROU	BELCIUGATELE	9825.000	20	12	1140	1210	48.9	Voice of America	PHL	BC	9K00	A3E							68	A		Chinese language
HNG	TARNOK	9825.001	27	10	0200	0257	26.3	CRI	CHN	BC	9K92	A3E										
HNG	TARNOK	9829.999	27	10	1300	1357	25.6	DWL	STP	BC	10K9	A3E										
HNG	TARNOK	9830.000	27	10	0000	0100	20.0	CNR1	CHN	BC	9K93	A3E										
HNG	TARNOK	9835.000	27	10	1100	1200	14.6	PBS	CHN	BC	9K32	A3E										
ROU	BELCIUGATELE	9835.000	02	11	1530	1600	60.0	VOA RADIO ASHNA	G	BC	9K00	A3E							305	A		Dari Language
J	TOKYO	9835.000	07	11	0818				CHN			A1A	126	E	56	45	N	54	319	B		
HNG	TARNOK	9835.001	27	10	0257	0800	15.5	PBS XINJIANG	CHN	BC	9K87	A3E										
J	TOKYO	9839.960	14	12	1100			V.O. VIETNAM	VTN	BC		A3E										
J	TOKYO	9839.970	14	12	1330			V.O. VIETNAM	VTN	BC		A3E										
HNG	TARNOK	9839.993	27	10	0100	0300	39.8	VOA	UAE	BC	9K29	A3E										
HNG	TARNOK	9839.993	27	10	0300	0400	38.7	VOA	KWT	BC	9K29	A3E										
G	BALDOCK	9840.000	22	10				VOA DEEWA RADIO	UAE	BC	9K00E	A3E							102	B		
G	BALDOCK	9840.000	05	11				VOICE OF VIETNAM	VTN	BC	9K00E	A3E							61	C		
HNG	TARNOK	9844.959	27	10	1900	2000	51.4	NLS	MDG	BC	9K89	A3E									3	
HNG	TARNOK	9844.999	27	10	1200	1800	21.7	CNR	CHN	BC	9K83	A3E										
G	BALDOCK	9845.000	05	11				CNR 1	CHN	BC	9K00E	A3E							41	C		
KOR	CRMS	9850.000	11	10	0805	0805	-6.6	CNR	CHN	BC	14K8	A3E									3	
KOR	CRMS	9850.000	17	10	0451	0451	1.6	VOV	VTN	BC	15K0	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	9850.000	23	10	0118	0118	11.0		CHN	BC	14K9	A3E									6	
G	BALDOCK	9850.000	05	11				PBS QINGHAI	CHN	BC	9K00E	A3E							52	C		
KOR	CRMS	9850.000	08	11	0801	0801	34.2	CNR	CHN	BC	14K3	A3E									3	
KOR	CRMS	9850.000	14	11	0411	0411	-10.2		CHN	BC	14K9	A3E									6	
KOR	CRMS	9850.000	01	12	0411	0411	34.8		CHN	BC	14K9	A3E									6	
KOR	CRMS	9850.000	08	12	0403	0403	30.1	CNR	CHN	BC	14K7	A3E									3	
HNG	TARNOK	9850.001	27	10	0000	0600	21.3	PBS QINGHAI		BC	9K90	A3E										
HNG	TARNOK	9850.001	27	10	0300	0357	40.1	RRO	ROU	BC	9K98	A3E										
G	BALDOCK	9855.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							48	C		
G	BALDOCK	9860.000	05	11				CNR 1	CHN	BC	9K00E	A3E							47	C		
ROU	BELCIUGATELE	9860.000	28	12	1240	1310	37.9	CNR 1 Voice of China	CHN	BC	9K00	A3E							63	A		Chinese language
J	TOKYO	9863.840	11	10	0220							F1B										
G	BALDOCK	9865.000	22	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							55	B		
G	BALDOCK	9870.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							46	C		
ROU	BELCIUGATELE	9870.000	06	11	1410	1440	63.5	KTWR GUAM	USA	BC	9K00	A3E							65	A		Korean Language
J	TOKYO	9880.000	26	10	0800			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	9880.000	05	11				CHINA INT RADIO	CHN	BC	9K00E	A3E							66	C		
KOR	CRMS	9880.000	09	11	0021	0021	54.7		THA	BC	14K5	A3E									6	
KOR	CRMS	9880.000	04	12	0024	0024	57.5		THA	BC	12K2	A3E									6	
J	TOKYO	9880.000	14	12	0800			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	9885.000	17	10	0620	0629	67.8	Voice of America	G	BC	9K00	A3E							304	A		Woofferton French Language
G	BALDOCK	9885.000	25	11				ADVENTIST WORLD R	CLN	BC	9K00E	A3E							89	B		
G	BALDOCK	9885.000	27	11				VOICE OF AMERICA	STP	BC	9K00E	A3E							173	B		
I	ROMA	9885.000	12	12	1725		23.0	R.SAUDI INTERNATIONAL	ARS	BC	9K00E	A3E										
G	BALDOCK	9890.000	06	11				BBC	MDG	BC	9K00E	A3E							134	C		
ROU	BELCIUGATELE	9890.000	20	12	1130	1200	34.1	CNR 13	CHN	BC	9K00	A3E							61	A		Uyghur language
G	BALDOCK	9895.000	27	11				R FARDA	D	BC	9K00E	A3E							92	B		
HNG	TARNOK	9899.994	29	10	1600	1700	55.0			BC	10K0E	A3E									11	
HNG	TARNOK	9900.000	29	10	1443	1500	44.1			BC	9K60	A3E									11	
G	BALDOCK	9900.000	05	11				R FREE ASIA	CHN	BC	9K00E	A3E							48	C		
ROU	BELCIUGATELE	9900.000	06	11	1420	1450	72.0	KTWR GUAM	USA	BC	9K00	A3E							65	A		Uyghur Language
G	BALDOCK	9900.000	21	11				Radio Cairo	EGY	BC	37K0E	A3E							122	A		
HNG	TARNOK	9900.001	29	10	2200	2400	36.7	R.TAIWAN INT.	CHN	BC	10K4	A3E									11	
HNG	TARNOK	9900.002	29	10	1200	1400	22.0	RFA	CHN	BC	9K40	A3E									11	
HNG	TARNOK	9900.226	29	10	2000	2119	60.9			BC	10K0E	A3E									11	
G	BALDOCK	9906.000	25	11					EGY	MO	1K80E	F1B							122	B		CODAN
HNG	TARNOK	9910.000	29	10	1100	1400	26.6			BC	8K80	A3E									11	
HNG	TARNOK	9910.000	29	10	1630	2000	71.6	RFA	USA	BC	9K80	A3E									11	
I	ROMA	9910.000	27	11	1112	1120	18.0	SOH XI WANG ZHI SHEN	CHN	BC	9K00E	A3E							53	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	9912.300	07	11	0825				SLM			J2D	158	E	58	08	S	37	155	B		
J	TOKYO	9912.400	19	12	0810				F			J2D	165	E	40	21	S	31	153	A		NCL
ROU	BELCIUGATELE	9915.000	17	10	0639	0659	34.8	BBC	G	BC	3K00	A3E							225	A		Ascension English Language
J	TOKYO	9919.880	25	12	0635			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9919.890	19	12	0814			SOUND OF HOPE		BC		A3E	121	E	20	24	N	51	242	B	11	TAIWAN
J	TOKYO	9919.900	17	10	0027			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	9919.900	14	11	0625			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9919.900	21	11	0447			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9919.900	28	11	0215			SOUND OF HOPE		BC		A3E	120	E	26	23	N	23	240	B	11	TAIWAN
HNG	TARNOK	9919.904	29	10	2200	2300	15.4	SOH XI WANG	CHN	BC	10K0E	A3E									11	
J	TOKYO	9919.910	12	12	1030			SOUND OF HOPE		BC		A3E	120	E	19	23	N	00	239	A	11	TAIWAN
J	TOKYO	9919.920	03	10	0449			SOUND OF HOPE		BC		A3E	121	E	23	23	N	02	239	A	11	TAIWAN
J	TOKYO	9919.920	11	10	0222			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9919.920	24	10	1050			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9919.920	07	11	0826			SOUND OF HOPE		BC		A3E	120	E	43	23	N	22	240	B	11	
HNG	TARNOK	9919.985	29	10	1200	1600	17.6	FEBC	PHL	BC	10K0E	A3E									11	
KOR	CRMS	9920.000	04	10	0127	0127	23.2		CHN	BC	15K0	A3E									11	
KOR	CRMS	9920.000	01	11	0809	0809	26.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	9920.000	01	12	0411	0411	25.1		CHN	BC	15K0	A3E									11	
G	BALDOCK	9922.000	05	11					F	ML	3K00E	G1D							128	B		
HNG	TARNOK	9922.500	29	10	0700	0925	44.4				3K00	G1D										STANAG4285
HNG	TARNOK	9925.003	29	10	1730	1930	30.2			BC	10K0E	A3E									11	
HNG	TARNOK	9929.901	29	10	1330	1359	33.9	VOICE OF MARTYRS	UZB	BC	10K2	A3E									11	
G	BALDOCK	9930.000	05	11				VOICE OF MARTYRS	UZB	BC	9K00E	A3E							76	B		
HNG	TARNOK	9939.995	29	10	1500	1600	46.7	RFA	KWT	BC	19K0	A3E									11	
J	TOKYO	9940.000	24	10	1051			CHINA N.R.		BC		A3E							276	C	11	
HNG	TARNOK	9940.000	29	10	1430	1500	27.7	FEBC	PHL	BC	10K0E	A3E									11	
HNG	TARNOK	9940.002	29	10	2100	2200	45.4			BC	10K2	A3E									11	
ROU	BELCIUGATELE	9940.500	28	12	1520	1550	51.6	R.FREE ASIA	USA	BC	9K00	A3E							73	A		Chinese Language
HNG	TARNOK	9949.816	29	10	1230	1500	21.1	AIR	IND	BC	10K0E	A3E									11	
ROU	BELCIUGATELE	9950.000	25	10	1400	1430	62.2	ALL INDIA RADIO	IND	BC	9K00	A3E							111	A		Dari Language
HNG	TARNOK	9950.000	29	10	1658	2000	46.2			BC	18K0	A3E									11	
G	BALDOCK	9950.000	05	11				ALL INDIA RADIO	IND	BC	9K00E	A3E							87	B		
ROU	BELCIUGATELE	9950.000	06	11	1430	1500	76.2	ALL INDIA RADIO	USA	BC	9K00	A3E							110	A		Dari Language
HNG	TARNOK	9955.001	29	10	0700	2400	15.6	WRMI	USA	BC	10K0E	A3E									11	
HNG	TARNOK	9957.000	29	10	1305	1310	23.4				100H	A1B										
J	TOKYO	9960.000	14	11	0626					BC		A3E							154	C		
J	TOKYO	9960.000	25	12	0636					BC		A3E										
J	TOKYO	9965.000	07	11	0827			T8WH-HOPE R.		BC		A3E	134	E	20	07	N	33	194	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	9965.000	19	12	0819			T8WH-HOPE R.		BC		A3E	134	E	33	07	N	31	193	A	11	
HNG	TARNOK	9968.000	29	10	1110	1115	23.3				100H	A1B										
J	TOKYO	9969.970	03	10	0451			SOUND OF HOPE		BC		A3E	121	E	10	24	N	55	242	A	11	TAIWAN
J	TOKYO	9969.970	11	10	0223			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9969.970	17	10	0029			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	9969.970	24	10	1054			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9969.970	14	11	0627			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9969.970	28	11	0216			SOUND OF HOPE		BC		A3E	121	E	29	24	N	38	241	B	11	TAIWAN
J	TOKYO	9969.980	21	11	0450			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9969.980	25	12	0637			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	9970.000	04	10	0128	0128	19.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	9970.000	03	11	0455	0455	18.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	9970.000	01	12	0411	0411	25.9		CHN	BC	14K9	A3E									11	
HNG	TARNOK	9975.000	29	10	1215	1341	26.9	KTWR GUAM	USA	BC	9K80	A3E									11	
ROU	BELCIUGATELE	9975.000	28	12	1300	1330	54.5	KTWR GUAM THE WORD TODAY	USA	BC	9K00	A3E							60	A		Chinese language
HNG	TARNOK	9975.002	29	10	1630	1730	53.3			BC	11K8	A3E									11	
G	BALDOCK	9980.000	25	11				OVERCOMER MINISTRY	USA	BC	9K00E	A3E							277	B		
HNG	TARNOK	9980.002	29	10	2049	2259	20.9	WWCR	USA	BC	9K60	A3E									11	
J	TOKYO	9982.200	25	12	0640				USA			F3C	155	W	27	19	N	47	87	B		HWA
J	TOKYO	9982.500	14	11	0628				USA			F3C	157	W	54	21	N	24	87	B		HWA
J	TOKYO	9982.500	19	12	0821			KVM70				F3C	158	W	02	21	N	19	87	B		
J	TOKYO	9984.890	14	11	0628			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9984.990	12	12	1033			CHINA N.R.		BC		A3E	108	E	41	18	N	53	247	A	11	
J	TOKYO	9985.000	03	10	0453				CHN	BC		A3E	119	E	10	26	N	43	250	A		
KOR	CRMS	9985.000	04	10	0128	0128	34.6		CHN	BC	14K7	A3E									11	
J	TOKYO	9985.000	11	10	0224			CHINA N.R.		BC		A3E							250	D	11	
J	TOKYO	9985.000	17	10	0032					BC		A3E							329	C		
J	TOKYO	9985.000	24	10	1054			CHINA N.R.		BC		A3E							250	C	11	
HNG	TARNOK	9985.000	29	10	1100	1200	17.2			BC	8K70	A3E									11	
KOR	CRMS	9985.000	01	11	0809	0809	58.1		CHN	BC	14K7	A3E									11	
G	BALDOCK	9985.000	05	11				VOICE OF AMERICA	USA	BC	9K00E	A3E							46	C		
J	TOKYO	9985.000	21	11	0451			CHINA N.R.		BC		A3E							248	D	11	
KOR	CRMS	9985.000	01	12	0412	0412	43.9		CHN	BC	14K2	A3E									11	
KOR	CRMS	9985.000	07	12	0040	0040	47.8		CHN	BC	15K0	A3E									6	
J	TOKYO	9985.000	25	12	0640			CHINA N.R.		BC		A3E	118	E	47	26	N	23	250	B	11	
HNG	TARNOK	9989.977	29	10	2100	2200	40.0			BC	10K0	A3E									11	
HNG	TARNOK	9989.998	29	10	0900	1000	14.3			BC	10K0E	A3E									11	
HNG	TARNOK	9989.998	29	10	1200	1230	28.8	IBB/R FARDA		BC	12K0E	A3E									11	
HNG	TARNOK	9990.000	29	10	1230	1900	35.1	RFA	USA	BC	10K2	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
G	BALDOCK	9990.000	05	11				R FARDA	THA	BC	9K00E	A3E							70	B		
ROU	BELCIUGATELE	9990.000	28	12	1310	1340	60.8	R. FARDA	THA	BC	9K00	A3E							89	A		Persian language
J	TOKYO	9996.500	11	10	0228														292	D		
J	TOKYO	9996.500	28	11	0219				KRE			J2B	126	E	38	38	N	58	291	A		
J	TOKYO	9996.510	14	11	0629				KRE				126	E	50	39	N	58	297	B		
J	TOKYO	10000.000	03	10	0459			WWVH		SS		AXW										
J	TOKYO	10000.000	03	10	0459			BPM		SS		AXW										
J	TOKYO	10000.000	11	10	0228			BPM		SS		AXW										
J	TOKYO	10000.000	17	10	0059			BPM		SS		AXW							278	C		
J	TOKYO	10000.000	24	10	1059			WWVH		SS		AXW							145	C		
J	TOKYO	10000.000	24	10	1059			BPM		SS		AXW							278	C		
J	TOKYO	10000.000	07	11	0829			BPM		SS		AXW	109	E	16	34	N	46	276	B		
J	TOKYO	10000.000	07	11	0829			WWVH		SS		AXW	155	W	40	19	N	32	88	B		
J	TOKYO	10000.000	14	11	0629			WWVH		SS		AXW										
J	TOKYO	10000.000	14	11	0629			BPM		SS		AXW										
J	TOKYO	10000.000	21	11	0504			WWVH		SS		AXW										
J	TOKYO	10000.000	21	11	0504			BPM		SS		AXW										
G	BALDOCK	10000.000	27	11				WWVH	USA	BC	9K00E	A3E							336	B		
J	TOKYO	10000.000	28	11	0221			WWVH		SS		AXW							90	C		
J	TOKYO	10000.000	28	11	0221			BPM		SS		AXW	109	E	41	34	N	48	277	B		
J	TOKYO	10000.000	04	12	2359			BPM		SS		AXW										
J	TOKYO	10000.000	12	12	1029			BPM		SS		AXW										
J	TOKYO	10000.000	19	12	0825			BPM		SS		AXW	109	E	19	34	N	38	276	B		
J	TOKYO	10000.000	19	12	0825			WWVH		SS		AXW										
J	TOKYO	10000.000	25	12	0629			BPM		SS		AXW										
J	TOKYO	10000.000	25	12	0629			WWVH		SS		AXW										
I	ROMA	10009.000	05	12	1523	1525	8.0	GW0***	G	AT	100HE	A1A							315	A		
I	ROMA	10016.500	05	12	1515		2.0			FX	2K70E	J3E							98	A		LSB
I	ROMA	10018.000	05	12	1526		2.0	MUMBAI RADIO	IND	FA		J3E										ATC
J	TOKYO	10027.000	14	11	0640			MOLOKAI		FA		J2D										
J	TOKYO	10027.000	21	11	0508			MOLOKAI		FA		J2D										
HNG	TARNOK	10046.000	31	10	0320	0335	5.9				20K0E	F0N										OTHR
HNG	TARNOK	10051.000	31	10	0450	1200	15.0	VOLMET		SM	2K70	J3E										USB
I	ROMA	10051.000	03	11	1050		2.0	GANDER RADIO	CAN	FA	2K70E	J3E										VOLMET
I	ROMA	10051.000	05	12	1520		2.0	GANDER	CAN	FA	2K70E	J3E										VOLMET
J	TOKYO	10060.000	12	12	1035			MUAN		FA		J2D										
I	ROMA	10066.000	05	12	1550		1.0	AIR TRAFFIC CONTROL		FA	2K70E	J3E										AIR TRAFFIC CONTROL
HNG	TARNOK	10067.000	31	10	0000	0420	15.2				2K70	J3E										USB
I	ROMA	10081.000	03	11	1043		16.0	007 SHANNON CH02	IRL	MA	3K00E	J2D										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	10081.000	05	12	1515		12.0	007 SHANNON	IRL	MA	3K00E	J2D							312	A		HFDL
I	ROMA	10081.000	15	12	0841	0857		007 SHANNON CH02	IRL	MA	3K00E	J2D										HFDL
J	TOKYO	10084.000	24	10	1107			AUCKLAND		FA		J2D										
I	ROMA	10084.000	03	11	1110		1.0	005 AUCKLAND CH05	NZL	MA	3K00E	J2D										HFDL
J	TOKYO	10084.000	07	11	0843			AUCKLAND		FA		J2D										
I	ROMA	10085.000	05	12	1515		12.0	005 AUCKLAND	NZL	MA	3K00E	J2D										HFDL
I	ROMA	10100.800	15	12	0717	0831	46.0	DDK9	D	FX	530HE	F1B							351	A		50BD SYNOP
G	BALDOCK	10101.800	22	10				?		FX	600HE	F1B							108	A		
ROU	BELCIUGATELE	10120.000	19	10	1333	1400	63.0	Unknown		BC	9K00	A3E							77	A		ASIA
J	TOKYO	10136.000	17	10	0036							F1B							2	C		
J	TOKYO	10136.000	24	10	1108							F1B							0	C		
J	TOKYO	10136.160	21	11	0512				RUS			F1B	139	E	58	49	N	03	359	B		
J	TOKYO	10136.170	07	11	0845				RUS			F1B	135	E	06	43	N	48	335	B		
J	TOKYO	10144.000	19	12	0839				RUS			F1B	095	E	53	53	N	34	314	B		
HNG	TARNOK	10150.000	02	11	1534	1537	24.9				2K70	J3E										USB
J	TOKYO	10154.000	19	12	0844				RUS			F1B	136	E	50	50	N	36	351	A		
G	BALDOCK	10155.000	01	10					RUS	FX	250HE	A3E							66	A		
HNG	TARNOK	10155.000	02	11	0411	0759	35.8				1K00	F1B										800HZ, 50BD
J	TOKYO	10155.000	21	11	0513							F1B										
G	BALDOCK	10157.000	01	10					RUS	FX	250HE	F1B							71	B		
HNG	TARNOK	10157.000	02	11	0800	1800	41.1				300H	F1B										200HZ, 50BD
J	TOKYO	10159.850	24	10	1109					BC		A3E							240	C		
J	TOKYO	10159.850	07	11	0849			SOUND OF HOPE		BC		A3E	120	E	44	23	N	56	241	B	11	TAIWAN
J	TOKYO	10159.860	03	10	0456			SOUND OF HOPE		BC		A3E	120	E	54	23	N	32	240	A	11	TAIWAN
J	TOKYO	10159.860	11	10	0235			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10159.860	17	10	0040			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	10159.860	14	11	0645			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10159.860	21	11	0516			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	10159.860	28	11	0226			SOUND OF HOPE		BC		A3E	121	E	07	23	N	48	240	B	11	TAIWAN
J	TOKYO	10159.870	05	12	0035			SOUND OF HOPE		BC		A3E	120	E	29	23	N	21	240	A	11	MNG
J	TOKYO	10159.870	19	12	0846			SOUND OF HOPE		BC		A3E	121	E	11	23	N	17	239	B	11	TAIWAN
J	TOKYO	10159.870	25	12	0649			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	10160.000	06	10	0642	0642	-5.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	10160.000	01	11	0511	0511	-8.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	10160.000	01	12	0710	0710	-3.1		CHN	BC	14K8	A3E									11	
J	TOKYO	10169.000	05	12	0036				RUS			F1B	131	E	55	43	N	09	321	A		
HNG	TARNOK	10169.400	02	11	0552	2125	42.1				2K90	G1D										STANAG 4285
G	BALDOCK	10169.500	12	11				?	I	FC	3K00E	G1D							134	A		
HNG	TARNOK	10171.750	02	11	1910	1921	16.8				2K70	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
ROU	BELCIUGATELE	10187.800	08	12	1031	1309	39.7		F	FX	3K00E	G1D							277	A		Toulouse
G	BALDOCK	10187.900	01	10					F	FX	3K00E	G1D							169	A		
HNG	TARNOK	10187.900	02	11	0624	2057	38.2				2K90	G1D										STANAG 4285
G	BALDOCK	10188.000	12	11				?	HOL	FC	3K00E	G1D							96	B		
J	TOKYO	10189.870	28	11	0145			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10192.000	03	10	0458				RUS			F1B	133	E	05	42	N	51	324	A		
J	TOKYO	10192.000	11	10	0236							F1B							324	D		
J	TOKYO	10192.000	17	10	0042							F1B							322	C		
J	TOKYO	10192.000	07	11	0850				RUS			F1B	131	E	49	43	N	31	322	B		
J	TOKYO	10192.000	14	11	0646				RUS			F1B	131	E	58	43	N	21	323	B		
J	TOKYO	10192.000	21	11	0517				RUS			F1B	132	E	52	42	N	49	323	A		
J	TOKYO	10192.000	05	12	0041				RUS			F1B	132	E	50	42	N	54	323	A		
J	TOKYO	10192.000	25	12	0650				RUS			F1B	132	E	06	43	N	12	322	B		
HNG	TARNOK	10225.000	02	11	1640	1657	49.7				20K0E	F0N										OTHR
J	TOKYO	10231.500	05	12	0042				CHN				120	E	01	29	N	00	255	A		
HNG	TARNOK	10236.000	02	11	0434	0559	47.5				300H	F1B										200HZ, 50BD
G	BALDOCK	10236.000	04	11				?	UKR	FC	290HE	F1B							93	B		50BD
HNG	TARNOK	10239.000	02	11	1925	2043	17.6				2K80E	J3E										USB
G	BALDOCK	10251.000	16	11				?	RUS	FX	340HE	F1B							66	B		
HNG	TARNOK	10265.900	02	11	0651	2120	33.4				2K90	G1D										STANAG 4285
J	TOKYO	10308.800	19	12	0852			M				A1A	140	E	19	50	N	29	359	A		
J	TOKYO	10321.000	25	12	0651							F1B										
F	RAMBOUILLET	10415.000	02	10	0600	0800	55.0															
J	TOKYO	10425.750	12	12	1038				AUS				145	E	31	36	S	15	175	A		
J	TOKYO	10425.800	19	12	0855				AUS			J2D	128	E	47	15	S	53	194	A		
J	TOKYO	10430.000	24	10	1114							F1B							55	C		
J	TOKYO	10430.000	28	11	0233				USA			F1B	116	W	37	34	N	10	55	B		
J	TOKYO	10430.000	12	12	1047				USA			F1B	122	W	04	37	N	54	54	A		
J	TOKYO	10430.000	19	12	0856							F1B							267	A		
HNG	TARNOK	10452.000	04	11	0500	0535	43.0				290H	F1B										200HZ, 50BD
J	TOKYO	10452.000	21	11	0522							F1B							343	D		
HNG	TARNOK	10460.000	04	11	0417	0850	18.2		RUS		2K70E	J3E										USB
J	TOKYO	10463.700	07	11	0900				AUS			J2D	140	E	20	32	S	57	180	B		
HNG	TARNOK	10465.000	04	11	1023	1840	19.4		RUS		2K70E	J3E										USB
HNG	TARNOK	10470.000	04	11	0525	0557	28.1				2K70E	J3E										LSB
G	BALDOCK	10477.000	24	10					IRN	FX	20K0E	P0N							94	C		
J	TOKYO	10528.000	28	11	0136							A1A										
G	BALDOCK	10535.000	01	10						FX	250HE	F1B							84	D		
J	TOKYO	10545.010	11	10	0131				RUS			F1B	107	E	53	51	N	12	314	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	10550.000	11	10	0135														308	A		
J	TOKYO	10558.000	19	12	0746							A1A										
J	TOKYO	10580.800	04	12	2346				USA			J2D	145	E	36	15	N	22	166	A		MRA
J	TOKYO	10581.790	28	11	0137				USA				144	E	42	13	N	23	169	B		GUM
J	TOKYO	10581.800	24	10	1002				USA			J2B	144	E	55	13	N	21	168	B		GUM
J	TOKYO	10581.800	14	11	0602														169	D		
J	TOKYO	10581.800	19	12	0747				USA				144	E	49	13	N	29	169	A		GUM
J	TOKYO	10581.900	21	11	0416							J2B							168	C		
J	TOKYO	10582.250	16	10	2346				USA				144	E	53	13	N	35	168	A		GUM
HNG	TARNOK	10589.800	04	11	0550	1016	32.6				3K00	G1D										STANAG 4285
J	TOKYO	10597.000	19	12	0751				RUS			F1B	135	E	57	49	N	39	349	A		
J	TOKYO	10608.800	24	10	1006							J2B										
J	TOKYO	10730.400	21	11	0419							J2D							240	C		
J	TOKYO	10735.000	03	10	0417				RUS			F1B	135	E	08	48	N	37	345	B		
J	TOKYO	10735.000	11	10	0140				RUS			F1B	135	E	23	48	N	08	345	A		
J	TOKYO	10735.000	16	10	2348				RUS			F1B	135	E	13	48	N	34	345	A		
I	ROMA	10750.000	02	10	0000	0237	20.0	OTHR		FX	20K0E											
G	BALDOCK	10750.000	04	11				?	CYP	FC	20K0E	P0N							114	B		
HNG	TARNOK	10750.000	06	11	1535	2020	38.3				20K0E	F0N										OTHR
J	TOKYO	10769.700	28	11	0140				CHN				121	E	30	24	N	45	241	B		
J	TOKYO	10773.000	11	10	0143							F1A										
J	TOKYO	10780.660	28	11	0142				CHN				116	E	27	40	N	09	291	B		
HNG	TARNOK	10790.000	06	11	1505	1535	45.2				20K0E	F0N										OTHR
HNG	TARNOK	10817.000	06	11	0600	1700	30.8				2K80E	F7B										12X200HZ
J	TOKYO	10819.860	03	10	0421			SOUND OF HOPE		BC		A3E	121	E	12	24	N	31	243	A	11	
J	TOKYO	10819.860	11	10	0144			SOUND OF HOPE		BC		A3E	121	E	00	24	N	35	242	B	11	TAIWAN
J	TOKYO	10819.860	24	10	1008			SOUND OF HOPE		BC		A3E	121	E	22	24	N	35	241	B	11	TAIWAN
J	TOKYO	10819.860	07	11	0748			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10819.860	14	11	0606			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10819.860	21	11	0427			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	10819.870	16	10	2354			SOUND OF HOPE		BC		A3E	121	E	29	24	N	21	240	A	11	TAIWAN
J	TOKYO	10819.870	04	12	2349			SOUND OF HOPE		BC		A3E	121	E	22	23	N	57	240	B	11	TAIWAN
J	TOKYO	10819.870	12	12	1003			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10819.870	19	12	0757			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10819.870	25	12	0604			SOUND OF HOPE		BC		A3E							239	D	11	
KOR	CRMS	10820.000	23	10	0714	0714	40.2		CHN	BC	14K8	A3E									11	
KOR	CRMS	10820.000	01	11	0511	0511	-3.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	10820.000	05	12	0708	0708	11.5		CHN	BC	14K4	A3E									11	
HNG	TARNOK	10857.000	06	11	1500	2000	24.1				10K0E	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	10869.850	03	10	0426			SOUND OF HOPE		BC		A3E	121	E	27	25	N	02	242	B	11	
J	TOKYO	10869.850	07	11	0749			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10869.860	11	10	0147			SOUND OF HOPE		BC		A3E	121	E	10	23	N	12	238	B	11	TAIWAN
J	TOKYO	10869.860	16	10	2355			SOUND OF HOPE		BC		A3E	120	E	38	22	N	40	238	A	11	TAIWAN
J	TOKYO	10869.860	24	10	1010			SOUND OF HOPE		BC		A3E	120	E	48	24	N	31	242	B	11	TAIWAN
J	TOKYO	10869.860	14	11	0609			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10869.860	21	11	0430			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	10869.860	12	12	1004			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10869.860	19	12	0759			SOUND OF HOPE		BC		A3E	120	E	19	22	N	55	240	A	11	TAIWAN
J	TOKYO	10869.870	28	11	0147			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10869.870	04	12	2350			SOUND OF HOPE		BC		A3E	120	E	50	22	N	36	237	B	11	TAIWAN
J	TOKYO	10869.870	25	12	0606			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	10870.000	25	10	0644	0644	29.8		CHN	BC	14K8	A3E									11	
KOR	CRMS	10870.000	01	11	0511	0511	-0.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	10870.000	06	12	0107	0107	5.0		CHN	BC	14K9	A3E									11	
HNG	TARNOK	10871.700	06	11	0000	0410	12.7	+D+	UKR		100HE	A1B										CW, BEACON ODESSA
HNG	TARNOK	10871.700	06	11	0800	2400	19.6	+D+	UKR		100HE	A1B										CW, BEACON ODESSA
G	BALDOCK	10871.700	16	11				D	UKR	FC	100HE	A1A							96	B		
J	TOKYO	10872.200	11	10	0148			F				A1A	132	E	44	42	N	56	323	B		
J	TOKYO	10872.300	03	10	0428			K				A1A	158	E	11	53	N	19	29	B		
J	TOKYO	10872.300	11	10	0148			K				A1A	157	E	30	52	N	39	30	B		
J	TOKYO	10872.300	16	10	2356			K				A1A	158	E	10	53	N	29	29	A		
J	TOKYO	10872.300	24	10	1012			K				A1A	158	E	11	53	N	07	30	B		
J	TOKYO	10872.300	07	11	0750			K				A1A							30	D		
J	TOKYO	10872.300	14	11	0610			K				A1A							30	D		
J	TOKYO	10872.300	21	11	0434			K				A1A							30	C		
J	TOKYO	10872.300	28	11	0148			K				A1A	157	E	13	52	N	22	30	B		
J	TOKYO	10872.300	25	12	0607			K				A1A	157	E	17	52	N	42	30	B		
J	TOKYO	10872.390	11	10	0149			M				A1A	140	E	42	52	N	37	0	B		
J	TOKYO	10872.390	24	10	1013			M				A1A	139	E	48	51	N	38	358	B		
J	TOKYO	10872.390	07	11	0752			M				A1A							359	D		
J	TOKYO	10872.390	14	11	0611			M				A1A							359	D		
J	TOKYO	10872.390	28	11	0148			M				A1A	139	E	53	48	N	56	359	B		
J	TOKYO	10872.390	19	12	0801			M				A1A							359	D		
J	TOKYO	10872.390	25	12	0608			M				A1A							359	C		
J	TOKYO	10872.400	03	10	0428			M				A1A	140	E	42	53	N	11	0	B		
J	TOKYO	10872.400	16	10	2356			M				A1A	139	E	02	48	N	53	356	A		
J	TOKYO	10872.400	21	11	0434			K				A1A							358	C		
J	TOKYO	10872.400	04	12	2351			M				A1A	140	E	22	53	N	11	0	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	10885.000	06	11	2200	2400	30.7				10K0E	F0N										OTHR
F	RAMBOUILLET	10919.800	10	10	0720	0740	25.0															
J	TOKYO	10938.000	12	12	1005				RUS			F1B	108	E	51	52	N	19	316	B		
F	RAMBOUILLET	10939.100	10	10	0600	0750	15.0															
J	TOKYO	10939.890	07	11	0752			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10939.890	21	11	0438			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	10939.900	03	10	0432			SOUND OF HOPE		BC		A3E	120	E	58	24	N	22	241	A	11	TAIWAN
J	TOKYO	10939.900	11	10	0157			SOUND OF HOPE		BC		A3E	121	E	12	24	N	26	241	A	11	TAIWAN
J	TOKYO	10939.900	17	10	0006			SOUND OF HOPE		BC		A3E	121	E	14	24	N	31	241	A	11	TAIWAN
J	TOKYO	10939.900	24	10	1017			SOUND OF HOPE		BC		A3E	120	E	48	24	N	31	242	B	11	TAIWAN
J	TOKYO	10939.900	14	11	0615			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	10939.900	28	11	0149			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10939.900	12	12	1006			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10939.900	19	12	0804			SOUND OF HOPE		BC		A3E	120	E	12	23	N	32	243	A	11	TAIWAN
J	TOKYO	10939.910	04	12	2352			SOUND OF HOPE		BC		A3E	121	E	27	24	N	13	240	B	11	TAIWAN
J	TOKYO	10939.910	25	12	0609			SOUND OF HOPE		BC		A3E							240	D	11	
F	RAMBOUILLET	10945.000	09	10	0600	1800	25.0															
J	TOKYO	10947.000	11	10	0159				RUS			J2D	132	E	02	43	N	12	322	B		
F	RAMBOUILLET	10954.100	10	10	0900	1800	18.0															
J	TOKYO	10959.700	24	10	1019			SOUND OF HOPE		BC		A3E	120	E	48	23	N	23	239	B	11	TAIWAN
J	TOKYO	10959.700	07	11	0753			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10959.710	17	10	0007			SOUND OF HOPE		BC		A3E	120	E	24	22	N	45	239	A	11	TAIWAN
J	TOKYO	10959.710	14	11	0615			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10959.710	12	12	1008			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10959.720	28	11	0150			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10959.720	04	12	2353			SOUND OF HOPE		BC		A3E	120	E	33	23	N	16	240	B	11	TAIWAN
J	TOKYO	10959.730	25	12	0610			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10959.740	21	11	0440			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	10960.000	06	10	0642	0642	-9.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	10960.000	02	11	0535	0535	-4.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	10960.000	05	12	0709	0709	1.7		CHN	BC	14K8	A3E									11	
J	TOKYO	10981.000	21	11	0445							F1B							345	C		
J	TOKYO	10981.000	28	11	0151				RUS			F1B	135	E	29	48	N	20	344	B		
J	TOKYO	10981.000	04	12	2356				RUS			F1B	135	E	26	48	N	36	346	A		
G	BALDOCK	10983.000	16	11				?	RUS	FX	3K30E	J7D							66	A		
J	TOKYO	11000.000	28	11	0151				CHN	BC		A3E	109	E	46	18	N	45	246	B		
J	TOKYO	11000.000	04	12	2359			CHINA N.R.		BC		A3E	119	E	24	25	N	53	247	B	11	
J	TOKYO	11006.000	21	11	0449							J2D							320	C		
J	TOKYO	11029.990	07	11	0805			VMC				F3C							180	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	11030.000	24	10	1024			VMC				F3C	145	E	24	26	S	58	175	B		
J	TOKYO	11030.000	19	12	0806			VMC				F3C	144	E	19	26	S	21	177	A		
G	BALDOCK	11039.000	04	11				?	RUS	FX	640HE	F1B							72	A		100BD
ROU	BELCIUGATELE	11039.000	08	12	0908	1001	53.3	DDH99	D	FL	1K00	F1B							318	A		Weather
J	TOKYO	11039.000	12	12	1009				CHN			A1A	112	E	29	28	N	04	261	B		
I	ROMA	11039.000	20	12	0732	0753		DDH9	D	FX	500HE	F1B							348	A		50BD SYNOP
J	TOKYO	11039.800	05	12	0007				CHN			J2D	116	E	11	28	N	01	250	B		
J	TOKYO	11044.400	24	10	1027				CHN			J2D	118	E	50	26	N	40	250	B		
J	TOKYO	11069.940	11	10	0203			SOUND OF HOPE		BC		A3E	120	E	40	24	N	26	242	B	11	TAIWAN
J	TOKYO	11069.940	17	10	0008			SOUND OF HOPE		BC		A3E	120	E	42	24	N	27	242	A	11	TAIWAN
J	TOKYO	11069.940	24	10	1031			SOUND OF HOPE		BC		A3E	120	E	43	24	N	35	242	B	11	TAIWAN
J	TOKYO	11069.940	14	11	0633			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11069.940	21	11	0451			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	11069.940	12	12	1014			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11069.940	19	12	0809			SOUND OF HOPE		BC		A3E	120	E	25	22	N	51	240	A	11	TAIWAN
J	TOKYO	11069.950	03	10	0437			SOUND OF HOPE		BC		A3E	121	E	17	24	N	38	241	A	11	TAIWAN
J	TOKYO	11069.950	28	11	0152			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11069.950	25	12	0611			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	11070.000	10	10	0730	0730	-2.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	11070.000	02	11	0535	0535	1.7		CHN	BC	15K0	A3E									11	
KOR	CRMS	11070.000	01	12	0711	0711	-2.0		CHN	BC	14K9	A3E									11	
ROU	BELCIUGATELE	11086.500	06	12	1218	1240	38.6	Northwood, GYA UK	G	FC	1K20	F1B							307	A		Weather Forecast Station FAX
J	TOKYO	11088.000	14	11	0635							F1B							330	D		
J	TOKYO	11088.000	25	12	0619							F1B							334	D		
J	TOKYO	11089.990	07	11	0813							F3C							86	D		
J	TOKYO	11089.990	25	12	0622							F3C							152	D		
J	TOKYO	11090.000	14	11	0637							F3C							88	D		
G	BALDOCK	11096.000	27	10						FX	3K00E	G1D							114	B		
G	BALDOCK	11096.000	16	11				?	CYP	FC	3K00E	G1D							111	B		
J	TOKYO	11100.000	03	10	0440			SOUND OF HOPE		BC		A3E	121	E	07	23	N	46	240	B	11	TAIWAN
KOR	CRMS	11100.000	06	10	0642	0642	-3.5		CHN	BC	15K0	A3E									11	
J	TOKYO	11100.000	17	10	0009			SOUND OF HOPE		BC		A3E	120	E	57	24	N	19	240	A	11	TAIWAN
J	TOKYO	11100.000	24	10	1033			SOUND OF HOPE		BC		A3E	121	E	00	23	N	46	240	B	11	TAIWAN
KOR	CRMS	11100.000	01	11	0511	0511	1.7		CHN	BC	14K8	A3E									11	
J	TOKYO	11100.000	07	11	0822			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11100.000	21	11	0454			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	11100.000	01	12	0711	0711	3.2		CHN	BC	14K7	A3E									11	
J	TOKYO	11100.010	11	10	0205			SOUND OF HOPE		BC		A3E	120	E	55	24	N	22	241	B	11	TAIWAN
J	TOKYO	11100.010	14	11	0641			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	11100.010	28	11	0153			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11100.010	05	12	0010			SOUND OF HOPE		BC		A3E	121	E	07	24	N	20	241	A	11	TAIWAN
J	TOKYO	11100.010	12	12	1015			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11100.010	19	12	0810			SOUND OF HOPE		BC		A3E	120	E	12	23	N	05	240	A	11	TAIWAN
J	TOKYO	11100.020	25	12	0625			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11120.000	03	10	0443			SOUND OF HOPE		BC		A3E	120	E	48	24	N	22	242	A	11	TAIWAN
KOR	CRMS	11120.000	06	10	0643	0643	-9.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	11120.000	01	11	0511	0511	0.8		CHN	BC	14K9	A3E									11	
J	TOKYO	11120.000	07	11	0823			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	11120.000	04	12	0402	0402	-10.5		CHN	BC	14K9	A3E									11	
J	TOKYO	11120.010	11	10	0207			SOUND OF HOPE		BC		A3E	120	E	38	24	N	13	241	B	11	TAIWAN
J	TOKYO	11120.010	24	10	1036			SOUND OF HOPE		BC		A3E	121	E	05	23	N	48	240	B	11	TAIWAN
J	TOKYO	11120.010	21	11	0457			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	11120.020	28	11	0154			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11120.020	19	12	0811			SOUND OF HOPE		BC		A3E	120	E	10	22	N	57	240	A	11	TAIWAN
J	TOKYO	11120.020	25	12	0626			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11120.080	14	11	0642			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11142.510	12	12	1016				CHN				113	E	11	22	N	30	248	B		
J	TOKYO	11143.300	24	10	1039				AUS			J2B	132	E	07	16	S	25	190	B		
J	TOKYO	11146.800	24	10	1040				AUS			J2B	132	E	12	15	S	35	190	B		
J	TOKYO	11149.860	07	11	0829			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11149.870	03	10	0444			SOUND OF HOPE		BC		A3E	120	E	43	23	N	28	240	A	11	TAIWAN
J	TOKYO	11149.870	11	10	0209			SOUND OF HOPE		BC		A3E	120	E	31	23	N	19	240	B	11	TAIWAN
J	TOKYO	11149.870	24	10	1043			SOUND OF HOPE		BC		A3E	120	E	28	23	N	19	240	B	11	TAIWAN
J	TOKYO	11149.880	17	10	0010			SOUND OF HOPE		BC		A3E	120	E	16	22	N	58	239	A	11	TAIWAN
J	TOKYO	11149.880	14	11	0643			SOUND OF HOPE		BC		A3E	120	E	30	22	N	40	239	D	11	TAIWAN
J	TOKYO	11149.880	12	12	1016			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11149.890	21	11	0504			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11149.890	28	11	0154			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11149.890	19	12	0818			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11149.900	05	12	0013			SOUND OF HOPE		BC		A3E	121	E	17	23	N	55	240	B	11	TAIWAN
J	TOKYO	11149.910	25	12	0628			SOUND OF HOPE		BC		A3E							239	D	11	
KOR	CRMS	11150.000	06	10	0643	0643	-9.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	11150.000	02	11	0536	0536	-3.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	11150.000	04	12	0402	0402	-9.3		CHN	BC	14K9	A3E									11	
I	ROMA	11155.000	03	11	1502	1516	18.0	RIT	RUS	FX	100HE	A1A							12	A		CALL RMAN
KOR	CRMS	11170.000	05	10	0116	0116	-8.1		CHN	BC	15K0	A3E									6	
J	TOKYO	11170.080	07	11	0831			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11170.080	21	11	0506			SOUND OF HOPE		BC		A3E							241	C	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	11170.090	03	10	0448			SOUND OF HOPE		BC		A3E	121	E	27	24	N	35	241	B	11	TAIWAN
J	TOKYO	11170.090	11	10	0211			SOUND OF HOPE		BC		A3E	121	E	34	24	N	33	241	B	11	TAIWAN
J	TOKYO	11170.090	17	10	0010			SOUND OF HOPE		BC		A3E	121	E	30	24	N	22	240	A	11	TAIWAN
J	TOKYO	11170.090	24	10	1045			SOUND OF HOPE		BC		A3E	120	E	43	24	N	24	242	B	11	TAIWAN
J	TOKYO	11170.090	14	11	0644			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11170.090	28	11	0155			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11170.090	12	12	1017			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11170.090	19	12	0819			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11170.090	25	12	0629			SOUND OF HOPE		BC		A3E							241	D	11	
HNG	TARNOK	11175.000	08	11	0638	0642	24.0	HFGCS		FX	3K40	J3E										USB
I	ROMA	11184.000	03	11	1435		18.0	003 REYKJAVIK	ISL	MA	3K00E	J2D							328	A		HFDL
HNG	TARNOK	11185.440	08	11	0600	2149	36.6	REYKJAVIK	ISL	FA	2K40	G1D										HF ACARS
I	ROMA	11193.000	19	12	0943	0945	10.0		RUS	FX	2K70E	J3E							40	A		
HNG	TARNOK	11193.250	08	11	1459	1502	16.9				2K80E	J3E										USB
HNG	TARNOK	11199.000	08	11	1453	1505	17.2				2K80E	J3E										USB
HNG	TARNOK	11233.500	08	11	1505	1513	17.3				2K80E	J3E										LSB
HNG	TARNOK	11253.000	08	11	0630	1920	25.2	RAF VOLMET	G	SM	3K40	J3E										USB
J	TOKYO	11271.400	19	12	0821				CHN				118	E	18	35	N	21	275	B		
I	ROMA	11297.000	03	11	1525	1530	16.0	ROSTOV	RUS	FA	2K70E	J3E							66	A		VOLMET
I	ROMA	11297.000	10	11	1555	1555	13.0	VOLMET		FA	2K70E	J3E										RUS
J	TOKYO	11306.000	11	10	0214			GUAM		FA		J2D										
J	TOKYO	11306.000	24	10	1050			GUAM		FA		J2D										
I	ROMA	11306.000	03	11	1448		4.0	016 AGANA GUAM	USA	MA	3K00E	J2D										HFDL
J	TOKYO	11306.000	07	11	0834			GUAM		FA		J2D										
J	TOKYO	11306.000	14	11	0650			GUAM		FA		J2D										
I	ROMA	11306.000	28	11	1347		4.0	016 AGANA	USA	MA	3K00E	J2D										HFDL
I	ROMA	11309.000	03	11	1448		10.0	SANTA MARIA	POR	FA	2K70E	J3E							271	A		ATC
I	ROMA	11309.000	10	11	1555	1555	2.0	SANTA MARIA RADIO	POR	FA	3K10E	J3E										ENG
I	ROMA	11309.000	28	11	1335		4.0	SANTA MARIA	POR	FA	2K70E	J3E							273	A		AIR TRAFFIC CONTROL
I	ROMA	11309.000	19	12	1410		8.0	SANTA MARIA	POR	FA	2K70E	J3E							273	A		AIR TRAFFIC CONTROL
J	TOKYO	11312.000	07	11	0838			MOLOKAI		FA		J2D										
I	ROMA	11318.000	03	11	1445	1450	5.0	SAMARA	RUS	FA	2K70E	J3E							51	A		VOLMET
I	ROMA	11318.000	03	11	1515	1520	14.0	SAMARA	RUS	FA	2K70E	J3E							51	A		VOLMET
I	ROMA	11318.000	19	12	1000	1005	1.0	SYKTYVKAR VOLMET	RUS	FA	2K70E	J3E										VOLMET
I	ROMA	11318.000	19	12	1400	1404	3.0	SYKTYVKAR VOLMET	RUS	FA	2K70E	J3E							35	A		VOLMET
I	ROMA	11318.000	19	12	1415	1420	4.0	SAMARA	RUS	FA	2K70E	J3E							50	A		VOLMET
I	ROMA	11336.000	03	11	1523		4.0	GANDER	CAN	FA	2K70E	J3E							300	A		ATC
I	ROMA	11336.000	28	11	1334		2.0	GANDER RADIO	CAN	FA	2K70E	J3E										AIR TRAFFIC CONTROL
I	ROMA	11345.000	28	11	1332	1334	14.0	AGUSTA 01		MA	2K70E	J3E										RADIO CHECK STOCKHOL

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	11345.000	28	11	1332	1333	8.0	STOCKHOLM RADIO	S	FD	2K70E	J3E										CHECK RADIO AGUSTA 0
I	ROMA	11384.000	03	11	1516		2.0	AIR TRAFFIC CONTROL		FA	2K70E	J3E										
J	TOKYO	11387.000	24	10	1052			SINGAPORE R.				J3E	102	E	51	02	N	26	235	B		
I	ROMA	11387.000	10	11	1555	1555	4.0	VOLMET		FA	3K10E	J3E										VOLMET
I	ROMA	11387.000	28	11	1319		1.0	004 RIVERHEAD	USA	FA	3K00E	J2D										HFDL
J	TOKYO	11387.000	19	12	0822							J3E							233	D		
I	ROMA	11396.000	03	11	1525		4.0	AIR TRAFFIC CONTROL		FA	2K70E	J3E										ATC
J	TOKYO	11409.970	07	11	0840			SOUND OF HOPE		BC		A3E							309	D	11	
J	TOKYO	11409.980	11	10	0218			SOUND OF HOPE		BC		A3E	105	E	43	48	N	34	308	B	11	MNG
J	TOKYO	11409.980	17	10	0011			SOUND OF HOPE		BC		A3E							307	A	11	
J	TOKYO	11409.980	24	10	1056			SOUND OF HOPE		BC		A3E	106	E	56	47	N	13	305	B	11	MNG
J	TOKYO	11409.980	14	11	0651			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	11409.980	21	11	0508			SOUND OF HOPE		BC		A3E							307	C	11	
J	TOKYO	11409.980	28	11	0156			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11409.980	05	12	0018			SOUND OF HOPE		BC		A3E	106	E	59	48	N	19	308	B	11	MNG
J	TOKYO	11409.980	12	12	1018			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11409.980	19	12	0826			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11409.980	25	12	0634			SOUND OF HOPE		BC		A3E	108	E	04	47	N	53	307	B	11	MNG
KOR	CRMS	11410.000	05	10	0118	0118	-12.6		CHN	BC	14K8	A3E									6	
KOR	CRMS	11410.000	06	11	0822	0822	-6.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	11410.000	05	12	0709	0709	-19.3		CHN	BC	14K9	A3E									11	
HNG	TARNOK	11425.000	10	11	1631	1730	41.4				20K0E	F0N										OTHR
HNG	TARNOK	11441.000	10	11	0450	0505	16.2				100HE	A1B										
HNG	TARNOK	11444.500	10	11	0430	0600	14.8				2K70	J3E										USB
J	TOKYO	11447.650	21	11	0512							J2D							268	C		
J	TOKYO	11455.000	24	10	1058			CHINA N.R.		BC		A3E	106	E	25	34	N	28	277	B	11	
KOR	CRMS	11460.000	10	10	0731	0731	1.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	11460.000	02	11	0536	0536	-4.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	11460.000	01	12	0711	0711	5.5		CHN	BC	14K9	A3E									11	
J	TOKYO	11460.020	24	10	1102			SOUND OF HOPE		BC		A3E	121	E	15	24	N	29	241	B	11	TAIWAN
J	TOKYO	11460.020	21	11	0513			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	11460.030	03	10	0455			SOUND OF HOPE		BC		A3E	120	E	53	22	N	49	238	B	11	TAIWAN
J	TOKYO	11460.030	11	10	0220			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11460.030	17	10	0011			SOUND OF HOPE		BC		A3E	121	E	17	24	N	22	241	A	11	TAIWAN
J	TOKYO	11460.030	07	11	0847			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11460.030	14	11	0653			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11460.030	28	11	0213			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11460.030	12	12	1019			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11460.040	05	12	0019			SOUND OF HOPE		BC		A3E	121	E	05	23	N	48	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	11460.040	19	12	0828			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11460.040	25	12	0639			SOUND OF HOPE		BC		A3E	120	E	17	23	N	08	240	B	11	TAIWAN
HNG	TARNOK	11470.000	10	11	0600	1000	16.6				680HE	F1B										500HZ, 180BD
J	TOKYO	11470.000	14	11	0655							F1B							317	D		
I	ROMA	11470.000	20	12	0727	0731	16.0		RUS	FX	550HE	F1B							42	B		50BD T600
J	TOKYO	11470.010	07	11	0850							F1B							318	D		
J	TOKYO	11470.010	19	12	0830				RUS			F1B	109	E	55	51	N	54	317	B		
J	TOKYO	11470.020	25	12	0643				RUS			F1B	110	E	27	52	N	11	317	B		
HNG	TARNOK	11490.000	10	11	0900	1000	31.4				680HE	F1B										
HNG	TARNOK	11490.000	10	11	1600	1635	21.6				20K0E	F0N										OTHR
J	TOKYO	11499.920	25	12	0646			SOUND OF HOPE		BC		A3E	120	E	24	22	N	51	239	B	11	TAIWAN
J	TOKYO	11499.970	03	10	0456			SOUND OF HOPE		BC		A3E	121	E	15	25	N	00	242	B	11	TAIWAN
J	TOKYO	11499.980	11	10	0225			SOUND OF HOPE		BC		A3E	120	E	23	23	N	32	240	B	11	TAIWAN
J	TOKYO	11499.980	24	10	1104			SOUND OF HOPE		BC		A3E	121	E	12	23	N	50	240	B	11	TAIWAN
J	TOKYO	11499.980	07	11	0851			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11499.980	14	11	0656			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11499.980	21	11	0515			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11499.990	17	10	0012			SOUND OF HOPE		BC		A3E	120	E	20	23	N	41	241	A	11	TAIWAN
J	TOKYO	11499.990	28	11	0213			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11499.990	12	12	1020			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11499.990	19	12	0835					BC		A3E							240	D		
KOR	CRMS	11500.000	06	10	0643	0643	-11.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	11500.000	02	11	0536	0536	-4.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	11500.000	01	12	0712	0712	-4.8		CHN	BC	14K8	A3E									11	
J	TOKYO	11500.000	05	12	0020			SOUND OF HOPE		BC		A3E	121	E	20	24	N	08	240	B	11	TAIWAN
ROU	BELCIUGATELE	11510.000	04	10	1234	1252	72.7			BC	9K00	A3E							137	A		
HNG	TARNOK	11510.000	10	11	1500	1700	32.5	RFA	USA	BC	14K2	A3E									11	
HNG	TARNOK	11510.001	10	11	1000	1500	28.7				10K8	A3E									11	
ROU	BELCIUGATELE	11520.000	10	11	0809	0850	66.9	?		BC	9K00	A3E							101	A		Arabian Language
KOR	CRMS	11520.000	01	12	0712	0712	-2.7		CHN	BC	14K9	A3E									11	
HNG	TARNOK	11520.001	10	11	0900	1300	34.7	SOH	CHN	BC	10K8	A3E									11	
HNG	TARNOK	11524.000	10	11	0000	0600	14.5				400H	F1B										CIS 36-50
ROU	BELCIUGATELE	11525.000	09	10	0656	0743	73.7	Radio Denge Welat jamming	TUR	BC	9K00	A3E							136	A		Jamming
ROU	BELCIUGATELE	11525.000	29	12	0920	0950	52.6	TRT Recep. Erdogan	TUR	BC	9K00	A3E							137	A		Turkish language
ROU	BELCIUGATELE	11530.000	04	10	1325	1355	49.5			BC	9K00	A3E							85	A		
ROU	BELCIUGATELE	11530.000	26	10	0835	0855	59.2			BC	9K00	A3E							106	A		Arabian Language
J	TOKYO	11530.000	14	11	0658					BC		A3E										
ROU	BELCIUGATELE	11535.000	10	11	0850	0920	68.5	?	TUR	BC	9K00	A3E							136	A		Kurdish Language
HNG	TARNOK	11535.007	10	11	1000	1700	46.9	RADIO DENGE GEL	UZB	BC	13K8	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	11535.030	14	11	0659			SOUND OF HOPE		BC		A3E	127	E	34	35	N	19	273	B	11	KOR
J	TOKYO	11535.050	07	11	0852			SOUND OF HOPE		BC		A3E							282	D	11	
J	TOKYO	11538.000	28	11	0214				RUS			F1B	136	E	38	50	N	41	350	B		
HNG	TARNOK	11540.014	10	11	0400	0800	21.5	RFA	KWT	BC	12K4	A3E									11	
ROU	BELCIUGATELE	11545.000	09	10	0749	0812	54.2	Unknown		BC	6K00	A3E							102	A		
J	TOKYO	11545.000	25	12	0649					BC		A3E										
J	TOKYO	11549.910	07	11	0853			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11549.920	03	10	0457			SOUND OF HOPE		BC		A3E	121	E	17	24	N	29	241	B	11	TAIWAN
J	TOKYO	11549.920	11	10	0228			SOUND OF HOPE		BC		A3E	121	E	05	23	N	44	240	B	11	TAIWAN
J	TOKYO	11549.930	17	10	0026			SOUND OF HOPE		BC		A3E	120	E	23	22	N	43	239	A	11	TAIWAN
J	TOKYO	11549.930	14	11	0701			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11549.930	12	12	1021			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11549.930	19	12	0837			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11549.940	21	11	0518			SOUND OF HOPE		BC		A3E							238	C	11	
J	TOKYO	11549.940	28	11	0215			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11549.960	25	12	0649			SOUND OF HOPE		BC		A3E							240	D	11	
HNG	TARNOK	11549.974	10	11	1500	1900	37.2	RFA	USA	BC	14K2	A3E									11	
J	TOKYO	11549.990	24	10	1109			SOUND OF HOPE		BC		A3E	120	E	26	22	N	40	238	B	11	TAIWAN
ROU	BELCIUGATELE	11550.000	04	10	1254	1321	51.5			BC	9K00	A3E							101	A		
KOR	CRMS	11550.000	10	10	0732	0732	-5.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	11550.000	02	11	0536	0536	-4.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	11550.000	01	12	0712	0712	-6.7		CHN	BC	14K9	A3E									11	
HNG	TARNOK	11550.005	10	11	0400	1500	24.3	SOH	CHN	BC	10K0E	A3E									11	
ROU	BELCIUGATELE	11555.000	26	10	0731	0826	75.4		TUR	BC	9K00	A3E							136	A		Turkish Language
J	TOKYO	11559.990	24	10	1111				CHN	BC		A3E	107	E	55	22	N	31	254	B		
ROU	BELCIUGATELE	11560.000	25	10	1250	1320	65.2	ALL INDIA RADIO	IND	BC	9K00	A3E							111	A		Pashto Language
ROU	BELCIUGATELE	11560.000	30	10	1330	1400	64.1	ALL INDIA RADIO	IND	BC	9K00	A3E							112	A		Pashto Language
HNG	TARNOK	11560.000	10	11	2140	2220	24.0				30K0E	F0N										OTHR
HNG	TARNOK	11560.003	10	11	1230	1400	45.0	AIR	IND	BC	13K0	A3E									11	
HNG	TARNOK	11565.001	10	11	1600	1900	48.0	RFA	USA	BC	14K5	A3E									11	
J	TOKYO	11570.000	28	11	0217				CHN	BC		A3E	111	E	28	40	N	55	292	B		
KOR	CRMS	11580.000	06	10	0644	0644	-3.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	11580.000	03	11	0631	0631	-0.2		CHN	BC	14K9	A3E									11	
HNG	TARNOK	11580.000	10	11	0600	1800	35.8				3K00	G1D										
KOR	CRMS	11580.000	01	12	0712	0712	-3.5		CHN	BC	14K7	A3E									11	
J	TOKYO	11580.140	03	10	0458			SOUND OF HOPE		BC		A3E	120	E	40	24	N	22	242	B	11	TAIWAN
J	TOKYO	11580.140	11	10	0232			SOUND OF HOPE		BC		A3E	121	E	32	24	N	35	241	B	11	TAIWAN
J	TOKYO	11580.140	17	10	0028			SOUND OF HOPE		BC		A3E	121	E	31	24	N	31	241	A	11	TAIWAN
J	TOKYO	11580.140	07	11	0858			SOUND OF HOPE		BC		A3E							282	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	11580.140	14	11	0703			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	11580.140	21	11	0520			SOUND OF HOPE		BC		A3E	121	E	05	24	N	24	241	B	11	TAIWAN
J	TOKYO	11580.140	28	11	0217			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11580.140	05	12	0027			SOUND OF HOPE		BC		A3E	121	E	07	24	N	26	241	A	11	TAIWAN
J	TOKYO	11580.140	12	12	1021			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11580.150	24	10	1114			SOUND OF HOPE		BC		A3E	121	E	12	24	N	38	241	B	11	TAIWAN
HNG	TARNOK	11592.000	10	11	1600	1800	31.7				300HE	F1B										200HZ, 75BD
J	TOKYO	11599.990	24	10	1115			SOUND OF HOPE		BC		A3E	121	E	58	24	N	29	241	B		TAIWAN
J	TOKYO	11600.000	11	10	0232				CHN	BC		A3E	109	E	43	34	N	16	276	B		
KOR	CRMS	11600.000	13	10	0741	0741	26.6		CHN	BC	14K8	A3E									6	
KOR	CRMS	11600.000	17	10	0706	0706	37.7		CHN	BC	14K9	A3E									6	
KOR	CRMS	11600.000	02	11	0537	0537	19.4		CHN	BC	14K9	A3E									6	
J	TOKYO	11600.000	07	11	0900			CHINA N.R.		BC		A3E							277	D		
KOR	CRMS	11600.000	09	11	0504	0504	19.6		CHN	BC	14K8	A3E									6	
J	TOKYO	11600.000	21	11	0522			CHINA N.R.		BC		A3E							276	C		
J	TOKYO	11600.000	28	11	0218			CHINA N.R.		BC		A3E	108	E	56	33	N	48	275	B		
I	ROMA	11600.000	30	11	1425		18.0			BC	9K00E	A3E										
KOR	CRMS	11600.000	01	12	0712	0712	27.8		CHN	BC	14K6	A3E									11	
KOR	CRMS	11600.000	04	12	0403	0403	18.7		CHN	BC	14K9	A3E									6	
J	TOKYO	11600.000	12	12	1022			CHINA N.R.		BC		A3E	108	E	29	34	N	12	276	A		
HNG	TARNOK	11600.001	10	11	1300	1400	31.7	FEBC	PHL	BC	14K1	A3E										
J	TOKYO	11600.010	11	10	0300			SOUND OF HOPE		BC		A3E	121	E	10	24	N	17	241	B		TAIWAN
ROU	BELCIUGATELE	11600.500	27	10	0720	0750	50.8	THE OVERCOMER MINISTRY	BUL	BC	9K00	A3E							242	A		English Language
ROU	BELCIUGATELE	11610.000	28	12	1330	1400	55.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							81	A		Bengali language
F	RAMBOUILLET	11620.000	02	10	0900	1000	15.0	CNR 5	CHN													
I	ROMA	11620.000	30	11	1425		20.0	KSDA-ADVENTIST WORLD		BC	9K00E	A3E										
KOR	CRMS	11620.000	12	12	0704	0704	40.4		CHN	BC	14K1	A3E									11	
G	BALDOCK	11630.000	15	11				CNR 17		FX	9K00E	A3E							51	B		
G	BALDOCK	11635.000	15	11				CRI		FX	9K00E	A3E							50	B		
F	RAMBOUILLET	11640.000	02	10	0700	0900	17.0	CRI	CHN													
J	TOKYO	11640.000	26	10	0700			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	11640.000	01	11	0700			CHINA R.I.	CHN	BC		A3E										
I	ROMA	11640.000	30	11	1425		25.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	11643.000	02	10	0600	0700	23.0															
I	ROMA	11645.000	30	11	1425		15.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
F	RAMBOUILLET	11650.000	02	10	0800	1100	45.0	R. ROMANIA	ROU													
F	RAMBOUILLET	11650.000	03	10	1100	1300	39.0	CRI														
ROU	BELCIUGATELE	11650.000	31	10	1130	1400	48.6	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							69	A		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
HNG	TARNOK	11650.000	12	11	0900	1100	23.5	VOA	THA	BC	18K5	A3E										
HNG	TARNOK	11650.004	12	11	1100	1300	26.9	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	11654.994	12	11	1556	1629	50.4	IBRA MEDIA	UAE	BC	9K70	A3E										
HNG	TARNOK	11659.987	12	11	1626	1745	54.9			BC	10K4	A3E									3	
F	RAMBOUILLET	11660.000	03	10	1400	1500	45.0	CRI	CHN													
HNG	TARNOK	11660.000	12	11	0730	0757	55.1	RRI	ROU	BC	9K50	A3E										
I	ROMA	11660.000	30	11	1425		30.0	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
HNG	TARNOK	11660.001	12	11	1900	1927	50.7	FOLLOW THE BIBLE M.	G	BC	10K0	A3E										
HNG	TARNOK	11660.003	12	11	1200	1500	26.8	VOA	PHL	BC	10K0E	A3E										
HNG	TARNOK	11660.003	12	11	1930	2000	43.6	BBC	G	BC	9K80	A3E										
HNG	TARNOK	11660.023	12	11	0800	0900	46.0			BC	10K0E	A3E									3	
HNG	TARNOK	11660.024	12	11	0500	0656	46.3	TRT	TUR	BC	8K04	A3E									3	
HNG	TARNOK	11669.999	12	11	1557	1700	56.3	VOA	PHL	BC	15K4	A3E										
F	RAMBOUILLET	11675.000	03	10	1300	1400	21.0	CRI	CHN													
I	ROMA	11675.000	30	11	1425		19.0	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
ROU	BELCIUGATELE	11675.000	28	12	1340	1410	54.8	Voice of America	PHL	BC	9K00	A3E							82	A		Khmer language
HNG	TARNOK	11675.003	12	11	1328	1430	28.8	VOA	PHL	BC	10K0E	A3E										
KOR	CRMS	11680.000	27	10	0154	0154	49.4		KRE	BC	13K5	A3E									6	
KOR	CRMS	11680.000	01	11	0517	0517	26.0		KRE	BC	13K6	A3E									6	
KOR	CRMS	11680.000	07	12	0404	0404	23.7		KRE	BC	13K6	A3E									6	
KOR	CRMS	11680.000	11	12	0400	0400	32.3		PHL	BC	14K8	A3E									6	
HNG	TARNOK	11680.003	12	11	1800	1900	52.1			BC	10K5	A3E										
HNG	TARNOK	11689.500	12	11	2106	2141	32.5				1K00	F1B									11	850HZ, 50BD
J	TOKYO	11690.000	26	10	2300			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11690.000	12	11	0957	1200	23.2	KSDA	USA	BC	10K0E	A3E										
HNG	TARNOK	11690.000	12	11	1651	1858	29.8	RNZ		BC	10K0	X7E										
HNG	TARNOK	11690.001	12	11	1200	1300	42.9	CRI	CHN	BC	9K30	A3E										
J	TOKYO	11695.000	14	11	0713			CHINA N.R.		BC		D7W	108	E	53	19	N	14	248	A		
J	TOKYO	11695.000	19	12	0839					BC		D7W							248	D		
J	TOKYO	11695.000	25	12	0651			CHINA N.R.		BC		D7W	108	E	55	18	N	38	247	B		
F	RAMBOUILLET	11700.000	03	10	0600	0700	32.0	RFI	F													
F	RAMBOUILLET	11700.000	04	10	0600	0700	30.0	RFI	F													
HNG	TARNOK	11700.000	12	11	0700	0757	40.3	RFI	F	BC	10K1	A3E										
I	ROMA	11700.000	30	11	1425		19.0	VATICAN RADIO	PHL	BC	9K00E	A3E										
ROU	BELCIUGATELE	11700.000	28	12	1330	1400	42.8	Vatican Radio	PHL	BC	9K00	A3E							78	A		Hindi language
HNG	TARNOK	11700.001	12	11	1230	1327	20.1	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	11700.003	12	11	1430	1450	29.1	VAT	PHL	BC	10K0E	A3E										
F	RAMBOUILLET	11708.000	04	10	1210	1350	22.0															
F	RAMBOUILLET	11710.000	04	10	0700	0710	45.0															

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	11710.000	26	10	0800			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	11715.000	23	10	0718	0718	41.5		CHN	BC	12K6	A3E									6	
ROU	BELCIUGATELE	11715.000	25	10	1300	1330	54.8	SOH XI WANG ZHI SHERIG	CHN	BC	9K00	A3E							71	A		Chinese Language
KOR	CRMS	11715.000	07	11	0646	0646	23.8		CHN	BC	14K5	A3E									6	
KOR	CRMS	11715.000	01	12	0714	0714	20.6		CHN	BC	14K7	A3E									6	
F	RAMBOUILLET	11725.000	04	10	0600	1000	45.0	RADIO NEW ZEALAND	NZL													
I	ROMA	11725.000	30	11	1425		27.0	R.FREE ASIA	KWT	BC	9K00E	A3E										
J	TOKYO	11730.000	25	12	0706				KRE				125	E	10	40	N	09	295	A		
KOR	CRMS	11735.000	23	10	0719	0719	37.0		KRE	BC	13K5	A3E									6	
F	RAMBOUILLET	11740.000	04	10	1100	1600	20.0	CNR 2	CHN													
KOR	CRMS	11740.000	11	10	0047	0047	23.3		CHN	BC	14K9	A3E									6	
ROU	BELCIUGATELE	11740.000	31	10	1150	1420	56.9	CNR 2-CHINA BUSINESS RADIO	CHN	BC	9K00	A3E							69	A		Chinese Language
I	ROMA	11740.000	30	11	1425		33.0	CNR. 2-CHINA BUSINES	CHN	BC	9K00E	A3E										
I	ROMA	11745.000	30	11	1425		31.0	AL-AZM RADIO	ARS	BC	9K00E	A3E										
HNG	TARNOK	11749.999	14	11	1100	1200	17.1	CRI	CHN	BC	10K2	A3E										
F	RAMBOUILLET	11750.000	04	10	0600	0800	32.0	CNR 1	CHN													
ROU	BELCIUGATELE	11750.000	26	10	0900	0955	70.9	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Emirler Arabic Language
I	ROMA	11750.000	30	11	1425		27.0	FEBC RADIO	PHL	BC	9K00E	A3E										
HNG	TARNOK	11750.001	14	11	1400	1430	36.3	FEBC RADIO	PHL	BC	11K8	A3E										
HNG	TARNOK	11750.015	14	11	0500	1100	22.0	CNR	CHN	BC	8K58	A3E									3	
HNG	TARNOK	11750.019	14	11	1430	1500	35.3	RFA	USA	BC	10K9	A3E									3	
ROU	BELCIUGATELE	11760.000	24	10	1227	1312	52.0	China Radio International	CHN	BC	7K50	A3E							83	A		Kunming-anning Chinese Language
HNG	TARNOK	11760.000	14	11	2000	2030	26.3	RFI	F	BC	11K4	A3E										
I	ROMA	11760.000	30	11	1425		34.0	R.HABANA CUBA	CUB	BC	9K00E	A3E										
ROU	BELCIUGATELE	11760.000	28	12	1440	1510	54.9	Voice of America	PHL	BC	9K00	A3E							83	A		Tibetan Language
HNG	TARNOK	11760.001	14	11	2300	2400	14.2	RHC	CUB	BC	11K9	A3E										
HNG	TARNOK	11760.003	14	11	1100	1800	31.7	RHC	CUB	BC	11K7	A3E										
HNG	TARNOK	11760.004	14	11	0430	0500	22.9	RFI	MDG	BC	9K63	A3E										
HNG	TARNOK	11764.997	14	11	1800	1830	53.2	BBC	BUL	BC	9K00	A3E										
HNG	TARNOK	11769.999	14	11	1100	1200	19.5	PBS XINJIANG	CHN	BC	11K7	A3E										
ROU	BELCIUGATELE	11770.000	24	10	1110	1207	39.7	PBS Xinjiang (CNR1)	CHN	BC	7K50	A3E							71	A		Urumqi Chinese Language
ROU	BELCIUGATELE	11770.000	26	10	1003	1047	36.3	PBS Xinjiang (CNR1)	CHN	BC	6K80	A3E							71	A		Urumqi Chinese Language
HNG	TARNOK	11770.003	14	11	0000	0357	32.2	CRI	CHN	BC	9K05	A3E										
HNG	TARNOK	11770.003	14	11	0500	0800	16.2	PBS	CHN	BC	9K78	A3E										
J	TOKYO	11770.010	26	10	2200			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11770.031	14	11	2300	2400	26.9	PBS XINJIANG	CHN	BC	11K8	A3E									3	
HNG	TARNOK	11774.999	14	11	0800	0900	16.7	SOH	CHN	BC	11K9	A3E										
HNG	TARNOK	11774.999	14	11	1100	1604	20.7	CNR6	CHN	BC	11K5	A3E										
KOR	CRMS	11775.000	06	10	0657	0657	6.7		CHN	BC	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
KOR	CRMS	11775.000	10	10	0734	0734	27.0		CHN	BC	14K5	A3E									6	
KOR	CRMS	11775.000	01	11	0518	0518	25.8		CHN	BC	14K7	A3E									6	
HNG	TARNOK	11775.000	14	11	2300	2400	33.6	RFA	USA	BC	11K8	A3E										
KOR	CRMS	11775.000	01	12	0715	0715	26.2		CHN	BC	15K0	A3E									6	
HNG	TARNOK	11775.012	10	10	1030	1100	61.0	VOA	CVA	BC	9K21	A3E									3	
J	TOKYO	11780.000	01	11	0000			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11780.001	14	11	0750	0900	14.9	RN DA AMAZONIA	B	BC	10K9	A3E										
HNG	TARNOK	11780.008	14	11	2000	2400	17.8	RN DA AMAZONIA	B	BC	11K9	A3E										
HNG	TARNOK	11780.013	14	11	0000	0300	26.4	RN DA AMAZONIA	B	BC	9K63	A3E									3	
HNG	TARNOK	11784.999	14	11	1100	1157	13.7	CRI	CHN	BC	11K9	A3E										
HNG	TARNOK	11785.000	14	11	1400	1457	62.7	CRI	CHN	BC	11K1	A3E										
ROU	BELCIUGATELE	11785.000	28	11	1444	1457	83.1	China Radio International	CHN	BC	16K0	A3E							82	A		Kashi-saibagh Chinese Language
I	ROMA	11785.000	30	11	1425		37.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
HNG	TARNOK	11785.003	14	11	0300	0357	26.8	RRO	ROU	BC	9K15	A3E										
ROU	BELCIUGATELE	11790.000	30	10	1310	1340	49.1	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							85	A		Chinese Language
J	TOKYO	11790.000	14	11	0715				KRE				125	E	28	40	N	19	297	A		
HNG	TARNOK	11790.000	14	11	1158	1400	32.2	CRI	CHN	BC	11K9	A3E										
J	TOKYO	11790.000	25	12	0707				KRE				125	E	41	39	N	31	293	B		
HNG	TARNOK	11790.005	14	11	2300	2400	36.8	CRI	CHN	BC	11K9	A3E										
HNG	TARNOK	11794.916	14	11	1230	1330	25.7	RFA	USA	BC	11K6	A3E									3	
HNG	TARNOK	11794.996	14	11	0926	1056	37.0	TRT	TUR	BC	11K8	A3E										
HNG	TARNOK	11794.999	14	11	1330	1430	29.2	RFA	KWT	BC	11K6	A3E										
ROU	BELCIUGATELE	11795.000	19	12	0953	1022	66.1	Voice of Turkey	TUR	BC	10K0	A3E							136	A		Emirler
HNG	TARNOK	11795.001	14	11	1100	1157	22.1	CRI	CHN	BC	11K9	A3E										
HNG	TARNOK	11795.005	14	11	2000	2030	58.7	AWR	D	BC	9K14	A3E										
F	RAMBOUILLET	11800.000	06	10	0600	0900	29.0	CNR	CHN													
HNG	TARNOK	11800.000	14	11	0600	0700	42.2	CNR2	CHN	BC	8K23	A3E										
HNG	TARNOK	11800.000	14	11	1700	1900	40.1	NHK	F	BC	8K01	A3E										
J	TOKYO	11801.700	14	11	0716														240	C		
F	RAMBOUILLET	11815.000	06	10	1500	1600	35.0	NHK WORLD RADIO JAPAN	J													
ROU	BELCIUGATELE	11815.000	28	11	1406	1443	89.9	Voice of Turkey	TUR	BC	9K00	A3E							135	A		Emirler Turkish Language
I	ROMA	11815.000	30	11	1425		37.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
ROU	BELCIUGATELE	11815.000	19	12	1024	1105	34.3	NHK World Radio Japan	J	BC	2K90	A3E							53	A		Ibaragi-koga-yamata Japanese Language
ROU	BELCIUGATELE	11820.000	19	12	0958	1025	47.5	VO Islamic Rep. Iran	IRN	BC	2K90	A3E							114	A		Sirjan Arabic Language
ROU	BELCIUGATELE	11825.000	09	10	1115	1145	41.5	VOICE OF AMERICA	PHL	BC	9K00	A3E							67	A		Chinese Language
ROU	BELCIUGATELE	11825.000	17	10	1035	1109	51.8	Voice of America	PHL	BC	20K0	A3E							67	A		Tinang Chinese Language
ROU	BELCIUGATELE	11825.000	18	10	1206	1256	69.0	Voice of America	THA	BC	20K0	A3E							68	A		Chinese Language
ROU	BELCIUGATELE	11825.000	26	10	1050	1130	67.1	Voice of America	PHL	BC	20K0	A3E							76	A		Tinang Chinese Language

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	11825.000	28	11	0659	0659	54.0		J	BC	11K9	A3E									6	
ROU	BELCIUGATELE	11825.000	28	11	1401	1430	58.2	Reach Beyond Australia (HCJB)	AUS	BC	9K00	A3E							97	A		Kununurra Burmese Language
KOR	CRMS	11825.000	30	11	0405	0405	57.3		MDG	BC	12K6	A3E									6	
I	ROMA	11825.000	30	11	1425		27.0	REACH BEYOND AUSTRAL	AUS	BC	9K00E	A3E										
F	RAMBOUILLET	11830.000	06	10	1530	1600	49.0	ROMANIA RADIO	ROU													
I	ROMA	11830.000	30	11	1425		25.0	VOICE OF AMERICA	STP	BC	9K00E	A3E										
J	TOKYO	11840.000	25	12	0708				KRE				126	E	01	39	N	42	294	B		
F	RAMBOUILLET	11850.000	06	10	1500	1600	52.0	RADIO FREE ASIA	TJK													
J	TOKYO	11860.000	03	10	0510				F			J2D	143	W	15	16	S	39	115	A		OCE
F	RAMBOUILLET	11860.000	09	10	0700	1800	29.0	PBS	CHN													
HNG	TARNOK	11860.001	16	11	0130	0227	36.9	CRI	CHN	BC	11K3	A3E										
F	RAMBOUILLET	11865.000	09	10	0600	1800	35.0	VOK	KRE													
J	TOKYO	11865.000	26	10	0717			V.O. KOREA	KRE	BC		A3E										
J	TOKYO	11865.000	26	10	2100			V.O. KOREA	KRE	BC		A3E										
HNG	TARNOK	11870.000	16	11	0200	0300	21.2	CRI	CHN	BC	10K8	A3E										
I	ROMA	11870.000	30	11	1425		18.0	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
HNG	TARNOK	11874.966	16	11	0423	0550	50.6	VO ISLAMIC R. IRAN	IRN	BC	16K8	A3E									3	
F	RAMBOUILLET	11875.000	09	10	0700	1800	39.0	CRI	CHN													
ROU	BELCIUGATELE	11875.000	10	11	0740	0759	61.0	Radio France International	F	BC	9K00	A3E							288	A		Issoudun Fulfulde Language
KOR	CRMS	11875.000	19	12	0622	0622	15.7		CHN	BC	15K0	A3E									6	
ROU	BELCIUGATELE	11875.000	19	12	1215	1248	58.7	Reach Beyond Australia (HCJB)	AUS	BC	10K0	A3E							94	A		Kununurra Hindi Language
HNG	TARNOK	11879.999	16	11	0100	0200	25.8	KBS	USA	BC	9K54	A3E										
I	ROMA	11880.000	30	11	1425		35.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
ROU	BELCIUGATELE	11880.000	28	12	1452	1522	60.2	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							79	A		English Language
HNG	TARNOK	11884.997	16	11	0000	0157	20.5	CRI	CHN	BC	9K88	A3E										
F	RAMBOUILLET	11885.000	09	10	0600	1800	32.0	TAIWAN RADIO	CHN													
HNG	TARNOK	11885.000	16	11	1430	2200	33.3	VOV	VTN	BC	10K7	A3E										
ROU	BELCIUGATELE	11885.000	19	12	1053	1155	46.0	?		BC		A3E							74	A	3	Arabian Language
ROU	BELCIUGATELE	11885.000	19	12	1053	1155	46.0	Radio Taiwan International	CHN	BC	10K0	A3E							71	A	3	Ibaragi-koga-yamata Japanese Language
F	RAMBOUILLET	11895.000	09	10	0600	1800	28.0	CRI	CHN													
ROU	BELCIUGATELE	11895.000	27	10	1040	1100	53.6	China Radio International	CHN	BC	10K0	A3E							71	A		Xianyang Chinese Language
HNG	TARNOK	11895.000	16	11	0100	0200	23.8	RFA	CHN	BC	9K65	A3E										
HNG	TARNOK	11895.000	16	11	0500	0600	19.9	BBC	I	BC	9K68	A3E										
F	RAMBOUILLET	11900.000	10	10	1200	1500	36.0	VOA														
J	TOKYO	11900.000	26	10	2300			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	11900.000	14	12	0000			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	11900.000	19	12	1250	1300	63.3	Voice of America	PHL	BC	20K0	A3E							71	A		Tinang Chinese Language
ROU	BELCIUGATELE	11900.000	19	12	1300	1332	52.7	China Radio International	CHN	BC	10K0	A3E							83	A		Kunming-anning 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	11905.000	10	10	0600	1500	35.0	CNR	CHN													
F	RAMBOUILLET	11910.000	10	10	1200	1500	32.0	CRI	CHN													
ROU	BELCIUGATELE	11910.000	19	12	1339	1359	61.0	China Radio International	CHN	BC	10K0	A3E							62	A		Beijing English Language
F	RAMBOUILLET	11925.000	10	10	1200	1900	34.0	CNR	CHN													
KOR	CRMS	11925.000	25	10	0649	0649	14.5	CRI	CHN	BC	14K9	A3E									3	
ROU	BELCIUGATELE	11925.000	25	10	1330	1400	64.9	CNR 1 VOICE OF CHINA	CHN	BC	9K00	A3E							66	A		Chinese Language
I	ROMA	11925.000	30	11	1425		34.0	CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	11935.000	10	10	0600	1200	33.0	CNR	CHN													
I	ROMA	11935.000	30	11	1425		18.0			BC	9K00E	A3E										
ROU	BELCIUGATELE	11940.000	19	12	1414	1430	67.9	Radio Nug	CHN	BC	10K0	A3E							73	A		Paochung Burmese Language
KOR	CRMS	11945.000	08	11	0005	0005	21.7		PHL	BC	14K9	A3E									6	
KOR	CRMS	11945.000	20	12	0029	0029	43.0		PHL	BC	14K0	A3E									6	
J	TOKYO	11947.000	17	10	0034				RUS			F1B	158	E	21	53	N	11	30	A		
F	RAMBOUILLET	11950.000	10	10	1200	1500	58.0	ROMANIA RADIO	ROU													
HNG	TARNOK	11950.000	18	11	0500	0856	16.7	PBS	CHN	BC	12K0	A3E										
HNG	TARNOK	11954.999	18	11	1500	1529	43.9	AWR	AUT	BC	9K50	A3E										
HNG	TARNOK	11954.999	18	11	1800	1929	22.1	AWR	AUT	BC	10K0E	A3E										
J	TOKYO	11955.000	03	10	0515				KRE			J2D	126	E	33	39	N	46	295	A		
F	RAMBOUILLET	11955.000	11	10	1200	2000	34.0	CRI	CHN													
ROU	BELCIUGATELE	11955.000	30	10	1340	1410	59.4	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							82	A		Indonesian Language
J	TOKYO	11955.000	14	11	0721				KRE										296	A		
HNG	TARNOK	11955.000	18	11	1230	1427	35.3	CRI	CHN	BC	10K1	A3E										
HNG	TARNOK	11955.000	18	11	1630	1700	26.7	AWR	D	BC	10K0E	A3E										
I	ROMA	11955.000	30	11	1425		45.0	ADVENTIST WORL R.	AUT	BC	9K00E	A3E										
J	TOKYO	11955.000	25	12	0708														297	D		
HNG	TARNOK	11955.009	18	11	0954	1055	46.5	TRT	TUR	BC	9K04	A3E										
HNG	TARNOK	11964.994	18	11	1400	1600	70.4	RFE/R.LIBERTY		BC	9K40	A3E										
ROU	BELCIUGATELE	11965.000	25	10	1320	1350	79.1	VOICE OF TURKEY	TUR	BC	9K00	A3E							137	A		Russian Language
HNG	TARNOK	11965.000	18	11	1330	1400	32.7			BC	10K0	A3E										
HNG	TARNOK	11965.000	18	11	2000	2059	32.1	NLS	MDG	BC	9K90	A3E										
I	ROMA	11965.000	30	11	1425		36.0	RFE/R.LIBERTY	KWT	BC	9K00E	A3E										
ROU	BELCIUGATELE	11965.000	20	12	1112	1123	42.1	KTWR Guam	USA	BC	10K0	A3E							64	A		Merizo English Language
HNG	TARNOK	11969.999	18	11	0500	0600	13.7	CNR-2	CHN	BC	11K9	A3E										
HNG	TARNOK	11970.010	18	11	0926	0953		TRT	TUR	BC	8K70	A3E										
HNG	TARNOK	11974.998	18	11	2130	2230	37.6	CRI	MLI	BC	18K0E	A3E										
F	RAMBOUILLET	11975.000	11	10	1200	2000	54.0	ROMANIA RADIO	ROU													
KOR	CRMS	11975.000	16	10	0521	0521	35.3		CHN	BC	14K9	A3E									6	
ROU	BELCIUGATELE	11975.000	27	10	1103	1110	54.1	PBS Xinjiang	CHN	BC	10K0	A3E							71	A		Urumqi Arabic Language
HNG	TARNOK	11975.000	18	11	1200	1300	22.9			BC	11K4	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	11975.000	18	11	1627	1657	23.7			BC	10K0E	A3E										
KOR	CRMS	11975.000	22	11	0128	0128	47.1		CHN	BC	14K6	A3E									6	
HNG	TARNOK	11975.001	18	11	2030	2100	20.9			BC	10K0E	A3E										
HNG	TARNOK	11979.998	18	11	1800	1859	20.0			BC	10K0E	A3E										
KOR	CRMS	11980.000	01	11	0529	0529	21.5		CHN	BC	15K0	A3E									6	
KOR	CRMS	11980.000	03	11	0651	0651	30.3		TJK	BC	14K9	A3E									6	
KOR	CRMS	11980.000	04	12	0410	0410	30.9		USA	BC	15K0	A3E									6	
KOR	CRMS	11980.000	18	12	0550	0550	38.1		TJK	BC	14K8	A3E									6	
HNG	TARNOK	11980.001	18	11	1500	1600	37.1	RFA	KWT	BC	11K7	A3E										
HNG	TARNOK	11980.002	18	11	0300	0700	13.1	RFA	KWT	BC	11K3	A3E										
HNG	TARNOK	11980.002	18	11	0700	0800	49.1	AWR	D	BC	10K9	A3E										
F	RAMBOUILLET	11985.000	11	10	1200	1900	34.0	CNR	CHN													
HNG	TARNOK	11985.001	18	11	1403	1500	52.5			BC	15K3	A3E										
HNG	TARNOK	11985.001	18	11	1600	1658	36.3			BC	10K0E	A3E										
HNG	TARNOK	11985.014	18	11	2100	2129	27.7	AWR	MDG	BC	10K0	A3E									3	
KOR	CRMS	11990.000	04	10	0527	0527	-8.5	KCB	KRE	BC	14K7	A3E									3	
KOR	CRMS	11990.000	06	10	0704	0704	0.4		CHN	BC	15K0	A3E									6	
J	TOKYO	11990.000	14	11	0724					BC		D7W							315	D		
HNG	TARNOK	11990.000	18	11	1330	1400	31.5			BC	10K0E	A3E										
KOR	CRMS	11990.000	01	12	0716	0716	9.3	CNR	CHN	BC	14K9	A3E									3	
HNG	TARNOK	11990.003	18	11	1100	1300	26.2			BC	10K0E	A3E										
HNG	TARNOK	11994.999	18	11	1800	1858	22.0	RFI	F	BC	10K0E	A3E										
HNG	TARNOK	11995.000	18	11	1400	1700	33.6	BBC	OMA	BC	10K0E	A3E										
F	RAMBOUILLET	12005.000	12	10	1100	1300	32.0	RADIO FARDA	D													
F	RAMBOUILLET	12005.000	12	10	1300	1600	41.0	RADIO FARDA	G													
ROU	BELCIUGATELE	12005.000	16	10	1320	1428	75.7	Radio Farda	G	BC	9K00	A3E							305	A		Woofferton Persian Language
ROU	BELCIUGATELE	12005.000	19	10	1141	1235	73.4	Radio Farda	D	BC	12K0	A3E							301	A		Lampertheim
ROU	BELCIUGATELE	12005.000	27	10	1100	1136	81.6	Radio Farda	D	BC	12K0	A3E							301	A		Lampertheim Persian Language
ROU	BELCIUGATELE	12005.000	30	10	1420	1450	72.2	R.FARDA	G	BC	9K00	A3E							301	A		Persian Language
ROU	BELCIUGATELE	12005.000	08	11	1344	1419	78.8	Radio Farda	D	BC	9K00	A3E							301	A		Biblis Persian Language
ROU	BELCIUGATELE	12005.000	10	11	0924	0949	78.4	Radio Farda	D	BC	9K00	A3E							301	A		Biblis Persian Language
I	ROMA	12005.000	30	11	1425		41.0	R.FARDA	D	BC	9K00E	A3E										
F	RAMBOUILLET	12015.000	12	10	1400	1700	36.0	VOICE OF KOREA	KRE													
I	ROMA	12015.000	30	11	1425		20.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
J	TOKYO	12020.000	26	10	1115			V.O. VIETNAM	VTN	BC		A3E										
ROU	BELCIUGATELE	12025.000	24	10	1430	1500	78.9	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							70	A		Chinese Language
J	TOKYO	12029.990	28	11	0416							J2B							296	C		
F	RAMBOUILLET	12035.000	12	10	1300	1700	37.0	VOA DEEWA RADIO	THA													
ROU	BELCIUGATELE	12035.000	19	10	1302	1324	62.2	Voa Deewa Radio	THA	BC	9K00	A3E							88	A		Udon Thani

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	12040.000	19	10	1251	1259	50.6	KTWR Guam	USA	BC	12K0	A3E							62	A		Merizo
I	ROMA	12040.000	30	11	1425		21.0	KSDA-ADVENTIST WORLD		BC	9K00E	A3E										
HNG	TARNOK	12049.990	20	11	1200	1300	31.2	KSDA AWR	USA	BC	19K8	A3E										
HNG	TARNOK	12050.000	20	11	0000	0700	12.2			BC	10K6	A3E										
HNG	TARNOK	12054.999	20	11	1330	1430	36.4	RFA	USA	BC	19K7	A3E										
ROU	BELCIUGATELE	12055.000	19	10	1327	1329	45.9	KSDA-Adventist World R. Guam	USA	BC	9K00	A3E							62	A		Agat
ROU	BELCIUGATELE	12055.000	27	10	1138	1150	59.7	CNR 17	CHN	BC	12K0	A3E							66	A		Lingshi Arabic Language
ROU	BELCIUGATELE	12055.000	08	11	1419	1430	60.9	Radio Free Asia	USA	BC	9K00	A3E							62	A		Tinian Island Burmese Language
ROU	BELCIUGATELE	12055.000	10	11	0952	1100	54.2	CNR 17	CHN	BC	18K0	A3E							67	A		Lingshi Kazakh Language
HNG	TARNOK	12055.000	20	11	0000	0900	18.1	CNR17	CHN	BC	11K2	A3E										
I	ROMA	12065.000	30	11	1425		19.0			BC	9K00E	A3E										
F	RAMBOUILLET	12070.000	13	10	1430	1700	39.0	CRI	CHN													
KOR	CRMS	12070.000	08	11	0006	0006	7.1		PHL	BC	15K0	A3E									6	
KOR	CRMS	12070.000	20	12	0030	0030	34.3		PHL	BC	14K5	A3E									6	
I	ROMA	12070.000	20	12	0722	0725	54.0	UNITED STATES AGENCY	USA	BC	9K00E	A3E							287	A		
HNG	TARNOK	12070.002	20	11	0430	0630	25.1	RADIO AZADI	KWT	BC	11K0	A3E										R. FREE AFGHANISTAN
HNG	TARNOK	12074.997	20	11	1600	1730	47.3	VOA	THA	BC	16K3	A3E										
ROU	BELCIUGATELE	12075.000	06	11	1500	1530	78.8	VOA RADIO ASHNA	THA	BC	9K00	A3E							88	A		Dari Language
ROU	BELCIUGATELE	12075.000	08	11	1449	1458	52.5	VOA Radio Ashna	KWT	BC	9K00	A3E							127	A		Kuwait Pashto Language
ROU	BELCIUGATELE	12075.000	08	11	1500	1522	69.3	VOA Radio Ashna	THA	BC	9K00	A3E							89	A		Udon Thani Dari Language
I	ROMA	12075.000	30	11	1425		20.0	VOA RADIO ASHNA	KWT	BC	9K00E	A3E										
HNG	TARNOK	12075.002	20	11	1830	2200	39.4	VOA	BOT	BC	18K4	A3E										
HNG	TARNOK	12080.000	20	11	1100	1200	41.0	VOA	PHL	BC	19K5	A3E										
ROU	BELCIUGATELE	12080.000	20	12	1200	1230	48.7	Voice of America	PHL	BC	9K00	A3E							68	A		Chinese language
ROU	BELCIUGATELE	12080.000	20	12	1230	1259	59.0	KSDA Adventist World R. Guam	USA	BC	9K00	A3E							64	A		Agat Chinese Language
HNG	TARNOK	12095.001	20	11	1100	1400	23.6	FEBC	PHL	BC	10K0E	A3E										
HNG	TARNOK	12095.001	20	11	2000	2200	46.1	BBC	G	BC	19K4	A3E										
HNG	TARNOK	12095.002	20	11	0500	0700	28.3	BBC	STP	BC	10K3	A3E										
J	TOKYO	12109.970	19	12	1001				THA	BC		A3E	102	E	05	17	N	10	251	B		
J	TOKYO	12110.000	23	10	2346				PHL	BC		A3E	120	E	36	15	N	17	226	A		
J	TOKYO	12110.000	28	11	0418					BC		A3E										
G	BALDOCK	12120.000	19	11				?		MS	1K20E	F1B							262	B		
ROU	BELCIUGATELE	12120.000	20	12	1314	1345	63.2	FEBC Radio Liangyou	PHL	BC	9K00	A3E							79	A		Bocaué Lisu Language
J	TOKYO	12130.000	11	10	0417					BC		A3E										
G	BALDOCK	12140.000	19	11				R. Free Afghanistan	KWT	BC	6K00E	A3E							108	B		
J	TOKYO	12140.000	28	11	0422					BC		A3E							295	C		
J	TOKYO	12145.300	21	11	0602				F			J2D	165	E	34	21	S	31	153	A		NCL
J	TOKYO	12146.350	14	11	0747				F			J2B	165	E	05	21	S	25	154	A		NCL

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	12146.400	19	12	1004				F			J2D	165	E	52	21	S	25	152	A		NCL
J	TOKYO	12146.400	25	12	0748				F			J2B	164	E	41	21	S	31	153	A		NCL
J	TOKYO	12146.430	03	10	0603														155	C		
KOR	CRMS	12150.000	05	10	0148	0148	13.6		CHN	BC	14K6	A3E										3
J	TOKYO	12150.020	03	10	0603			SOUND OF HOPE		BC		A3E										11
J	TOKYO	12150.030	11	10	0418			SOUND OF HOPE		BC		A3E							264	D		11
J	TOKYO	12150.050	17	10	0131			SOUND OF HOPE		BC		A3E	126	E	53	33	N	29	263	B		11 KOR
J	TOKYO	12150.050	07	11	1001			SOUND OF HOPE		BC		A3E	126	E	37	33	N	37	264	B		11
J	TOKYO	12150.060	23	10	2352			SOUND OF HOPE		BC		A3E	126	E	33	33	N	27	263	A		11 KOR
J	TOKYO	12159.910	03	10	0604			SOUND OF HOPE		BC		A3E										11
F	RAMBOUILLET	12160.000	18	10	1115	1145	29.0	KTWR	USA													
ROU	BELCIUGATELE	12160.000	20	12	1210	1240	44.8	SOH XI WANG ZHI SHENG	CHN	BC	9K00	A3E							63	A		Chinese language
F	RAMBOUILLET	12170.000	18	10	0645	1030	30.0															
J	TOKYO	12189.910	11	10	0419			SOUND OF HOPE		BC		A3E							243	D		11
J	TOKYO	12189.910	28	11	0425			SOUND OF HOPE		BC		A3E							240	C		11
J	TOKYO	12189.920	17	10	0133			SOUND OF HOPE		BC		A3E	120	E	48	24	N	24	242	A		11 TAIWAN
J	TOKYO	12189.920	07	11	1004			SOUND OF HOPE		BC		A3E	121	E	33	24	N	40	240	B		11
J	TOKYO	12189.920	14	11	0750			SOUND OF HOPE		BC		A3E	121	E	29	24	N	26	241	A		11 TAIWAN
J	TOKYO	12189.920	21	11	0605			SOUND OF HOPE		BC		A3E	121	E	27	24	N	51	242	B		11 TAIWAN
J	TOKYO	12189.920	11	12	2346			SOUND OF HOPE		BC		A3E	121	E	08	24	N	01	240	B		11 TAIWAN
J	TOKYO	12189.930	05	12	0131			SOUND OF HOPE		BC		A3E										11
J	TOKYO	12189.940	19	12	1006			SOUND OF HOPE		BC		A3E	121	E	10	24	N	26	241	B		11 TAIWAN
J	TOKYO	12189.940	25	12	0751			SOUND OF HOPE		BC		A3E	121	E	32	25	N	07	242	B		11 TAIWAN
KOR	CRMS	12190.000	06	10	0705	0705	0.4		CHN	BC	14K9	A3E										11
KOR	CRMS	12190.000	06	11	0828	0828	-3.2		CHN	BC	15K0	A3E										11
KOR	CRMS	12190.000	12	12	0707	0707	13.7		CHN	BC	15K0	A3E										11
J	TOKYO	12209.970	07	11	1005			SOUND OF HOPE		BC		A3E	121	E	07	24	N	29	240	B		11
J	TOKYO	12209.970	14	11	0752			SOUND OF HOPE		BC		A3E							241	C		11
J	TOKYO	12209.970	05	12	0132			SOUND OF HOPE		BC		A3E										11
J	TOKYO	12209.970	19	12	1007			SOUND OF HOPE		BC		A3E	120	E	55	23	N	55	240	B		11 TAIWAN
J	TOKYO	12209.970	25	12	0751			SOUND OF HOPE		BC		A3E	121	E	22	24	N	09	241	B		11 TAIWAN
J	TOKYO	12209.980	17	10	0135			SOUND OF HOPE		BC		A3E	121	E	07	24	N	17	241	B		11 TAIWAN
J	TOKYO	12209.980	23	10	2354			SOUND OF HOPE		BC		A3E	120	E	48	24	N	25	242	A		11 TAIWAN
J	TOKYO	12209.980	21	11	0608			SOUND OF HOPE		BC		A3E	120	E	40	23	N	30	240	B		11 TAIWAN
J	TOKYO	12209.980	28	11	0427			SOUND OF HOPE		BC		A3E							241	C		11
J	TOKYO	12209.980	11	12	2348			SOUND OF HOPE		BC		A3E	120	E	59	23	N	40	240	B		11 TAIWAN
KOR	CRMS	12210.000	10	10	0736	0736	-1.8		CHN	BC	14K9	A3E										11
KOR	CRMS	12210.000	03	11	0652	0652	-1.2		CHN	BC	14K9	A3E										11
KOR	CRMS	12210.000	01	12	0717	0717	-19.2		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
J	TOKYO	12210.160	11	10	0419			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12229.950	03	10	0605			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12229.950	11	10	0420			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12229.950	28	11	0430			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	12229.960	21	11	0609			SOUND OF HOPE		BC		A3E	121	E	17	23	N	59	240	B	11	TAIWAN
J	TOKYO	12229.960	25	12	0752			SOUND OF HOPE		BC		A3E	121	E	34	24	N	08	240	B	11	TAIWAN
J	TOKYO	12229.970	17	10	0138			SOUND OF HOPE		BC		A3E	121	E	29	24	N	15	240	A	11	TAIWAN
J	TOKYO	12229.970	23	10	2355			SOUND OF HOPE		BC		A3E	120	E	50	24	N	00	241	A	11	TAIWAN
J	TOKYO	12229.970	07	11	1006			SOUND OF HOPE		BC		A3E	121	E	43	24	N	18	240	B	11	
J	TOKYO	12229.970	14	11	0753			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	12229.970	05	12	0132			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12229.970	19	12	1008			SOUND OF HOPE		BC		A3E	121	E	07	24	N	17	240	B	11	TAIWAN
J	TOKYO	12229.980	11	12	2349			SOUND OF HOPE		BC		A3E	121	E	34	24	N	56	242	B	11	TAIWAN
KOR	CRMS	12230.000	05	10	0149	0149	-5.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	12230.000	02	11	0544	0544	-3.8		CHN	BC	15K0	A3E									11	
KOR	CRMS	12230.000	01	12	0717	0717	3.1		CHN	BC	14K7	A3E									11	
HNG	TARNOK	12245.000	22	11	1623	1645	33.9				30K0E	F0N										OTHR
J	TOKYO	12279.900	03	10	0610			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12279.910	11	10	0428			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12279.910	21	11	0610			SOUND OF HOPE		BC		A3E	120	E	55	22	N	56	238	B	11	TAIWAN
J	TOKYO	12279.920	14	11	0755			SOUND OF HOPE		BC		A3E	121	E	44	24	N	29	240	A	11	TAIWAN
J	TOKYO	12279.920	28	11	0431			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12279.930	17	10	0140			SOUND OF HOPE		BC		A3E	121	E	20	23	N	53	239	B	11	TAIWAN
J	TOKYO	12279.930	23	10	2356			SOUND OF HOPE		BC		A3E	120	E	25	23	N	13	240	A	11	TAIWAN
J	TOKYO	12279.930	07	11	1007			SOUND OF HOPE		BC		A3E	120	E	43	23	N	26	240	B	11	
J	TOKYO	12279.930	05	12	0133			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12279.940	19	12	1013			SOUND OF HOPE		BC		A3E	121	E	50	23	N	55	240	B	11	TAIWAN
J	TOKYO	12279.940	25	12	0753			SOUND OF HOPE		BC		A3E	121	E	39	25	N	16	242	B	11	TAIWAN
J	TOKYO	12279.950	11	12	2350			SOUND OF HOPE		BC		A3E	120	E	33	23	N	34	240	B	11	TAIWAN
HNG	TARNOK	12279.964	22	11	1230	1400	14.2	SOH	CHN	BC	11K9	A3E									11	
HNG	TARNOK	12304.000	22	11	0655	0755	24.8				2K70	J3E										USB
HNG	TARNOK	12314.900	22	11	0700	0800	44.1				3K00	G1D										STANAG 4285
G	BALDOCK	12315.000	19	11				?	I	FX	3K00E	G1D							132	B		2400
HNG	TARNOK	12325.000	22	11	0455	0500	25.5				3K00	G1D										STANAG 4285
I	ROMA	12325.000	28	11	0737	0817	32.0			FX	3K10E	G1D							107	A		STANAG 4285 2400BD
J	TOKYO	12332.710	05	12	0134				CHN				113	E	26	42	N	42	297	B		
J	TOKYO	12364.840	03	10	0610			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12364.860	11	10	0429			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12364.860	07	11	1013			SOUND OF HOPE		BC		A3E	120	E	47	23	N	19	240	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	12364.870	17	10	0141			SOUND OF HOPE		BC		A3E	120	E	33	23	N	21	240	B	11	TAIWAN
J	TOKYO	12364.870	23	10	2357			SOUND OF HOPE		BC		A3E	120	E	32	22	N	53	239	A	11	TAIWAN
J	TOKYO	12364.870	14	11	0759			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12364.870	28	11	0433			SOUND OF HOPE		BC		A3E							237	C	11	
J	TOKYO	12364.870	11	12	2354			SOUND OF HOPE		BC		A3E	120	E	43	23	N	08	239	B	11	TAIWAN
J	TOKYO	12364.880	21	11	0616			SOUND OF HOPE		BC		A3E	120	E	53	24	N	26	241	B	11	TAIWAN
J	TOKYO	12364.880	05	12	0134			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12364.890	25	12	0759			SOUND OF HOPE		BC		A3E	120	E	53	22	N	45	238	B	11	TAIWAN
HNG	TARNOK	12365.000	22	11	0705	0805	15.0				2K70	J3E										USB
J	TOKYO	12382.000	03	10	0611			XSG		FC		F3C	121	E	10	31	N	38	262	B		
J	TOKYO	12382.000	11	10	0432			XSG		FC		F3C	121	E	39	31	N	59	263	B		
J	TOKYO	12382.000	17	10	0146			XSG		FC		F3C	121	E	49	31	N	35	260	B		
J	TOKYO	12382.000	07	11	1015			XSG		FC		F3C	121	E	23	31	N	56	262	A		
J	TOKYO	12382.000	21	11	0619			XSG		FC		F3C	121	E	10	31	N	24	261	B		
J	TOKYO	12382.000	28	11	0438			XSG		FC		F3C							260	C		
J	TOKYO	12382.000	19	12	1017				CHN			F3C	121	E	15	31	N	03	259	A		
J	TOKYO	12412.490	11	10	0437			NOJ				F3C							42	D		
J	TOKYO	12429.860	11	10	0438			SOUND OF HOPE		BC		A3E	128	E	17	36	N	15	278	B	11	KOR
J	TOKYO	12429.870	03	10	0614			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12429.880	17	10	0149			SOUND OF HOPE		BC		A3E	127	E	54	37	N	00	281	B	11	KOR
J	TOKYO	12429.910	14	11	0804			SOUND OF HOPE		BC		A3E							283	C	11	
J	TOKYO	12429.920	07	11	1016			SOUND OF HOPE		BC		A3E	128	E	06	37	N	04	282	B	11	
J	TOKYO	12429.940	25	12	0806			SOUND OF HOPE		BC		A3E	127	E	23	36	N	25	278	B	11	KOR
KOR	CRMS	12430.000	05	10	0150	0150	7.1		CHN	BC	14K9	A3E									11	
J	TOKYO	12499.900	11	10	0439			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12499.920	03	10	0615			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12499.920	17	10	0152			SOUND OF HOPE		BC		A3E	120	E	43	23	N	44	240	B	11	TAIWAN
J	TOKYO	12499.920	24	10	0007			SOUND OF HOPE		BC		A3E	120	E	26	22	N	51	239	A	11	TAIWAN
J	TOKYO	12499.920	07	11	1019			SOUND OF HOPE		BC		A3E	121	E	11	23	N	43	240	B	11	
J	TOKYO	12499.930	14	11	0809			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12499.940	28	11	0440			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	12499.950	05	12	0135			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12499.950	12	12	0004			SOUND OF HOPE		BC		A3E	120	E	27	22	N	56	239	B	11	TAIWAN
J	TOKYO	12499.950	19	12	1021			SOUND OF HOPE		BC		A3E	121	E	02	23	N	50	240	B	11	TAIWAN
J	TOKYO	12499.960	25	12	0807			SOUND OF HOPE		BC		A3E	121	E	27	24	N	31	240	B	11	TAIWAN
KOR	CRMS	12500.000	23	10	0722	0722	12.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	12500.000	03	11	0653	0653	-2.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	12500.000	06	12	0110	0110	-3.7		CHN	BC	14K9	A3E									11	
J	TOKYO	12510.500	11	10	0444							F1B							262	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	12546.500	25	12	0810							F1B										
J	TOKYO	12549.500	28	11	0443					BC		A3E							239	C		
J	TOKYO	12549.510	21	11	0622			SOUND OF HOPE		BC		A3E	120	E	00	23	N	55	241	B	11	TAIWAN
J	TOKYO	12549.520	14	11	0811					BC		A3E							241	C		
J	TOKYO	12549.520	05	12	0139				CHN	BC		A3E	120	E	40	22	N	42	238	B		
J	TOKYO	12549.530	25	12	0811				CHN	BC		A3E	121	E	37	24	N	51	241	B		TAIWAN
J	TOKYO	12549.540	03	10	0615				CHN	BC		A3E	121	E	06	23	N	14	238	B		TAIWAN
J	TOKYO	12549.540	11	10	0448					BC		A3E							240	D		
J	TOKYO	12549.540	24	10	0008			SOUND OF HOPE		BC		A3E	120	E	26	23	N	00	239	A	11	TAIWAN
KOR	CRMS	12550.000	23	10	0722	0722	18.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	12550.000	03	11	0653	0653	-0.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	12550.000	01	12	0717	0717	0.8		CHN	BC	14K8	A3E									11	
ROU	BELCIUGATELE	12570.000	03	10	0841	0924	38.5	Stanag	HOL		3K00	G1D							308	A		Stanag-4285
G	BALDOCK	12570.000	19	11				?		MS	3K00E	G1D							122	C		2400
J	TOKYO	12576.990	14	11	0816							F1B							261	C		
ROU	BELCIUGATELE	12579.000	03	10	0803	0834	50.6	Navtex HF Safety		FX	3K00	F1B							31	A		Navtex
J	TOKYO	12579.000	14	11	0818							F1B							88	C		
G	BALDOCK	12579.000	19	11				?	D	FX	300HE	F1B							65	B		
J	TOKYO	12579.000	28	11	0447							F1B							87	C		
J	TOKYO	12579.000	25	12	0814				USA			F1B	157	W	56	21	N	07	87	B		HWA
J	TOKYO	12580.700	07	11	1030							F1B										
J	TOKYO	12603.500	21	11	0626				FJI			F1B	178	E	07	17	S	48	139	A		
J	TOKYO	12610.000	24	10	0014				RUS			F1B	094	E	57	71	N	49	341	B		
J	TOKYO	12610.000	14	11	0821							F1B							343	C		
G	BALDOCK	12610.000	19	11				?	RUS	FX	300HE	F1B							34	B		
J	TOKYO	12610.000	21	11	0627				RUS			F1B	134	E	56	43	N	59	335	B		
HNG	TARNOK	12610.000	26	11	0700	1900	40.3				300HE	F1B										200HZ, 50BD
J	TOKYO	12610.000	05	12	0140							F1B							339	C		
J	TOKYO	12610.000	12	12	0008				RUS			F1B	132	E	58	49	N	05	340	A		
J	TOKYO	12610.000	25	12	0817							F1B							337	C		
J	TOKYO	12613.000	17	10	0156			XSQ		FC		F1B										
J	TOKYO	12613.000	24	10	0015			XSQ		FC		F1B										
J	TOKYO	12613.000	07	11	1039			XSQ		FC		F1B										
J	TOKYO	12613.000	28	11	0455			XSQ				F1B							261	C		
J	TOKYO	12613.000	05	12	0140			XSQ		FC		F1B										
J	TOKYO	12613.000	12	12	0010			XSQ		FC		F1B										
J	TOKYO	12613.000	19	12	1024			XSQ		FC		F1B										
J	TOKYO	12613.000	25	12	0818			XSQ		FC		F1B							255	C		
J	TOKYO	12613.010	14	11	0825			XSQ		FC		F1B							263	C		

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	12624.000	03	10	0617			XSQ		FC		F1B										
J	TOKYO	12624.000	17	10	0157			XSQ		FC		F1B										
J	TOKYO	12624.000	24	10	0016			XSQ		FC		F1B										
J	TOKYO	12624.000	05	12	0142				CHN			F1B	114	E	18	22	N	17	246	B		
J	TOKYO	12629.300	05	12	0143				CHN			F3C	114	E	30	22	N	30	247	B		
J	TOKYO	12629.300	12	12	0012			XSQ		FC		F3C	114	E	11	22	N	53	248	B		
J	TOKYO	12629.310	28	11	0503				CHN			F3C	120	E	39	27	N	51	251	A		
HNG	TARNOK	12631.000	26	11	0900	1900	22.9				300HE	F1B										200HZ, 50BD
J	TOKYO	12637.500	03	10	0618			XSG		FC		F1B										
J	TOKYO	12637.500	11	10	0450			XSG		FC		F1B										
J	TOKYO	12637.500	17	10	0202			XSG		FC		F1B										
J	TOKYO	12637.500	24	10	0017				CHN			F1B	121	E	32	32	N	01	262	A		
J	TOKYO	12637.500	07	11	1040			XSG		FC		F1B										
J	TOKYO	12637.500	21	11	0634			XSG		FC		F1B										
J	TOKYO	12637.500	28	11	0507			XSG				F1B							261	C		
J	TOKYO	12637.500	05	12	0149			XSG		FC		F1B										
J	TOKYO	12637.500	12	12	0015			XSG		FC		F1B										
J	TOKYO	12637.500	25	12	0823			XSG		FC		F1B	121	E	21	31	N	06	260	B		
J	TOKYO	12637.510	14	11	0827			XSG		FC		F1B							260	C		
J	TOKYO	12638.500	21	11	0635			XSG		FC		F1B										
J	TOKYO	12638.500	19	12	1025			XSG		FC		F1B										
J	TOKYO	12648.500	03	10	0619			XSQ		FC		F1B										
J	TOKYO	12648.500	11	10	0453			XSQ		FC		F1B										
J	TOKYO	12648.500	17	10	0203			XSQ		FC		F1B										
J	TOKYO	12648.500	24	10	0018			XSQ		FC		F1B										
J	TOKYO	12648.500	28	11	0510			XSG				F1B							248	C		
J	TOKYO	12648.500	05	12	0150			XSQ		FC		F1B										
J	TOKYO	12648.500	12	12	0016			XSQ		FC		F1B										
J	TOKYO	12648.500	19	12	1027			XSQ		FC		F1B										
J	TOKYO	12648.500	25	12	0824			XSQ		FC		F1B							252	C		
G	BALDOCK	12654.000	19	11				TAH	TUR	FX	250HE	F1B							106	B		
HNG	TARNOK	12654.000	26	11	0700	2400	44.0				300HE	F1B										200HZ, 50BD
J	TOKYO	12660.250	28	11	0516				F			J2B	149	W	39	18	S	04	116	A		OCE
J	TOKYO	12665.300	21	11	0637				F			J2D	149	W	19	17	S	20	115	B		OCE
HNG	TARNOK	12666.000	26	11	0000	2400	21.5				3K00	G1D										STANAG 4285
J	TOKYO	12666.200	25	12	0832				F			J2B	149	W	27	17	S	58	116	B		OCE
J	TOKYO	12666.300	11	10	0454														116	D		
J	TOKYO	12666.300	07	11	1042							J2D										
J	TOKYO	12666.300	19	12	1028				F			J2D	148	W	58	17	S	30	114	B		OCE

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	12666.320	03	10	0620														120	C		
G	BALDOCK	12668.300	19	11				?	F	FX	3K00E	G1D							152	B		2400
HNG	TARNOK	12692.800	26	11	1600	1900	28.0				3K00	G1D										STANAG 4285
J	TOKYO	12701.000	25	12	0836				RUS			F1B	131	E	48	43	N	23	322	B		
G	BALDOCK	12702.700	19	11				?	E	FX	3K00E	G1D							208	B		2400
J	TOKYO	12703.500	11	10	0457														359	D		
G	BALDOCK	12706.400	19	11				?	E	FX	3K00E	G1D							208	B		2400
G	BALDOCK	12711.300	19	11				?	E	FX	3K00E	G1D							208	B		2400
J	TOKYO	12724.000	14	11	0832							F1B							350	C		
J	TOKYO	12724.000	28	11	0522				RUS			F1B	137	E	45	51	N	04	353	A		
J	TOKYO	12724.000	05	12	0152				RUS			F1B	137	E	48	50	N	46	353	B		
J	TOKYO	12724.000	25	12	0839				F			F1B	149	W	39	16	S	50	115	B		OCE
J	TOKYO	12724.020	19	12	1030				CHN			F1B	112	E	42	36	N	50	281	B		
J	TOKYO	12725.800	11	10	0459														116	D		
J	TOKYO	12725.800	07	11	1044							J2D										
J	TOKYO	12725.800	21	11	0643				F			J2D	149	W	47	17	S	48	116	A		OCE
J	TOKYO	12725.800	25	12	0840				F			F1B	149	W	27	17	S	47	116	B		OCE
J	TOKYO	12725.850	03	10	0625														116	C		
J	TOKYO	12725.900	28	11	0519				F			J2B	148	W	40	17	S	47	115	A		OCE
G	BALDOCK	12731.800	19	11				?	F	FX	3K00E	G1D							168	B		2400
F	RAMBOUILLET	12732.000	02	10	0600	1800	41.0															
J	TOKYO	12741.000	25	12	0843							F1B							335	C		
J	TOKYO	12749.970	28	11	0524			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	12785.980	17	10	0206			NMC		FC		F3C							50	C		
J	TOKYO	12789.000	17	10	0210							A1A										
J	TOKYO	12794.960	03	10	0626			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12794.970	11	10	0501			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12794.970	14	11	0835			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	12794.970	12	12	0018			SOUND OF HOPE		BC		A3E	120	E	43	22	N	50	238	B	11	TAIWAN
J	TOKYO	12794.970	19	12	1037			SOUND OF HOPE		BC		A3E	120	E	48	22	N	29	238	B	11	TAIWAN
J	TOKYO	12794.980	17	10	0215			SOUND OF HOPE		BC		A3E	120	E	38	23	N	26	240	B	11	TAIWAN
J	TOKYO	12794.980	21	11	0646			SOUND OF HOPE		BC		A3E	121	E	27	24	N	53	242	B	11	TAIWAN
J	TOKYO	12794.990	05	12	0152			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12795.000	25	12	0845			SOUND OF HOPE		BC		A3E	121	E	43	25	N	02	242	B	11	TAIWAN
F	RAMBOUILLET	12800.000	03	10	1250	1310	59.0															
J	TOKYO	12804.000	14	11	0839							F1B							322	C		
J	TOKYO	12804.000	21	11	0648				RUS			F1B	131	E	38	43	N	27	320	B		
J	TOKYO	12804.000	28	11	0527							F1B							321	C		
J	TOKYO	12804.000	05	12	0153				RUS			F1B	131	E	32	43	N	24	322	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	12807.010	28	11	1003	1024	34.7				100HE	A1B										
J	TOKYO	12819.860	03	10	0627			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12819.870	11	10	0506			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12819.890	21	11	0649			SOUND OF HOPE		BC		A3E	120	E	53	23	N	10	239	B	11	TAIWAN
J	TOKYO	12819.890	28	11	0529			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	12819.900	24	10	0019			SOUND OF HOPE		BC		A3E	120	E	28	23	N	16	240	A	11	TAIWAN
J	TOKYO	12819.900	07	11	1048			SOUND OF HOPE		BC		A3E	121	E	22	23	N	55	239	B	11	
J	TOKYO	12819.900	14	11	0840			SOUND OF HOPE		BC		A3E	122	E	50	22	N	30	238	A	11	TAIWAN
J	TOKYO	12819.910	17	10	0218			SOUND OF HOPE		BC		A3E	120	E	43	23	N	28	240	B	11	TAIWAN
J	TOKYO	12819.920	05	12	0153			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12819.920	19	12	1038			SOUND OF HOPE		BC		A3E	121	E	05	23	N	01	238	B	11	TAIWAN
J	TOKYO	12819.930	12	12	0020			SOUND OF HOPE		BC		A3E	121	E	34	24	N	21	240	B	11	TAIWAN
J	TOKYO	12819.940	25	12	0847			SOUND OF HOPE		BC		A3E	121	E	11	23	N	26	239	B	11	TAIWAN
KOR	CRMS	12820.000	04	10	0528	0528	-10.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	12820.000	03	11	0653	0653	-2.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	12820.000	01	12	0717	0717	-7.2		CHN	BC	14K9	A3E									11	
J	TOKYO	12835.000	03	10	0627			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	12835.000	05	10	0153	0153	-7.3		CHN	BC	14K4	A3E									11	
J	TOKYO	12835.010	11	10	0507			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12835.010	24	10	0030			SOUND OF HOPE		BC		A3E	120	E	22	23	N	10	240	B	11	TAIWAN
J	TOKYO	12835.020	17	10	0220			SOUND OF HOPE		BC		A3E	120	E	55	23	N	37	240	B	11	TAIWAN
J	TOKYO	12835.020	07	11	1049			SOUND OF HOPE		BC		A3E	120	E	40	23	N	34	240	B	11	
J	TOKYO	12835.020	21	11	0650			SOUND OF HOPE		BC		A3E	120	E	53	23	N	32	240	B	11	TAIWAN
J	TOKYO	12835.020	28	11	0531			SOUND OF HOPE		BC		A3E							238	C	11	
J	TOKYO	12835.020	12	12	0021			SOUND OF HOPE		BC		A3E	120	E	20	23	N	26	240	B	11	TAIWAN
J	TOKYO	12835.030	05	12	0154			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12835.030	19	12	1038			SOUND OF HOPE		BC		A3E	120	E	43	22	N	45	238	B	11	TAIWAN
J	TOKYO	12835.040	25	12	0847			SOUND OF HOPE		BC		A3E	121	E	21	23	N	46	239	B	11	TAIWAN
G	BALDOCK	12840.500	19	11				?		FX	1K20E	F1B							181	C		
HNG	TARNOK	12840.500	28	11	0640	1730	50.4	PBB	HOL	FB	950H	F1B										840HZ,75BD
J	TOKYO	12860.000	11	10	0508														317	D		
J	TOKYO	12864.980	03	10	0628			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12864.980	19	12	1039			SOUND OF HOPE		BC		A3E	121	E	00	22	N	49	238	B	11	TAIWAN
J	TOKYO	12864.990	17	10	0222			SOUND OF HOPE		BC		A3E	121	E	35	23	N	59	239	B	11	TAIWAN
J	TOKYO	12864.990	24	10	0031			SOUND OF HOPE		BC		A3E	121	E	05	22	N	49	238	A	11	TAIWAN
J	TOKYO	12864.990	14	11	0842			SOUND OF HOPE		BC		A3E	121	E	11	23	N	40	239	A	11	TAIWAN
J	TOKYO	12864.990	21	11	0655			SOUND OF HOPE		BC		A3E	120	E	35	22	N	45	238	B	11	TAIWAN
J	TOKYO	12864.990	28	11	0534			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12864.990	12	12	0021			SOUND OF HOPE		BC		A3E	120	E	49	23	N	05	239	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	12864.990	25	12	0850			SOUND OF HOPE		BC		A3E	120	E	36	23	N	34	240	B	11	TAIWAN
KOR	CRMS	12865.000	31	10	0624	0624	28.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	12865.000	21	11	0529	0529	33.0		CHN	BC	14K8	A3E									11	
J	TOKYO	12865.000	05	12	0154			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	12865.000	21	12	0414	0414	20.7		CHN	BC	14K8	A3E									11	
F	RAMBOUILLET	12872.000	05	10	0720	0800	20.0															
G	BALDOCK	12875.400	19	11				?	F	FX	3K00E	G1D							168	B		2400
HNG	TARNOK	12875.450	28	11	0630	1627	40.8				2K80	G1D										STANAG 4285
J	TOKYO	12879.770	21	11	0656			SOUND OF HOPE		BC		A3E	120	E	23	23	N	01	239	B	11	TAIWAN
J	TOKYO	12879.770	28	11	0535			SOUND OF HOPE		BC		A3E							243	C	11	
J	TOKYO	12879.780	03	10	0628			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12879.780	11	10	0509			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12879.780	17	10	0227			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	12879.780	07	11	1050			SOUND OF HOPE		BC		A3E	121	E	20	24	N	26	240	B	11	
J	TOKYO	12879.780	14	11	0844			SOUND OF HOPE		BC		A3E							243	C	11	
J	TOKYO	12879.780	05	12	0155			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12879.780	25	12	0850			SOUND OF HOPE		BC		A3E	121	E	37	24	N	24	240	B	11	TAIWAN
J	TOKYO	12879.790	19	12	1040			SOUND OF HOPE		BC		A3E	121	E	00	22	N	47	238	B	11	TAIWAN
J	TOKYO	12879.980	12	12	0022			SOUND OF HOPE		BC		A3E	121	E	11	24	N	59	242	B	11	TAIWAN
KOR	CRMS	12880.000	05	10	0153	0153	-12.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	12880.000	03	11	0653	0653	-2.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	12880.000	01	12	0718	0718	-6.1		CHN	BC	14K8	A3E									11	
F	RAMBOUILLET	12885.000	05	10	0730	0900	20.0															
G	BALDOCK	12885.400	19	11				?	F	FX	3K00E	G1D							152	B		2400
HNG	TARNOK	12885.400	28	11	0630	1620	42.9				2K80	G1D										STANAG 4285
J	TOKYO	12912.200	21	11	0657				AUS			J2D	147	E	02	26	S	51	173	A		
G	BALDOCK	12912.400	19	11				?		FX	3K00E	G1D							237	B		2400
J	TOKYO	12943.750	14	11	0847				F			J2B	166	E	10	21	S	37	152	A		NCL
HNG	TARNOK	13000.000	30	11	0451	0600	39.1				20K0E	F0N										OTHR
J	TOKYO	13019.880	11	10	0515			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13019.880	07	11	1052			SOUND OF HOPE		BC		A3E	121	E	26	24	N	00	240	B	11	
J	TOKYO	13019.880	28	11	0537			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	13019.890	17	10	0231			SOUND OF HOPE		BC		A3E	120	E	58	23	N	39	240	B	11	TAIWAN
J	TOKYO	13019.910	14	11	0849			SOUND OF HOPE		BC		A3E	121	E	34	24	N	42	241	A	11	TAIWAN
J	TOKYO	13019.920	25	12	0851			SOUND OF HOPE		BC		A3E	121	E	27	24	N	38	241	B	11	TAIWAN
J	TOKYO	13020.000	03	10	0629			CHINA N.R.		BC		A3E	116	E	14	24	N	56	250	B		
KOR	CRMS	13020.000	04	10	0529	0529	21.2		CHN	BC	14K9	A3E									11	
J	TOKYO	13020.000	11	10	0516					BC		A3E							249	D		
J	TOKYO	13020.000	17	10	0231				CHN	BC		A3E	117	E	32	25	N	49	250	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	13020.000	24	10	0033				CHN	BC		A3E	117	E	24	25	N	45	250	A		
KOR	CRMS	13020.000	01	11	0530	0530	19.8		CHN	BC	14K8	A3E									11	
G	BALDOCK	13020.000	19	11				SQH Xi Wang Sheng	CHN	BC	6K00E	A3E							36	C		
J	TOKYO	13020.000	21	11	0700			CHINA N.R.		BC		A3E	119	E	22	26	N	24	249	B	11	
J	TOKYO	13020.000	28	11	0537					BC		A3E										
KOR	CRMS	13020.000	01	12	0718	0718	9.6		CHN	BC	14K6	A3E									11	
J	TOKYO	13020.000	05	12	0156			CHINA N.R.		BC		A3E	110	E	21	37	N	20	282	B	11	
J	TOKYO	13020.000	12	12	0033			CHINA N.R.		BC		A3E							248	B	11	
J	TOKYO	13020.000	19	12	1049			CHINA N.R.		BC		A3E	087	E	42	43	N	45	298	B	11	
G	BALDOCK	13033.000	19	11				?		MS	3K00E	G1D							253	B		2400
HNG	TARNOK	13033.000	30	11	0445	0600	17.8				2K80	G1D										STANAG 4285
J	TOKYO	13037.000	24	10	0035				RUS				137	E	08	50	N	17	352	A		
J	TOKYO	13039.600	11	10	0517														295	D		
J	TOKYO	13039.900	03	10	0631				KRE				126	E	14	40	N	22	297	B		
HNG	TARNOK	13044.300	30	11	0456	0600	15.4				2K80	G1D										STANAG 4285
G	BALDOCK	13059.400	19	11				?	E	FX	3K00E	G1D							211	B		
KOR	CRMS	13070.000	23	10	0722	0722	18.0		CHN	BC	15K0	A3E									11	
KOR	CRMS	13070.000	01	11	0530	0530	-7.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	13070.000	11	12	0404	0404	9.6		CHN	BC	14K9	A3E									11	
J	TOKYO	13070.130	03	10	0632			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13070.140	11	10	0520			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13070.140	17	10	0238			SOUND OF HOPE		BC		A3E	120	E	35	23	N	23	240	B	11	TAIWAN
J	TOKYO	13070.140	24	10	0038			SOUND OF HOPE		BC		A3E	121	E	26	25	N	04	242	A	11	TAIWAN
J	TOKYO	13070.140	07	11	1057			SOUND OF HOPE		BC		A3E	120	E	43	23	N	23	240	B	11	
J	TOKYO	13070.140	14	11	0851			SOUND OF HOPE		BC		A3E	121	E	34	24	N	58	242	A	11	TAIWAN
J	TOKYO	13070.140	21	11	0705			SOUND OF HOPE		BC		A3E	121	E	22	25	N	02	242	B	11	TAIWAN
J	TOKYO	13070.140	28	11	0538			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	13070.150	05	12	0156			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13070.150	19	12	1050			SOUND OF HOPE		BC		A3E	121	E	15	24	N	02	240	B	11	TAIWAN
J	TOKYO	13070.160	25	12	0856			SOUND OF HOPE		BC		A3E	121	E	24	24	N	33	241	B	11	TAIWAN
J	TOKYO	13092.000	24	10	0042				CHN			J3E	116	E	44	39	N	14	288	B		
J	TOKYO	13100.170	05	12	0206				CHN				127	E	40	43	N	14	312	B		
I	ROMA	13128.000	19	10	1040	1041	22.0	TAH	TUR	FX	2K70E	J3E							87	A		METEO
I	ROMA	13134.000	17	11	1157	1200	32.0	SVO	GRC	FC	2K70E	J3E							117	A		
J	TOKYO	13159.830	21	11	0710			SOUND OF HOPE		BC		A3E	121	E	05	24	N	04	240	B	11	TAIWAN
J	TOKYO	13159.830	28	11	0539			SOUND OF HOPE		BC		A3E							243	C	11	
J	TOKYO	13159.840	03	10	0633			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13159.840	11	10	0521			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13159.840	17	10	0241			SOUND OF HOPE		BC		A3E	121	E	22	23	N	59	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	13159.840	12	12	0037			SOUND OF HOPE		BC		A3E	121	E	18	25	N	11	243	B	11	TAIWAN
J	TOKYO	13159.850	07	11	1059			SOUND OF HOPE		BC		A3E	121	E	17	24	N	02	240	B	11	
J	TOKYO	13159.860	14	11	0855			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	13159.860	05	12	0214			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13159.880	19	12	1054			SOUND OF HOPE		BC		A3E	121	E	02	22	N	54	238	B	11	TAIWAN
J	TOKYO	13159.880	25	12	0857			SOUND OF HOPE		BC		A3E	121	E	34	24	N	56	242	B	11	TAIWAN
KOR	CRMS	13160.000	05	10	0155	0155	-4.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	13160.000	01	11	0530	0530	-4.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	13160.000	01	12	0718	0718	3.2		CHN	BC	14K7	A3E									11	
I	ROMA	13170.000	19	10	1041	1048	23.0	SVO	GRC	FC	2K70E	J3E							118	A		USB
J	TOKYO	13179.160	11	10	0523							F1B										
J	TOKYO	13206.000	21	11	0714				CHN			A1A	114	E	20	30	N	38	265	B		
I	ROMA	13214.000	15	12	1155		1.0	4XZ	ISR	FX	100HE	A1A							113	A		
I	ROMA	13215.000	15	12	1221	1225	4.0	613	E	MA	2K70E	J3E										
I	ROMA	13215.000	15	12	1221	1225	16.0	ANDALUSIA	E	FA	2K70E	J3E							267	A		
HNG	TARNOK	13230.000	02	12	1010	1100	15.6	GANDER VOLMET	CAN	SM	2K70	J3E										USB
HNG	TARNOK	13250.000	01	12	0735	0907	19.5				5K28	A3E										
F	RAMBOUILLET	13264.000	19	10	0915	1800	37.0															
I	ROMA	13264.000	20	11	1818	1819	48.0	SHANNON VOLMET	IRL	FA	2K70E	J3E							312	A		
HNG	TARNOK	13264.000	02	12	0635	0639	15.6				2K70	J3E										USB
HNG	TARNOK	13270.000	02	12	0636	2100	31.0	SHANNON VOLMET	IRL	SM	2K70	J3E										USB
J	TOKYO	13276.000	11	10	0524			SANFRANCISCO		FA		J2D										
J	TOKYO	13282.000	17	10	0245			HONGKONG				J3E										
J	TOKYO	13282.000	21	11	0718			HONGKONG				J3E										
J	TOKYO	13285.000	11	10	0528				CHN			J3E	116	E	15	40	N	05	291	B		
J	TOKYO	13285.000	28	11	0541							J3E							249	C		
J	TOKYO	13285.000	12	12	0043				CHN			J3E	113	E	55	22	N	36	247	B		
J	TOKYO	13285.000	19	12	1058				CHN			J3E	116	E	08	39	N	38	289	A		
J	TOKYO	13285.000	25	12	0858				CHN			J3E	116	E	25	39	N	48	290	B		
I	ROMA	13306.000	15	12	1157		6.0	SANTA MARIA	POR	FA	2K70E	J3E										
I	ROMA	13306.000	15	12	1441		4.0	NEW YORK RADIO	USA	FA	2K70E	J7B							300	B		AIR TRAFFIC CONTROL
I	ROMA	13318.000	19	12	1015	1020	1.0	SAMARA	RUS	FA	2K70E	J3E										VOLMET
J	TOKYO	13324.000	03	10	0636			MOLOKAI		FA		J2D										
J	TOKYO	13324.000	11	10	0531			MOLOKAI		FA		J2D										
J	TOKYO	13324.000	28	11	0543			MOLOKAI		FA		J2D										
I	ROMA	13327.000	28	12	1200		14.0	IBERIA	E	FA	2K70E	J3E							267	A		RADIO CHECK
I	ROMA	13339.000	28	12	1221		18.0	SAUDIA 9030	ARS	MA	2K70E	J3E										CALL JEDDAH ATC
J	TOKYO	13342.000	12	12	0047			MUAN		FA		J2D										
J	TOKYO	13342.000	25	12	0902			MUAN		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	13349.920	28	11	0544														293	C		
J	TOKYO	13377.950	14	11	0857				RUS			J2D	108	E	27	51	N	46	314	A		
J	TOKYO	13416.700	19	12	1104							J2D										
J	TOKYO	13416.850	25	12	0909							J2B										
J	TOKYO	13419.800	21	11	0725				SLM			F1B	158	E	52	08	S	43	155	B		
J	TOKYO	13437.000	11	10	0533							F1B							351	D		
J	TOKYO	13437.000	05	12	0219				RUS			F1B	136	E	48	50	N	03	351	B		
J	TOKYO	13437.000	12	12	0101				RUS			F1B	137	E	19	50	N	42	352	B		
KOR	CRMS	13470.000	31	10	0624	0624	20.0		CHN	BC	15K0	A3E									11	
KOR	CRMS	13470.000	21	11	0529	0529	27.4		CHN	BC	14K6	A3E									11	
KOR	CRMS	13470.000	21	12	0415	0415	23.5		CHN	BC	14K9	A3E									11	
J	TOKYO	13470.050	03	10	0638			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13470.050	11	10	0535			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13470.050	17	10	0248			SOUND OF HOPE		BC		A3E	120	E	09	23	N	03	240	B	11	TAIWAN
J	TOKYO	13470.050	24	10	0058			SOUND OF HOPE		BC		A3E	120	E	26	23	N	18	240	A	11	TAIWAN
J	TOKYO	13470.050	07	11	1105			SOUND OF HOPE		BC		A3E	120	E	56	22	N	41	238	B	11	
J	TOKYO	13470.050	14	11	0859			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	13470.050	21	11	0729			SOUND OF HOPE		BC		A3E	121	E	10	24	N	29	241	B	11	TAIWAN
J	TOKYO	13470.050	28	11	0547			SOUND OF HOPE		BC		A3E	121	E	37	24	N	53	242	A	11	TAIWAN
J	TOKYO	13470.050	19	12	1108			SOUND OF HOPE		BC		A3E	120	E	50	22	N	40	237	B	11	TAIWAN
J	TOKYO	13470.050	25	12	0916			SOUND OF HOPE		BC		A3E	121	E	22	23	N	26	239	B	11	TAIWAN
J	TOKYO	13470.060	05	12	0220			SOUND OF HOPE		BC		A3E									11	
I	ROMA	13488.000	01	12	1030	1042	30.0			FX	3K00E	G1D							359	B		STANAG 4285
J	TOKYO	13494.930	11	10	0538			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13494.930	07	11	1107			SOUND OF HOPE		BC		A3E	121	E	26	24	N	04	240	B	11	GUM
J	TOKYO	13494.940	03	10	0639			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13494.940	17	10	0249			SOUND OF HOPE		BC		A3E	120	E	48	23	N	30	240	B	11	TAIWAN
J	TOKYO	13494.940	14	11	0901			SOUND OF HOPE		BC		A3E	121	E	14	23	N	37	239	C	11	TAIWAN
J	TOKYO	13494.940	21	11	0730			SOUND OF HOPE		BC		A3E	121	E	10	24	N	29	241	B	11	TAIWAN
J	TOKYO	13494.950	28	11	0548			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	13494.950	05	12	0221			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13494.950	19	12	1109			SOUND OF HOPE		BC		A3E	120	E	48	22	N	20	237	B	11	TAIWAN
J	TOKYO	13494.960	25	12	0918			SOUND OF HOPE		BC		A3E	121	E	27	24	N	56	242	B	11	TAIWAN
I	ROMA	13527.900	17	10	1444	1446	15.0	S	RUS	RN	100HE	A1A										REPEATS THE LETTER S
J	TOKYO	13527.900	14	11	0800			S				A1A										
J	TOKYO	13527.900	25	12	0801			S				A1A										
J	TOKYO	13528.200	05	12	0131			F				A1A							323	D		
J	TOKYO	13528.300	03	10	0600			K				A1A							29	D		
J	TOKYO	13528.300	11	10	0415			K				A1A							23	C		

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	13528.300	17	10	0132			K				A1A	158	E	29	53	N	23	30	B		
J	TOKYO	13528.300	14	11	0801			K				A1A	157	E	05	53	N	10	28	B		
J	TOKYO	13528.300	21	11	0603			K				A1A	158	E	52	54	N	34	28	B		
J	TOKYO	13528.300	28	11	0500			K				A1A	158	E	23	53	N	09	30	A		
J	TOKYO	13528.300	05	12	0132			K				A1A							29	D		
J	TOKYO	13528.300	25	12	0802			K				A1A	156	E	53	52	N	45	29	B		
J	TOKYO	13528.400	03	10	0600			M				A1A							359	D		
J	TOKYO	13528.400	11	10	0416			M				A1A							0	C		
J	TOKYO	13528.400	17	10	0132			M				A1A	140	E	19	48	N	51	359	B		
J	TOKYO	13528.400	14	11	0802			M				A1A	140	E	27	51	N	29	0	B		
J	TOKYO	13528.400	21	11	0603			M				A1A	140	E	27	53	N	30	0	B		
J	TOKYO	13528.400	28	11	0500			M				A1A	139	E	53	48	N	30	358	A		
J	TOKYO	13528.400	25	12	0802			M				A1A	139	E	55	51	N	14	359	B		
KOR	CRMS	13530.000	12	10	0449	0449	14.2		CHN	BC	14K9	A3E									11	
J	TOKYO	13530.000	23	10	2346			CHINA N.R.		BC		A3E	114	E	18	38	N	58	287	B	11	
F	RAMBOUILLET	13530.000	25	10	0700	1500	25.0	SQH XI	CHN													
KOR	CRMS	13530.000	01	11	0531	0531	-2.8		CHN	BC	14K9	A3E									11	
J	TOKYO	13530.000	21	11	0606			CHINA N.R.		BC		A3E	106	E	52	34	N	32	277	B	11	
J	TOKYO	13530.000	28	11	0415			CHINA N.R.		BC		A3E	108	E	43	18	N	49	247	A	11	
KOR	CRMS	13530.000	01	12	0718	0718	14.3		CHN	BC	13K2	A3E									11	
J	TOKYO	13530.000	05	12	0133			CHINA N.R.		BC		A3E							247	C	11	
J	TOKYO	13530.000	25	12	0808			CHINA N.R.		BC		A3E	124	E	11	47	N	15	319	B	11	
J	TOKYO	13530.210	07	11	1000			SOUND OF HOPE		BC		A3E									11	TAIWAN
J	TOKYO	13530.220	17	10	0133			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13530.220	28	11	0500			SOUND OF HOPE		BC		A3E	121	E	23	24	N	41	241	A	11	TAIWAN
J	TOKYO	13530.220	25	12	0808			SOUND OF HOPE		BC		A3E	120	E	28	23	N	48	242	B	11	TAIWAN
J	TOKYO	13540.000	07	11	1002							F1B										TAIWAN
J	TOKYO	13541.000	14	11	0808				RUS			F1B	131	E	47	43	N	20	322	B		
F	RAMBOUILLET	13541.100	25	10	0900	1800	27.0															
J	TOKYO	13549.930	03	10	0601			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13549.940	11	10	0420			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13549.950	21	11	0608			SOUND OF HOPE		BC		A3E	120	E	21	23	N	14	240	B	11	
J	TOKYO	13549.950	28	11	0417			SOUND OF HOPE		BC		A3E	120	E	23	22	N	44	239	A	11	TAIWAN
J	TOKYO	13549.960	17	10	0134			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13549.960	23	10	2349			SOUND OF HOPE		BC		A3E	121	E	15	24	N	08	240	A	11	TAIWAN
J	TOKYO	13549.960	07	11	1003			SOUND OF HOPE		BC		A3E							240	D	11	TAIWAN
J	TOKYO	13549.960	14	11	0811			SOUND OF HOPE		BC		A3E	120	E	18	22	N	49	239	B	11	TAIWAN
J	TOKYO	13549.960	05	12	0138			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13549.970	19	12	1000			SOUND OF HOPE		BC		A3E	120	E	18	22	N	53	240	A	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	13549.980	25	12	0810			SOUND OF HOPE		BC		A3E	120	E	28	24	N	17	242	B	11	TAIWAN
J	TOKYO	13558.000	23	10	2352				RUS			F1B	137	E	18	50	N	33	352	A		
J	TOKYO	13558.000	07	11	1003							F1B							345	D		TAIWAN
J	TOKYO	13558.000	19	12	1002							F1B										
F	RAMBOUILLET	13559.900	25	10	0700	1800	27.0															
J	TOKYO	13569.990	03	10	0605			HLL2				F3C	127	E	59	36	N	03	276	A		
J	TOKYO	13569.990	05	12	0148			HLL2				F3C	128	E	04	36	N	04	277	B		
J	TOKYO	13570.000	11	10	0422			HLL2				F3C							278	C		
J	TOKYO	13570.000	17	10	0135			HLL2				F3C	128	E	53	36	N	21	278	B		
KOR	CRMS	13570.000	01	11	0533	0533	19.4		CHN	BC	14K9	A3E									6	
KOR	CRMS	13570.000	02	11	0544	0544	8.5		CHN	BC	14K5	A3E									11	
J	TOKYO	13570.000	14	11	0816			HLL2				F3C	128	E	24	36	N	09	277	A		
J	TOKYO	13570.000	21	11	0611			CHINA N.R.		BC		A3E	107	E	21	34	N	38	277	B		
J	TOKYO	13570.000	21	11	0630			HLL2				F3C	127	E	10	35	N	15	272	B		
J	TOKYO	13570.000	28	11	0418				KOR			F3C										
KOR	CRMS	13570.000	04	12	0411	0411	3.8		CHN	BC	14K3	A3E									6	
HNG	TARNOK	13570.000	06	12	0900	1130	22.7	CNR 2	CHN	BC	9K63	A3E										
J	TOKYO	13578.000	03	10	0612							F1B							322	D		
ROU	BELCIUGATELE	13580.000	09	10	1130	1200	66.5	RADIO FREE ASIA	TJK	BC	9K00	A3E							87	A		Tibetan Language
KOR	CRMS	13580.000	27	10	0202	0202	52.8		CHN	BC	14K7	A3E									6	
I	ROMA	13580.000	19	12	0943	0944	32.0	USAGM	KWT	BC	9K00E	A3E							102	A		
HNG	TARNOK	13580.001	03	12	1253	1338	42.5				12K0E	F0N									11	OTHR
I	ROMA	13585.000	17	10	1423	1424	50.0	TDF DRM	F	BC	10K0E	X7W							306	A		DRM
I	ROMA	13590.000	10	10	0834	0835	23.0	ISLAMIC REP.IRAN	IRN	BC	9K00E	A3E							95	A		
G	BALDOCK	13590.000	18	10				IFRIK	ALG	BC	9K00E	A3E							182	B		
J	TOKYO	13590.000	26	10	0300			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	13590.000	04	11				VOA DEEWA RADIO	D	BC	9K00E	A3E							111	B		
KOR	CRMS	13590.000	07	11	0650	0650	17.7		CHN	BC	14K8	A3E									6	
HNG	TARNOK	13590.120	06	12	1200	1400	58.7	CRI	CHN	BC	16K0	A3E										
HNG	TARNOK	13599.995	06	12	0500	1000	43.7	PASHAAL RADIO	KWT	BC	13K9	A3E										
I	ROMA	13600.000	17	10	1420		22.0	R.FARDA	D	BC	9K00E	A3E										
G	BALDOCK	13600.000	18	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							74	A		
KOR	CRMS	13600.000	27	10	0202	0202	46.4		CHN	BC	14K5	A3E									6	
I	ROMA	13600.000	31	10	1018	1019	50.0	RADIO RUSSIA	RUS	BC	10K0E	A3E							45	A		
I	ROMA	13600.000	09	11	0821	0822	40.0	RADIO FARDA	D	BC	10K0E	A3E							341	A		
I	ROMA	13600.000	28	11	1003	1003	41.0	RADIO RUSSIA	RUS	BC	10K0E	A3E							45	A		
ROU	BELCIUGATELE	13600.000	15	12	0840	0926	84.6	Radio Farda	G	BC	16K0	A3E							300	A		Lampertheim Persian Language
I	ROMA	13600.000	19	12	0945	0946	29.0	USAGM	D	BC	9K00E	A3E							341	A		
ROU	BELCIUGATELE	13600.000	29	12	1000	1030	67.0	RADIO FARDA	D	BC	9K00	A3E							301	A		Persian Language

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	13610.000	05	10	0158	0158	-4.6	CNR	CHN	BC	14K9	A3E									3	
KOR	CRMS	13610.000	01	11	0533	0533	-4.8	CNR	CHN	BC	14K9	A3E									3	
J	TOKYO	13610.000	14	12	0700			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	13610.000	20	12	0102	0102	24.7	CNR	CHN	BC	14K9	A3E									3	
G	BALDOCK	13620.000	04	11				SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E										
KOR	CRMS	13630.000	04	10	0530	0530	12.7	CNR	CHN	BC	14K4	A3E									3	
I	ROMA	13630.000	17	10	1420		19.0	VOICE OF AMERICA	CVA	BC	9K00E	A3E										
G	BALDOCK	13630.000	18	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							62	B		
ROU	BELCIUGATELE	13630.000	15	12	0935	1006	39.0	CNR 2 China Business Radio	CHN	BC	9K00	A3E							72	A		Chinese Language
HNG	TARNOK	13630.001	06	12	0800	1530	56.7	RADIO FARDA	D	BC	13K3	A3E										
ROU	BELCIUGATELE	13635.000	09	10	0922	1025	76.9	Voice of Turkey	TUR	BC	9K00	A3E							135	A		Emirler Turkish Language
I	ROMA	13635.000	10	10	0837	0837	46.0	TURKISH RADIO-TV	TUR	BC	10K0E	A3E							92	A		
HNG	TARNOK	13635.004	06	12	1300	1400	38.2	VOA	UAE	BC	9K14	A3E									3	
G	BALDOCK	13640.000	18	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							48	B		
KOR	CRMS	13640.000	23	10	0724	0724	32.2		CHN	BC	14K9	A3E									6	
KOR	CRMS	13640.000	01	11	0533	0533	21.9		CHN	BC	14K7	A3E									6	
J	TOKYO	13640.000	14	11	0819														350	C		
KOR	CRMS	13650.000	04	10	0530	0530	8.6	KCB	KRE	BC	14K8	A3E									3	
G	BALDOCK	13650.000	19	10	0000			CHINA RADIO INT	CUB	BC	9K00E	A3E							279	B		
I	ROMA	13650.000	09	11	0824	0825	41.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							59	A		
KOR	CRMS	13655.000	05	10	0159	0159	32.0		CHN	BC	14K6	A3E									6	
I	ROMA	13655.000	10	10	0839	0840	49.0	TURKISH RADIO-TV	TUR	BC	10K0	A3E							92	A		
F	RAMBOUILLET	13660.000	17	10	0700	1000	33.0	CRI	CHN													
ROU	BELCIUGATELE	13670.000	09	10	1200	1230	46.1	PBS XINJIANG (CNR13)	CHN	BC	9K00	A3E							70	A		Uyghur Language
F	RAMBOUILLET	13670.000	16	10	1700	2200	70.0	CRI	CHN													
KOR	CRMS	13670.000	18	10	0132	0132	27.6		CHN	BC	15K0	A3E									6	
G	BALDOCK	13670.000	19	10				XI WANG ZHI SHENH	CHN	BC	9K00E	A3E							47	B		
KOR	CRMS	13670.000	07	12	0412	0412	19.6	CNR	CHN	BC	15K0	A3E									3	
ROU	BELCIUGATELE	13670.000	15	12	1007	1113	46.9	PBS Xinjiang	CHN	BC	9K00	A3E							72	A		Urumqi Uyghur Language
KOR	CRMS	13670.000	27	12	0008	0008	60.7		CHN	BC	15K0	A3E									3	
KOR	CRMS	13680.000	17	10	0715	0715	23.6		CHN	BC	15K0	A3E									6	
KOR	CRMS	13680.000	01	11	0534	0534	15.1		CHN	BC	15K0	A3E									6	
KOR	CRMS	13680.000	07	12	0412	0412	5.3		CHN	BC	14K6	A3E									6	
I	ROMA	13695.000	10	10	0842	0842	50.0	RADIO FRANCE INTERNA	F	BC	10K0	A3E							307	A		
F	RAMBOUILLET	13695.000	17	10	0700	0900	37.0	RFI	F													
ROU	BELCIUGATELE	13700.000	09	10	1053	1120	43.1	CNR 13	CHN	BC	16K0	A3E							67	A		Lingshi Uyghur Language
ROU	BELCIUGATELE	13700.000	09	10	1210	1240	53.6	CNR 13	CHN	BC	9K00	A3E							67	A		Uyghur Language
G	BALDOCK	13700.000	18	10				CNR6	CHN	BC	9K00E	A3E							77	B		
F	RAMBOUILLET	13700.000	18	10	0900	1400	27.0	CNR	CHN													

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	13700.000	31	10	1021	1022		CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
HNG	TARNOK	13709.959	08	12	1630	1700	25.7	VOA	KWT	BC	11K8	A3E										
I	ROMA	13710.000	17	10	1420		40.0	R.SAUDI	ARS	BC	9K00E	A3E										
J	TOKYO	13710.000	07	11	1010				CHN	BC		D7W	124	E	07	46	N	59	318	A		TAIWAN
J	TOKYO	13710.000	14	11	0825				CHN	BC		D7W	103	E	45	25	N	38	262	A		
J	TOKYO	13710.000	21	11	0614				CHN	BC		D7W	102	E	05	24	N	49	262	A		
HNG	TARNOK	13710.000	08	12	0400	0457	19.6	CRI	CHN	BC	11K6	A3E										
HNG	TARNOK	13710.000	08	12	0600	0800	20.6	CRI	CHN	BC	11K8	A3E									3	
J	TOKYO	13710.000	25	12	0813				CHN	BC		D7W	102	E	02	25	N	20	263	A		
G	BALDOCK	13715.000	18	10				JINDALEE	AUS	LR	20K0E	P0N							94	B		
HNG	TARNOK	13719.995	08	12	0800	1200	37.5	CRI	CHN	BC	10K0E	X7E										DRM
ROU	BELCIUGATELE	13720.000	09	10	1333	1356	70.4	Radio Free Asia	TJK	BC	16K0	A3E							84	A		Dushanbe-orzu
I	ROMA	13720.000	31	10	1024	1025	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							60	A		
I	ROMA	13720.000	14	11	0841	0842	21.0	RADIO SAUDI INTERNAT	ARS	BC	10K0E	A3E							110	A		
HNG	TARNOK	13720.015	08	12	0559	1258	26.9	RNZ	NZL	BC	10K7	A3E									3	
G	BALDOCK	13725.000	04	11					F	BC	9K00E	A3E							165	B		
HNG	TARNOK	13729.998	08	12	0658	0854	36.8	RADIO SAUDI	ARS	BC	10K6	A3E									3	
J	TOKYO	13730.000	17	10	0141				CHN	BC		D7W	103	E	59	23	N	00	260	B		
F	RAMBOUILLET	13730.000	18	10	0800	1000	49.0	CRI	CHN													
HNG	TARNOK	13739.995	08	12	1000	1415	20.9	CRI	CHN	BC	11K4	A3E										
HNG	TARNOK	13740.000	07	12	1340	1350	17.5				2K70	J3E									USB	
HNG	TARNOK	13740.000	08	12	0700	1200	29.5	SOH	CHN	BC	11K9	A3E										
HNG	TARNOK	13749.998	08	12	1100	1400	39.5	CRI	CHN	BC	11K4	A3E										
F	RAMBOUILLET	13750.000	18	10	1700	1800	67.0															
KOR	CRMS	13750.000	08	11	0009	0009	5.0		THA	BC	14K3	A3E									6	
HNG	TARNOK	13750.011	08	12	0700	0730	51.6	RFI	F	BC	10K7	A3E										
ROU	BELCIUGATELE	13755.000	09	10	1220	1250	42.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							82	A		Chinese Language
F	RAMBOUILLET	13755.000	19	10	0900	1100	28.0	VOICE OF AMERICA	THA													
I	ROMA	13755.000	31	10	1028	1029	32.0	USAGM	THA	BC	10K0	A3E							76	A		
I	ROMA	13755.000	14	11	0844	0845	37.0	RADIO NEW ZEALAND	NZL	BC	10K0	A3E							81	A		
I	ROMA	13755.000	28	11	1008	1009		USAGM	THA	BC	10K0	A3E							76	A		
ROU	BELCIUGATELE	13755.000	15	12	1116	1201	54.2	Radio New Zealand International	NZL	BC	9K00	A3E							86	A		Rangitaiki English Language
HNG	TARNOK	13755.011	08	12	0600	0657	14.2	CRI	CHN	BC	10K0E	X7E										DRM
I	ROMA	13760.000	17	10	1420		22.0			BC	9K00E	A3E										
G	BALDOCK	13760.000	19	10				VOICE OF KOREA	KRE	BC	9K00E	A3E							47	B		
F	RAMBOUILLET	13760.000	19	10	1300	1800	36.0	VOICE OF KOREA	KRE													
KOR	CRMS	13760.000	21	12	0416	0416	30.8	KCB	KRE	BC	14K9	A3E									3	
ROU	BELCIUGATELE	13770.000	16	10	1134	1153	50.6	CNR 7 Radio The Great Bay	CHN	BC	9K00	A3E							82	A		Kashi-saibagh Cantonese Language

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	13770.000	17	10	1420		20.0	CNR 7 RADIO THE GREA		BC	9K00E	A3E										
G	BALDOCK	13770.000	19	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							50	B		
F	RAMBOUILLET	13770.000	19	10	0900	1800	28.0	CNR														
KOR	CRMS	13770.000	30	10	0851	0851	41.4	CNR	CHN	BC	14K2	A3E									3	
I	ROMA	13770.000	31	10	1031	1031	21.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							70	A		
G	BALDOCK	13770.000	04	11				CNR 7	CHN	BC	9K00E	A3E							72	B		
I	ROMA	13770.000	28	11	1011	1011	23.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	13770.500	31	10	1500	1530	51.2	CNR 7 RADIO THE GREAT BAY	CHN	BC	9K00	A3E							82	A		Cantonese Language
I	ROMA	13775.000	17	10	1420		23.0	R.SAUDI INTERNATIONAL	ARS	BC	9K00E	A3E										
I	ROMA	13790.000	03	10	0746	0747	40.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							213	A		
KOR	CRMS	13790.000	06	10	0709	0709	11.9		CHN	BC	15K0	A3E									6	
I	ROMA	13790.000	17	10	0845	0846	30.0	TELEDIFFUSION ALGERI	ALG	BC	10K0E	A3E							213	A		
F	RAMBOUILLET	13790.000	19	10	0600	0900	46.0	IFRIKYA FM	ALG													
ROU	BELCIUGATELE	13790.000	27	10	0700	0730	47.7	IFRIKYA FM	ALG	BC	9K00	A3E							241	A		Arabic Language
KOR	CRMS	13790.000	02	11	0546	0546	12.4		CHN	BC	14K9	A3E									6	
KOR	CRMS	13790.000	01	12	0719	0719	28.4		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	13790.000	15	12	1202	1236	76.1	China Radio International	CHN	BC	10K0	A3E							70	A		Urumqi Hutubi English Language
I	ROMA	13795.000	17	10	1420		35.0			BC	9K00E	A3E										
F	RAMBOUILLET	13795.000	19	10	1400	1500	35.0	RADIO FREE ASIA	USA													
I	ROMA	13800.000	03	10	0755	0756	37.0	THE OVERCOMER MINIST	BUL	BC	9K00E	A3E							81	A		
F	RAMBOUILLET	13800.000	19	10	0600	0800	40.0	OVERCOMER MINISTRY	BUL													
F	RAMBOUILLET	13800.000	20	10	0600	0800	44.0	OVERCOMER MINISTRY	BUL													
KOR	CRMS	13805.000	23	10	0727	0727	44.5		CHN	BC	14K9	A3E									6	
KOR	CRMS	13805.000	09	11	0510	0510	17.7		CHN	BC	14K9	A3E									6	
KOR	CRMS	13805.000	06	12	0112	0112	7.4		CHN	BC	14K8	A3E									6	
J	TOKYO	13810.000	03	10	0616			CHINA N.R.		BC		D7W							265	D		
ROU	BELCIUGATELE	13810.000	17	10	0624	0629	60.0	BBC	G	BC	9K00	A3E							305	A		Woofferton French Language
I	ROMA	13810.000	17	10	1420		23.0			BC	9K00E	A3E										
F	RAMBOUILLET	13810.000	20	10	1200	1400	25.0	CRI														
ROU	BELCIUGATELE	13810.500	09	10	1230	1300	54.0	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							82	A		Chinese Language
ROU	BELCIUGATELE	13820.000	09	10	1400	1419	47.9	Voa Deewa Radio	KWT	BC	9K00	A3E							126	A		Kuwait Pashto Language
G	BALDOCK	13820.000	04	11				R. MARTI		BC	9K00E	A3E							286	C		
HNG	TARNOK	13820.000	10	12	1500	1800	29.1	WWCR NASHVILLE	USA	BC	10K3	A3E									3	
J	TOKYO	13825.000	11	10	0429			CHINA N.R.		BC		D7W							291	C		
J	TOKYO	13825.000	17	10	0142				CHN	BC		D7W	116	E	13	41	N	21	294	B		
J	TOKYO	13825.000	05	12	0216				CHN			J3E	117	E	17	39	N	40	289	B		
J	TOKYO	13825.000	25	12	0819				CHN	BC		D7W	117	E	02	39	N	31	289	A		
J	TOKYO	13825.200	03	10	0617			CHINA N.R.		BC		D7W							289	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	13825.200	05	12	0148			CHINA N.R.		BC		D7W	116	E	11	39	N	53	290	B		
G	BALDOCK	13830.000	04	11				VATICAN RADIO	I	BC	9K00E	A3E							133	A		
I	ROMA	13830.000	05	12	1038	1038	27.0	USAGM	THA	BC	10K0E	A3E							76	A		
HNG	TARNOK	13830.000	10	12	0900	1057	22.2	CRI	CHN	BC	10K6	A3E										
ROU	BELCIUGATELE	13830.000	29	12	1030	1100	55.4	Voice of America	THA	BC	9K00	A3E							71	A		Chinese language
I	ROMA	13840.000	17	10	1420		33.0			BC	9K00E	A3E										
ROU	BELCIUGATELE	13840.000	19	10	1330	1400	60.9	SOH XI WANG ZHI SHENG	CHN	BC	9K00	A3E							102	A		Chinese Language
HNG	TARNOK	13840.000	10	12	1100	1300	19.5	FEBC RADIO	PHL	BC	9K56	A3E										
HNG	TARNOK	13840.000	10	12	1300	1357	34.5	CRI	CHN	BC	15K2	A3E										
HNG	TARNOK	13844.986	10	12	1400	1500	25.8	SOH	CHN	BC	19K6	A3E										
I	ROMA	13845.000	17	10	1420		12.0	WWCR NASHVILLE	USA	BC	9K00E	A3E										
G	BALDOCK	13845.000	19	10				WWCR UNI NETWORK	USA	BC	9K00E	A3E							292	B		
G	BALDOCK	13845.000	04	11				WWCR OVERSEER MINIS	USA	BC	9K00E	A3E							291	B		
HNG	TARNOK	13849.997	10	12	0609	0611	40.2				100H	A1B										
F	RAMBOUILLET	13850.000	20	10	0900	1100	25.0	CRI	CHN													
I	ROMA	13850.000	31	10	1033	1034	22.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							51	A		
J	TOKYO	13850.000	05	12	0154				CHN	BC		D7W	123	E	52	47	N	22	319	A		
ROU	BELCIUGATELE	13855.000	19	10	1335	1405	73.7	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							70	A		Chinese Language
F	RAMBOUILLET	13855.000	20	10	1300	1500	62.0	CRI														
HNG	TARNOK	13855.000	10	12	1128	1420	42.9				20K0E	F0N									11	OTHR
I	ROMA	13860.000	03	10	0758	0800	20.0	NIPPON HOSO KYOKAI	J	BC	10K0E	A3E							40	A		
I	ROMA	13860.000	17	10	1420		37.0	VOICE OF AMERICA	STP	BC	9K00E	A3E										
F	RAMBOUILLET	13860.000	20	10	1100	1200	52.0	CRI	CHN													
J	TOKYO	13870.000	17	10	0144							F1B							55	C		
ROU	BELCIUGATELE	13870.000	19	10	1340	1410	63.7	SOH XI WANG ZHI SHENG	CHN	BC	9K00	A3E							68	A		Chinese Language
F	RAMBOUILLET	13870.000	26	10	1000	1300	27.0	FEBC														
HNG	TARNOK	13870.003	10	12	0900	1100	38.6	VOA	THA	BC	18K5	A3E										
ROU	BELCIUGATELE	13882.500	02	10	1118	1155	55.0	DDK6	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
ROU	BELCIUGATELE	13882.500	03	10	1303	1359	51.5	DDK6	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
ROU	BELCIUGATELE	13882.500	06	12	1208	1239	60.1	DDH/K Maritime	D	FC	1K20	F1B							318	A		Weather Forecast Station FAX
J	TOKYO	13889.880	21	11	0618				CHN	BC		A3E	120	E	16	24	N	06	242	B		
J	TOKYO	13889.890	28	11	0425			SOUND OF HOPE		BC		A3E	121	E	37	24	N	32	241	A	11	TAIWAN
J	TOKYO	13889.910	14	11	0830			SOUND OF HOPE		BC		A3E	120	E	28	23	N	35	240	B	11	TAIWAN
J	TOKYO	13889.960	07	11	1013			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13889.960	05	12	0157			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13889.970	11	12	2349			SOUND OF HOPE		BC		A3E	121	E	24	25	N	14	243	B	11	TAIWAN
J	TOKYO	13889.990	19	12	1004			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	13890.000	08	11	0010	0010	-10.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	13890.000	08	12	0728	0728	-15.6		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
J	TOKYO	13890.010	25	12	0825			SOUND OF HOPE		BC		A3E	129	E	10	35	N	53	275	B	11	KOR
I	ROMA	13900.000	17	10	1414	1417	24.0		USA	FX	15K0E	G7D							306	A		TRADING HF
J	TOKYO	13919.930	21	11	0626			SOUND OF HOPE		BC		A3E	120	E	18	22	N	47	239	B	11	
J	TOKYO	13919.960	07	11	1019			SOUND OF HOPE		BC		A3E							241	D	11	HWA
J	TOKYO	13919.960	19	12	1005			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13919.980	14	11	0900			SOUND OF HOPE		BC		A3E	121	E	07	24	N	22	241	B	11	TAIWAN
J	TOKYO	13920.000	03	10	0627					BC		A3E							250	D		
KOR	CRMS	13920.000	04	10	0531	0531	3.6		CHN	BC	14K7	A3E									11	
J	TOKYO	13920.000	11	10	0433			SOUND OF HOPE		BC		A3E							251	C	11	
J	TOKYO	13920.000	17	10	0145			CHINA N.R.		BC		A3E	118	E	04	25	N	54	250	B	11	
G	BALDOCK	13920.000	19	10				XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							57	B		
ROU	BELCIUGATELE	13920.000	19	10	1345	1415	43.4	SOH XI WANG ZHI SHENG	CHN	BC	9K00	A3E							51	A		Chinese Language
J	TOKYO	13920.000	23	10	2357			CHINA N.R.		BC		A3E	087	E	10	43	N	48	298	B	11	
F	RAMBOUILLET	13920.000	26	10	0700	1800	25.0	SQH XI	CHN													
KOR	CRMS	13920.000	01	11	0535	0535	0.2		CHN	BC	14K9	A3E									11	
J	TOKYO	13920.000	07	11	1020			CHINA N.R.		BC		A3E									11	
J	TOKYO	13920.000	14	11	0838			VMC				F3C	145	E	24	27	S	07	175	B		
J	TOKYO	13920.000	21	11	0626				CHN	BC		A3E	110	E	03	41	N	34	293	B		
J	TOKYO	13920.000	28	11	0427			CHINA N.R.		BC		A3E	087	E	28	43	N	57	298	A	11	
KOR	CRMS	13920.000	01	12	0719	0719	9.8		CHN	BC	14K5	A3E									11	
J	TOKYO	13920.000	05	12	0158			CHINA N.R.		BC		A3E							249	D	11	
J	TOKYO	13920.000	12	12	0000			SOUND OF HOPE		BC		A3E	121	E	30	25	N	11	243	B	11	TAIWAN
J	TOKYO	13920.000	25	12	0828			CHINA N.R.		BC		A3E	086	E	43	43	N	16	297	A	11	
J	TOKYO	13920.020	14	11	0835				CHN	BC		A3E	124	E	09	46	N	56	318	B		
G	BALDOCK	13920.400	04	11						SM	1K00E	F1C							60	B		
J	TOKYO	13959.920	03	10	0632			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.940	11	10	0437			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	13959.950	07	11	1020			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.960	17	10	0145			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13959.980	21	11	0636			SOUND OF HOPE		BC		A3E	120	E	35	23	N	26	240	A	11	TAIWAN
J	TOKYO	13959.980	28	11	0429			SOUND OF HOPE		BC		A3E	120	E	30	22	N	37	238	A	11	TAIWAN
J	TOKYO	13959.980	05	12	0207			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.980	11	12	2354			SOUND OF HOPE		BC		A3E	121	E	46	24	N	24	239	B	11	TAIWAN
J	TOKYO	13959.990	19	12	1006			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13960.010	25	12	0837			SOUND OF HOPE		BC		A3E	120	E	45	24	N	08	241	B	11	TAIWAN
HNG	TARNOK	13964.000	09	12	1103	1105	16.8				2K70	J3E										USB
J	TOKYO	13979.770	07	11	1021			SOUND OF HOPE		BC		A3E							307	C	11	
J	TOKYO	13979.770	14	11	0841			SOUND OF HOPE		BC		A3E	107	E	43	47	N	48	307	B	11	MNG
J	TOKYO	13979.770	25	12	0838			SOUND OF HOPE		BC		A3E	107	E	09	48	N	21	308	A	11	MNG

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	13979.780	21	11	0639			SOUND OF HOPE		BC		A3E	107	E	21	48	N	11	307	B	11	MNG
J	TOKYO	13979.780	05	12	0210			SOUND OF HOPE		BC		A3E	107	E	08	48	N	15	307	B	11	
J	TOKYO	13979.790	03	10	0633			SOUND OF HOPE		BC		A3E							268	D	11	
J	TOKYO	13979.790	23	10	2359			SOUND OF HOPE		BC		A3E	107	E	06	48	N	04	307	A	11	MNG
J	TOKYO	13979.810	17	10	0146			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13985.000	14	11	0843				RUS			F1B	081	E	21	55	N	20	315	A		
J	TOKYO	13985.000	19	12	1008				RUS			F1B	080	E	15	54	N	53	315	A		
J	TOKYO	13985.000	25	12	0841				RUS			F1B	083	E	31	54	N	51	315	A		
F	RAMBOUILLET	13985.200	27	10	0700	1800	27.0															
J	TOKYO	14002.000	07	11	1023							F1B										
G	BALDOCK	14008.000	04	11						FX	100HE	A1A							192	A		
F	RAMBOUILLET	14075.000	30	10	0600	1900	40.0															
HNG	TARNOK	14075.000	10	12	1500	1910	13.2	RMT	USA	BC	9K16	A3E										
HNG	TARNOK	14167.000	12	12	1245	1300	18.3	TM4YOTA	F	AT	2K70	J3E										USB
I	ROMA	14230.000	20	11	1556	1557	11.0	EA2***	E	AT	2K70E	J3E										SSTV
I	ROMA	14230.000	20	11	1558	1600	23.0	PA1***	HOL	AT	2K70E	J3E										SSTV JO32HJ
I	ROMA	14230.000	20	11	1603	1604	29.0	ON7**	BEL	AT	2K70E	J3E										SSTV
HNG	TARNOK	14238.000	12	12	0600	2400	31.7			AT	800H	FXX										FT8
F	RAMBOUILLET	14351.100	03	11	0700	1800	20.0															
J	TOKYO	14370.040	03	10	0640			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14370.040	11	10	0437			SOUND OF HOPE		BC		A3E	120	E	39	23	N	02	239	A	11	TAIWAN
J	TOKYO	14370.040	17	10	0153			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14370.040	24	10	0009			SOUND OF HOPE		BC		A3E	121	E	05	23	N	28	239	A	11	TAIWAN
J	TOKYO	14370.040	07	11	1035			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14370.040	14	11	0850			SOUND OF HOPE		BC		A3E	121	E	15	23	N	39	239	B	11	TAIWAN
J	TOKYO	14370.040	21	11	0643			SOUND OF HOPE		BC		A3E	121	E	07	22	N	52	238	B	11	TAIWAN
J	TOKYO	14370.040	11	12	2359			SOUND OF HOPE		BC		A3E	121	E	40	24	N	27	241	B	11	TAIWAN
J	TOKYO	14370.040	19	12	1017			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14370.050	28	11	0448			SOUND OF HOPE		BC		A3E	120	E	30	23	N	21	240	A	11	TAIWAN
J	TOKYO	14370.050	05	12	0215			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14370.050	25	12	0845			SOUND OF HOPE		BC		A3E	120	E	40	22	N	58	239	B	11	TAIWAN
G	BALDOCK	14375.000	11	11					NOR	FX	1K10E	F1B							34	B		STANAG 4481
J	TOKYO	14384.000	11	10	0448							F1B							345	C		
F	RAMBOUILLET	14387.000	03	11	0700	0900	24.0															
J	TOKYO	14389.180	03	10	0644							F1B							315	D		
F	RAMBOUILLET	14411.300	03	11	0700	1800	22.0															
J	TOKYO	14428.000	11	10	0452							F1B							345	C		
J	TOKYO	14429.870	03	10	0645			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14429.870	11	10	0456			SOUND OF HOPE		BC		A3E							240	C	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	14429.880	17	10	0154			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14429.880	07	11	1036			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14429.890	24	10	0015			SOUND OF HOPE		BC		A3E	120	E	50	23	N	32	240	B	11	TAIWAN
J	TOKYO	14429.890	14	11	0852			SOUND OF HOPE		BC		A3E	120	E	16	23	N	07	240	B	11	TAIWAN
J	TOKYO	14429.890	21	11	0643			SOUND OF HOPE		BC		A3E	120	E	38	23	N	32	240	B	11	TAIWAN
J	TOKYO	14429.890	12	12	0004			SOUND OF HOPE		BC		A3E	121	E	40	24	N	45	241	B	11	TAIWAN
J	TOKYO	14429.900	28	11	0446			SOUND OF HOPE		BC		A3E	120	E	40	22	N	59	239	A	11	TAIWAN
J	TOKYO	14429.910	05	12	0216			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14429.910	19	12	1018			SOUND OF HOPE		BC		A3E	120	E	33	22	N	38	239	A	11	TAIWAN
KOR	CRMS	14430.000	06	10	0709	0709	-4.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	14430.000	01	11	0535	0535	-9.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	14430.000	06	12	0113	0113	3.9		CHN	BC	14K9	A3E									11	
J	TOKYO	14434.290	11	10	0503							F1B							87	C		
J	TOKYO	14434.300	24	10	0017				USA			F1B	157	W	50	21	N	01	87	A		HWA
F	RAMBOUILLET	14437.400	06	11	1000	1200	19.0															
F	RAMBOUILLET	14450.450	06	11	0800	1500	20.0															
F	RAMBOUILLET	14450.450	07	11	0800	1500	20.0															
G	BALDOCK	14467.300	02	11					USA	FX	1K10E	F1B							278	B		STANAG
G	BALDOCK	14467.300	11	11				DDH8	D	FL	1K10E	F1B							72	A		850 HZ SHIFT 50
F	RAMBOUILLET	14467.350	06	11	0700	1800	22.0															
F	RAMBOUILLET	14467.350	07	11	0700	1800	22.0															
J	TOKYO	14500.000	14	11	0854				RUS			F1B	041	E	12	54	N	55	321	B		
HNG	TARNOK	14500.000	14	12	0708	1515	56.2				20K0E	F0N										OTHR
J	TOKYO	14500.000	25	12	0850				RUS			F1B	036	E	09	55	N	23	323	A		
F	RAMBOUILLET	14500.350	07	11	0700	1800	21.0															
J	TOKYO	14513.400	24	10	0023							J2D	120	E	31	36	N	36	217	A		
J	TOKYO	14525.000	25	12	0855				CHN			A1A	103	E	33	24	N	24	260	B		
G	BALDOCK	14550.000	11	11					TUR	FX	3K00E	G1D							116	B		2400
HNG	TARNOK	14550.000	13	12	1700	2400	30.1				600HE	F1B										CIS 36-50
HNG	TARNOK	14570.000	14	12	0600	1430	23.8				1K00	F1B										200HZ, 100BD
J	TOKYO	14579.930	11	10	0506			SOUND OF HOPE		BC		A3E							273	C	11	
J	TOKYO	14579.940	03	10	0646			SOUND OF HOPE		BC		A3E	128	E	31	35	N	25	273	B	11	KOR
J	TOKYO	14579.940	17	10	0155			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14579.960	24	10	0026			SOUND OF HOPE		BC		A3E	128	E	46	35	N	33	273	B	11	KOR
J	TOKYO	14579.960	14	11	0856			SOUND OF HOPE		BC		A3E	128	E	29	35	N	29	273	B	11	KOR
G	BALDOCK	14581.000	12	11					RUS	FX	290HE	F1B							69	B		200Hz SHIFT 50
HNG	TARNOK	14581.000	14	12	0550	1500	11.8				3K00	G1D										STANAG 4285
J	TOKYO	14601.400	17	10	0156				RUS				137	E	05	50	N	25	351	B		
J	TOKYO	14601.800	19	12	1020														351	D		

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	14617.800	02	11				6WW (DAKAR)	SEN	FX	3K00E	G1D							210	B		STANAG
J	TOKYO	14631.800	03	10	0650														29	D		
J	TOKYO	14634.860	03	10	0651			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14634.870	11	10	0509			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14634.880	21	11	0650			SOUND OF HOPE		BC		A3E	121	E	00	23	N	41	240	B	11	TAIWAN
J	TOKYO	14634.880	28	11	0454			SOUND OF HOPE		BC		A3E	120	E	43	22	N	15	237	A	11	TAIWAN
J	TOKYO	14634.890	17	10	0156			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14634.890	24	10	0028			SOUND OF HOPE		BC		A3E	121	E	37	24	N	22	240	B	11	TAIWAN
J	TOKYO	14634.890	07	11	1037			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14634.890	05	12	0218			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14634.900	14	11	0858			SOUND OF HOPE		BC		A3E	121	E	20	23	N	57	240	B	11	TAIWAN
J	TOKYO	14634.900	12	12	0005			SOUND OF HOPE		BC		A3E	120	E	55	24	N	10	241	B	11	TAIWAN
J	TOKYO	14634.900	19	12	1027			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	14634.930	25	12	0859			SOUND OF HOPE		BC		A3E	120	E	35	22	N	45	238	A	11	TAIWAN
KOR	CRMS	14635.000	05	10	0205	0205	-7.6		CHN	BC	15K0	A3E									11	
G	BALDOCK	14635.000	12	11				SOX WI XI WNAG SHENG (TAIWAN)	CHN	BC	9K00E	A3E							58	B		MIAOLA TX SITE
KOR	CRMS	14635.000	21	11	0531	0531	20.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	14635.000	21	12	0418	0418	25.2		CHN	BC	14K9	A3E									11	
J	TOKYO	14640.000	03	10	0653														296	D		
J	TOKYO	14640.150	11	10	0513							J2B							291	C		
J	TOKYO	14655.000	24	10	0032				RUS			F1B	158	E	21	53	N	13	30	A		
J	TOKYO	14655.000	12	12	0010				RUS			F1B	131	E	45	43	N	16	322	A		
J	TOKYO	14655.100	11	10	0517							J2B							295	C		
J	TOKYO	14656.000	03	10	0702														295	D		
J	TOKYO	14670.000	03	10	0703														296	D		
J	TOKYO	14670.100	11	10	0519							J2B							294	C		
J	TOKYO	14689.980	03	10	0705			SOUND OF HOPE		BC		A3E	120	E	17	23	N	13	240	B	11	
J	TOKYO	14689.980	11	10	0521			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14689.980	07	11	1044			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14689.990	17	10	0157			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14689.990	24	10	0033			SOUND OF HOPE		BC		A3E	121	E	34	24	N	26	240	A	11	TAIWAN
KOR	CRMS	14690.000	31	10	0628	0628	26.0		CHN	BC	14K6	A3E									11	
J	TOKYO	14690.000	14	11	0904			SOUND OF HOPE		BC		A3E	121	E	29	24	N	49	241	B	11	TAIWAN
KOR	CRMS	14690.000	21	11	0531	0531	24.7		CHN	BC	14K8	A3E									11	
J	TOKYO	14690.000	21	11	0652			SOUND OF HOPE		BC		A3E	120	E	18	23	N	28	240	B	11	TAIWAN
J	TOKYO	14690.000	28	11	0455			SOUND OF HOPE		BC		A3E	120	E	18	23	N	25	240	A	11	TAIWAN
J	TOKYO	14690.000	05	12	0226			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14690.000	12	12	0012			SOUND OF HOPE		BC		A3E	121	E	24	24	N	47	242	B	11	TAIWAN
J	TOKYO	14690.000	19	12	1028					BC		A3E							237	D		

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	14690.000	22	12	0800	0800	22.4		CHN	BC	14K5	A3E									11	
J	TOKYO	14690.020	25	12	0901				CHN	BC		A3E	121	E	58	23	N	23	240	B		TAIWAN
J	TOKYO	14722.850	12	12	0015				CHN			J2B	118	E	03	35	N	07	275	B		
G	BALDOCK	14724.000	11	11				FUG (SAISSAC)	F	FX	3K00E	G1D							167	A		2400
F	RAMBOUILLET	14724.350	08	11	0700	1800	20.0															
G	BALDOCK	14725.400	02	11					I	FX	3K00E	G1D							128	B		STANAG
J	TOKYO	14767.800	07	11	1045														169	D		OCE
J	TOKYO	14768.000	05	12	0228							F1B										
J	TOKYO	14768.010	12	12	0017				USA			F1B	144	E	31	13	N	05	170	B		GUM
J	TOKYO	14774.610	03	10	0706			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14774.940	11	10	0523			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14774.950	17	10	0157			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14774.950	24	10	0037			SOUND OF HOPE		BC		A3E	121	E	10	23	N	26	239	B	11	TAIWAN
J	TOKYO	14774.950	05	12	0229			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14774.960	12	12	0019			SOUND OF HOPE		BC		A3E	121	E	30	23	N	37	239	B	11	TAIWAN
J	TOKYO	14774.970	21	11	0654			SOUND OF HOPE		BC		A3E	121	E	07	22	N	56	238	B	11	TAIWAN
J	TOKYO	14774.980	28	11	0505			SOUND OF HOPE		BC		A3E	120	E	30	22	N	40	238	A	11	TAIWAN
KOR	CRMS	14775.000	13	10	0752	0752	14.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	14775.000	01	11	0535	0535	5.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	14775.000	01	12	0720	0720	10.8		CHN	BC	14K8	A3E									11	
KOR	CRMS	14820.000	05	10	0205	0205	11.9		CHN	BC	14K2	A3E									11	
J	TOKYO	14820.040	03	10	0707			SOUND OF HOPE		BC		A3E	126	E	44	33	N	32	264	B	11	
J	TOKYO	14820.040	11	10	0525			SOUND OF HOPE		BC		A3E							263	C	11	
J	TOKYO	14820.060	17	10	0158			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14820.060	24	10	0039			SOUND OF HOPE		BC		A3E	126	E	29	33	N	21	263	A	11	KOR
KOR	CRMS	14850.000	04	10	0532	0532	5.4		CHN	BC	14K5	A3E									11	
KOR	CRMS	14850.000	02	11	0547	0547	0.8		CHN	BC	14K0	A3E									11	
KOR	CRMS	14850.000	01	12	0720	0720	6.9		CHN	BC	14K4	A3E									11	
J	TOKYO	14850.290	03	10	0708			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14850.290	11	10	0526			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14850.290	17	10	0158			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14850.290	07	11	1046			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14850.290	21	11	0656			SOUND OF HOPE		BC		A3E	121	E	50	22	N	56	238	B	11	TAIWAN
J	TOKYO	14850.290	28	11	0507			SOUND OF HOPE		BC		A3E	120	E	37	22	N	42	238	A	11	TAIWAN
J	TOKYO	14850.290	19	12	1031			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	14850.290	25	12	0904			SOUND OF HOPE		BC		A3E	120	E	40	23	N	05	239	A	11	TAIWAN
J	TOKYO	14850.300	24	10	0040			SOUND OF HOPE		BC		A3E	121	E	02	23	N	46	240	B	11	TAIWAN
J	TOKYO	14850.300	14	11	0906			SOUND OF HOPE		BC		A3E	120	E	33	22	N	56	239	A	11	TAIWAN
J	TOKYO	14850.300	05	12	0230			SOUND OF HOPE		BC		A3E							238	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	14850.300	12	12	0021			SOUND OF HOPE		BC		A3E							238	C	11	
KOR	CRMS	14870.000	05	10	0207	0207	-8.4		CHN	BC	15K0	A3E									11	
KOR	CRMS	14870.000	01	11	0536	0536	6.3		CHN	BC	14K8	A3E									11	
KOR	CRMS	14870.000	01	12	0720	0720	1.4		CHN	BC	14K8	A3E									11	
J	TOKYO	14870.120	17	10	0159			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14870.120	07	11	1047			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.120	14	11	0908			SOUND OF HOPE		BC		A3E	121	E	49	24	N	20	240	B	11	TAIWAN
J	TOKYO	14870.120	21	11	0658			SOUND OF HOPE		BC		A3E	121	E	35	22	N	17	237	B	11	TAIWAN
J	TOKYO	14870.120	28	11	0507			SOUND OF HOPE		BC		A3E	120	E	37	22	N	35	238	A	11	TAIWAN
J	TOKYO	14870.120	05	12	0231			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14870.120	12	12	0023			SOUND OF HOPE		BC		A3E	120	E	36	22	N	50	239	B	11	TAIWAN
J	TOKYO	14870.120	19	12	1032			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	14870.120	25	12	0905			SOUND OF HOPE		BC		A3E	120	E	35	23	N	23	240	B	11	TAIWAN
J	TOKYO	14870.130	03	10	0709			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14870.130	11	10	0526			SOUND OF HOPE		BC		A3E							238	C	11	
J	TOKYO	14876.000	03	10	0715							A1A										
J	TOKYO	14876.000	12	12	0025							A1A										
J	TOKYO	14877.400	12	12	0027				USA			F1B	144	E	54	13	N	22	168	B		GUM
J	TOKYO	14887.360	28	11	0510				USA			F1B	144	E	43	13	N	23	169	A		GUM
J	TOKYO	14887.400	03	10	0716							F1B							169	D		
J	TOKYO	14887.400	11	10	0529				USA			F1B	144	E	46	13	N	28	169	A		GUM
J	TOKYO	14887.400	17	10	0203				USA			F1B	144	E	49	13	N	28	168	B		GUM
J	TOKYO	14887.400	14	11	0911				USA			F1B	144	E	45	13	N	11	169	A		GUM
J	TOKYO	14887.400	21	11	0702				USA			F1B	144	E	45	13	N	19	169	B		GUM
KOR	CRMS	14900.000	06	10	0710	0710	0.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	14900.000	06	11	0832	0832	-4.3		CHN	BC	14K8	A3E									11	
G	BALDOCK	14900.000	11	11				SOH RELY RFA	CHN	BC	9K00E	A3E							57	B		
KOR	CRMS	14900.000	01	12	0720	0720	3.6		CHN	BC	14K8	A3E									11	
J	TOKYO	14900.030	03	10	0717			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14900.030	11	10	0533			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	14900.030	07	11	1051			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14900.040	14	11	0914			SOUND OF HOPE		BC		A3E	120	E	06	23	N	05	240	B	11	TAIWAN
J	TOKYO	14900.040	21	11	0706			SOUND OF HOPE		BC		A3E	121	E	22	23	N	59	240	B	11	TAIWAN
J	TOKYO	14900.040	28	11	0519			SOUND OF HOPE		BC		A3E	120	E	23	23	N	18	240	A	11	TAIWAN
J	TOKYO	14900.040	12	12	0031			SOUND OF HOPE		BC		A3E	121	E	05	23	N	29	239	B	11	TAIWAN
J	TOKYO	14900.040	19	12	1033			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14900.050	05	12	0237			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	14900.050	25	12	0907			SOUND OF HOPE		BC		A3E	120	E	23	23	N	14	240	B	11	TAIWAN
J	TOKYO	14919.990	12	12	0100			SOUND OF HOPE		BC		A3E	121	E	27	24	N	50	242	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	14920.000	03	10	0718			CHINA N.R.		BC		A3E							318	D	11	
KOR	CRMS	14920.000	05	10	0207	0207	2.4		CHN	BC	14K9	A3E									11	
J	TOKYO	14920.000	17	10	0204			CHINA N.R.		BC		A3E	116	E	40	23	N	28	245	B	11	
ROU	BELCIUGATELE	14920.000	20	10	1007	1028	41.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							70	A		Miaoli Chinese Language
J	TOKYO	14920.000	24	10	0041			CHINA N.R.		BC		A3E	109	E	24	19	N	11	247	A	11	
KOR	CRMS	14920.000	01	11	0536	0536	2.9		CHN	BC	14K9	A3E									11	
J	TOKYO	14920.000	07	11	1053			CHINA N.R.		BC		A3E									11	
G	BALDOCK	14920.000	11	11				SOH XI WNAG ZHI SHENG	CHN	BC	9K00E	A3E							54	B		
J	TOKYO	14920.000	14	11	0916				CHN	BC		A3E	109	E	16	18	N	36	246	B		
J	TOKYO	14920.000	21	11	0707				CHN	BC		A3E	108	E	49	18	N	59	247	B		
J	TOKYO	14920.000	28	11	0520			CHINA N.R.		BC		A3E	123	E	58	47	N	00	318	A	11	
KOR	CRMS	14920.000	01	12	0720	0720	17.7		CHN	BC	12K7	A3E									11	
J	TOKYO	14920.000	05	12	0238			CHINA N.R.		BC		A3E							248	D	11	
ROU	BELCIUGATELE	14920.000	20	12	1220	1250	50.5	SOH XI WANG ZHI SHENG	CHN	BC	9K00	A3E							84	A		Chinese language
J	TOKYO	14920.000	25	12	0908			CHINA N.R.		BC		A3E	109	E	06	18	N	36	246	B	11	
J	TOKYO	14920.010	11	10	0534					BC		A3E							249	C		
J	TOKYO	14920.010	19	12	1034			CHINA N.R.		BC		A3E	108	E	41	18	N	56	248	B	11	
J	TOKYO	14920.030	25	12	0908			SOUND OF HOPE		BC		A3E	120	E	31	23	N	32	240	B	11	TAIWAN
J	TOKYO	14939.920	03	10	0718			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14939.920	11	10	0536			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14939.920	28	11	0522			SOUND OF HOPE		BC		A3E	120	E	35	23	N	23	240	A	11	TAIWAN
J	TOKYO	14939.930	24	10	0042			SOUND OF HOPE		BC		A3E	120	E	58	23	N	21	239	B	11	TAIWAN
J	TOKYO	14939.930	21	11	0709			SOUND OF HOPE		BC		A3E	121	E	17	24	N	29	241	B	11	
J	TOKYO	14939.940	17	10	0205			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14939.940	07	11	1053			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14939.940	05	12	0240			SOUND OF HOPE		BC		A3E	121	E	05	24	N	49	243	B	11	TAIWAN
J	TOKYO	14939.950	12	12	0035			SOUND OF HOPE		BC		A3E	121	E	40	24	N	47	241	B	11	TAIWAN
J	TOKYO	14939.960	14	11	0918			SOUND OF HOPE		BC		A3E	120	E	01	23	N	01	240	B	11	TAIWAN
J	TOKYO	14939.960	19	12	1046			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14939.970	25	12	0913			SOUND OF HOPE		BC		A3E	120	E	35	23	N	21	240	B	11	TAIWAN
KOR	CRMS	14940.000	05	10	0207	0207	1.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	14940.000	21	11	0532	0532	26.6		CHN	BC	14K4	A3E									11	
J	TOKYO	14979.950	12	12	0100			SOUND OF HOPE		BC		A3E	121	E	24	24	N	59	242	B	11	TAIWAN
J	TOKYO	14979.960	03	10	0719			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14979.990	07	11	1054			CHINA N.R.		BC		A3E							246	D	11	
J	TOKYO	14979.990	14	11	0921				CHN	BC		A3E	108	E	54	19	N	08	247	B		
J	TOKYO	14980.000	03	10	0720			CHINA N.R.		BC		A3E							299	D	11	
KOR	CRMS	14980.000	04	10	0532	0532	12.8		CHN	BC	14K4	A3E									11	
J	TOKYO	14980.000	11	10	0538				CHN	BC		A3E	123	E	57	47	N	17	319	C		

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	14980.000	17	10	0205			CHINA N.R.		BC		A3E									11	
J	TOKYO	14980.000	24	10	0048			CHINA N.R.		BC		A3E	111	E	14	21	N	55	249	B	11	
KOR	CRMS	14980.000	01	11	0536	0536	15.2		CHN	BC	10K6	A3E									11	
G	BALDOCK	14980.000	11	11				SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							63	B		
J	TOKYO	14980.000	21	11	0711				CHN	BC		A3E	088	E	35	43	N	43	298	B		
J	TOKYO	14980.000	28	11	0523			CHINA N.R.		BC		A3E	087	E	29	43	N	24	297	A	11	
KOR	CRMS	14980.000	01	12	0720	0720	25.6		CHN	BC	10K5	A3E									11	
J	TOKYO	14980.000	05	12	0245			CHINA N.R.		BC		A3E							298	D	11	
J	TOKYO	14980.000	19	12	1047			CHINA N.R.		BC		A3E							249	D	11	
J	TOKYO	14980.030	25	12	0915			SOUND OF HOPE		BC		A3E	121	E	05	24	N	33	241	A	11	TAIWAN
ROU	BELCIUGATELE	14996.000	03	10	1311	1355	42.0	RWM Time Signal Station	RUS	SS	600HE	AXW							28	A		Moscow
J	TOKYO	14996.000	21	11	0715			RWM		SS		A1A							323	C		
HNG	TARNOK	14996.000	18	12	0500	0900	13.9	ATA	IND	SS	100HE	A1B										DELHI TIME SIGNAL
J	TOKYO	15000.000	03	10	0721			WWVH		SS		AXW										
J	TOKYO	15000.000	03	10	0721			BPM		SS		AXW										
J	TOKYO	15000.000	03	10	0745			BPM		SS		AXW							276	C		
J	TOKYO	15000.000	11	10	0600			WWVH		SS		AXW	157	W	44	21	N	07	87	B		
J	TOKYO	15000.000	11	10	0600			BPM		SS		AXW										
J	TOKYO	15000.000	17	10	0206			WWVH		SS		AXW										
J	TOKYO	15000.000	17	10	0206			BPM		SS		AXW										
J	TOKYO	15000.000	17	10	0429			WWVH		SS		AXW							88	C		
J	TOKYO	15000.000	17	10	0429			BPM		SS		AXW							277	C		
J	TOKYO	15000.000	24	10	0053			BPM		SS		AXW	108	E	54	34	N	22	277	B		
J	TOKYO	15000.000	24	10	0132			WWVH		SS		AXW										
J	TOKYO	15000.000	24	10	0132			BPM		SS		AXW										
G	BALDOCK	15000.000	02	11				WWV (FORT COLLINS COLORADO)	USA	SS	3K00E	A3E							304	B		FORT COLLINS
J	TOKYO	15000.000	07	11	1055			WWVH		SS		AXW										
J	TOKYO	15000.000	07	11	2345			WWV		SS		AXW							56	C		
J	TOKYO	15000.000	07	11	2345			WWVH		SS		AXW	154	W	28	19	N	45	87	B		
J	TOKYO	15000.000	14	11	0924			WWVH		SS		AXW							88	C		
J	TOKYO	15000.000	14	11	1029			WWVH		SS		AXW							86	C		
J	TOKYO	15000.000	21	11	0719			BPM		SS		AXW	109	E	38	34	N	46	277	A		
J	TOKYO	15000.000	21	11	0759			BPM		SS		AXW										
J	TOKYO	15000.000	28	11	0529			WWVH		SS		AXW										
J	TOKYO	15000.000	28	11	0529			BPM		SS		AXW										
J	TOKYO	15000.000	28	11	0600			BPM		SS		AXW	109	E	53	34	N	43	277	B		
J	TOKYO	15000.000	28	11	0600			WWVH		SS		AXW	155	W	52	19	N	03	88	B		
J	TOKYO	15000.000	05	12	0246			WWV		SS		AXW										
J	TOKYO	15000.000	05	12	0246			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	05	12	0246			BPM		SS		AXW										
J	TOKYO	15000.000	05	12	0429			BPM		SS		AXW										
J	TOKYO	15000.000	05	12	0429			WWVH		SS		AXW										TAIWAN
J	TOKYO	15000.000	11	12	2347			WWVH		SS		AXW	155	W	52	19	N	32	88	B		
J	TOKYO	15000.000	12	12	0130			BPM		SS		AXW										
J	TOKYO	15000.000	12	12	0130			WWVH		SS		AXW										
HNG	TARNOK	15000.000	17	12	0000	2400	41.2				3K00	G1D										STANAG 4285
J	TOKYO	15000.000	19	12	0047			WWVH		SS		AXW							87	C		
J	TOKYO	15000.000	19	12	0059			BPM		SS		AXW	108	E	58	34	N	43	278	B		
J	TOKYO	15000.000	19	12	1055				CHN				081	E	11	39	N	15	293	B		
J	TOKYO	15000.000	25	12	1029			WWVH		SS		AXX	156	W	33	19	N	54	88	B		
G	BALDOCK	15025.000	02	11				REYKJAVIK (ACARS)	ISL	FG		J1D							322	B		HF-ACARS
G	BALDOCK	15034.000	02	11				TRENTON VOLMET	CAN	SM		J3E							294	B		VOLMET
I	ROMA	15034.000	10	11	1555	1555	3.0	GANDER VOLMET	CAN	FA	3K10E	J3E										VOLMET
I	ROMA	15034.000	20	11	1825	1825	3.0	TRENTON	CAN	FA	2K70E	J3E							305	A		VOLMET
J	TOKYO	15050.010	24	10	0133				IND	BC		A3E	079	E	08	14	N	05	265	B		
I	ROMA	15090.000	13	10	0820		11.0			BC	9K00E	A3E										
J	TOKYO	15099.990	24	10	0133				CHN	BC		A3E	116	E	12	39	N	32	289	B		
KOR	CRMS	15100.000	11	10	0059	0059	39.1		CHN	BC	14K4	A3E									6	
KOR	CRMS	15105.000	20	10	0656	0656	11.7		KRE	BC	14K9	A3E									6	
KOR	CRMS	15105.000	04	12	0414	0414	-1.7		CHN	BC	14K8	A3E									6	
I	ROMA	15110.000	03	10	0803	0803	33.0	TELEDIFFUSION ALGERI	ALG	BC	10K0E	A3E							233	A		
I	ROMA	15110.000	13	10	0820		36.0	BBC	UZB	BC	9K00E	A3E										
I	ROMA	15110.000	17	10	0849	0849	23.0	TELEDIFFUSION ALGERI	ALG	BC	10K0E	A3E							233	A		
ROU	BELCIUGATELE	15110.000	19	10	1400	1430	67.0	VOICE OF AMERICA	PHL	BC	9K00	A3E							83	A		Chinese Language
G	BALDOCK	15110.000	12	11				RADIO KUWAIT	KWT	BC	10K0E	D7W							104	A		SULAIBIYAH TX SITE
ROU	BELCIUGATELE	15110.000	28	11	0813	0852	40.6	BBC 11	UZB	BC	9K00	A3E							83	A		Tashkent English Language DRM
KOR	CRMS	15110.000	06	12	0114	0114	11.6		USA	BC	14K8	A3E									6	
HNG	TARNOK	15110.000	20	12	0600	0830	22.4	CRI	CHN	BC	7K92	A3E										
HNG	TARNOK	15110.011	20	12	0447	0550	35.8	IRB	IRN	BC	7K18	A3E									3	
G	BALDOCK	15120.000	07	11				Radio Saudi International	ARS	BC	9K00E	A3E							110	A		
ROU	BELCIUGATELE	15120.000	28	11	0902	0944	41.9	Radio Saudi International	ARS	BC	9K00	A3E							134	A		Riyadh Bengali Language
HNG	TARNOK	15120.000	20	12	0458	0600	18.4	CRI	CHN	BC	11K1	A3E									3	
HNG	TARNOK	15120.000	20	12	0858	1200	29.6	VOA	THA	BC	9K14	A3E									3	
HNG	TARNOK	15124.999	20	12	1230	1300	35.0	RFA	UAE	BC	9K95	A3E									3	
F	RAMBOUILLET	15125.000	23	10	1600	1700	22.0	CRI	MLI													
KOR	CRMS	15130.000	25	10	0657	0657	25.5		ROU	BC	15K0	A3E									6	
J	TOKYO	15130.000	14	12	0300			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	15134.988	20	12	0852	1157	25.7	RADIO SAUDI INT.	ARS	BC	9K62	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	15134.999	20	12	0500	0700	13.1	CRI	CHN	BC	11K5	A3E										
I	ROMA	15135.000	13	10	0820		23.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
G	BALDOCK	15135.000	07	11				Radio China International	CHN	BC	10K2E	A3E							245	A		
I	ROMA	15135.000	14	11	0848	0848	23.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	15135.000	28	11	0839	0910	42.7	China Radio International	CHN	BC	9K00	A3E							264	A		Kunming-anning Indonesian Language
HNG	TARNOK	15135.000	20	12	0755	0902	22.9	BBC 11	UZB	BC	10K0	X7E										DRM
G	BALDOCK	15140.000	24	11				Radio Habana - Cuba	CUB	BC	10K0E	A3E							280	A		
HNG	TARNOK	15140.011	19	12	2200	2400	37.4	TOM	D	BC	11K0	A3E										
I	ROMA	15145.000	03	10	0805	0806	52.0	ADVENTIST WORLD RADI	AUT	BC	10K0E	A3E							23	A		
I	ROMA	15145.000	13	10	0820		41.0	ADVENTIST WORLD R.	AUT	BC	9K00E	A3E										
HNG	TARNOK	15145.001	20	12	0600	0800	49.9	CRI	CHN	BC	16K1	A3E										
HNG	TARNOK	15149.886	20	12	0828	1130	22.5	CRI	CHN	BC	11K1	A3E										
I	ROMA	15150.000	13	10	0820		22.0	ASSEMBLIES OF YAHWEH		BC	9K00E	A3E										
I	ROMA	15150.000	17	10	0852	0852	30.0	ASSEMBLIES OF YAHWEH	USA	BC	10K0E	A3E							301	A		
I	ROMA	15150.000	31	10	1037	1038	30.0	R ROMANIA INTERNATIO	ROU	BC	10K0E	A3E							60	A		
G	BALDOCK	15150.000	07	11				Radio China International	CHN	BC	10K7E	A3E							55	B		
I	ROMA	15150.000	14	11	0851	0852	35.0	ASSEMBLIES OF YAHWEH	USA	BC	10K0E	A3E							302	A		
ROU	BELCIUGATELE	15150.000	28	11	0911	0950	51.2	Voice of America	THA	BC	9K00	A3E							73	A		Udon Thani Chinese Language
I	ROMA	15150.000	05	12	1041	1042	29.0	USAGM	THA	BC	9K00E	A3E							76	A		
ROU	BELCIUGATELE	15150.000	11	12	1059	1130	60.7	Voice of America	THA	BC	18K0	A3E							79	B		Udon Thani Chinese Language
I	ROMA	15160.000	13	10	0820		20.0	IFRIKYA FM	ALG	BC	9K00E	A3E										
F	RAMBOUILLET	15160.000	24	10	0900	1000	31.0	KBS WORLD RADIO	KOR													
G	BALDOCK	15160.000	07	11				Korean Broadcasting System	KOR	BC		A3E							42	B		
I	ROMA	15160.000	14	11	0854	0854	39.0	KOREAN BROADCASTING	KOR	BC	10K0	A3E							48	A		
ROU	BELCIUGATELE	15160.000	28	11	0930	1000	53.1	KBS World Radio	KOR	BC	9K00	A3E							60	A		Kimjae
ROU	BELCIUGATELE	15160.000	11	12	0940	0955	58.2	Ifrikya FM	KOR	BC	9K00	A3E							59	A		Kimjae Korean Language
J	TOKYO	15160.010	14	12	0100			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	15165.000	24	10	1300	1400	36.0	VOICE OF AMERICA	THA													
ROU	BELCIUGATELE	15180.000	16	10	1136	1156	72.3	China Radio International	CHN	BC	20K0	A3E							82	A		Kashi-saibagh Bulgarian Language
KOR	CRMS	15180.000	19	10	0410	0410	50.0	KCB	KRE	BC	14K4	A3E									3	
J	TOKYO	15180.000	24	10	0134					BC		D7W	101	E	22	28	N	27	269	B		
F	RAMBOUILLET	15180.000	24	10	1100	1300	41.0	VOICE OF KOREA	KRE													
KOR	CRMS	15180.000	01	11	0537	0537	0.6	KCB	KRE	BC	15K0	A3E									3	
G	BALDOCK	15180.000	07	11				CNR1	CHN	BC		D7W							66	B		
KOR	CRMS	15180.000	07	11	0654	0654	3.6		CHN	BC	14K9	A3E									6	
J	TOKYO	15180.000	14	11	1009					BC		D7W							264	C		
ROU	BELCIUGATELE	15180.000	28	11	1107	1159	69.0	China Radio International	CHN	BC	16K0	A3E							83	A		Kashi-saibagh Bulgarian Language
ROU	BELCIUGATELE	15180.000	11	12	1131	1159	77.4	China Radio International	CHN	BC	18K0	A3E							83	A		Kashi-saibagh Bulgarian Language
ROU	BELCIUGATELE	15180.000	11	12	1205	1257	75.9	China Radio International	CHN	BC	18K0	A3E							83	A		Kashi-saibagh Serbian Language

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	15180.000	25	12	1001				CHN	BC		D7W	114	E	30	30	N	41	265	B		
KOR	CRMS	15195.000	18	10	0159	0159	42.6		J	BC	8K98	A3E									6	
HNG	TARNOK	15209.982	22	12	0830	0900	54.0	AWR	D	BC	18K0	A3E										
ROU	BELCIUGATELE	15215.000	28	11	1200	1229	51.5	FEBC Radio	UAE	BC	9K00	A3E							126	A		Al-Dhabbiya Tibetan Language
HNG	TARNOK	15215.001	22	12	0400	0600	17.2	VOA	THA	BC	11K7	A3E										
I	ROMA	15220.000	13	10	0820		34.0	ADVENTIST WORLD R.	D	BC	9K00E	A3E										
ROU	BELCIUGATELE	15220.000	16	10	1142	1157	71.8	China Radio International	CHN	BC	9K00	A3E							70	A		Kashi-saibagh Czech Language
I	ROMA	15220.000	17	10	0854	0855	55.0	ADVENTIST WORLD RADI	D	BC	10K0E	A3E							1	A		
ROU	BELCIUGATELE	15220.000	23	10	1016	1049	68.6	China Radio International	CHN	BC	9K00	A3E							70	A		Kashi-saibagh Hungarian Language
F	RAMBOUILLET	15220.000	25	10	0700	0800	55.0	AWR	D													
F	RAMBOUILLET	15220.000	25	10	0900	1200	55.0	AWR	D													
I	ROMA	15220.000	31	10	1040	1040	53.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15220.000	14	11	0856	0857	45.0	ADVENTIST WORLD RADI	D	BC	10K0E	A3E							1	A		
I	ROMA	15220.000	05	12	1044	1045	49.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
HNG	TARNOK	15220.000	22	12	0530	0600	21.7	RFI	MDG	BC	13K4	A3E										
HNG	TARNOK	15220.004	22	12	0600	0757	47.6	CRI	CHN	BC	14K5	A3E										
HNG	TARNOK	15220.004	22	12	0900	1057	44.6	CRI	CHN	BC	18K9	A3E									3	
F	RAMBOUILLET	15230.000	25	10	0700	1500	30.0	CRI	CHN													
G	BALDOCK	15230.000	24	11				Radio Habana - Cuba	CUB	BC	10K0E	A3E							280	A		
HNG	TARNOK	15239.998	21	12	1600	2400	47.1	XSA2	CHN	FC	100HE	A1B										Nanjing R
ROU	BELCIUGATELE	15240.000	23	10	1022	1027	63.1	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Emirler Tatar Language
KOR	CRMS	15245.000	10	10	0748	0748	-3.5	KCB	KRE	BC	14K9	A3E									3	
KOR	CRMS	15245.000	11	10	0107	0107	20.5		CHN	BC	15K0	A3E									6	
F	RAMBOUILLET	15245.000	25	10	0700	1500	30.0	VOK	KRE													
KOR	CRMS	15245.000	10	11	0742	0742	-0.7	KCB	KRE	BC	14K9	A3E									3	
KOR	CRMS	15245.000	05	12	0716	0716	-5.2	KCB	KRE	BC	15K0	A3E									3	
KOR	CRMS	15245.000	29	12	0625	0625	51.2		CHN	BC	14K7	A3E									6	
I	ROMA	15250.000	13	10	0820		23.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	15250.000	02	11	1020	1021	25.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15250.000	05	12	1047	1047	20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	15255.000	19	10	1410	1440	71.2	RFE/R.LIBERTY	THA	BC	9K00	A3E							89	A		Turkish Language
ROU	BELCIUGATELE	15255.000	28	11	1240	1258	54.1	Adventist World Radio	TJK	BC	9K00	A3E							87	A		Dushanbe-orzu Korean Language
F	RAMBOUILLET	15265.000	26	10	1100	1800	30.0	FREE ASIA RADIO	CHN													
I	ROMA	15270.000	13	10	0820		15.0	CNR 2 CHINA BUSINESS	CHN	BC	9K00E	A3E										
G	BALDOCK	15270.000	24	11				Voice of America - Romania	ROU	BC	10K0E	A3E							92	A		
ROU	BELCIUGATELE	15270.000	28	11	1314	1324	47.7	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Emirler German Language
ROU	BELCIUGATELE	15270.000	11	12	1306	1325	44.5	Voice of Turkey	TUR	BC	9K00	A3E										Emirler German Language
KOR	CRMS	15280.000	20	10	0657	0657	33.4		J	BC	13K8	A3E									6	
KOR	CRMS	15280.000	25	10	0658	0658	18.4		CHN	BC	14K8	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
F	RAMBOUILLET	15280.000	26	10	0700	1800	27.0	SQH XI	CHN													
KOR	CRMS	15280.000	03	11	0659	0659	24.9		J	BC	13K1	A3E									6	
KOR	CRMS	15280.000	06	11	0834	0834	16.1		CHN	BC	14K7	A3E									6	
KOR	CRMS	15280.000	06	12	0115	0115	13.6		CHN	BC	14K8	A3E									6	
KOR	CRMS	15280.000	26	12	0657	0657	69.2		J	BC	11K4	A3E									6	
I	ROMA	15285.000	13	10	0820		30.0			BC	9K00E	A3E										
I	ROMA	15290.000	03	10	0808	0808	38.0	NIPPON HOSO KYOKAI	F	BC	10K0	A3E							307	A		
I	ROMA	15290.000	13	10	0820		26.0	NHK WORLD RADIO JAPA	F	BC	9K00E	A3E										
I	ROMA	15290.000	17	10	0857	0857	43.0	NIPPON HOSO KYOKAI	F	BC	10K0	A3E							307	A		
I	ROMA	15290.000	14	11	0859	0859	33.0	NIPPON HOSO KYOKAI	F	BC	10K0	A3E							307	A		
HNG	TARNOK	15299.998	24	12	1600	1730	31.7	BIBLE VOICE BCN	D	BC	10K2	A3E										
I	ROMA	15300.000	03	10	0810	0811	31.0	R.FRANCE INTERNATIONAL	F	BC	10K0E	A3E							307	A		
I	ROMA	15300.000	13	10	0820		26.0	R.FRANCE INT.	F	BC	9K00E	A3E										
F	RAMBOUILLET	15300.000	26	10	0700	1000	55.0	RFI														
F	RAMBOUILLET	15300.000	26	10	1100	1800	59.0	RFI														
F	RAMBOUILLET	15300.000	27	10	0700	1800	59.0	RFI														
I	ROMA	15300.000	14	11	0901	0901	37.0	R.FRANCE INTERNATIONAL	F	BC	10K0E	A3E							307	A		
I	ROMA	15300.000	20	11	1826	1837	40.0	R.FRANCE INTERNATIONAL		BC	10K0E	A3E							190	A		
ROU	BELCIUGATELE	15300.000	11	12	1402	1430	56.0	Radio France International (Digital)	F	BC	9K00	A3E							288	A		Issoudun French Language
HNG	TARNOK	15300.000	24	12	0500	0600	34.3			BC	11K8	A3E										
HNG	TARNOK	15309.998	24	12	0700	1356	77.6	TRT	TUR	BC	10K0E	A3E									3	
HNG	TARNOK	15309.999	24	12	1125	1400	48.4	HCJB	AUS	BC	9K40	A3E									3	
HNG	TARNOK	15310.000	24	12	0300	0700	14.1	CRI	CHN	BC	11K5	A3E										
HNG	TARNOK	15310.008	23	12	2140	2400	24.6	S BEACON		RN	100H	A1B										
HNG	TARNOK	15319.932	24	12	1110	1200	19.9			BC	10K0E	A3E									3	
ROU	BELCIUGATELE	15320.000	05	10	0905	0947	46.6	Radio France International	F	BC	9K00	A3E							288	A		Issoudun French Language
KOR	CRMS	15320.000	12	10	0457	0457	18.5		CHN	BC	14K9	A3E									6	
I	ROMA	15320.000	13	10	0820		27.0			BC	9K00E	A3E										
KOR	CRMS	15320.000	20	11	0449	0449	36.5		CHN	BC	14K2	A3E									6	
ROU	BELCIUGATELE	15320.000	28	11	1347	1400	61.8	Reach Beyond Australia (HCJB)	AUS	BC	9K00	A3E							98	A		Kununurra English Language
KOR	CRMS	15320.000	04	12	0416	0416	16.4		CHN	BC	14K9	A3E									6	
KOR	CRMS	15320.000	07	12	0417	0417	25.1		CHN	BC	14K9	A3E									6	
ROU	BELCIUGATELE	15320.000	11	12	1330	1400	52.4	Reach Beyond Australia (HCJB)	AUS	BC	9K00	A3E							95	A		Kununurra Hindi/English Language
HNG	TARNOK	15320.003	24	12	0600	1000	32.5	RFI	F	BC	10K0E	A3E										
HNG	TARNOK	15325.000	24	12	0600	0700	24.0			BC	10K0E	A3E										
HNG	TARNOK	15329.965	24	12	1000	1130	20.5	BBC	OMA	BC	10K0E	A3E										
I	ROMA	15335.000	03	10	0817	0817	30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	15335.000	05	10	0848	0940	67.1	China Radio International	CHN	BC	16K0	A3E							82	A		Kashi-saibagh Russian 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	15335.000	05	10	1209	1253	65.8	China Radio International	CHN	BC	16K0	A3E							64	A		Shijiazhuang Russian Language
F	RAMBOUILLET	15335.000	27	10	0800	1800	32.0	CRI	CHN													
I	ROMA	15335.000	14	11	0903	0904	44.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
HNG	TARNOK	15335.000	24	12	0701	0758	39.9	RFI	F	BC	9K50	A3E										
HNG	TARNOK	15339.998	24	12	0600	0649	43.4			BC	10K0E	A3E										
HNG	TARNOK	15339.998	24	12	0800	1000	63.7	CRI	CHN	BC	16K1	A3E										
KOR	CRMS	15340.000	04	10	0534	0534	12.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	15340.000	01	11	0537	0537	27.5		CHN	BC	14K0	A3E									6	
KOR	CRMS	15340.000	22	11	0133	0133	30.2		CHN	BC	14K8	A3E									6	
G	BALDOCK	15340.000	24	11				Sound of Hope	CHN	BC	10K0E	A3E							54	B		
KOR	CRMS	15340.000	04	12	0416	0416	1.4		CHN	BC	14K9	A3E									6	
I	ROMA	15340.000	05	12	1049	1050	23.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
HNG	TARNOK	15349.999	24	12	0300	0330	21.4	AWR	CLN	BC	9K03	A3E										
ROU	BELCIUGATELE	15350.000	05	10	0949	1025	39.1	China Radio International	CHN	BC	9K00	A3E							82	A		Kashi-saibagh English Language
ROU	BELCIUGATELE	15350.000	05	10	1138	1208	63.5	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Emirler German Language
I	ROMA	15350.000	13	10	0820		12.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
I	ROMA	15350.000	17	10	0900	0901	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
F	RAMBOUILLET	15350.000	27	10	0700	1100	31.0	CRI	CHN													
F	RAMBOUILLET	15350.000	27	10	1120	1400	51.0	VO TURKEY	TUR													
F	RAMBOUILLET	15350.000	30	10	0600	1400	57.0	CRI														
I	ROMA	15350.000	02	11	1023	1024	53.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15350.000	14	11	0905	0906	49.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	15350.000	05	12	1052	1053	53.0	TURKISH RADIO-TV	TUR	BC	9K00E	A3E							92	A		
HNG	TARNOK	15350.070	24	12	1000	1500	37.8	CRI	CHN	BC	11K5	A3E										
KOR	CRMS	15360.000	06	10	0714	0714	30.8		CHN	BC	13K9	A3E									6	
KOR	CRMS	15360.000	02	11	0549	0549	18.9		CHN	BC	14K8	A3E									6	
KOR	CRMS	15360.000	05	12	0717	0717	24.5		CHN	BC	14K8	A3E									6	
I	ROMA	15365.000	03	10	0819	0820	23.0	USAGM	KWT	BC	10K0E	A3E							102	A		
ROU	BELCIUGATELE	15375.000	05	10	1310	1340	70.8	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Emirler Turkish Language
I	ROMA	15390.000	13	10	0820		16.0	CNR 13	CHN	BC	9K00E	A3E										
I	ROMA	15390.000	17	10	0910	0911	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
F	RAMBOUILLET	15390.000	30	10	1230	1400	45.0	CNR 13														
I	ROMA	15390.000	02	11	1034	1034	30.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
I	ROMA	15390.000	05	12	1055	1055	21.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							56	A		
HNG	TARNOK	15399.999	26	12	1600	1700	29.9	RFA	KWT	BC	11K6	A3E										
F	RAMBOUILLET	15400.000	30	10	1800	1900	40.0	BBC	G													
I	ROMA	15400.000	20	11	1838	1840	54.0	BBC WORLD SERVICE	G	BC	10K0E	A3E							214	A		
I	ROMA	15400.000	05	12	1057	1058	24.0	ALL INDIA RADIO	IND	BC	10K0E	A3E							97	A		
HNG	TARNOK	15400.002	26	12	0500	0700	24.0	CRI	CHN	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
HNG	TARNOK	15400.005	26	12	0900	1157	46.1	CRI	CHN	BC	10K2	A3E										
HNG	TARNOK	15409.999	26	12	0600	0700	52.0	BBC	STP	BC	10K0	A3E										
KOR	CRMS	15410.000	10	10	0749	0749	6.0		CHN	BC	14K8	A3E									6	
F	RAMBOUILLET	15410.000	31	10	0900	1000	25.0	SQH	CHN													
KOR	CRMS	15410.000	06	11	0835	0835	-0.6		CHN	BC	14K9	A3E									6	
KOR	CRMS	15410.000	01	12	0722	0722	29.9		CHN	BC	14K6	A3E									6	
HNG	TARNOK	15419.998	26	12	1800	2000	22.9	BBC	G	BC	9K74	A3E										
ROU	BELCIUGATELE	15420.000	19	10	1420	1450	54.5	BBC	UAE	BC	9K00	A3E							126	A		Turkish Language
I	ROMA	15420.000	20	11	1841	1843	31.0	BBC WORLD SERVICE	G	BC	10K0	A3E							213	A		
G	BALDOCK	15420.000	21	11				Adventist World Radio	MAU	BC	9K00E	A3E							134	B		
HNG	TARNOK	15420.006	26	12	1800	1900	13.6	BBC	G	BC	11K6	A3E										
HNG	TARNOK	15420.014	26	12	0900	1200	17.6	AIR	IND	BC	11K5	A3E										
HNG	TARNOK	15420.126	26	12	1200	1327	37.8	RRO	ROU	BC	9K67	A3E										
KOR	CRMS	15425.000	05	10	0214	0214	24.8		CHN	BC	13K6	A3E									11	
KOR	CRMS	15425.000	08	11	0014	0014	29.8		PHL	BC	14K8	A3E									6	
HNG	TARNOK	15425.001	26	12	1600	1900	26.6	VOA	STP	BC	10K4	A3E										
F	RAMBOUILLET	15430.000	31	10	1200	1400	32.0	KSDA	USA													
HNG	TARNOK	15430.001	26	12	0400	0557	46.5	CRI	CHN	BC	15K6	A3E										
HNG	TARNOK	15430.014	26	12	1000	1100	22.2	KSDA-AWR	USA	BC	10K5	A3E									3	
HNG	TARNOK	15439.990	26	12	0857	1000	17.8	FEBC RADIO	PHL	BC	10K1	A3E									3	
F	RAMBOUILLET	15440.000	31	10	0900	1200	44.0															
ROU	BELCIUGATELE	15440.000	03	11	1040	1059	48.7	China Radio International	CHN	BC	9K00	A3E							83	A		Kunming-anning Cantonese Language
G	BALDOCK	15440.000	24	11				Unid - Hindi Language	CHN	BC	10K0E	A3E							57	B		
I	ROMA	15440.000	05	12	1100	1101	24.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
HNG	TARNOK	15440.002	26	12	1400	1500	45.4	BBC	UAE	BC	10K8	A3E									3	
KOR	CRMS	15445.000	18	10	0201	0201	36.9		CHN	BC	14K9	A3E									6	
HNG	TARNOK	15445.001	25	12	1342	2400	34.4	CNR1	CHN	BC	9K89	A3E										
HNG	TARNOK	15445.005	26	12	1600	1630	31.6			BC	9K56	A3E										
HNG	TARNOK	15449.965	26	12	0703	1200	21.2	IFRIKYA FM	ALG	BC	11K5	A3E										
KOR	CRMS	15450.000	26	10	0854	0854	5.4		PHL	BC	14K7	A3E									6	
F	RAMBOUILLET	15450.000	31	10	1400	1430	25.0															
F	RAMBOUILLET	15450.000	02	11	1415	1615	25.0															
KOR	CRMS	15450.000	08	11	0015	0015	3.3		PHL	BC	14K5	A3E									6	
KOR	CRMS	15450.000	15	12	0652	0652	30.3		PHL	BC	13K0	A3E									6	
HNG	TARNOK	15450.001	26	12	1400	1500	29.3			BC	10K8	A3E										
I	ROMA	15455.000	03	10	0822	0822		R.FRANCE INTERNATION	F	BC	10K0E	A3E							307	A		
I	ROMA	15455.000	13	10	0820		27.0	R.FRANCE INT.		BC	9K00E	A3E										
F	RAMBOUILLET	15455.000	02	11	0800	0830	17.0															
I	ROMA	15460.000	10	11	1529	1532	56.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E							164	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	15460.001	26	12	1200	1300	32.0	KSDA-AWR	USA	BC	9K81	A3E									3	
HNG	TARNOK	15460.002	26	12	1430	1530	20.0	VOA	PHL	BC	10K8	A3E										
HNG	TARNOK	15460.003	26	12	1500	1600	42.7	VOA	BOT	BC	11K3	A3E										
I	ROMA	15465.000	05	10	0655	0655	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
F	RAMBOUILLET	15480.000	02	11	1130	1800	35.0															
F	RAMBOUILLET	15500.000	03	11	0700	1400	33.0	AWR														
ROU	BELCIUGATELE	15500.000	03	11	1035	1059	47.7	KSDA-Adventist World Radio Guam	USA	BC	9K00	A3E							65	A		Agat Mongolian Language
I	ROMA	15500.000	05	12	1103	1103	23.0	ADVENTIST WORLD RADI	USA	BC	10K0	A3E							50	A		
ROU	BELCIUGATELE	15500.000	29	12	1100	1130	55.6	KSDA-ADVENTIST WORLD R.GUAM	USA	BC	9K00	A3E							63	A		Indonesian language
HNG	TARNOK	15500.037	28	12	0900	1057	22.8	CRI	CHN	BC	9K25	A3E										
HNG	TARNOK	15504.995	28	12	1430	1500	17.2	KSDA-AWR	USA	BC	11K1	A3E									3	
I	ROMA	15505.000	05	10	0658	0658	50.0	ENCOMPASS DIGITAL ME	G	BC	10K0E	A3E							320	A		
ROU	BELCIUGATELE	15505.000	06	10	0658	0727	39.6	Radio Ndarason International		BC	9K00	A3E							226	A		Ascension Island
ROU	BELCIUGATELE	15505.000	19	10	1425	1455	53.3	ADVENTIST WORLD R.	TJK	BC	9K00	A3E							88	A		English Language
ROU	BELCIUGATELE	15505.000	27	10	0730	0800	44.7	RADIO NDARASON INTERNATI	G	BC	9K00	A3E							226	A		Kannada Language
HNG	TARNOK	15505.038	28	12	1200	1330	40.8	AWR	UZB	BC	11K5	A3E									3	
HNG	TARNOK	15510.000	28	12	1500	1727	50.3	JRC RADIO	CVA	BC	10K0	A3E									3	
HNG	TARNOK	15514.999	28	12	1430	1500	18.2	KSDA-AWR	USA	BC	11K7	A3E										
HNG	TARNOK	15515.000	28	12	0600	1100	14.0	CNR7		BC	11K7	A3E										
I	ROMA	15525.000	13	10	0820		16.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
I	ROMA	15525.000	02	11	1037	1038	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							61	A		
F	RAMBOUILLET	15525.000	03	11	0700	1800	34.0	CRI	CHN													
ROU	BELCIUGATELE	15525.000	03	11	1004	1038	44.9	China Radio International	CHN	BC	10K0	A3E							71	A		Urumqi Hutubi Chinese Language
I	ROMA	15525.000	12	12	1024	1025	20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
HNG	TARNOK	15525.003	28	12	0645	0715	46.6				30K0E	F0N									13	OTHR
HNG	TARNOK	15529.824	28	12	1156	1310	45.3				30K0E	F0N										OTHR
HNG	TARNOK	15530.015	28	12	1310	1400	17.1	AWR	USA	BC	10K8	A3E										
ROU	BELCIUGATELE	15540.000	06	10	0731	0755	30.6	CNR 2 China Business Radio	CHN	BC	16K0	A3E							68	A		Lingshi Chinese Language
I	ROMA	15540.000	13	10	0820		3.0	CNR 2 CHINA BUSINESS	CHN	BC	9K00E	A3E										
I	ROMA	15540.000	02	11	1041	1041	21.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							56	A		
F	RAMBOUILLET	15540.000	03	11	0700	1400	32.0	CNR	CHN													
ROU	BELCIUGATELE	15540.000	03	11	1000	1036	47.5	CNR 2 China Business Radio	CHN	BC	20K0	A3E							67	A		Lingshi Chinese Language
HNG	TARNOK	15540.000	27	12	2000	2400	27.2				3K00E	G7D										
HNG	TARNOK	15545.000	28	12	1032	1200	39.3	KSDA-AWR	USA	BC	9K01	A3E									3	
HNG	TARNOK	15549.996	28	12	1300	1330	17.7	KSDA-AWR	USA	BC	10K1	A3E									3	
HNG	TARNOK	15549.999	28	12	0600	1100	17.5	CNR2	CHN	BC	11K7	A3E										
I	ROMA	15550.000	05	10	0700	0701	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							52	A		
ROU	BELCIUGATELE	15550.000	06	10	0735	0738	32.0	CNR 7 Radio Great Bay	CHN	BC	9K00	A3E							65	A		Huhhot

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	15550.000	03	11	0700	1500	30.0	CNR	CHN													
F	RAMBOUILLET	15550.000	06	11	1400	1800	24.0	RADIO TAMAZUJ JRC														
HNG	TARNOK	15550.015	28	12	1400	1500	19.9	AWR	TJK	BC	10K8	A3E										
I	ROMA	15560.000	13	10	0820		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	15560.000	17	10	0913	0913	26.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							60	A		
F	RAMBOUILLET	15560.000	06	11	0700	1000	30.0	CRI	CHN													
I	ROMA	15560.000	21	11	0840	0840	33.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							60	A		
F	RAMBOUILLET	15565.000	06	11	1500	1700	30.0	VATICAN RADIO	CVA													
F	RAMBOUILLET	15580.000	06	11	0800	1800	32.0	FEBC	PHL													
G	BALDOCK	15580.000	21	11				Voice of America (BOT)	BOT	BC	9K50E	A3E							155	B		
F	RAMBOUILLET	15580.000	05	12	0900	1600	31.0	FEBC RADIO			10K0	A3EG -								A		
F	RAMBOUILLET	15580.000	05	12	1400	1700	33.0	VOA			10K0E	A3EG -								A		
F	RAMBOUILLET	15585.000	05	12	0900	1500	28.0				10K0E	A3EG -								A	9	
F	RAMBOUILLET	15585.000	05	12	1200	1230	18.0				20K0E	PXX								A	9	OTHR
I	ROMA	15590.000	13	10	0803	0819	28.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	X7W							70	A		DRM
F	RAMBOUILLET	15595.000	05	12	1400	1600	31.0	VOA			10K0E	A3EG -								A		
F	RAMBOUILLET	15600.000	05	12	0930	1025	18.0				20K0E	PXX								A	9	OTHR
J	TOKYO	15601.490	03	10	0750							F1B							168	C		
J	TOKYO	15601.490	07	11	2356				USA			F1B	144	E	43	13	N	18	169	B		GUM
J	TOKYO	15601.500	11	10	0612				USA			F1B	144	E	40	13	N	25	168	B		GUM
J	TOKYO	15601.500	21	11	0751				USA			F1B	144	E	40	13	N	15	166	A		GUM
J	TOKYO	15601.500	28	11	0605				USA			F1B	144	E	42	13	N	27	169	A		GUM
J	TOKYO	15601.500	12	12	0134				USA			F1B	144	E	53	13	N	34	169	A		GUM
J	TOKYO	15601.500	18	12	2349				USA			F1B	144	E	46	13	N	38	168	B		GUM
J	TOKYO	15601.500	25	12	1005				USA			F1B	144	E	34	13	N	21	169	B		GUM
J	TOKYO	15601.510	17	10	0420							F1B							168	C		
G	BALDOCK	15610.000	21	11				EWTN	USA	BC	10K0E	A3E							290	B		
HNG	TARNOK	15610.000	30	12	0630	1330	27.2	RADIO AZADI	CHN	BC	10K0	A3E										
J	TOKYO	15615.000	03	10	0754				AUS			F3C	119	E	55	19	S	51	202	A		
J	TOKYO	15615.000	21	11	0755				AUS			F3C	120	E	38	25	S	04	200	A		
J	TOKYO	15615.000	18	12	2352							F3C							201	C		
HNG	TARNOK	15615.015	30	12	1400	1530	22.5	FEBC RADIO	PHL	BC	9K66	A3E										
HNG	TARNOK	15620.000	30	12	0500	1329	25.6	IRAN INT. TV	UZB	BC	10K0E	A3E									3	
HNG	TARNOK	15620.003	30	12	0700	0730	52.1	AWR	AUT	BC	10K6	A3E										
HNG	TARNOK	15629.836	29	12	2140	2158	31.2				100H	A1B										
I	ROMA	15630.000	05	10	0705	0706	27.0	WORLD MUSIC RADIO	DNK	BC	10K0E	A3E							354	A		
ROU	BELCIUGATELE	15630.000	06	10	0808	0829	46.2	Iran International TV	UZB	BC	9K00	A3E							84	A		Tashkent Persian Language
I	ROMA	15630.000	13	10	0820		19.0	IRAN INTERNATIONAL T	UZB	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
ROU	BELCIUGATELE	15630.000	17	10	0702	0736	39.0	Iran International TV	UZB	BC	9K00	A3E							84	A		Tashkent Persian Language
ROU	BELCIUGATELE	15630.000	19	10	1106	1135	52.5	Iran International TV	UZB	BC	9K00	A3E							83	A		Tashkent Persian Language
ROU	BELCIUGATELE	15630.000	03	11	1007	1040	44.3	Iran International TV	UZB	BC	4K50	A3E							83	A		Tashkent Persian Language
F	RAMBOUILLET	15630.000	07	11	0700	1400	34.0	IRAN TV	IRN													
KOR	CRMS	15630.000	21	11	0535	0535	25.2		UZB	BC	14K9	A3E									6	
I	ROMA	15630.000	12	12	1028	1029	20.0	IRAN INTERNATIONAL T	UZB	BC	9K00E	A3E							71	A		
I	ROMA	15640.000	02	11	1044	1045	20.0	BBC WORLD SERVICE	SNG	BC	9K00E	A3E							88	A		
KOR	CRMS	15640.000	06	11	0836	0836	1.7		KWT	BC	15K0	A3E									6	
F	RAMBOUILLET	15640.000	07	11	0700	1400	33.0	AZADI RADIO	KWT													
KOR	CRMS	15640.000	08	12	0737	0737	-2.6		KWT	BC	15K0	A3E									6	
I	ROMA	15640.000	12	12	1031	1032	20.0	USAGM	KWT	BC	9K00E	A3E							102	A		
HNG	TARNOK	15640.001	30	12	0600	0700	57.9	CRI	CHN	BC	15K2	A3E										
ROU	BELCIUGATELE	15660.000	16	10	1159	1215	43.8	China Radio International	CHN	BC	9K00	A3E							82	A		Kashi-saibagh English Language
ROU	BELCIUGATELE	15660.000	19	10	1114	1139	44.1	China Radio International	CHN	BC	9K00	A3E							83	A		Kashi-saibagh English Language
ROU	BELCIUGATELE	15665.000	06	10	0812	0842	61.6	China Radio International	CHN	BC	9K00	A3E							71	A		Urumqi Hutubi Chinese Language
I	ROMA	15665.000	13	10	0820		33.0	CHINA RADIO INTERNAT		BC	9K00E	A3E										
I	ROMA	15665.000	17	10	0915	0916	37.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							61	A		
ROU	BELCIUGATELE	15665.000	24	10	0805	0835	56.4	CHINA RADIO INTERNATIONAL	CHN	BC	9K00	A3E							70	A		Russian Language
F	RAMBOUILLET	15665.000	08	11	0700	1400	30.0	CRI	CHN													
I	ROMA	15665.000	21	11	0851	0851	28.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							61	A		
I	ROMA	15665.000	12	12	1034	1035	26.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
ROU	BELCIUGATELE	15690.000	06	10	0845	0946	58.6	Radio Farda	D	BC	9K00	A3E							301	A		Biblis Peersian Language
I	ROMA	15690.000	13	10	0820		21.0	R.FARDA	D	BC	9K00E	A3E										
ROU	BELCIUGATELE	15690.000	16	10	1215	1318	59.5	Radio Farda	D	BC	9K00	A3E							301	A		Biblis Persian Language
ROU	BELCIUGATELE	15690.000	17	10	0840	0938	57.7	Radio Farda	D	BC	10K0	A3E							301	A		Biblis Persian Language
I	ROMA	15690.000	17	10	0917	0918	37.0	USAGM	D	BC	10K0E	A3E							341	A		
I	ROMA	15690.000	02	11	1047	1047	31.0	USAGM	D	BC	10K0E	A3E							341	A		
ROU	BELCIUGATELE	15690.000	03	11	1119	1151	79.3	Radio Farda	D	BC	9K00	A3E							301	A		Lampertheim Persian Language
ROU	BELCIUGATELE	15690.000	06	11	1426	1501	74.2	Radio Farda	D	BC	12K0	A3E							301	A		Lampertheim Persian Language
F	RAMBOUILLET	15690.000	08	11	0700	1400	49.0	FARDA RADIO	D													
I	ROMA	15690.000	21	11	0853	0853	24.0	USAGM	D	BC	10K0E	A3E							341	A		
ROU	BELCIUGATELE	15690.000	13	12	1326	1433	65.7	Radio Farda	G	BC	12K0	A3E							300	A		Lampertheim Persian Language
ROU	BELCIUGATELE	15692.500	06	10	0840	0845	50.9				1K00								29	A		
ROU	BELCIUGATELE	15700.000	06	10	0948	1020	45.5	World Music Radio	DNK	BC	9K00	A3E							326	A		Randers
I	ROMA	15700.000	13	10	0820		24.0			BC	9K00E	A3E										
I	ROMA	15700.000	19	10	0734	0734	39.0	WORLD MUSIC RADIO	DNK	BC	10K0E	A3E							354	A		
I	ROMA	15700.000	02	11	1049	1050	34.0	WORLD MUSIC RADIO	DNK	BC	10K0E	A3E							354	A		
F	RAMBOUILLET	15700.000	08	11	0700	1400	30.0	CRI	CHN													
I	ROMA	15700.000	21	11	0855	0855	39.0	WORLD MUSIC RADIO	DNK	BC	10K0E	A3E							354	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	15700.000	12	12	1037	1039	37.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15710.000	05	10	0707	0708	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							51	A		
I	ROMA	15710.000	19	10	0736	0736	21.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							51	A		
I	ROMA	15710.000	21	11	0857	0857	22.0	CHINA NATIONAL RADIO	CHN	BC	10K0	A3E							51	A		
ROU	BELCIUGATELE	15710.000	13	12	1322	1400	70.6	Voice of America	I	BC	9K00	A3E							263	A		Santa Maria I Galeria Somali Language
I	ROMA	15720.000	13	10	0820		23.0			BC	9K00E	A3E										
ROU	BELCIUGATELE	15720.000	24	10	0930	1000	68.8	VOICE OF TURKEY	TUR	BC	9K00	A3E							136	A		Persian Language
ROU	BELCIUGATELE	15725.000	13	12	1318	1400	68.3	Radio Free Asia	TJK	BC	18K0	A3E							83	A		Dushanbe-orzu Tibetan Language
KOR	CRMS	15740.000	04	10	0537	0537	12.5		CHN	BC	14K9	A3E									6	
KOR	CRMS	15740.000	01	11	0539	0539	27.7		CHN	BC	14K7	A3E									6	
KOR	CRMS	15740.000	20	12	0113	0113	24.8		CHN	BC	14K9	A3E									6	
ROU	BELCIUGATELE	15745.000	03	11	1121	1155	49.9	Radio Free Asia	USA	BC	9K00	A3E							73	A		Tinian Island Tibetan Language
I	ROMA	15750.000	05	10	0710	0710	24.0	USAGM	KWT	BC	10K0E	A3E							102	A		
ROU	BELCIUGATELE	15750.000	06	10	1020	1108	41.1	Mashaal Radio	KWT	BC	9K00	A3E							125	A		Kuwait Pashto Language
I	ROMA	15750.000	13	10	0820		21.0			BC	9K00E	A3E										
I	ROMA	15750.000	19	10	0738	0739	24.0	USAGM	KWT	BC	10K0E	A3E							102	A		
KOR	CRMS	15760.000	05	10	0218	0218	14.4		CHN	BC	14K8	A3E									6	
KOR	CRMS	15760.000	06	11	0837	0837	17.0		CHN	BC	14K7	A3E									6	
KOR	CRMS	15760.000	01	12	0723	0723	19.6		CHN	BC	14K9	A3E									6	
I	ROMA	15760.000	12	12	1046	1046	20.0	THE OVERCOMER MINIST	USA	BC	10K0	A3E							293	A		
I	ROMA	15765.000	02	11	1052	1052	20.0	RADIO RUSSIA	RUS	BC	10K0E	A3E							45	A		
ROU	BELCIUGATELE	15765.000	13	12	1255	1259	62.7	Mashaal Radio	THA	BC	9K00	A3E							89	A		Udon Thani Pashto Language
I	ROMA	15770.000	13	10	0820		19.0	WRMI OVERCOMER MINIS	USA	BC	9K00E	A3E										
I	ROMA	15770.000	19	10	0741	0742	42.0	RADIO MIAMI INTERNAT	USA	BC	10K0E	A3E							293	A		
G	BALDOCK	15770.000	21	11				Voice of America	USA	BC	10K0E	A3E							282	B		
I	ROMA	15770.000	21	11	0900	0901	29.0	RADIO MIAMI INTERNAT	USA	BC	10K0E	A3E							293	A		
KOR	CRMS	15775.000	05	10	0219	0219	8.3		CHN	BC	14K8	A3E									6	
KOR	CRMS	15775.000	13	11	0538	0538	21.2		CHN	BC	14K8	A3E									6	
KOR	CRMS	15775.000	20	12	0113	0113	29.7		CHN	BC	14K6	A3E									11	
J	TOKYO	15799.940	28	11	0609			SOUND OF HOPE		BC		A3E	120	E	26	23	N	44	241	B		TAIWAN
J	TOKYO	15799.950	08	11	0057			SOUND OF HOPE		BC		A3E	120	E	45	23	N	30	240	B		TAIWAN
J	TOKYO	15799.990	08	11	0010				CHN	BC		A3E	108	E	39	19	N	36	248	B		
KOR	CRMS	15800.000	11	10	0114	0114	18.2		CHN	BC	14K8	A3E									6	
J	TOKYO	15800.000	24	10	0138			CHINA N.R.		BC		A3E	117	E	08	25	N	25	250	B		
ROU	BELCIUGATELE	15800.000	24	10	0940	1010	35.6	SOH XI WANG ZHI SHERIG	CHN	BC	9K00	A3E							83	A		Chinese Language
G	BALDOCK	15800.000	25	10					CHN	BC	9K00E	A3E										MAOLI TX SITE TWN
KOR	CRMS	15800.000	01	11	0539	0539	5.5		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	15800.000	06	11	1430	1500	67.5	SOH Xi Wang Zhi Sheng	CHN	BC	12K0	A3E							85	A		Miaoli Chinese Language
F	RAMBOUILLET	15800.000	14	11	0700	1400	38.0	ROMANIA RADIO	ROU													

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	15800.000	14	11	1013					BC		A3E							248	C		
F	RAMBOUILLET	15800.000	15	11	0700	1800	37.0	SQH	CHN													
J	TOKYO	15800.000	28	11	0608			CHINA N.R.		BC		A3E	111	E	48	36	N	58	282	B		
KOR	CRMS	15800.000	01	12	0723	0723	9.6		CHN	BC	14K5	A3E									6	
G	BALDOCK	15814.000	21	10					CYP	FX	3K00E	G1D							114	B		
F	RAMBOUILLET	15814.100	14	11	0700	1500	19.0															
F	RAMBOUILLET	15814.200	15	11	0700	1700	19.0															
J	TOKYO	15819.790	11	10	0621			SOUND OF HOPE		BC		A3E	120	E	55	23	N	39	240	B	11	TAIWAN
J	TOKYO	15819.790	24	10	0139			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	15819.790	28	11	0612			SOUND OF HOPE		BC		A3E	120	E	40	23	N	26	240	B	11	TAIWAN
J	TOKYO	15819.800	05	12	0420			SOUND OF HOPE		BC		A3E	120	E	22	22	N	47	239	A	11	TAIWAN
J	TOKYO	15819.800	12	12	0137			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	15819.810	17	10	0426			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	15819.820	08	11	0012			SOUND OF HOPE		BC		A3E	120	E	21	23	N	12	243	B	11	TAIWAN
J	TOKYO	15819.930	18	12	2355			SOUND OF HOPE		BC		A3E	120	E	18	22	N	44	239	B	11	TAIWAN
G	BALDOCK	15824.000	25	10					RUS	FX	650HE	F1B							65	B		
G	BALDOCK	15825.000	22	10				WWCR NASHVILLE	USA	BC	9K00E	A3E							290	B		NASHVILLE TX
F	RAMBOUILLET	15825.000	15	11	0700	1900	32.0	WWCR	USA													
J	TOKYO	15839.740	11	10	0622			SOUND OF HOPE		BC		A3E	127	E	45	36	N	54	281	B	11	KOR
J	TOKYO	15839.750	03	10	0755			SOUND OF HOPE		BC		A3E							280	C	11	TAIWAN
J	TOKYO	15839.750	17	10	0428			SOUND OF HOPE		BC		A3E							281	C	11	
J	TOKYO	15839.790	24	10	0139			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	15839.850	08	11	0015			SOUND OF HOPE		BC		A3E	127	E	45	37	N	06	282	A	11	KOR
J	TOKYO	15839.910	18	12	2356			SOUND OF HOPE		BC		A3E	126	E	53	36	N	56	281	B	11	KOR
F	RAMBOUILLET	15840.000	15	11	1330	1420	19.0															
G	BALDOCK	15847.000	25	10					RUS	FX	650HE	F1B							66	B		
F	RAMBOUILLET	15855.000	14	11	0900	1630	19.0															
G	BALDOCK	15859.800	22	10					D	FX	3K00E	G1D							70	B		2400
J	TOKYO	15864.800	17	10	0433							J2B							322	C		
J	TOKYO	15869.680	08	11	0017			SOUND OF HOPE		BC		A3E	121	E	44	24	N	35	240	B	11	TAIWAN
J	TOKYO	15869.690	17	10	0435			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	15869.690	28	11	0620			SOUND OF HOPE		BC		A3E	120	E	16	23	N	12	240	B	11	TAIWAN
J	TOKYO	15869.690	05	12	0421			SOUND OF HOPE		BC		A3E	120	E	14	23	N	07	240	A	11	TAIWAN
J	TOKYO	15869.690	12	12	0138			SOUND OF HOPE		BC		A3E	120	E	25	22	N	43	239	A	11	TAIWAN
J	TOKYO	15869.710	18	12	2358			SOUND OF HOPE		BC		A3E	121	E	13	23	N	11	238	B	11	TAIWAN
J	TOKYO	15869.720	25	12	1007			SOUND OF HOPE		BC		A3E	121	E	21	23	N	29	238	B	11	TAIWAN
J	TOKYO	15870.000	11	10	0624				RUS			F1B	132	E	07	43	N	28	323	A		
G	BALDOCK	15870.000	21	10					CYP	LR	25K0E	P0N							112	B		CYPRUS
J	TOKYO	15870.000	21	11	0758				RUS			F1B	038	E	17	53	N	50	321	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	15870.000	28	11	0616				RUS			F1B	038	E	12	56	N	02	323	B		
J	TOKYO	15870.020	03	10	0755			SOUND OF HOPE		BC		A3E							240	C	11	KOR
J	TOKYO	15889.970	11	10	0625			SOUND OF HOPE		BC		A3E	120	E	33	23	N	16	240	B	11	TAIWAN
J	TOKYO	15889.980	03	10	0800			SOUND OF HOPE		BC		A3E							240	C	11	TAIWAN
J	TOKYO	15889.980	28	11	0622			SOUND OF HOPE		BC		A3E	120	E	23	23	N	26	240	B	11	TAIWAN
J	TOKYO	15889.990	17	10	0437			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	15889.990	05	12	0422			SOUND OF HOPE		BC		A3E	120	E	16	23	N	11	240	A	11	TAIWAN
J	TOKYO	15890.000	21	11	0803			SOUND OF HOPE		BC		A3E	120	E	20	23	N	00	239	A	11	TAIWAN
J	TOKYO	15890.000	12	12	0139			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	15890.010	14	11	1017			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	15890.030	25	12	1008			SOUND OF HOPE		BC		A3E	120	E	39	23	N	05	239	B	11	TAIWAN
G	BALDOCK	15893.000	25	10					RUS	FX	650HE	F1B							68	B		
J	TOKYO	15919.830	11	10	0626			SOUND OF HOPE		BC		A3E	120	E	45	23	N	35	240	B	11	TAIWAN
J	TOKYO	15919.850	14	11	1102			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	15919.850	28	11	0624			SOUND OF HOPE		BC		A3E	121	E	17	23	N	55	240	B	11	TAIWAN
J	TOKYO	15919.870	08	11	0018			SOUND OF HOPE		BC		A3E	120	E	42	23	N	28	240	B	11	TAIWAN
J	TOKYO	15919.890	25	12	1010			SOUND OF HOPE		BC		A3E	121	E	27	25	N	16	242	B	11	TAIWAN
RUS	BELGOROD	15920.000	02	10	0730	0740	43.0		CHN	BC	10K0	A3E	104	E	51	35	N	53	79	B	11	
RUS	ARKHANGELSK	15920.000	02	10	1320	1330	34.0		CHN	BC	2K10	A3E							74	B		
J	TOKYO	15920.000	03	10	0802			CHINA N.R.		BC		A3E							320	C	11	
KOR	CRMS	15920.000	05	10	0220	0220	27.2		CHN	BC	14K8	A3E									11	
J	TOKYO	15920.000	17	10	0439			CHINA N.R.		BC		A3E	116	E	31	39	N	36	289	A	11	
J	TOKYO	15920.000	24	10	0140			CHINA N.R.		BC		A3E	119	E	08	26	N	29	250	B	11	
G	BALDOCK	15920.000	25	10					CHN	BC	9K00E	A3E							51	B		MIAOLI TX SITE
KOR	CRMS	15920.000	01	11	0540	0540	9.8		CHN	BC	14K5	A3E									11	
J	TOKYO	15920.000	08	11	0019				CHN	BC		A3E	101	E	35	27	N	37	267	B		
J	TOKYO	15920.000	14	11	1020					BC		A3E							246	C		
F	RAMBOUILLET	15920.000	16	11	0700	1630	37.0	SQH	CHN													
J	TOKYO	15920.000	21	11	0805			CHINA N.R.		BC		A3E	087	E	23	43	N	37	298	A	11	
J	TOKYO	15920.000	28	11	0624			CHINA N.R.		BC		A3E	109	E	14	19	N	55	248	B	11	
KOR	CRMS	15920.000	01	12	0723	0723	30.7		CHN	BC	14K8	A3E									11	
J	TOKYO	15920.000	05	12	0423			CHINA N.R.		BC		A3E	124	E	05	47	N	12	318	A	11	
J	TOKYO	15920.000	19	12	0002				CHN	BC		A3E	119	E	36	25	N	36	246	B		
J	TOKYO	15920.000	25	12	1010			CHINA N.R.		BC		A3E	119	E	04	25	N	11	245	B	11	
RUS	S. PETERSBURG	15920.002	02	10	1022	1028	37.0		CHN	BC	15K6	A3E	117	E	37	24	N	59	79	B		
J	TOKYO	15920.010	12	12	0141			CHINA N.R.		BC		A3E							247	D	11	
KOR	CRMS	15940.000	05	10	0221	0221	4.8		CHN	BC	14K9	A3E									11	
J	TOKYO	15940.000	11	10	0627				RUS	FC		F1B	135	E	28	48	N	50	346	A		
G	BALDOCK	15940.000	25	10					RUS	FC	650HE	F1B								B		AUTOSPEC - MURMANSK

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	15940.000	06	11	0838	0838	11.6		CHN	BC	14K5	A3E									11	
J	TOKYO	15940.000	28	11	0629				RUS			F1B	135	E	43	48	N	49	347	B		
KOR	CRMS	15940.000	01	12	0723	0723	13.7		CHN	BC	14K3	A3E									11	
J	TOKYO	15940.280	03	10	0808			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	15940.280	17	10	0441			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	15940.290	08	11	0025			SOUND OF HOPE		BC		A3E	121	E	40	24	N	52	241	B	11	TAIWAN
J	TOKYO	15940.290	21	11	0811			SOUND OF HOPE		BC		A3E	121	E	17	24	N	45	242	B	11	TAIWAN
J	TOKYO	15940.290	12	12	0145			SOUND OF HOPE		BC		A3E	120	E	18	23	N	20	240	A	11	TAIWAN
J	TOKYO	15940.300	14	11	1023			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	15940.300	05	12	0422			SOUND OF HOPE		BC		A3E	121	E	24	24	N	56	242	A	11	TAIWAN
J	TOKYO	15940.300	19	12	0003			SOUND OF HOPE		BC		A3E	121	E	43	24	N	50	241	B	11	TAIWAN
J	TOKYO	15940.310	25	12	1016			SOUND OF HOPE		BC		A3E	121	E	18	23	N	46	239	B	11	TAIWAN
G	BALDOCK	15950.000	21	10					RUS	LR	6K00E	P0N							70	B		
F	RAMBOUILLET	15950.000	16	11	0830	0920	17.0															
G	BALDOCK	15954.000	25	10					CYP	LR	25K0E	P0N							114	A		CYPRESS
G	BALDOCK	15959.000	22	10					USA	FX	1K10E	F1B							287	B		850 HZ SHIFT 50
J	TOKYO	15959.000	24	10	0141							F1B							27	C		
F	RAMBOUILLET	15960.000	16	11	1050	1900	18.0															
J	TOKYO	15969.730	11	10	0628			SOUND OF HOPE		BC		A3E	121	E	10	24	N	02	240	B	11	TAIWAN
J	TOKYO	15969.740	08	11	0027			SOUND OF HOPE		BC		A3E	122	E	06	24	N	49	240	B	11	TAIWAN
J	TOKYO	15969.740	28	11	0636			SOUND OF HOPE		BC		A3E	121	E	39	24	N	56	241	B	11	TAIWAN
J	TOKYO	15969.770	21	11	0813			SOUND OF HOPE		BC		A3E	121	E	22	24	N	55	242	B	11	TAIWAN
RUS	VERHNEYE DUBROVO	15970.000	02	10	0536	0550	27.0		CHN		2K78	A3E	086	E	50	43	N	50	118	C		
RUS	NYAGAN	15970.000	02	10	0536	0550	27.0		CHN		2K78	A3E	086	E	50	43	N	50	136	B		
RUS	BELGOROD	15970.000	02	10	0740	0745	30.4		CHN	BC	8K50	A3E	087	E	03	43	N	52	81	B	11	
RUS	ARKHANGELSK	15970.000	02	10	1330	1340	35.0		CHN	BC	2K25	A3E							89	B		
J	TOKYO	15970.000	03	10	0810			CHINA N.R.		BC		A3E							298	C	11	
KOR	CRMS	15970.000	06	10	0717	0717	22.0		CHN	BC	13K7	A3E									11	
J	TOKYO	15970.000	24	10	0141			CHINA N.R.		BC		A3E	125	E	47	46	N	54	319	B	11	
KOR	CRMS	15970.000	25	10	0701	0701	44.2		PHL	BC	15K0	A3E									11	
KOR	CRMS	15970.000	01	11	0540	0540	6.6		CHN	BC	14K8	A3E									11	
J	TOKYO	15970.000	08	11	0027				CHN	BC		A3E	103	E	06	28	N	00	267	B		
ROU	BELCIUGATELE	15970.000	08	11	1311	1344	55.2	soh Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							82	A		Miaoli Chinese Language
F	RAMBOUILLET	15970.000	16	11	0700	1900	37.0	SQH	CHN													
J	TOKYO	15970.000	21	11	0811			CHINA N.R.		BC		A3E	108	E	45	18	N	46	247	A	11	
J	TOKYO	15970.000	28	11	0635			CHINA N.R.		BC		A3E	118	E	26	32	N	27	266	B	11	
KOR	CRMS	15970.000	01	12	0723	0723	8.6		CHN	BC	14K1	A3E									11	
J	TOKYO	15970.000	05	12	0424			CHINA N.R.		BC		A3E	117	E	10	25	N	38	250	A	11	
J	TOKYO	15970.000	12	12	0146			CHINA N.R.		BC		A3E							299	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	15970.000	19	12	0004				CHN	BC		A3E	115	E	27	39	N	41	289	B		
RUS	S. PETERSBURG	15970.020	02	10	1032	1037	41.0		CHN	BC	15K1	A3E	125	E	02	45	N	00	60	B		
RUS	BELGOROD	15987.890	02	10	0800	0825	23.7		D	FX	1K50	F1C	012	E	53	52	N	39	287	B		
ROU	BELCIUGATELE	15988.000	03	10	1209	1300	45.3	DDH/K Maritime	D	FC	3K00	F1B							318	A		Weather Forecast Station FAX
F	RAMBOUILLET	15990.000	16	11	0700	1000	19.0															
J	TOKYO	16003.500	11	10	0643				RUS				136	E	59	50	N	30	352	A		
F	RAMBOUILLET	16030.000	17	11	1350	1630	17.0															
J	TOKYO	16039.000	12	12	0153														280	C		
J	TOKYO	16047.000	03	10	0813							F1B							89	C		
J	TOKYO	16047.000	24	10	0144				USA			F1B	155	W	46	19	N	06	88	B		HWA
J	TOKYO	16047.000	28	11	0640				USA			F1B	155	W	56	20	N	06	87	B		HWA
G	BALDOCK	16048.000	21	10					RUS	FX	100HE	A1A							66	B		KALININGRAD 5-UNIT
G	BALDOCK	16055.000	21	10					F	FX	1K10E	F1B							219	B		STANAG 4481 850
F	RAMBOUILLET	16075.000	17	11	0830	0845	17.0															
J	TOKYO	16089.000	03	10	0816							F1B							333	C		
J	TOKYO	16099.970	08	11	0100			SOUND OF HOPE		BC		A3E	129	E	03	36	N	19	278	B		KOR
J	TOKYO	16099.980	28	11	0646			SOUND OF HOPE		BC		A3E	120	E	28	24	N	31	242	B	11	TAIWAN
J	TOKYO	16099.990	08	11	0034				CHN	BC		A3E	108	E	37	19	N	27	248	B		
RUS	NOVOSIBIRSK	16100.000	03	10	0200	0230	17.0		CHN	BC		A3E	111	E	29	40	N	23	115	A	11	
RUS	IRKUTSK	16100.000	03	10	0200	0230	11.0		CHN	BC		A3E	111	E	29	40	N	23	157	A	11	
J	TOKYO	16100.000	03	10	0818			CHINA N.R.		BC		A3E							249	A	11	
RUS	S. PETERSBURG	16100.000	03	10	0824	0832	36.0		CHN	BC		A3E	110	E	28	19	N	44	88	B		
RUS	ARKHANGELSK	16100.000	03	10	1030	1040	45.0		CHN	BC	2K00	A3E							88	B		
RUS	NYAGAN	16100.000	03	10	1650	1700	35.0		CHN		8K73	A3E	109	E	23	21	N	57	123	B		
RUS	VERHNEYE DUBROVO	16100.000	03	10	1650	1700	35.0		CHN		8K73	A3E	109	E	23	21	N	57	114	C		
KOR	CRMS	16100.000	04	10	0538	0538	30.7		CHN	BC	14K8	A3E									11	
J	TOKYO	16100.000	11	10	0647			CHINA N.R.		BC		A3E	119	E	22	26	N	05	248	A	11	
J	TOKYO	16100.000	17	10	0445			CHINA N.R.		BC		A3E							248	C	11	
G	BALDOCK	16100.000	21	10				SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							63	B		TAIWAN
J	TOKYO	16100.000	24	10	0145			CHINA N.R.		BC		A3E	109	E	58	19	N	13	246	B	11	
KOR	CRMS	16100.000	01	11	0540	0540	20.3		CHN	BC	13K0	A3E									11	
J	TOKYO	16100.000	14	11	1026					BC		A3E							297	C		
F	RAMBOUILLET	16100.000	17	11	0700	1200	30.0	SQH XI	CHN													
J	TOKYO	16100.000	21	11	0814			CHINA N.R.		BC		A3E	108	E	50	18	N	46	247	A	11	
J	TOKYO	16100.000	28	11	0642			CHINA N.R.		BC		A3E	115	E	53	39	N	55	290	A	11	
KOR	CRMS	16100.000	01	12	0723	0723	25.2		CHN	BC	12K2	A3E									11	
J	TOKYO	16100.000	05	12	0425			CHINA N.R.		BC		A3E	108	E	47	18	N	42	247	A	11	
J	TOKYO	16100.000	12	12	0154			CHINA N.R.		BC		A3E							248	D	11	
J	TOKYO	16100.010	19	12	0008			SOUND OF HOPE		BC		A3E	121	E	53	24	N	42	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	16100.040	25	12	1017			SOUND OF HOPE		BC		A3E	120	E	52	23	N	20	239	B	11	TAIWAN
G	BALDOCK	16112.000	22	10				RDL (KALININGRAD)	RUS	FC	290HE	F1B							66	B		200HZ SHIFT 50
J	TOKYO	16130.000	12	12	0205														280	D		
J	TOKYO	16134.990	12	12	0205			KVM70				F3C							87	D		
J	TOKYO	16135.030	19	12	0013			KVM70				F3C							89	C		
J	TOKYO	16159.910	08	11	0038				CHN	BC		A3E	129	E	13	47	N	08	328	A		
RUS	NOVOSIBIRSK	16160.000	03	10	0330	0400	8.0		CHN	BC		A3E	125	E	16	47	N	29	88	A	11	
RUS	IRKUTSK	16160.000	03	10	0330	0400	26.0		CHN	BC	15K2	A3E	125	E	16	47	N	29	103	A	11	
RUS	S. PETERSBURG	16160.000	03	10	0641	0650	37.0		CHN	BC		A3E	113	E	30	39	N	56	72	B		
J	TOKYO	16160.000	03	10	0822			CHINA N.R.		BC		A3E							247	C	11	
RUS	MOROZOVSK	16160.000	03	10	1000	1015	57.0		CHN	BC	3K00	A3E	120	E	42	24	N	23	82	C		
RUS	ARKHANGELSK	16160.000	03	10	1040	1050	31.0		CHN	BC	2K10	A3E							95	B		
RUS	BELGOROD	16160.000	03	10	1244	1245	33.3		CHN	BC	8K50	A3E	116	E	43	39	N	55	68	B	11	
KOR	CRMS	16160.000	04	10	0539	0539	22.1		CHN	BC	13K9	A3E									11	
J	TOKYO	16160.000	11	10	0650			CHINA N.R.		BC		A3E	109	E	16	19	N	01	247	A	11	
J	TOKYO	16160.000	17	10	0447			CHINA N.R.		BC		A3E							248	C	11	
J	TOKYO	16160.000	24	10	0146			CHINA N.R.		BC		A3E	118	E	15	32	N	09	266	B	11	
KOR	CRMS	16160.000	01	11	0540	0540	10.8		CHN	BC	12K3	A3E									11	
J	TOKYO	16160.000	14	11	1031					BC		A3E							247	C		
J	TOKYO	16160.000	21	11	0815			CHINA N.R.		BC		A3E	120	E	51	31	N	32	262	A	11	
J	TOKYO	16160.000	28	11	0705			CHINA N.R.		BC		A3E	113	E	46	35	N	21	277	B	11	
KOR	CRMS	16160.000	01	12	0724	0724	16.4		CHN	BC	14K0	A3E									11	
J	TOKYO	16160.000	05	12	0425			CHINA N.R.		BC		A3E	116	E	29	39	N	34	289	A	11	
J	TOKYO	16160.000	12	12	0211			CHINA N.R.		BC		A3E							247	D	11	
J	TOKYO	16160.000	25	12	1020			CHINA N.R.		BC		A3E	120	E	52	31	N	55	263	B	11	
J	TOKYO	16160.020	28	11	0648			CHINA N.R.		BC		A3E	124	E	21	46	N	58	318	B	11	
J	TOKYO	16160.080	28	11	0648			SOUND OF HOPE		BC		A3E	121	E	17	23	N	55	240	B	11	TAIWAN
J	TOKYO	16160.090	14	11	1031			SOUND OF HOPE		BC		A3E							243	C	11	
J	TOKYO	16160.100	25	12	1022			SOUND OF HOPE		BC		A3E	121	E	34	25	N	08	242	B	11	TAIWAN
G	BALDOCK	16200.000	21	10					RUS	FX	290HE	F1B							66	B		REVS 200HZ 50
J	TOKYO	16200.000	28	11	0650				RUS			F1B	132	E	11	43	N	15	322	B		
G	BALDOCK	16207.000	22	10					RUS	FC	290HE	F1B							29	B		200HZ SHIFT 50
J	TOKYO	16207.000	21	11	0816				RUS			F1B	071	E	19	71	N	06	336	B		
G	BALDOCK	16234.000	22	10					RUS	FX	290HE	F1B							65	B		200HZ SHIFT
J	TOKYO	16238.500	21	11	0832				KOR			F1B	126	E	56	37	N	22	283	A		
J	TOKYO	16249.680	17	10	0449			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16249.680	12	12	0212			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16249.730	19	12	0019			SOUND OF HOPE		BC		A3E	120	E	36	22	N	53	238	B	11	TAIWAN
KOR	CRMS	16250.000	06	10	0717	0717	1.8		CHN	BC	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
KOR	CRMS	16250.000	01	11	0540	0540	2.3		CHN	BC	14K8	A3E									11	
KOR	CRMS	16250.000	07	12	0420	0420	1.6		CHN	BC	14K9	A3E									11	
J	TOKYO	16268.500	11	10	0655				USA			F1B	177	W	24	28	N	12	89	B		HWA
G	BALDOCK	16268.500	22	10					USA	FX	1K10E	F1B							315	B		850 HZ SHIFT 75
F	RAMBOUILLET	16285.800	22	11	1315	1405	18.0															
J	TOKYO	16298.000	12	12	0217														280	D		
J	TOKYO	16299.580	11	10	0656			SOUND OF HOPE		BC		A3E	120	E	50	23	N	39	240	B	11	TAIWAN
J	TOKYO	16299.590	28	11	0655			SOUND OF HOPE		BC		A3E	120	E	18	23	N	12	240	B	11	TAIWAN
J	TOKYO	16299.600	03	10	0839			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	16299.600	24	10	0147			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16299.610	17	10	0451			SOUND OF HOPE		BC		A3E	120	E	36	23	N	49	241	A	11	TAIWAN
J	TOKYO	16299.610	21	11	0823			SOUND OF HOPE		BC		A3E	121	E	24	24	N	45	241	A	11	TAIWAN
J	TOKYO	16299.610	05	12	0426			SOUND OF HOPE		BC		A3E	121	E	37	24	N	46	241	A	11	TAIWAN
J	TOKYO	16299.630	14	11	1036			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16299.660	25	12	1026			SOUND OF HOPE		BC		A3E	121	E	30	24	N	07	240	B	11	TAIWAN
KOR	CRMS	16300.000	06	10	0718	0718	8.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	16300.000	01	11	0540	0540	2.3		CHN	BC	14K8	A3E									11	
KOR	CRMS	16300.000	01	12	0724	0724	10.0		CHN	BC	14K8	A3E									11	
G	BALDOCK	16316.000	22	10				RDL (KALININGRAD)	RUS	FC	290HE	F1B							70	B		200HZ SHIFT 50
F	RAMBOUILLET	16316.100	22	11	0700	1200	19.0															
J	TOKYO	16318.770	28	11	0658			F				A1A	132	E	38	42	N	56	323	B		
J	TOKYO	16319.130	08	11	0042			F				A1A	132	E	02	43	N	07	322	B		
J	TOKYO	16320.090	03	10	0845			F				A1A							324	C		
J	TOKYO	16322.200	03	10	0848			F				A1A							317	C		
J	TOKYO	16322.300	03	10	0849			K				A1A							318	C		
J	TOKYO	16329.900	11	10	0706				CHN			J2D	118	E	38	35	N	13	275	B		
G	BALDOCK	16331.700	21	10				D BEACON (SEVASTOPOL)	RUS	FX	100HE	A1A							94	B		D BEACON -
G	BALDOCK	16331.900	22	10				S BEACON (SEVEROMORSK)	RUS	FL	100HE	A1A							30	B		
G	BALDOCK	16332.000	21	10				C BEACON (MOSCOW)	RUS	FX	100HE	A1A							68	B		C BEACON -
G	BALDOCK	16332.100	21	10				A BEACON (ASTRAKHAN)	RUS	FX	100HE	A1A							72	B		A BEACON -
J	TOKYO	16332.200	08	11	0044			F				A1A	131	E	55	43	N	07	321	B		
J	TOKYO	16332.200	05	12	0445			F				A1A	132	E	55	42	N	55	324	A		
J	TOKYO	16332.300	11	10	0707			K				A1A	158	E	21	53	N	14	30	B		
J	TOKYO	16332.300	17	10	0454			K				A1A							30	C		
J	TOKYO	16332.300	24	10	0148			K				A1A	157	E	22	53	N	06	28	B		
J	TOKYO	16332.300	08	11	0045			K				A1A	157	E	10	52	N	21	30	B		
J	TOKYO	16332.300	05	12	0445			K				A1A	158	E	23	53	N	13	30	A		
J	TOKYO	16332.300	12	12	0218			K				A1A							29	D		
J	TOKYO	16332.300	19	12	0021			K				A1A	158	E	20	53	N	04	30	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	16332.400	17	10	0455			M				A1A							359	C		
J	TOKYO	16332.400	24	10	0148			M				A1A	140	E	12	48	N	56	359	B		
J	TOKYO	16332.400	08	11	0046			K				A1A	140	E	25	51	N	05	0	B		
J	TOKYO	16332.400	05	12	0445			M				A1A	139	E	59	48	N	37	358	A		
J	TOKYO	16332.400	12	12	0219			K				A1A	139	E	52	48	N	33	359	B		
J	TOKYO	16332.400	19	12	0022			M				A1A	132	E	10	43	N	07	329	B		
G	BALDOCK	16348.000	21	10				AZ1J	RUS	FX	100HE	A1A							57	B		YSLK DE AZ1J 5-UNIT
J	TOKYO	16368.000	11	10	0711				RUS			F1B	132	E	05	43	N	27	323	B		
J	TOKYO	16376.630	17	10	0504														196	C		
J	TOKYO	16447.000	12	12	0221														267	D		
I	ROMA	16468.000	22	11	1518	1522	17.0	OTH RADAR		FX	15K0E	P0N							100	A		
J	TOKYO	16478.000	03	10	0857							J2B							267	C		
J	TOKYO	16528.000	03	10	0800			VMW				J3E	120	E	43	25	S	01	200	B		
J	TOKYO	16528.000	11	10	0601			VMW				J3E	119	E	02	24	S	45	201	B		
J	TOKYO	16528.000	12	12	0131			VMW				J3E							201	C		
J	TOKYO	16546.000	03	10	0804			VMC				J3E	146	E	45	30	S	11	174	B		
J	TOKYO	16546.000	11	10	0605			VMC				J3E	145	E	31	28	S	23	175	A		
J	TOKYO	16546.000	21	11	0757				AUS			J3E	146	E	01	26	S	28	174	B		
J	TOKYO	16546.000	28	11	0601				AUS			J3E	149	E	17	36	S	48	172	B		
J	TOKYO	16546.000	12	12	0135			VMC				J3E							172	C		
J	TOKYO	16559.000	03	10	0808			XSG		FC		F3C	121	E	42	31	N	28	260	A		
J	TOKYO	16559.000	11	10	0608			XSG		FC		F3C	121	E	44	31	N	54	262	A		
J	TOKYO	16559.000	24	10	0132			XSG		FC		F3C							262	D		
J	TOKYO	16559.000	28	11	0604			XSG		FC		F3C	121	E	25	31	N	29	261	B		
J	TOKYO	16559.000	05	12	0416			XSG		FC		F3C	121	E	34	31	N	09	260	A		
J	TOKYO	16559.000	12	12	0139			XSG		FC		F3C	121	E	25	31	N	13	260	B		
J	TOKYO	16559.000	25	12	1002			XSG		FC		F3C	121	E	17	31	N	30	261	B		
RUS	S. PETERSBURG	16559.400	05	10	0705	0715	12.0		CHN	FC		F1B	120	E	36	31	N	05	72	B		
KOR	CRMS	16600.000	10	11	0745	0745	-1.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	16600.000	01	12	0724	0724	6.2		CHN	BC	15K0	A3E									11	
J	TOKYO	16600.080	11	10	0610			SOUND OF HOPE		BC		A3E	120	E	31	23	N	55	241	B	11	TAIWAN
J	TOKYO	16600.100	17	10	0423			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16600.100	21	11	0759			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16600.100	28	11	0605			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16600.100	12	12	0142			SOUND OF HOPE		BC		A3E	121	E	39	25	N	04	242	B	11	TAIWAN
J	TOKYO	16600.110	14	11	1002			SOUND OF HOPE		BC		A3E	120	E	38	23	N	46	240	B	11	TAIWAN
J	TOKYO	16600.120	05	12	0419			SOUND OF HOPE		BC		A3E	121	E	27	25	N	04	242	B	11	TAIWAN
RUS	S. PETERSBURG	16635.000	05	10	0740	0750	21.0		EGY	FX		G1D	030	E	21	30	N	20	179	B		
J	TOKYO	16680.230	18	12	2349			SOUND OF HOPE		BC		A3E	128	E	23	36	N	25	278	A	11	KOR

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	16680.260	07	11	2349			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16680.300	24	10	0133			SOUND OF HOPE		BC		A3E	127	E	45	36	N	27	279	A	11	KOR
J	TOKYO	16680.310	17	10	0424			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16680.320	03	10	0814			SOUND OF HOPE		BC		A3E	127	E	37	36	N	42	280	A	11	
J	TOKYO	16680.340	11	10	0612			SOUND OF HOPE		BC		A3E	127	E	20	36	N	42	280	A	11	KOR
J	TOKYO	16774.400	11	10	0616				CHN			J2D	119	E	00	25	N	33	247	B		
J	TOKYO	16780.490	11	10	0620							F1B										
J	TOKYO	16789.770	28	11	0607			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16789.780	03	10	0817			SOUND OF HOPE		BC		A3E	120	E	55	24	N	24	241	A	11	TAIWAN
J	TOKYO	16789.780	17	10	0425			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16789.790	11	10	0623			SOUND OF HOPE		BC		A3E	120	E	43	24	N	40	242	B	11	TAIWAN
J	TOKYO	16789.790	24	10	0137			SOUND OF HOPE		BC		A3E	120	E	46	24	N	26	242	A	11	TAIWAN
J	TOKYO	16789.790	21	11	0803			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16789.800	12	12	0144			SOUND OF HOPE		BC		A3E	121	E	15	23	N	55	240	B	11	TAIWAN
J	TOKYO	16789.820	07	11	2350			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16789.830	05	12	0423			SOUND OF HOPE		BC		A3E	121	E	02	24	N	49	242	B	11	TAIWAN
J	TOKYO	16789.860	18	12	2350			SOUND OF HOPE		BC		A3E	121	E	28	25	N	03	242	A	11	TAIWAN
J	TOKYO	16789.910	25	12	1007			SOUND OF HOPE		BC		A3E	121	E	44	24	N	17	240	B	11	TAIWAN
J	TOKYO	16789.920	25	12	1011							A1A							268	C		
KOR	CRMS	16790.000	05	10	0404	0404	-6.7		CHN	BC	15K0	A3E									11	
J	TOKYO	16804.500	21	11	0805							F1B										
J	TOKYO	16806.200	05	12	0428				RUS			F1B	131	E	11	42	N	54	325	B		
J	TOKYO	16806.200	25	12	1015							F1B							100	C		
J	TOKYO	16806.500	17	10	0505				USA			F1B	144	E	42	13	N	25	169	B		GUM
J	TOKYO	16806.500	14	11	1006							F1B										
J	TOKYO	16808.000	14	11	1009				RUS			F1B	040	E	08	55	N	57	323	B		
J	TOKYO	16808.000	21	11	0804							F1B							322	C		
J	TOKYO	16808.200	17	10	0427							F1B										
RUS	S. PETERSBURG	16808.205	06	10	1201	1219	7.0		J	FX		F1B							70	B		
J	TOKYO	16816.000	14	11	1012				RUS			F1B	045	E	31	56	N	43	322	B		
J	TOKYO	16816.000	25	12	1021							F1B							325	C		
J	TOKYO	16826.290	03	10	0822			XSQ		FC		F3C	113	E	29	23	N	21	249	A		TAIWAN
J	TOKYO	16826.300	17	10	0433			XSQ		FC		F3C	119	E	04	26	N	53	250	B		
J	TOKYO	16826.300	05	12	0434			XSQ		FC		F3C	114	E	08	22	N	31	247	B		
J	TOKYO	16826.300	12	12	0148			XSQ		FC		F3C	112	E	57	22	N	11	248	B		
RUS	BELGOROD	16830.500	06	10	1312	1320	23.2		GRC	FC	340H	F1B	023	E	53	38	N	00	220	B		
J	TOKYO	16830.500	11	10	0630							F1B							138	B		
RUS	S. PETERSBURG	16830.505	06	10	1446	1500	36.0		GRC	FX	637H	F1B							197	B		
J	TOKYO	16850.300	17	10	0434			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	16850.300	24	10	0139			XSQ		FC		F1B										
J	TOKYO	16879.990	11	10	0634			XSQ		FC		F1B										
J	TOKYO	16879.990	21	11	0809			XSQ		FC		F1B										
J	TOKYO	16879.990	28	11	0608			XSQ		FC		F1B										
RUS	S. PETERSBURG	16880.000	09	10	1351	1356	38.0		CHN	FX		F1B	113	E	27	23	N	05	84	B		
J	TOKYO	16880.000	17	10	0435			XSQ		FC		F1B										
J	TOKYO	16880.000	24	10	0146			XSQ		FC		F1B										
J	TOKYO	16880.000	07	11	2351			XSQ		FC		F1B										
J	TOKYO	16880.000	14	11	1015			XSQ		FC		F1B										
J	TOKYO	16880.000	05	12	0442			XSQ		FC		F1B										
J	TOKYO	16880.000	12	12	0157			XSQ		FC		F1B										
J	TOKYO	16880.000	18	12	2352			XSQ		FC		F1B										
J	TOKYO	16880.000	25	12	1025			XSQ		FC		F1B	114	E	08	22	N	45	247	B		
J	TOKYO	16888.000	07	11	2352				RUS			F1B	159	E	20	51	N	54	30	B		
J	TOKYO	16898.490	03	10	0826			XSG		FC		F1B										
J	TOKYO	16898.490	11	10	0636			XSG		FC		F1B										
J	TOKYO	16898.490	17	10	0437			XSG		FC		F1B										
J	TOKYO	16898.490	24	10	0147			XSG		FC		F1B										
J	TOKYO	16898.490	07	11	2353				CHN			F1B	121	E	27	31	N	51	262	B		
J	TOKYO	16898.490	21	11	0810			XSG		FC		F1B										
J	TOKYO	16898.490	28	11	0610			XSG		FC		F1B										
J	TOKYO	16898.490	12	12	0159			XSG		FC		F1B										
J	TOKYO	16898.490	25	12	1029			XSG		FC		F1B										
RUS	S. PETERSBURG	16898.500	09	10	1400	1405	32.0		CHN	FX		F1B							69	C		
J	TOKYO	16898.500	05	12	0443			XSG		FC		F1B										
J	TOKYO	16898.500	18	12	2351			XSG		FC		F1B										
HNG	TARNOK	16912.000	02	10	0635	1830	8.0	RDL	RUS	FC	300H	F1B										CIS 36-50
F	RAMBOUILLET	16925.000	31	10	0905	0920	25.0															
HNG	TARNOK	16928.000	02	10	1346	1416	44.6				17K0E	F0N										OTHR
HNG	TARNOK	16929.000	02	10	0645	0655	45.6				18K0E	F0N										OTHR
F	RAMBOUILLET	16930.000	31	10	1110	1125	60.0															
J	TOKYO	16959.500	21	11	0812														153	C		
J	TOKYO	16959.600	03	10	0828				F			J2B	165	E	25	21	S	35	153	A		
J	TOKYO	16959.600	11	10	0637				F			J2B	165	E	23	21	S	32	153	A		NCL
J	TOKYO	16959.600	14	11	1017				F			J2B	165	E	25	20	S	56	153	B		NCL
J	TOKYO	16959.600	25	12	1032				F			J2B	166	E	27	21	S	30	152	A		NCL
HNG	TARNOK	16967.700	02	10	0600	1000	32.1				2K80	G1D										STANAG 4285
RUS	S. PETERSBURG	16968.000	09	10	1418	1423	18.0		F	FX		G1D	004	E	25	45	N	24	238	B		
J	TOKYO	16979.940	11	10	0639			SOUND OF HOPE		BC		A3E	120	E	48	23	N	05	239	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	16979.950	17	10	0438			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16979.950	24	10	0150			SOUND OF HOPE		BC		A3E	120	E	40	22	N	20	238	B	11	TAIWAN
J	TOKYO	16979.950	12	12	0202			SOUND OF HOPE		BC		A3E	120	E	48	22	N	29	237	B	11	TAIWAN
J	TOKYO	16979.960	05	12	0446			SOUND OF HOPE		BC		A3E	120	E	58	22	N	47	238	B	11	TAIWAN
J	TOKYO	16979.970	28	11	0614			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	16980.000	04	10	0539	0539	-5.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	16980.000	01	11	0540	0540	8.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	16980.000	01	12	0724	0724	12.0		CHN	BC	14K3	A3E									11	
J	TOKYO	16995.220	28	11	0615				AUS				130	E	43	13	S	31	192	B		
J	TOKYO	17040.000	11	10	0642				RUS			F1B	131	E	47	43	N	16	322	A		
J	TOKYO	17040.000	17	10	0439				RUS			F1B	131	E	31	43	N	28	322	A		
J	TOKYO	17040.000	24	10	0152							F1B							322	D		
HNG	TARNOK	17052.000	02	10	0634	1020	23.0				400H	F1B										CIS 36-50 INV
J	TOKYO	17070.290	11	10	0645			SOUND OF HOPE		BC		A3E	127	E	47	36	N	42	280	A	11	KOR
J	TOKYO	17070.310	03	10	0835			SOUND OF HOPE		BC		A3E	127	E	27	36	N	30	279	A	11	
J	TOKYO	17070.310	17	10	0440			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17070.320	24	10	0152			SOUND OF HOPE		BC		A3E							280	D	11	
J	TOKYO	17070.350	07	11	2359			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17070.370	18	12	2359			SOUND OF HOPE		BC		A3E	128	E	55	36	N	45	280	A	11	KOR
J	TOKYO	17083.000	03	10	0837				RUS			F1B	132	E	27	42	N	56	322	A		
J	TOKYO	17083.000	24	10	0153							F1B							322	D		
J	TOKYO	17083.000	08	11	0006				RUS			F1B	132	E	34	43	N	03	322	B		
J	TOKYO	17083.000	28	11	0616				RUS			F1B	131	E	38	43	N	09	321	B		
J	TOKYO	17083.000	12	12	0205				RUS			F1B	131	E	45	43	N	21	322	B		
J	TOKYO	17083.000	19	12	0001				RUS			F1B	131	E	50	43	N	27	322	A		
J	TOKYO	17099.300	05	12	0450				USA			J2D	116	E	39	19	N	15	118	B		
J	TOKYO	17099.370	28	11	0619														114	C		
J	TOKYO	17099.400	03	10	0840				F			J2B	148	W	03	17	S	31	115	B		
J	TOKYO	17099.400	11	10	0647				F			J2B	149	W	07	18	S	03	116	A		OCE
J	TOKYO	17099.400	14	11	1025				F			J2B	149	W	31	17	S	02	115	B		OCE
J	TOKYO	17099.400	25	12	1035				F			J2B	149	W	21	16	S	48	115	A		OCE
J	TOKYO	17099.410	17	10	0441														116	C		
G	BALDOCK	17108.400	24	10				?	F	FC	3K00E	G1D							258	B		
HNG	TARNOK	17108.500	02	10	0635	2400	12.8				2K70	G1D										STANAG 4285
J	TOKYO	17118.890	28	11	0619				AUS				128	E	36	18	S	12	193	B		
HNG	TARNOK	17122.700	02	10	0635	1900	44.3				2K80	G1D										STANAG 4285
RUS	BELGOROD	17123.000	10	10	0835	0845	11.0		F	FC	3K00	G1D	002	E	02	43	N	18	266	B		
RUS	S. PETERSBURG	17123.002	10	10	0602	0608	23.0		SUI	FX		G1D	008	E	58	46	N	34	232	B		
J	TOKYO	17127.400	03	10	0845				NZL			J2B	177	E	58	38	S	11	151	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	17127.480	21	11	0816														153	C		
J	TOKYO	17149.810	28	11	0620			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17149.830	21	11	0816			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17149.830	05	12	0455			SOUND OF HOPE		BC		A3E	120	E	31	22	N	58	238	B	11	TAIWAN
J	TOKYO	17149.850	03	10	0850			SOUND OF HOPE		BC		A3E	121	E	22	24	N	17	240	B	11	
J	TOKYO	17149.860	17	10	0441			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17149.860	12	12	0208			SOUND OF HOPE		BC		A3E	120	E	58	23	N	39	240	B	11	TAIWAN
J	TOKYO	17149.870	24	10	0157			SOUND OF HOPE		BC		A3E	120	E	26	23	N	59	242	B	11	TAIWAN
J	TOKYO	17149.880	14	11	1027			SOUND OF HOPE		BC		A3E	121	E	17	24	N	33	241	A	11	TAIWAN
J	TOKYO	17149.890	08	11	0008			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17149.910	19	12	0005			SOUND OF HOPE		BC		A3E	120	E	42	23	N	54	241	A	11	TAIWAN
J	TOKYO	17149.940	25	12	1038			SOUND OF HOPE		BC		A3E	120	E	50	23	N	55	240	B	11	TAIWAN
F	RAMBOUILLET	17160.000	08	11	1000	1015	21.0															
F	RAMBOUILLET	17160.000	08	11	1150	1215	21.0															
J	TOKYO	17169.940	03	10	0852			SOUND OF HOPE		BC		A3E	120	E	28	23	N	23	240	B	11	
J	TOKYO	17169.940	11	10	0650			SOUND OF HOPE		BC		A3E	121	E	00	23	N	44	240	B	11	TAIWAN
J	TOKYO	17169.940	17	10	0442			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17169.950	21	11	0818			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17169.950	28	11	0620			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17169.960	08	11	0009			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17169.960	05	12	0456			SOUND OF HOPE		BC		A3E	120	E	58	23	N	01	238	B	11	TAIWAN
J	TOKYO	17169.970	12	12	0210			SOUND OF HOPE		BC		A3E	121	E	34	24	N	22	240	B	11	TAIWAN
J	TOKYO	17169.970	19	12	0006			SOUND OF HOPE		BC		A3E	120	E	30	23	N	17	240	A	11	TAIWAN
J	TOKYO	17169.980	25	12	1043			SOUND OF HOPE		BC		A3E	120	E	33	23	N	46	240	A	11	TAIWAN
KOR	CRMS	17170.000	05	10	0405	0405	-7.0		CHN	BC	14K6	A3E									11	
F	RAMBOUILLET	17190.000	08	11	1215	1300	20.0															
RUS	S. PETERSBURG	17190.003	10	10	1512	1528	40.0		TUR	FX		P0N	033	E	42	36	N	56	173	B		
G	BALDOCK	17239.400	24	10				?	F	FC	3K00E	G1D							213	B		2400BD STANAG
J	TOKYO	17398.000	24	10	0202							J3E							250	D		
KOR	CRMS	17400.000	05	10	0406	0406	5.5		CHN	BC	14K8	A3E									11	
RUS	S. PETERSBURG	17400.000	11	10	0555	0610	26.0		CYP	FX		G1D	032	E	26	34	N	55	175	B		
RUS	BELGOROD	17400.000	11	10	1310	1320	25.3		CYP		3K00	G1D	032	E	56	34	N	37	191	B		
J	TOKYO	17400.230	03	10	0855			SOUND OF HOPE		BC		A3E	107	E	53	47	N	51	307	B	11	
J	TOKYO	17400.230	11	10	0652			SOUND OF HOPE		BC		A3E	108	E	10	47	N	48	307	B	11	MNG
J	TOKYO	17400.230	17	10	0443			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.230	24	10	0203			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	17400.240	08	11	0010			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.240	28	11	0621			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.240	05	12	0504			SOUND OF HOPE		BC		A3E	108	E	15	47	N	56	307	B	11	MNG

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	17400.240	12	12	0214			SOUND OF HOPE		BC		A3E	108	E	44	47	N	41	307	B	11	MNG
J	TOKYO	17400.240	19	12	0008			SOUND OF HOPE		BC		A3E	107	E	00	48	N	09	307	A	11	MNG
HNG	TARNOK	17410.000	04	10	0745	0755	17.0				2K70	J3E										USB NUMBERS STATION
HNG	TARNOK	17420.000	04	10	1157	1300	14.9	CRI	CHN	BC	10K0E	A3E									11	
J	TOKYO	17420.220	12	12	0217			SOUND OF HOPE		BC		A3E									11	
HNG	TARNOK	17426.700	04	10	0600	0628	37.2				300H	F1B										100BD/200Hz
F	RAMBOUILLET	17430.000	23	11	1315	1420	17.0															
HNG	TARNOK	17435.000	04	10	0500	0800	19.6			BC	16K0	A3E									11	FRENCH LANGUAGE
KOR	CRMS	17440.000	04	10	0539	0539	3.5		CHN	BC	14K5	A3E									11	
KOR	CRMS	17440.000	01	11	0541	0541	-1.2		CHN	BC	14K8	A3E									11	
KOR	CRMS	17440.000	04	12	0418	0418	-14.8		CHN	BC	14K9	A3E									11	
J	TOKYO	17440.050	11	10	0654			SOUND OF HOPE		BC		A3E	120	E	55	24	N	40	242	B	11	TAIWAN
J	TOKYO	17440.050	17	10	0444			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17440.050	28	11	0622			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17440.050	12	12	0225			SOUND OF HOPE		BC		A3E	121	E	12	24	N	47	242	B	11	TAIWAN
J	TOKYO	17440.060	03	10	0857			SOUND OF HOPE		BC		A3E	121	E	32	25	N	00	242	B	11	
J	TOKYO	17440.060	24	10	0208			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	17440.060	08	11	0011			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17440.060	05	12	0505			SOUND OF HOPE		BC		A3E	121	E	20	24	N	38	242	B	11	TAIWAN
J	TOKYO	17440.060	19	12	0013			SOUND OF HOPE		BC		A3E	120	E	19	22	N	56	239	A	11	TAIWAN
J	TOKYO	17440.070	25	12	1046			SOUND OF HOPE		BC		A3E	120	E	45	23	N	03	239	B	11	TAIWAN
HNG	TARNOK	17441.003	04	10	0800	0812	59.7				100H	A1B										
HNG	TARNOK	17442.050	04	10	1118	1124	44.9				1K30	F7D										
HNG	TARNOK	17452.000	04	10	0652	1717	15.9				300H	F1B										50BD/200Hz
HNG	TARNOK	17454.000	04	10	1010	1015	50.4				100H	A1B										
F	RAMBOUILLET	17460.200	23	11	0700	1900	15.0															
RUS	IRKUTSK	17485.000	12	10	0515	0545	14.0		CHN	BC	17K4	A3E	109	E	21	33	N	42	168	A		
RUS	BELGOROD	17485.000	12	10	0535	0539	56.2		CHN	BC	9K10	A3E	106	E	59	34	N	41	79	B		
RUS	ARKHANGELSK	17485.000	12	10	0920	0930	35.0	China Radio Int.	CHN	BC	2K95	A3E							124	B		
ROU	BELCIUGATELE	17485.000	23	10	0655	0657	61.5	Radio Denge Welat	UZB	BC	9K00	A3E							71	A		Tashkent Kurdish Language
KOR	CRMS	17485.000	25	10	0702	0702	34.7		CHN	BC	14K2	A3E									6	
G	BALDOCK	17490.000	01	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							72	B		
I	ROMA	17490.000	05	10	0713	0713	31.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
RUS	SLAVYANKA	17490.000	12	10	0130	0200	41.0		CHN	BC	9K00	A3E	116	E	48	39	N	07	256	A		
RUS	SAMARA	17490.000	12	10	0700	0730	60.0		CHN	BC	10K0	A3E	115	E	47	39	N	35		A		
RUS	S. PETERSBURG	17490.000	12	10	0720	0730	60.0	China Radio Int.	CHN	BC	10K6	A3E							70	B		
RUS	NYAGAN	17490.000	12	10	0736	0750	40.0		CHN		9K94	A3E	116	E	37	39	N	24	102	B		
RUS	VERHNEYE DUBROVO	17490.000	12	10	0736	0750	40.0		CHN		9K94	A3E	116	E	37	39	N	24	92	C		
RUS	BELGOROD	17490.000	12	10	0800	0813	41.4		D	BC	9K30	A3E	008	E	30	49	N	41	278	B		

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	17490.000	16	10	1028	1132	64.1	China Radio International	CHN	BC	9K00	A3E							63	A		Kashi-saibagh English Language
ROU	BELCIUGATELE	17490.000	17	10	0738	0837	57.5	China Radio International	CHN	BC	10K0	A3E							63	A		Kashi-saibagh English Language
I	ROMA	17490.000	19	10	0745	0745	33.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	17490.000	23	10	0723	0859	65.2	China Radio International	CHN	BC	20K0	A3E							65	A		Kashi-saibagh English Language
ROU	BELCIUGATELE	17490.000	23	10	1013	1053	57.8	China Radio International	CHN	BC	9K00	A3E							63	A		Kashi-saibagh English Language
I	ROMA	17490.000	02	11	1055	1056	42.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
KOR	CRMS	17490.000	07	11	0659	0659	-8.8		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	17490.000	20	11	0803	0855	51.6	China Radio International	CHN	BC	16K0	A3E							82	A		Kashi-saibagh English Language
I	ROMA	17490.000	21	11	0905	0905	35.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
I	ROMA	17490.000	12	12	1049	1049	41.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
KOR	CRMS	17490.000	27	12	0019	0019	36.2	CRI	CHN	BC	11K4	A3E									3	
RUS	IRKUTSK	17510.000	12	10	0400	0430	28.0		CHN	BC	9K60	A3E	109	E	00	35	N	22	169	A		
RUS	SAMARA	17510.000	12	10	0500	0600	49.0		CHN	BC	10K0	A3E	074	E	13	39	N	41	119	A		
RUS	BELGOROD	17510.000	12	10	0539	0542	53.0		CHN	BC	10K5	A3E	087	E	03	43	N	52	81	B		
KOR	CRMS	17510.000	25	10	0702	0702	38.0		CHN	BC	12K8	A3E									6	
RUS	BELGOROD	17520.000	12	10	0600	0605	70.1		CHN	BC	12K1	A3E	114	E	52	37	N	17	72	B		
RUS	SAMARA	17520.000	12	10	0630	0700	52.0		CHN	BC	10K0	A3E	114	E	22	37	N	11		A		
ROU	BELCIUGATELE	17520.000	22	11	0743	0756	34.1	China Radio International	CHN	BC	9K00	A3E							83	A		Kashi-saibagh Chinese Language
G	BALDOCK	17530.000	01	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							58	B		
RUS	BELGOROD	17530.000	12	10	0542	0545	53.8	NHK World Radio Japan	J	BC	8K20	A3E	139	E	03	36	N	09	57	B		
KOR	CRMS	17530.000	30	10	0857	0857	35.0		THA	BC	14K5	A3E									6	
KOR	CRMS	17530.000	06	11	0839	0839	2.0		THA	BC	14K6	A3E									6	
I	ROMA	17530.000	09	11	0759	0800	25.0	BBC WORLD SERVICE	MDG	BC	10K0E	A3E							144	A		
F	RAMBOUILLET	17530.000	13	11	0900	1300	32.0	RADIO FARDA	THA													
F	RAMBOUILLET	17530.000	14	11	0700	1500	42.0	RADIO FARDA	D													
ROU	BELCIUGATELE	17530.000	20	11	0819	0900	46.7	Radio Farda	THA	BC	9K00	A3E							88	A		Udon Thani Persian Language
I	ROMA	17530.000	21	11	0908	0908	23.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							60	A		
I	ROMA	17530.000	21	11	1310		35.0	R.FARDA	THA	BC	9K00E	A3E										
ROU	BELCIUGATELE	17530.000	22	11	0747	0848	44.1	Radio Farda	THA	BC	12K0	A3E							88	A		Udon Thani Persian Language
KOR	CRMS	17530.000	23	11	0421	0421	15.2		MDG	BC	14K9	A3E									6	
KOR	CRMS	17530.000	07	12	0421	0421	-0.5		MDG	BC	14K9	A3E									6	
KOR	CRMS	17530.000	08	12	0748	0748	-5.8		THA	BC	14K9	A3E									6	
I	ROMA	17530.000	12	12	1051	1052	33.0	USAGM	THA	BC	9K00E	A3E							76	A		
G	BALDOCK	17540.000	01	10				VOICE OF AMERICA	UAE	BC	9K00E	A3E							104	C		
HNG	TARNOK	17540.000	06	10	0500	0900	23.4	CRI	CHN	BC	10K5	A3E										
RUS	SLAVYANKA	17540.000	12	10	0300	0330	60.0		CHN	BC	3K96	A3E	115	E	40	38	N	44	256	A		
RUS	IRKUTSK	17540.000	12	10	0330	0400	5.0		CHN	BC	16K8	A3E	116	E	18	40	N	00	144	A		
RUS	BELGOROD	17540.000	12	10	0545	0548	54.5		CHN	BC	7K50	A3E	075	E	43	39	N	22	97	B		
RUS	S. PETERSBURG	17540.000	12	10	0720	0730	38.0	China Radio Int.	CHN	BC	16K2	A3E							105	B		

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	17540.000	19	10	0755	0755	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	17540.000	23	10	0741	0855	38.3	China Radio International	CHN	BC	9K00	A3E							83	A		Kashi-saibagh English Language
I	ROMA	17545.000	12	12	1053	1055	20.0	USAGM	THA	BC	10K0E	A3E							76	A		
G	BALDOCK	17550.000	01	10				CNR1 VOICE OF CHINA	CHN	BC	9K00E	A3E							51	B		
I	ROMA	17550.000	05	10	0716	0716	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
RUS	IRKUTSK	17550.000	12	10	0400	0430	16.0		CHN	BC	14K3	A3E	116	E	31	40	N	42	142	A		
RUS	BELGOROD	17550.000	12	10	0548	0551	50.7		CHN	BC	14K0	A3E	116	E	16	39	N	23	69	B		
RUS	S. PETERSBURG	17550.000	12	10	0730	0731	36.0		CHN	BC		A3E							70	B		
RUS	MOROZOVSK	17550.000	12	10	0900	0915	31.0		CHN	BC	3K00	A3E	110	E	43	36	N	12	76	C		
RUS	ARKHANGELSK	17550.000	12	10	0930	0940	36.0	Voice of China	CHN	BC	2K48	A3E							83	B		
I	ROMA	17550.000	19	10	0757	0757	22.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
ROU	BELCIUGATELE	17550.000	23	10	0735	0857	48.3	CNR 1 Voice of China	CHN	BC	9K00	A3E							63	A		Beijing Chinese Language
I	ROMA	17550.000	09	11	0802	0802	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
F	RAMBOUILLET	17550.000	14	11	0900	1200	37.0	CNR	CHN													
ROU	BELCIUGATELE	17550.000	20	11	0945	1005	45.2	CNR 1 Voice of China	CHN	BC	18K0	A3E							63	A		Beijing Chinese Language
I	ROMA	17550.000	21	11	0910	0910	32.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
HNG	TARNOK	17550.004	06	10	0430	0600	16.4	CNR1	CHN	BC	11K4	A3E										
F	RAMBOUILLET	17555.000	13	11	1600	1700	28.0															
HNG	TARNOK	17559.993	06	10	0800	0957	36.7	CRI	CHN	BC	9K40	A3E										
HNG	TARNOK	17559.998	06	10	1200	1357	59.3	CRI	CHN	BC	10K6	A3E										
RUS	MOROZOVSK	17560.000	12	10	0845	0900	30.0		CHN	BC	6K00	A3E	113	E	17	31	N	05	80	C		
RUS	S. PETERSBURG	17560.000	12	10	0853	0855	41.0		CHN	BC	12K1	A3E							81	B		
RUS	SAMARA	17560.000	12	10	1200	1230	67.0		CHN	BC	10K0	A3E	116	E	10	39	N	27	82	A		
RUS	ARKHANGELSK	17560.000	12	10	1230	1240	64.0	China Radio Int.	CHN	BC	1K10	A3E							83	B		
ROU	BELCIUGATELE	17560.000	23	10	0841	0914	60.2	China Radio International	CHN	BC	9K00	A3E							70	A		Xianyang Chinese Language
F	RAMBOUILLET	17560.000	14	11	0700	0800	44.0	ROMANIA RADIO	ROU													
I	ROMA	17560.000	12	12	1057	1058	38.0	ISLAMIC REP.IRAN	IRN	BC	9K00E	A3E							95	A		
I	ROMA	17565.000	05	10	0718	0718	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							51	A		
RUS	IRKUTSK	17565.000	12	10	0400	0430	24.0		CHN	BC	18K0	A3E	111	E	04	41	N	15	157	A		
RUS	BELGOROD	17565.000	12	10	0551	0554	52.4		CHN	BC	10K0	A3E	110	E	35	40	N	05	71	B		
HNG	TARNOK	17565.003	06	10	0430	0600	15.6	CNR1	CHN	BC	11K3	A3E										
HNG	TARNOK	17569.999	06	10			47.3	CRI	CHN	BC	10K6	A3E										
HNG	TARNOK	17569.999	06	10	1700	1800	40.2	AWR	AUT	BC	9K54	A3E										
HNG	TARNOK	17569.999	06	10	1930	2000	40.1	AWR	AUT	BC	9K54	A3E										
G	BALDOCK	17570.000	01	10				CNR1 VOICE OF CHINA	CHN	BC	9K00E	A3E							73	B		
RUS	S. PETERSBURG	17570.000	12	10	0905	0915	57.0		CHN	BC		A3E	086	E	52	44	N	03	89	B		
ROU	BELCIUGATELE	17570.000	24	10	0950	1020	64.3	China Radio International	CHN	BC	9K00	A3E							70	A		English Language
F	RAMBOUILLET	17570.000	13	11	0900	1200	38.0	CRI	CHN													
F	RAMBOUILLET	17570.000	14	11	0900	1200	38.0	CRI	CHN													

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	20	11	0953	1000	61.5	China Radio International	CHN	BC	12K0	A3E							71	A		Urumqi Hutubi English Language
ROU	BELCIUGATELE	17570.000	20	11	1000	1030	76.9	China Radio International	CHN	BC	18K0	A3E							82	A		Kashi-saibagh Hungarian Language
ROU	BELCIUGATELE	17570.000	20	11	1155	1200	74.7	China Radio International	CHN	BC	18K0	A3E							82	A		Kashi-saibagh Czech Language
I	ROMA	17570.000	21	11	0912	0913	37.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
ROU	BELCIUGATELE	17570.000	22	11	0900	0959	70.7	China Radio International	CHN	BC	12K0	A3E							70	A		Urumqi Hutubi English Language
ROU	BELCIUGATELE	17570.000	22	11	1000	1035	76.3	China Radio International	CHN	BC	18K0	A3E							83	A		Kashi-saibagh Hungarian Language
ROU	BELCIUGATELE	17570.000	22	11	1117	1141	83.0	China Radio International	CHN	BC	18K0	A3E							82	A		Kashi-saibagh Czech Language
I	ROMA	17570.000	19	12	0917	0918	32.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							61	A		
G	BALDOCK	17580.000	01	10				CNR1 VOICE OF CHINA	CHN	BC	9K00E	A3E							52	B		
RUS	IRKUTSK	17580.000	12	10	0400	0430	26.0		CHN	BC	15K5	A3E	112	E	07	37	N	43	158	A		
RUS	S. PETERSBURG	17580.000	12	10	0740	0750	39.0		CHN	BC	16K5	A3E							70	B		
RUS	BELGOROD	17580.000	12	10	0810	0820	37.9		CHN	BC	6K70	A3E	111	E	47	36	N	49	74	B		
RUS	ARKHANGELSK	17580.000	12	10	0940	0950	46.0	Voice of China	CHN	BC	2K88	A3E							89	B		
RUS	VERHNEYE DUBROVO	17580.000	12	10	1415	1430	38.0		CHN		6K32	A3E	112	E	14	36	N	02	99	C		
RUS	NYAGAN	17580.000	12	10	1415	1430	38.0		CHN		6K32	A3E	112	E	14	36	N	02	110	B		
ROU	BELCIUGATELE	17580.000	23	10	0746	0859	46.8	CNR 1 Voice of China	CHN	BC	18K0	A3E							67	A		Lingshi Chinese Language
I	ROMA	17580.000	09	11	0805	0805	20.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
F	RAMBOUILLET	17580.000	14	11	0900	1200	36.0	CNR	CHN													
F	RAMBOUILLET	17580.000	15	11	0700	1000	37.0	CNR	CHN													
ROU	BELCIUGATELE	17580.000	22	11	0759	0855	53.7	CNR 1 Voice of China	CHN	BC	18K0	A3E							68	A		Lingshi Chinese Language
I	ROMA	17580.000	28	11	0941	0941	32.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	A3E							56	A		
HNG	TARNOK	17580.003	06	10	0430	0600	16.0	CNR1	CHN	BC	11K8	A3E										
I	ROMA	17585.000	21	11	1310		23.0	VOICE OF AMERICA	D	BC	9K00E	A3E										
HNG	TARNOK	17589.999	06	10	1500	1530	45.8	RADIO IBRAHIM	UZB	BC	9K86	A3E										
RUS	IRKUTSK	17595.000	12	10	0415	0445	14.0		CHN	BC	18K0	A3E	114	E	04	38	N	55	151	A		
F	RAMBOUILLET	17595.000	15	11	0700	1900	38.0	CNR	CHN													
HNG	TARNOK	17599.998	06	10	1800	2100	44.3	IFRIKYA FM	ALG	BC	10K3	A3E										
G	BALDOCK	17600.000	01	10				IFRIKYA FM	ALG	BC	9K00E	A3E							186	B		
G	BALDOCK	17600.000	12	11				IFRIKYA FM	ALG	BC	9K00E	A3E							282	A		LONG
F	RAMBOUILLET	17600.000	15	11	0700	1630	35.0	AFRIKYA RADIO	ALG													
ROU	BELCIUGATELE	17600.000	20	11	1203	1407	47.0	Ifriky FM	ALG	BC	9K00	A3E							251	A		Bechar Arabic Language
I	ROMA	17600.000	21	11	1310		20.0	IFRIKYA FM	ALG	BC	9K00E	A3E										
ROU	BELCIUGATELE	17600.000	22	11	1139	1241	49.0	Ifriky FM	ALG	BC	9K00	A3E							250	A		Bechar Arabic Language
I	ROMA	17600.000	28	11	0945	0945	45.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	04	12	1804	1808	12.0	RADIO ALGERIA	ALG	BC	10K0E	A3E							193	A		
ROU	BELCIUGATELE	17600.000	13	12	1333	1433	43.7	Ifriky FM	ALG	BC	9K00	A3E							251	A		Bechar Arabic Language
I	ROMA	17600.000	19	12	0920	0921	38.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
RUS	IRKUTSK	17605.000	12	10	0415	0445	30.0		CHN	BC	14K5	A3E	116	E	47	40	N	17	142	A		
RUS	S. PETERSBURG	17605.000	12	10	0803	0805	43.0		CHN	BC	16K5	A3E							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
RUS	BELGOROD	17605.000	12	10	0820	0826	43.6		CHN	BC	11K0	A3E	116	E	23	39	N	08	69	B		
RUS	NYAGAN	17605.000	12	10	0936	0950	36.0		CHN		7K59	A3E	116	E	25	39	N	08	103	B		
RUS	VERHNEYE DUBROVO	17605.000	12	10	0936	0950	36.0		CHN		7K59	A3E	116	E	25	39	N	08	92	C		
RUS	ARKHANGELSK	17605.000	12	10	0950	1000	41.0	Voice of China	CHN	BC	2K99	A3E							83	B		
I	ROMA	17615.000	05	10	0720	0721	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
RUS	SAMARA	17615.000	12	10	0500	0600	61.0		CHN	BC	10K0	A3E	086	E	23	43	N	20	89	A		
RUS	BELGOROD	17615.000	12	10	0554	0557	67.8	China Radio Int.	CHN	BC	10K7	A3E	086	E	54	44	N	09	81	B		
RUS	MOROZOVSK	17615.000	12	10	0915	0930	37.0		ARS	BC	3K00	A3E	046	E	07	23	N	50	170	C		
I	ROMA	17615.000	19	10	0800	0800	23.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
ROU	BELCIUGATELE	17615.000	23	10	0754	0800	44.9	China Radio International	CHN	BC	9K00	A3E							80	B		Kunming-anning Chinese Language
KOR	CRMS	17615.000	25	10	0703	0703	35.0		CHN	BC	12K3	A3E									6	
RUS	S. PETERSBURG	17620.000	12	10	0915	0925	53.0	China Radio Int.	CHN	BC	9K35	A3E	079	E	00	39	N	30	105	B		
RUS	ARKHANGELSK	17620.000	12	10	1240	1250	37.0	Radio France Int.	F	BC	2K99	A3E							248	B		
RUS	IRKUTSK	17625.000	12	10	0415	0445	22.0		CHN	BC	10K8	A3E	116	E	51	40	N	09	142	A		
RUS	S. PETERSBURG	17625.000	12	10	0803	0805	37.0		CHN	BC	10K8	A3E							73	B		
G	BALDOCK	17630.000	01	10				R. ROMANIA INT	ROU	BC	9K00E	A3E							103	A		
RUS	SAMARA	17630.000	12	10	0630	0700	55.0		ROU	BC	10K0	A3E	025	E	38	44	N	46	252	A		
RUS	ARKHANGELSK	17630.000	12	10	1000	1010	39.0	Radio Romania	ROU	BC	1K05	A3E							218	B		
ROU	BELCIUGATELE	17630.000	24	10	1010	1040	46.9	RADIO ROMANIA INTERNATIONAL	ROU	BC	9K00	A3E							322	A		French Language
F	RAMBOUILLET	17630.000	16	11	1400	1900	35.0	CRI	CHN													
G	BALDOCK	17640.000	01	10				VO ISLAMIC REP IRAN	IRN	BC	9K00E	A3E							98	B		
I	ROMA	17640.000	10	10	0814	0815	80.0	IBRA RADIO	G	BC	10K0E	A3E							320	A		
RUS	IRKUTSK	17640.000	12	10	0415	0445	15.0		CHN	BC	9K70	A3E	108	E	54	34	N	12	169	A		
I	ROMA	17640.000	19	10	0802	0802	61.0	IBRA RADIO	G	BC	10K0E	A3E							320	A		
I	ROMA	17640.000	09	11	0808	0808	55.0	IBRA RADIO	G	BC	10K0E	A3E							320	A		
F	RAMBOUILLET	17640.000	16	11	0700	0900	37.0	BBC														
KOR	CRMS	17640.000	28	12	0441	0441	52.9	CRI	CHN	BC	9K91	A3E									3	
HNG	TARNOK	17649.999	08	10	0600	1357	55.1	CRI	CHN	BC	9K89	A3E										
G	BALDOCK	17650.000	01	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							74	B		
HNG	TARNOK	17650.000	08	10	1430	1500	43.6	BIBLE VOICE BCN	D	BC	9K77	A3E										
I	ROMA	17650.000	10	10	0819	0820	20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	SAMARA	17650.000	12	10	0500	0600	65.0		CHN	BC	10K0	A3E	074	E	42	39	N	25	120	A		
RUS	BELGOROD	17650.000	12	10	0557	0600	59.9		CHN	BC	10K0	A3E	075	E	43	39	N	22	97	B		
RUS	ARKHANGELSK	17650.000	12	10	1010	1020	55.0	China Radio Int.	CHN	BC	2K80	A3E							106	B		
RUS	SAMARA	17650.000	13	10	0600	0830	30.0		KAZ	BC	10K0	A3E	060	E	49	47	N	45	124	A		
RUS	BELGOROD	17650.000	13	10	0608	0610	61.9	China Radio Int.	CHN	BC	10K0	A3E	075	E	43	39	N	22	97	B		
I	ROMA	17650.000	19	10	0804	0805	34.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
KOR	CRMS	17650.000	25	10	0703	0703	23.7		CHN	BC	14K8	A3E									6	
KOR	CRMS	17650.000	08	11	0018	0018	5.1		USA	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
I	ROMA	17650.000	09	11	0810	0811	50.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
F	RAMBOUILLET	17650.000	16	11	0700	1200	38.0	CRI	CHN													
I	ROMA	17650.000	28	11	0948	0948	45.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17650.000	19	12	0923	0923	49.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
KOR	CRMS	17650.000	26	12	0703	0703	21.9	CRI	CHN	BC	14K8	A3E										3
KOR	CRMS	17650.000	27	12	0021	0021	32.0		USA	BC	14K9	A3E										3
RUS	SAMARA	17655.000	13	10	1700	1800	18.0		HRV	BC	10K0	A3E	015	E	28	44	N	01	262	A		
HNG	TARNOK	17655.002	08	10	1700	1800	29.7	VOA	CVA	BC	9K09	A3E										
HNG	TARNOK	17660.000	08	10	0700	0759	31.1	RFI	F	BC	9K94	A3E										
KOR	CRMS	17660.000	09	11	0519	0519	30.9		USA	BC	14K6	A3E										6
F	RAMBOUILLET	17660.000	16	11	1200	1630	45.0	SAUDI RADIO	ARS													
I	ROMA	17660.000	21	11	1310		20.0	R.FRANCE INT	F	BC	9K00E	A3E										
ROU	BELCIUGATELE	17660.000	22	11	1247	1330	54.5	Radio France International	F	BC	9K00	A3E							288	A		Issoudun French Language
KOR	CRMS	17660.000	04	12	0442	0442	24.0		USA	BC	14K7	A3E										6
HNG	TARNOK	17660.019	08	10	1200	1300	33.4	RFI	F	BC	9K64	A3E										3
HNG	TARNOK	17669.997	08	10	0400	0600	31.6	VOA	THA	BC	9K34	A3E										
HNG	TARNOK	17669.999	08	10	0700	0900	33.6	CRI	CHN	BC	9K67	A3E										
HNG	TARNOK	17669.999	08	10	1730	1859	54.6	IBRA MEDIA	G	BC	9K54	A3E										
HNG	TARNOK	17670.000	08	10	1100	1157	32.3	RRO	ROU	BC	9K47	A3E										
I	ROMA	17670.000	10	10	0822	0823	22.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
RUS	SLAVYANKA	17670.000	13	10	0756	0826	50.0		CHN	BC	922H	A3E	111	E	43	36	N	29	254	A		
RUS	ARKHANGELSK	17670.000	13	10	0800	0810	49.0	China Radio Int.	CHN	BC	1K36	A3E							124	B		
RUS	BELGOROD	17670.000	13	10	0840	0849	58.5	China Radio Int.	CHN	BC	10K0	A3E	075	E	43	39	N	22	97	B		
RUS	SAMARA	17670.000	13	10	1730	1900	38.0		G	BC	10K0	A3E	003	W	19	51	N	57	290	A		
G	BALDOCK	17670.000	27	10				VOICE OF AMERICA	THA	BC	9K00E	A3E							72	B		
I	ROMA	17670.000	09	11	0812	0812	26.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
F	RAMBOUILLET	17670.000	16	11	0700	1200	35.0	CRI	CHN													
I	ROMA	17670.000	19	12	0925	0926	32.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
KOR	CRMS	17670.000	26	12	0703	0703	23.2	CRI	CHN	BC	14K9	A3E										3
HNG	TARNOK	17675.015	08	10	0500	0600	43.3			BC	9K33	A3E										3
HNG	TARNOK	17680.000	08	10	0600	0800	51.6	CRI	CHN	BC	9K91	A3E										
RUS	SAMARA	17680.000	13	10	0600	0800	36.0		CHN	BC	10K0	A3E	117	E	01	39	N	22	79	A		
RUS	BELGOROD	17680.000	13	10	0610	0614	67.5		CHN	BC	10K2	A3E	116	E	54	37	N	50	70	B		
RUS	VERHNEYE DUBROVO	17680.000	13	10	1100	1120	34.0		CHN		3K42	A3E	119	E	53	34	N	47	93	C		
RUS	NYAGAN	17680.000	13	10	1100	1120	34.0		CHN		3K42	A3E	119	E	53	34	N	47	103	B		
I	ROMA	17680.000	28	11	0951	0951	23.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
HNG	TARNOK	17689.997	08	10	1200	1300	44.5	RFA	TJK	BC	9K79	A3E										
HNG	TARNOK	17689.999	08	10	1400	1500	48.2	VOA	D	BC	8K84	A3E										
HNG	TARNOK	17690.000	08	10	1350	1400	44.1				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
I	ROMA	17690.000	10	10	0825	0825	20.0	USAGM	THA	BC	9K00E	A3E							76	A		
RUS	ARKHANGELSK	17690.000	13	10	0810	0820	33.0	Radio Farda	THA	BC	2K98	A3E							110	B		
RUS	S. PETERSBURG	17690.000	13	10	1410	1415	44.0		CHN	BC		A3E	109	E	26	18	N	40	89	B		
RUS	MOROZOVSK	17690.000	13	10	1430	1445	31.0		D	BC	6K00	A3E	008	E	32	49	N	36	285	B		
I	ROMA	17690.000	09	11	0815	0815	40.0	USAGM	THA	BC	9K00E	A3E							76	A		
F	RAMBOUILLET	17690.000	17	11	0700	1300	45.0	RFI														
I	ROMA	17690.000	19	12	0928	0929	26.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							58	A		
HNG	TARNOK	17690.005	08	10	0230	0930	15.5	RADIO FARDA	THA	BC	9K85	A3E										
HNG	TARNOK	17700.009	08	10	1500	1530	30.3	VOA	CVA	BC	9K34	A3E										
RUS	NYAGAN	17710.000	13	10	1136	1150	28.0		CHN		3K21	A3E	117	E	57	37	N	17	102	B		
RUS	VERHNEYE DUBROVO	17710.000	13	10	1136	1150	28.0		CHN		3K21	A3E	117	E	57	37	N	17	92	C		
KOR	CRMS	17710.000	25	10	0704	0704	41.5		CHN	BC	10K6	A3E									6	
F	RAMBOUILLET	17710.000	17	11	0700	0800	35.0	CRI	CHN													
KOR	CRMS	17710.000	26	12	0704	0704	28.4	CRI	CHN	BC	14K9	A3E									3	
RUS	SAMARA	17715.000	13	10	1755	2000	36.0		POR	BC	10K0	A3E	007	W	09	37	N	54	273	A		
G	BALDOCK	17715.000	12	11				R.EXTERIOR DE ESPANA	E	BC	9K00E	A3E							190	B		
F	RAMBOUILLET	17720.000	17	11	0800	1200	35.0	VOA	THA													
I	ROMA	17720.000	28	11	0954	0955	40.0	VOICE OF AMERICA	THA	BC	10K0E	A3E							76	A		
I	ROMA	17720.000	19	12	0930	0931	23.0	USAGM	THA	BC	10K0E	A3E							76	A		
RUS	SAMARA	17725.000	13	10	1600	1700	22.0		D	BC	10K0	A3E	011	E	03	52	N	27	284	A		
RUS	BELGOROD	17730.000	13	10	0552	0555	64.2	China Radio Int.	CHN	BC	7K20	A3E	108	E	58	33	N	57	79	B		
G	BALDOCK	17730.000	27	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							64	C		
J	TOKYO	17730.000	14	11	1036				CHN				104	E	26	34	N	13	278	A		
KOR	CRMS	17730.000	13	12	0202	0202	26.6		USA	BC	14K9	A3E									6	
RUS	ARKHANGELSK	17735.000	13	10	0820	0830	25.0	China Radio Int.	CHN	BC	2K35	A3E							104	B		
KOR	CRMS	17740.000	25	10	0704	0704	38.7		CHN	BC	14K8	A3E									6	
G	BALDOCK	17740.000	27	10				CHINA RADIO INT	CHN	BC	9K00E	A3E							58	B		
KOR	CRMS	17740.000	22	11	0136	0136	40.7		USA	BC	14K9	A3E									6	
KOR	CRMS	17740.000	06	12	0119	0119	14.2		USA	BC	15K0	A3E									6	
RUS	SLAVYANKA	17750.000	13	10	0713	0743	43.0		CHN	BC	1K25	A3E	109	E	37	34	N	24	251	A		
I	ROMA	17750.000	28	11	0957	0958	28.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17750.000	19	12	0936	0936	20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
HNG	TARNOK	17750.001	10	10	0700	0757	25.4	CRI	CHN	BC	10K3	A3E										
HNG	TARNOK	17750.002	10	10	0857	1057	24.2	CRI	CHN	BC	11K7	A3E										
HNG	TARNOK	17750.008	10	10	0600	0700	27.4	RFA	KWT	BC	9K86	A3E										
G	BALDOCK	17755.000	12	11				R.EXTERIOR DE ESPANA	E	BC	9K00E	A3E							190	B		
HNG	TARNOK	17760.002	10	10	1230	1257	32.8	RRO	ROU	BC	10K2	A3E										
RUS	SAMARA	17765.000	13	10	1600	1800	28.0		KAZ	BC	10K0	A3E	078	E	51	47	N	02	97	A		
I	ROMA	17765.000	21	11	1310		14.0	ADVENTIST WORLD R.	AUT	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	17765.002	10	10	1600	1757	62.0	CRI	CHN	BC	8K80	A3E										
HNG	TARNOK	17770.000	10	10	0700	0900	15.4	CNR1	CHN	BC	10K0	X7E										DRM
J	TOKYO	17770.000	11	10	0657				CHN	BC		D7W	108	E	38	18	N	53	247	A		
RUS	S. PETERSBURG	17770.000	13	10	1405	1410	40.0		TUR	BC		A3E	032	E	04	39	N	45	175	B		
RUS	MOROZOVSK	17770.000	13	10	1445	1500	14.0		TUR	BC	6K00	A3E	032	E	51	39	N	24	214	B		
J	TOKYO	17770.000	17	10	0450				CHN	BC		D7W	109	E	03	19	N	11	247	B		
J	TOKYO	17770.000	24	10	0214					BC		D7W							247	D		
J	TOKYO	17770.000	21	11	0826				CHN	BC		D7W	109	E	49	18	N	59	246	B		
I	ROMA	17770.000	21	11	1310		13.0	ADVENTIST WORLD R.	MDG	BC	9K00E	A3E										
J	TOKYO	17770.000	28	11	0627				CHN	BC		D7W	108	E	49	19	N	16	248	B		
J	TOKYO	17770.000	12	12	0230				CHN	BC		D7W	108	E	52	19	N	08	247	B		
ROU	BELCIUGATELE	17770.000	14	12	1337	1355	45.9	Adventist World Radio	MDG	BC	9K00	A3E							161	A		Talata-volonondry Vietnamese Language
HNG	TARNOK	17770.009	10	10	1300	1330	35.6	KSDA	D	BC	11K2	A3E										
HNG	TARNOK	17770.016	10	10	1400	1455	63.9	TRT	TUR	BC	7K49	A3E									3	
RUS	SAMARA	17775.000	13	10	1600	1700	20.0		KAZ	BC	10K0	A3E	061	E	13	51	N	35	98	A		
RUS	ARKHANGELSK	17780.000	13	10	0830	0840	30.0		CHN	BC	2K76	A3E							88	B		
RUS	VERHNEYE DUBROVO	17780.000	13	10	1236	1250	27.0		CHN		3K10	A3E	110	E	07	18	N	49	116	C		
RUS	NYAGAN	17780.000	13	10	1236	1250	27.0		CHN		3K10	A3E	110	E	07	18	N	49	124	B		
RUS	SAMARA	17780.000	13	10	1705	1800	28.0		ALG	BC	10K0	A3E	007	E	41	26	N	47	247	A		
KOR	CRMS	17780.000	16	10	0537	0537	26.6		CHN	BC	14K9	A3E									6	
KOR	CRMS	17780.000	01	11	0555	0555	24.3		CHN	BC	14K9	A3E									6	
G	BALDOCK	17780.000	12	11				BBC WORLD SERVICE	G	BC	9K00E	A3E							198	B		
F	RAMBOUILLET	17780.000	21	11	0615	0830	23.0	VOICE OF TURQUEY	TUR													
KOR	CRMS	17780.000	23	11	0422	0422	24.5	CRI	CHN	BC	13K8	A3E									3	
KOR	CRMS	17780.000	01	12	0726	0726	17.1		CHN	BC	14K8	A3E									6	
I	ROMA	17780.000	04	12	1757	1758	44.0	BBC WORLD SERVICE	G	BC	10K0E	A3E							213	A		
KOR	CRMS	17780.000	08	12	0751	0751	18.3		CHN	BC	14K9	A3E									6	
HNG	TARNOK	17780.002	10	10	1159	1227	35.5	RRO	ROU	BC	11K5	A3E										
RUS	BELGOROD	17790.000	13	10	1136	1142	59.0		I	BC	9K50	A3E	011	E	57	41	N	49	252	B		
G	BALDOCK	17790.000	12	11				WRMI RADIO AFRICA	USA	BC	9K00E	A3E							282	A		OKEECHOBEE TX
I	ROMA	17790.000	21	11	1310		27.0	WRMI RADIO FOR PEACE	USA	BC	9K00E	A3E										
F	RAMBOUILLET	17790.000	21	11	1400	1600	61.0	RADIO ROMANIA	ROU													
HNG	TARNOK	17790.002	10	10	0700	0730	33.1	AWR	AUT	BC	9K71	A3E										
HNG	TARNOK	17790.002	10	10	1159	1300	22.9	BBC	OMA	BC	11K3	A3E										
HNG	TARNOK	17790.002	10	10	1800	2100	18.1	WRMI	USA	BC	11K9	A3E										
HNG	TARNOK	17790.003	10	10	0500	0600	27.3	AWR	MDG	BC	11K5	A3E										
KOR	CRMS	17800.000	05	10	0417	0417	26.0		USA	BC	14K9	A3E									6	
HNG	TARNOK	17800.000	10	10	0600	0700	35.9			BC	10K0E	A3E										
RUS	SAMARA	17800.000	13	10	0500	0700	20.0		CHN	BC	10K0	A3E	115	E	55	20	N	11	91	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	17800.000	13	10	1220	1230	35.0		F	BC	1K28	A3E							248	B		
RUS	S. PETERSBURG	17800.000	13	10	1340	1350	59.0		E	BC		A3E	004	W	05	43	N	12	246	B		
RUS	SAMARA	17800.000	13	10	1700	1900	20.0		F	BC	10K0	A3E	000	E	47	46	N	07	278	A		
I	ROMA	17800.000	21	11	1310		31.0	DEUTSCHE WELLE	F	BC	9K00E	A3E										
ROU	BELCIUGATELE	17800.000	22	11	1308	1357	49.7	Deutsche Welle	F	BC	9K00	A3E							288	A		Issoudun Hausa Language
HNG	TARNOK	17800.001	10	10	1230	1400	52.8	DWL	F	BC	9K77	A3E										
HNG	TARNOK	17800.002	10	10	1600	1700	52.3	DWL	F	BC	9K99	A3E										
HNG	TARNOK	17800.004	10	10	0300	0500	20.1	RFA	USA	BC	10K0E	A3E										
HNG	TARNOK	17800.011	10	10	1800	1900	31.6	DWL	F	BC	10K2	A3E									3	
ROU	BELCIUGATELE	17810.000	18	10	1012	1056	48.7	BBC	OMA	BC	9K00	A3E							120	A		Al Seela Pashto Language
KOR	CRMS	17810.000	25	10	0705	0705	51.7		USA	BC	14K9	A3E									6	
I	ROMA	17810.000	28	11	0959	1000		BBC WORLD SERVICE	OMA	BC	9K00E	A3E							102	A		
I	ROMA	17820.000	21	11	1310		16.0	VOICE OF AMERICA	KWT	BC	9K00E	A3E										
J	TOKYO	17830.000	11	10	0703			CHINA N.R.		BC		D7W	085	E	49	43	N	28	298	B		
RUS	BELGOROD	17830.000	13	10	0557	0600	60.3	China Radio Int.	CHN	BC	9K90	X7E	087	E	15	43	N	58	81	B		
RUS	BELGOROD	17830.000	13	10	0600	0605	68.0	BBC	I	BC	7K60	A3E	012	E	19	42	N	03	252	B		
RUS	SAMARA	17830.000	13	10	0630	0830	22.0		I	BC	10K0	A3E	012	E	20	42	N	14	262	A		
RUS	ARKHANGELSK	17830.000	13	10	0850	0900	31.0	Radio Farda	D	BC	2K81	A3E							242	B		
RUS	BELGOROD	17830.000	13	10	1142	1146	57.2		D	BC	9K50	A3E	008	E	45	49	N	44	278	B		
RUS	S. PETERSBURG	17830.000	13	10	1350	1400	51.0		D	BC		A3E	011	E	01	50	N	54	236	B		
RUS	MOROZOVSK	17830.000	13	10	1500	1515	26.0		D	BC	6K00	A3E	008	E	32	49	N	36	284	B		
J	TOKYO	17830.000	17	10	0451			CHINA N.R.	CHN	BC		D7W	087	E	51	44	N	52	300	B		
ROU	BELCIUGATELE	17830.000	17	10	0842	0915	79.2	Radio Farda	D	BC	10K0	A3E							301	A		Biblis Persian Language
ROU	BELCIUGATELE	17830.000	18	10	0953	1011	74.1	Radio Farda	D	BC	9K00	A3E							300	A		Biblis Persian Language
J	TOKYO	17830.000	24	10	0216					BC		D7W							299	D		
I	ROMA	17830.000	30	10	0610	0615	20.0	RADIO CHINA NATIONAL	CHN	BC	10K0	X7W							59	A		CHINESE(MANDARIN)
I	ROMA	17830.000	31	10	1009	1010	34.0	USAGM	D	BC	10K0	A3E							341	A		
I	ROMA	17830.000	23	11	0750	0800	25.0	CHINA NATIONAL RADIO	CHN	BC	10K0	X7W							60	A		DRM
I	ROMA	17830.000	24	11	0739	0745	23.0	CHINA NATIONAL RADIO	CHN	BC	10K0E	X7W							60	A		
J	TOKYO	17830.000	28	11	0628			CHINA N.R.		BC		D7W										
J	TOKYO	17830.000	12	12	0233			CHINA N.R.		BC		D7W	086	E	35	43	N	11	297	B		
RUS	NOVOSIBIRSK	17840.000	13	10	0410	0440	66.0		CHN	BC		A3E	113	E	41	43	N	54	106	A		
RUS	SAMARA	17840.000	13	10	0500	0700	32.0		CHN	BC	10K0	A3E	117	E	31	40	N	14	78	A		
RUS	BELGOROD	17840.000	13	10	0605	0608	60.2	China Radio Int.	CHN	BC	10K7	A3E	117	E	11	38	N	55	69	B		
RUS	ARKHANGELSK	17840.000	13	10	0900	0910	32.0	China Radio Int.	CHN	BC	1K86	A3E							124	B		
RUS	VERHNEYE DUBROVO	17840.000	13	10	1336	1350	39.0		CHN		6K42	A3E	118	E	00	37	N	55	93	C		
RUS	NYAGAN	17840.000	13	10	1336	1350	39.0		CHN		6K42	A3E	118	E	00	37	N	55	101	B		
J	TOKYO	17840.000	14	11	1042				CHN				105	E	54	34	N	29	278	A		
I	ROMA	17850.000	10	10	0828	0828	45.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	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	17850.000	12	10	0700	1000	53.9	RFI	F	BC	9K82	A3E										
HNG	TARNOK	17850.000	12	10	1600	2000	49.5	RFI	F	BC	9K96	A3E										
RUS	ARKHANGELSK	17850.000	13	10	0910	0920	36.0	Radio France Int.	F	BC	1K23	A3E							248	B		
RUS	BELGOROD	17850.000	16	10	0956	0959	49.9	Radio France Int.	F	BC	10K0	A3E	001	E	53	46	N	57	274	B		
ROU	BELCIUGATELE	17850.000	17	10	0000	2400	65.2	Radio France International	F	BC	10K0	A3E							288	A		Issoudun French Language
I	ROMA	17850.000	09	11	0817	0817	44.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
G	BALDOCK	17850.000	12	11				RADIO FRANCE INT'L	F	BC	9K00E	A3E							158	A		ISSOUDUN TX
KOR	CRMS	17850.000	14	11	0837	0837	12.6		F	BC	15K0	A3E									6	
F	RAMBOUILLET	17850.000	22	11	0700	1200	45.0	RFI														
I	ROMA	17850.000	23	11	0800		50.0	RADIO FRANCE INT	F	BC	9K00E	A3E							306	A		
KOR	CRMS	17850.000	08	12	0753	0753	12.1		F	BC	15K0	A3E									6	
I	ROMA	17850.000	19	12	0940	0940	38.0	R.FRANCE INT.	F	BC	9K00E	A3E							307	A		
RUS	NOVOSIBIRSK	17855.000	16	10	0355	0425	38.0		CHN	BC	14K6	A3E	117	E	11	39	N	18	110	A		
RUS	IRKUTSK	17855.000	16	10	0355	0425	49.0		CHN	BC	10K4	A3E	117	E	11	39	N	18	143	A		
RUS	SLAVYANKA	17855.000	16	10	0500	0530	65.0		CHN	BC	1K26	A3E	116	E	02	39	N	16	258	A		
RUS	BELGOROD	17855.000	16	10	0537	0541	52.2		CHN	BC	10K6	A3E	116	E	26	37	N	44	70	B		
KOR	CRMS	17855.000	19	12	0634	0634	52.8		USA	BC	14K5	A3E									6	
HNG	TARNOK	17855.001	12	10	0400	0557	27.3	CRI	CHN	BC	9K98	A3E										
HNG	TARNOK	17855.001	12	10	1800	2130	49.8	REE	E	BC	9K88	A3E										
HNG	TARNOK	17859.997	12	10	1300	1400	35.7	RFA	USA	BC	9K97	A3E										
HNG	TARNOK	17859.998	12	10	1200	1300	38.8	RFA	D	BC	9K92	A3E										
RUS	ARKHANGELSK	17860.000	16	10	1210	1220	46.0	Radio Free Asia	D	BC	1K14	A3E							243	B		
RUS	BELGOROD	17865.000	16	10	0600	0603	63.6	China Radio Int.	CHN	BC	10K6	A3E	087	E	03	43	N	52	81	B		
RUS	S. PETERSBURG	17865.000	16	10	0615	0630	43.0		CHN	BC		A3E	086	E	44	43	N	02	90	B		
ROU	BELCIUGATELE	17865.000	17	10	1019	1029	39.7			BC	10K0	A3E							125	A		Iraq?
KOR	CRMS	17865.000	21	11	0550	0550	46.6		PHL	BC	14K6	A3E									6	
F	RAMBOUILLET	17865.000	22	11	0700	1200	35.0	IBRA MEDIA														
HNG	TARNOK	17865.001	12	10	0600	0800	46.3	CRI	CHN	BC	9K95	A3E										
I	ROMA	17880.000	10	10	0830	0831	20.0	USAGM	THA	BC	9K00E	A3E							76	A		
HNG	TARNOK	17880.000	12	10	0330	1330	15.1	RTA	THA	BC	9K98	A3E										RADIO AZADI
HNG	TARNOK	17880.000	12	10	1600	1657	57.4	CRI	CHN	BC	9K92	A3E										
RUS	BELGOROD	17880.000	16	10	0541	0546	49.1		THA	BC	9K60	A3E	103	E	12	17	N	41	96	B		
RUS	MOROZOVSK	17880.000	16	10	1015	1030	17.0		THA	BC	3K00	A3E	104	E	38	15	N	40	100	C		
RUS	ARKHANGELSK	17880.000	16	10	1220	1230	40.0	Radio Azadi	THA	BC	2K71	A3E							110	B		
I	ROMA	17880.000	31	10	1015	1015	29.0	USAGM	THA	BC	9K00E	A3E							76	A		
I	ROMA	17880.000	21	11	1310		18.0	CHINA RADIO INTERNAT	MLI	BC	9K00E	A3E										
F	RAMBOUILLET	17880.000	22	11	1600	1700	45.0	CRI	CHN													
I	ROMA	17885.000	21	11	1310		21.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
ROU	BELCIUGATELE	17885.000	22	11	1415	1455	51.2	Voice of America	BOT	BC	12K0	A3E							182	A		Selebi-phikwe 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
HNG	TARNOK	17890.000	12	10	0500	0600	14.1	CNR1	CHN	BC	9K89	A3E										
RUS	NOVOSIBIRSK	17890.000	16	10	0130	0200	32.0		CHN	BC	17K8	A3E	117	E	43	39	N	31	110	A		
RUS	IRKUTSK	17890.000	16	10	0130	0200	30.0		CHN	BC	16K5	A3E	117	E	43	39	N	31	140	A		
KOR	CRMS	17890.000	21	12	0428	0428	35.5	CNR	CHN	BC	14K6	A3E									3	
I	ROMA	17895.000	04	12	1750	1752	52.0	VOICE OF AMERICA	BOT	BC	11K5E	A3E							164	A	12	ENG
J	TOKYO	17916.000	03	10	0904			AUCKLAND		FA		J2D										
J	TOKYO	17916.000	11	10	0707			AUCKLAND		FA		J2D										
J	TOKYO	17916.000	24	10	0218			AUCKLAND		FA		J2D										
J	TOKYO	17916.000	14	11	1053			AUCKLAND		FA		J2D										
I	ROMA	17916.000	23	11	0750		3.0	005 AUCKLAND CH 06	NZL	MA	3K00E	J2D										HFDL
J	TOKYO	17916.000	28	11	0630			AUCKLAND		FA		J2D										
G	BALDOCK	17917.450	12	11				ID5- AUCKLAND	NZL	FA	1K50E	J1D							111	B		
F	RAMBOUILLET	17917.500	24	11	0700	1900	14.0															
J	TOKYO	17919.000	24	10	0225			SANFRANCISCO		FA		J2D										
I	ROMA	17919.000	24	11	1504		5.0	004 RIVERHEAD	USA	MA	3K00E	J2D										HFDL
G	BALDOCK	17920.450	12	11				ID1- SAN FRANCISCO	USA	FA	1K50E	J7D							318	B		
I	ROMA	17925.000	23	11	0835		14.0	NEW YORK RADIO	USA	FA	2K70E	J3E							303	A		AIR TRAFFIC CONTROL
I	ROMA	17928.000	24	11	1512		12.0	017 TELDE	E	MA	3K00E	J2D										HFDL
F	RAMBOUILLET	17929.800	24	11	0700	1900	18.0															
I	ROMA	17930.000	23	11	0755	0825	36.0	RADAR	RUS	FX	20K0E	P0N							48	A		OTH RADAR
I	ROMA	17940.000	23	11	0810		5.0			MA	2K70E	J3E							268	A		
J	TOKYO	17958.000	03	10	0904			MUAN		FA		J2D										
J	TOKYO	17958.000	11	10	0708			MUAN		FA		J2D										
J	TOKYO	17958.000	17	10	0452			MUAN		FA		J2D										
J	TOKYO	17958.000	24	10	0230			MUAN		FA		J2D										
J	TOKYO	17958.000	08	11	0014			MUAN		FA		J2D										
J	TOKYO	17958.000	21	11	0828			MUAN		FA		J2D										
I	ROMA	17958.000	23	11	0750		3.0	010 MUAN	KOR	MA	3K00E	J2D										HFDL
J	TOKYO	17958.000	28	11	0657			MUAN		FA		J2D										
J	TOKYO	17958.000	05	12	0515			MUAN		FA		J2D										
J	TOKYO	17958.000	12	12	0236			MUAN		FA		J2D										
J	TOKYO	17958.000	19	12	0016			MUAN		FA		J2D										
J	TOKYO	17967.000	25	12	1051			BAHRAIN		FA		J2D										
I	ROMA	17991.000	23	11	0843	0846	19.0			MA	2K70E	J3E							338	A		
RUS	BELGOROD	18010.000	16	10	0546	0555	39.1		CYP	LR	25K0		032	E	56	34	N	37	191	B		
RUS	S. PETERSBURG	18010.000	16	10	0815	0830	45.0		CYP	FX	18K8	P0N							174	B		
F	RAMBOUILLET	18030.000	27	11	1055	1110	44.0															
J	TOKYO	18040.000	19	12	0131				CHN	BC		R3E	121	E	07	25	N	07	243	B		TAIWAN
J	TOKYO	18044.960	24	10	0415				KRE				125	E	51	40	N	27	297	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	18050.000	27	11	0700	0755	50.0															
J	TOKYO	18054.000	17	10	0602				RUS			J2D	137	E	06	50	N	33	352	A		
J	TOKYO	18060.000	17	10	0604			VMW				F3C	118	E	06	27	S	31	201	B		
J	TOKYO	18060.000	13	11	2351				AUS			F3C	119	E	45	27	S	13	200	B		
J	TOKYO	18060.000	28	11	0745			VMW				F3C	118	E	09	31	S	58	200	B		
J	TOKYO	18060.000	28	11	0745				USA			F1B	156	W	33	20	N	50	88	B		HWA
J	TOKYO	18060.000	05	12	0605				AUS			F3C	116	E	33	30	S	44	201	B		TAIWAN
J	TOKYO	18060.000	24	12	2348			VMW				F3C										
RUS	BELGOROD	18080.000	17	10	0741	0742	25.1	DL8MEM	D	AT	100H	A1A	009	E	48	51	N	50	284	B		
RUS	BELGOROD	18080.000	17	10	0825	0826	32.0	IK1TAZ	I	AT	100H	A1A	008	E	06	44	N	49	264	B		
RUS	BELGOROD	18093.000	17	10	0750	0752	27.6	DL7DAX	D	AT	100H	A1A	007	E	12	51	N	34	284	B		
F	RAMBOUILLET	18103.000	28	11	0700	1900	28.0															
G	BALDOCK	18110.000	12	11				OH2B (LOHJA)	FIN	LR	100HE	A1A							49	A		RADIO AMATEUR
G	BALDOCK	18110.000	12	11				4X6TU (TEL AVIV)	ISR	LR	100HE	A1A							114	A		RADIO AMATEUR
RUS	BELGOROD	18129.000	17	10	0650	0657	24.2	IZ7DOK	I	AT	2K60	J3E	018	E	02	40	N	30	239	B		
J	TOKYO	18134.870	24	10	0416				KRE				126	E	42	40	N	36	298	B		
RUS	BELGOROD	18179.700	17	10	0628	0629	31.0		D		2K90	G1D	010	E	34	48	N	47	274	B		
J	TOKYO	18179.730	17	10	0608			SOUND OF HOPE		BC		A3E	120	E	35	23	N	39	240	B	11	TAIWAN
J	TOKYO	18179.740	11	10	0747			SOUND OF HOPE		BC		A3E	121	E	34	24	N	38	241	A	11	TAIWAN
J	TOKYO	18179.740	24	10	0419			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	18179.740	28	11	0752			SOUND OF HOPE		BC		A3E	121	E	22	24	N	56	242	B	11	TAIWAN
J	TOKYO	18179.740	12	12	0416			SOUND OF HOPE		BC		A3E	120	E	43	23	N	28	240	B	11	TAIWAN
J	TOKYO	18179.750	03	10	1003			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	18179.750	07	11	0133			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	18179.750	05	12	0608			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	18179.770	13	11	2353			SOUND OF HOPE		BC		A3E	120	E	59	24	N	19	242	A	11	TAIWAN
J	TOKYO	18179.770	19	12	0135			SOUND OF HOPE		BC		A3E	121	E	39	24	N	51	241	B	11	TAIWAN
J	TOKYO	18179.820	24	12	2349			SOUND OF HOPE		BC		A3E	121	E	39	25	N	06	242	A	11	TAIWAN
KOR	CRMS	18180.000	05	10	0420	0420	-8.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	18180.000	01	11	0556	0556	0.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	18180.000	01	12	0726	0726	-4.2		CHN	BC	14K9	A3E									11	
RUS	BELGOROD	18183.300	17	10	0628	0629	31.0		D		2K90	G1D	010	E	34	48	N	47	274	B		
RUS	S. PETERSBURG	18196.500	17	10	0605	0615	28.0		HRV	FX		G1D	014	E	45	44	N	04	216	B		
RUS	BELGOROD	18196.540	17	10	0552	0556	15.4		I		2K90	G1D	013	E	08	42	N	31	252	B		
J	TOKYO	18199.700	11	10	0748			SOUND OF HOPE		BC		A3E	120	E	23	23	N	32	240	A	11	TAIWAN
J	TOKYO	18199.750	17	10	0701			SOUND OF HOPE		BC		A3E	126	E	43	33	N	23	263	B	11	KOR
J	TOKYO	18200.000	03	10	1005					BC		A3E							246	C		
KOR	CRMS	18200.000	05	10	0420	0420	19.0		CHN	BC	13K3	A3E									11	
J	TOKYO	18200.000	11	10	0749			CHINA N.R.		BC		A3E	119	E	17	25	N	58	245	A	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	18200.000	16	10	0400	1100	17.0	SOH XI WANG	CHN	BC	10K0E	A3E									11	
RUS	IRKUTSK	18200.000	17	10	0300	0330	35.0		CHN	BC		A3E	109	E	18	18	N	29	174	A	11	
J	TOKYO	18200.000	17	10	0610			CHINA N.R.		BC		A3E	109	E	14	19	N	13	247	B	11	
RUS	SAMARA	18200.000	17	10	0800	1000	30.0		CHN	BC	10K0	A3E	115	E	32	38	N	57	80	A		
RUS	BELGOROD	18200.000	17	10	0830	0836	36.5		CHN	BC	10K0	A3E	116	E	18	39	N	50	68	B	11	
J	TOKYO	18200.000	24	10	0419			CHINA N.R.		BC		A3E	113	E	45	22	N	52	248	B	11	
J	TOKYO	18200.000	07	11	0136			CHINA N.R.		BC		A3E							245	C	11	
KOR	CRMS	18200.000	21	11	0550	0550	21.8		CHN	BC	14K8	A3E									11	
J	TOKYO	18200.000	28	11	0753			CHINA N.R.		BC		A3E	087	E	29	43	N	43	298	B	11	
KOR	CRMS	18200.000	26	12	0705	0705	47.4		CHN	BC	12K1	A3E									11	
HNG	TARNOK	18202.850	16	10	0410	0417	17.3				2K80	F7D										16CH MFSK
J	TOKYO	18206.000	13	11	2354				INS			A1A	108	E	22	06	S	34	223	A		
G	BALDOCK	18322.500	12	11				?	USA	FX	25K0E	G1D							294	A		
RUS	BELGOROD	18366.800	18	10	0820	0824	16.6		SEN	FX	2K60	G1D	017	W	13	14	N	47	250	B		
G	BALDOCK	18366.800	12	11				?	SEN	FC	3K00E	G1D							207	B		
F	RAMBOUILLET	18367.000	30	11	0700	1900	28.0															
J	TOKYO	18370.000	11	10	0752				USA			F1B	144	E	37	13	N	18	169	A		GUM
J	TOKYO	18370.000	17	10	0613				USA			F1B	144	E	40	13	N	23	169	A		GUM
J	TOKYO	18370.000	24	10	0420				USA			F1B	144	E	43	13	N	20	169	B		GUM
J	TOKYO	18370.000	13	11	2359				USA			F1B	144	E	40	13	N	24	169	A		GUM
J	TOKYO	18370.000	19	12	0138				USA			F1B	144	E	47	13	N	38	168	A		GUM
J	TOKYO	18370.000	24	12	2357				USA			F1B	144	E	57	13	N	33	168	A		GUM
HNG	TARNOK	18395.000	18	10	0745	0748	42.7				20K0E	F0N										OTHR
HNG	TARNOK	18400.000	18	10	1450	1612	41.4				20K0E	F0N										OTHR
F	RAMBOUILLET	18403.200	01	12			21.0				3K00E	J7B								A	9	
F	RAMBOUILLET	18415.000	01	12	1109	1128	20.0				20K0E	PXX								A	9	OTHR
RUS	BELGOROD	18495.300	19	10	0607	0616	22.2		DJI	FX	2K60	G1D	043	E	05	11	N	24	170	B		
G	BALDOCK	18495.300	12	11				?	GRC	FC	3K00E	G1D							120	A		
F	RAMBOUILLET	18495.400	04	12	0700	1900	28.0				3K00E	J7B								A	9	
RUS	S. PETERSBURG	18495.500	19	10	1402	1410	15.0		ERI	FX	3K49	G1D	042	E	16	12	N	55	164	B		
F	RAMBOUILLET	18530.000	04	12	1245	1325	18.0				5K40E	J7B								A	9	
J	TOKYO	18549.750	11	10	0800				INS				120	E	15	05	S	09	209	B		
J	TOKYO	18552.250	11	10	0801				INS				119	E	02	08	S	35	208	B		
J	TOKYO	18558.000	24	10	0425				USA			F1B	155	W	34	19	N	18	88	B		HWA
J	TOKYO	18599.200	28	11	0807				KRE			J2D	126	E	14	39	N	40	294	B		
RUS	BELGOROD	18600.000	19	10	0616	0623	2.9		SEN		2K70	G1D	017	W	29	14	N	45	250	B		
J	TOKYO	18600.130	05	12	0610														153	C		
J	TOKYO	18600.200	12	12	0423							J2D										
G	BALDOCK	18600.250	12	11				?	F	FC	3K00E	G1D							198	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	18600.300	19	12	0145				F			J2B	164	E	35	20	S	09	153	A		NCL
J	TOKYO	18600.350	24	10	0426														152	C		
J	TOKYO	18600.750	11	10	0803				F				164	E	20	20	S	35	154	A		NCL
G	BALDOCK	18650.000	12	11				?	USA	FX	50K0E	XXX							298	A		
J	TOKYO	18709.000	03	10	1008				RUS			F1B	156	E	54	52	N	04	30	B		TAIWAN
J	TOKYO	18709.000	11	10	0804				RUS			F1B	069	E	23	70	N	32	336	A		
J	TOKYO	18709.000	17	10	0619				RUS			F1B	158	E	21	53	N	16	30	B		
J	TOKYO	18764.000	28	11	0813							F1B										
F	RAMBOUILLET	18764.000	06	12	0800	0900	17.0				400HE	F1B								A	9	
HNG	TARNOK	18865.000	22	10	0600	0603	26.3				20K0E	F0N										OTHR
J	TOKYO	18900.000	03	10	1013					BC		A3E							297	C		
KOR	CRMS	18900.000	05	10	0423	0423	26.3		CHN	BC	13K2	A3E									6	
J	TOKYO	18900.000	17	10	0623			CHINA N.R.		BC		A3E	102	E	34	25	N	00	262	B		
HNG	TARNOK	18900.000	22	10	0600	1000	28.8	SOH	CHN	BC	9K98	A3E										
RUS	BELGOROD	18900.000	23	10	0603	0608	21.5		CHN	BC	10K4	A3E	111	E	22	40	N	35	71	B		
RUS	S. PETERSBURG	18900.000	23	10	0645	0650	26.0		CHN	BC		A3E	111	E	18	39	N	29	74	B		
RUS	IRKUTSK	18900.000	23	10	0930	1000	23.0		CHN	BC		A3E	117	E	54	28	N	59	153	A		
RUS	ARKHANGELSK	18900.000	23	10	1000	1010	31.0		CHN	BC	2K50	A3E							88	B		
RUS	SMOLENSK	18900.000	23	10	1100	1200	22.0		CHN	BC	1K40	A3E	108	E	19	19	N	19	89	B		
J	TOKYO	18900.000	24	10	0436			CHINA N.R.		BC		A3E	087	E	36	43	N	19	297	B		
ROU	BELCIUGATELE	18900.000	30	10	0811	0845	42.7	SOH Xi Wang Zhi Sheng	CHN	BC	20K0	A3E							48	A		Miaoli Chinese Language
KOR	CRMS	18900.000	01	11	0556	0556	34.8		CHN	BC	14K5	A3E									6	
J	TOKYO	18900.000	07	11	0139			CHINA N.R.		BC		A3E							256	C	11	
J	TOKYO	18900.000	14	11	0004				CHN	BC		A3E	119	E	23	25	N	55	247	A		
ROU	BELCIUGATELE	18900.000	23	11	0956	1000	39.2	SOH Xi Wang Zhi Sheng	CHN	BC	3K70	A3E							72	A		ND Miaoli Chinese Language
ROU	BELCIUGATELE	18900.000	23	11	1106	1127	41.4			BC	7K60	A3E							82	A		Chinese Language
KOR	CRMS	18900.000	01	12	0726	0726	25.2		CHN	BC	14K7	A3E									6	
J	TOKYO	18900.000	05	12	0614			CHINA N.R.		BC		A3E									11	TAIWAN
KOR	CRMS	18900.000	08	12	0755	0755	-0.4		CHN	BC	15K0	A3E									6	
J	TOKYO	18900.000	19	12	0149				CHN	BC		A3E	090	E	06	29	N	27	276	B		
J	TOKYO	18900.000	19	12	0203				CHN	BC		A3E	108	E	57	19	N	08	247	B		
J	TOKYO	18900.180	17	10	0702			SOUND OF HOPE		BC		A3E	121	E	25	25	N	07	242	B		TAIWAN
J	TOKYO	18900.230	12	12	0428			SOUND OF HOPE		BC		A3E	120	E	53	23	N	21	239	B		TAIWAN
J	TOKYO	18900.280	19	12	0149			SOUND OF HOPE		BC		A3E	121	E	37	25	N	11	242	B	11	TAIWAN
J	TOKYO	18900.410	25	12	0001			SOUND OF HOPE		BC		A3E	121	E	25	25	N	05	242	A		TAIWAN
HNG	TARNOK	18969.999	24	10	0505	0600	38.5	CRI	CHN	BC	15K6	A3E										
KOR	CRMS	18970.000	04	10	0543	0543	18.3		CHN	BC	14K2	A3E									6	
RUS	BELGOROD	18970.000	23	10	0540	0545	13.6		CHN	BC	11K5	A3E	111	E	07	40	N	07	71	B		
RUS	BELGOROD	18970.000	23	10	0608	0610	28.1		CHN	BC	15K4	A3E	108	E	50	18	N	55	91	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	BELGOROD	18970.000	23	10	0847	0850	31.3		CHN	BC	10K6	A3E	087	E	28	43	N	54	81	B		
RUS	IRKUTSK	18970.000	23	10	0900	0930	25.0		CHN	BC	10K3	A3E	115	E	10	31	N	59	156	A		
RUS	ARKHANGELSK	18970.000	23	10	1010	1020	41.0		CHN	BC	1K17	A3E							88	B		
RUS	SMOLENSK	18970.000	23	10	1100	1200	20.0		CHN	BC	2K53	A3E	117	E	23	23	N	59	80	B		
HNG	TARNOK	18970.000	24	10	0600	1300	18.4	SOH	CHN	BC	9K88	A3E										
KOR	CRMS	18970.000	01	11	0556	0556	29.2		CHN	BC	14K5	A3E									6	
J	TOKYO	18970.000	14	11	0011				CHN	BC		A3E	087	E	27	43	N	43	298	A		
F	RAMBOUILLET	18970.000	23	11	0700	1600	35.0	SQH XI	CHN													
KOR	CRMS	18970.000	01	12	0726	0726	24.1		CHN	BC	14K8	A3E									6	
KOR	CRMS	18970.000	11	12	0423	0423	40.9		CHN	BC	14K8	A3E									6	
KOR	CRMS	18970.000	14	12	0415	0415	41.3		PHL	BC	14K1	A3E									6	
RUS	S. PETERSBURG	19000.000	23	10	0720	0730	47.0		CYP	FX		P0N	033	E	11	34	N	55	174	B		
J	TOKYO	19048.700	19	12	0158				AUS			J2B	148	E	53	30	S	20	172	A		
J	TOKYO	19048.750	25	12	0015				INS				119	E	23	04	S	58	210	A		
RUS	S. PETERSBURG	19052.000	24	10	0730	0740	30.0		EGY	FX		G1D							182	B		
F	RAMBOUILLET	19053.000	07	12	0700	1500	31.0				3K00E	J7B								A	9	
RUS	SMOLENSK	19053.100	24	10	0930	1000	8.0		EGY	FX	2K99	G1D	028	E	56	29	N	52	187	B		
RUS	BELGOROD	19053.470	24	10	0637	0639	25.1		CYP		3K10	G1D	032	E	56	34	N	38	191	B		
RUS	SMOLENSK	19255.900	25	10	0800	0830	10.0		D	FX	359H	F1B	009	E	00	53	N	17	272	B		
J	TOKYO	19256.000	17	10	0629							F1B							337	C		
J	TOKYO	19256.010	03	10	1020							F1B							333	C		
RUS	S. PETERSBURG	19340.000	25	10	1040	1050	32.0		EGY	FX		P0N	030	E	18	30	N	04	179	B		
RUS	BELGOROD	19340.000	25	10	1153	1200	24.3		CYP	LR	27K4		032	E	56	34	N	37	191	B		
HNG	TARNOK	19349.000	26	10	0544	0555	50.8				22K0E	F0N										OTHR
F	RAMBOUILLET	19350.000	11	12	1316	1352	18.0				20K0E	PXX								A	9	OTHR
G	BALDOCK	19386.000	27	10				?		FX	3K00E	G1D							197	A		
G	BALDOCK	19423.000	27	10				?		FX	32K0E	P0N							69	A		
J	TOKYO	19512.800	17	10	0634				RUS				036	E	19	54	N	41	323	A		
J	TOKYO	19519.940	24	10	0439				KRE				126	E	59	40	N	06	297	B		
J	TOKYO	19520.000	17	10	0638				KRE			J2B	126	E	11	40	N	01	295	A		
J	TOKYO	19539.900	05	12	0617														155	C		
J	TOKYO	19540.000	17	10	0641				KRE			J2B	125	E	59	40	N	16	296	A		
J	TOKYO	19540.060	24	10	0440				KRE				126	E	41	40	N	02	296	B		
HNG	TARNOK	19545.000	26	10	1545	1615	36.1				22K0E	F0N										OTHR
HNG	TARNOK	19549.000	26	10	0555	0610	51.9				22K0E	F0N										OTHR
J	TOKYO	19559.940	24	10	0440				KRE				127	E	10	40	N	12	298	B		
J	TOKYO	19560.000	17	10	0643				KRE			J2B	125	E	30	39	N	57	295	A		
HNG	TARNOK	19565.000	26	10	1508	1540	50.5				22K0E	F0N										OTHR
J	TOKYO	19650.000	17	10	0645				KRE			J2B	127	E	25	39	N	57	297	A		

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	19655.000	13	12	1150	1440	57.0				15K0E	PXX								A	9	OTHR
J	TOKYO	19688.000	03	10	1026							F1B							340	C		
J	TOKYO	19688.000	11	10	0811				RUS			F1B	081	E	15	77	N	44	338	A		
G	BALDOCK	19688.000	27	10				?		FX	800HE	F1B							31	A		
J	TOKYO	19688.000	28	11	0825				RUS			F1B	131	E	50	43	N	18	322	B		
J	TOKYO	19706.000	17	10	0647				CHN				113	E	34	35	N	15	277	B		
J	TOKYO	19709.650	03	10	1029				AUS			J2B	115	E	05	25	S	26	205	B		
J	TOKYO	19779.870	24	10	0445				KRE				126	E	49	40	N	13	297	B		
RUS	SMOLENSK	19788.000	27	10	1000	1030	8.0		CHN	FX	2K98	XXX	121	E	38	31	N	28	71	B		
RUS	BELGOROD	19788.000	27	10	1000	1007	11.0		CHN	FC	1K30	F1C	121	E	32	31	N	16	72	B		
J	TOKYO	19788.000	07	11	0145							F3C							260	C		
J	TOKYO	19788.000	12	12	0439			XSG		FC		F3C	121	E	15	31	N	33	261	A		
G	BALDOCK	19932.000	27	10				?		FX	20K0E	P0N							69	A		
G	BALDOCK	20000.000	27	10				WMV (TIME SIGNAL)	USA	FX	300HE	A2B							307	A		STATION WMV IN
J	TOKYO	20000.000	07	11	0149			BPM		SS		AXW										TAIWAN
J	TOKYO	20000.000	28	11	0830					SS		AXW										
F	RAMBOUILLET	20000.000	18	12	1200	1500	16.0				3K00E									A	9	
F	RAMBOUILLET	20047.700	19	12	0700	1900	20.0					A1AA-								A	3	Balise Lettre D
HNG	TARNOK	20047.705	30	10	0750	1300	31.1	D			100H	A1B										
HNG	TARNOK	20047.900	30	10	1430	1530	16.9	S			100H	A1B										
J	TOKYO	20048.200	24	10	0448			F				A1A	132	E	25	43	N	06	323	B		
J	TOKYO	20048.200	07	11	0150			F				A1A							310	C		
J	TOKYO	20048.200	14	11	0014			F				A1A	132	E	59	43	N	03	325	A		
J	TOKYO	20048.200	19	12	0211			F				A1A	132	E	55	42	N	49	323	B		
J	TOKYO	20048.200	25	12	0018			F				A1A	132	E	48	42	N	56	323	A		
HNG	TARNOK	20070.000	30	10	0800	0820	52.8				30K0E	F0N										OTHR
HNG	TARNOK	20090.000	30	10	0500	0508	44.0				30K0E	F0N										OTHR
J	TOKYO	20108.200	28	11	0835				AUS			J2D	144	E	46	35	S	58	176	B		
J	TOKYO	20208.300	28	11	0842							J2D										
J	TOKYO	20281.800	28	11	0846				AUS			J2D	128	E	18	14	S	50	195	B		
J	TOKYO	20324.330	05	12	0632				AUS				133	E	02	16	S	37	189	B		
J	TOKYO	20469.000	24	10	0451				AUS			F3C	146	E	23	37	S	56	175	B		
J	TOKYO	20469.000	28	11	0852			VMC				F3C	145	E	27	33	S	46	175	B		
J	TOKYO	20469.000	05	12	0634				AUS				146	E	07	36	S	22	175	B		
J	TOKYO	20469.000	25	12	0036			VMC				F3C										
J	TOKYO	20470.000	14	11	0018				AUS			F3C	146	E	52	30	S	54	174	B		
F	RAMBOUILLET	20505.750	22	12	1241	1255	21.0				3K00E	J7B								A	9	
HNG	TARNOK	20536.000	01	11	1100	1700	58.5				300H	F1B										200HZ, 50BD
J	TOKYO	20536.610	03	10	1035							F1B							321	C		

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	20545.500	22	12	1000	1020	21.0				3K00E	J7B								A	9	
J	TOKYO	20551.750	03	10	1038							J2B							196	C		
RUS	BELGOROD	20610.000	02	11	1007	1024	22.5		CYP	LR	26K5		032	E	56	34	N	37	191	B		
F	RAMBOUILLET	20675.000	26	12	0735	1000	34.0				20K0E	PXX								A	9	OTHR
HNG	TARNOK	20900.000	03	11	1710	1800	16.6				40K0E	F0N										OTHR
F	RAMBOUILLET	20900.000	28	12	1215	1305	27.0				20K0E	PXX								A	9	OTHR
J	TOKYO	20956.700	28	11	0857				USA			J2D	144	E	43	13	N	25	169	B		GUM
J	TOKYO	20956.750	25	12	0025														167	A		
J	TOKYO	20956.800	17	10	0657				USA			J2B	144	E	58	13	N	36	168	A		GUM
F	RAMBOUILLET	21010.150	29	12	0700	0900	19.0					A1AA-								A	9	
RUS	BELGOROD	21074.000	07	11	0615	0616	23.7	JA2JDY	J	AT	50H0	J2B							59	B		
RUS	BELGOROD	21074.000	07	11	0619	0620	13.8	4X1QQ	ISR	AT	50H0	J2B							183	B		
RUS	BELGOROD	21074.000	07	11	0620	0621	3.2	A25R	BOT	AT	50H0	J2B							192	B		
RUS	BELGOROD	21074.000	07	11	0621	0622	17.3	ER3RE	MDA	AT	50H0	J2B							246	B		
F	RAMBOUILLET	21075.000	29	12	0700	1900	27.0				3K00E	J7B								A	9	
G	BALDOCK	21150.000	12	11				OA4B (LIMA)		LR	100HE	A1A							252	A		RADIO AMATEUR
G	BALDOCK	21150.000	12	11				OH2B (LOHJA)	FIN	LR	100HE	A1A							49	A		RADIO AMATEUR
G	BALDOCK	21150.000	12	11				4U1UN (NEW YORK)	USA	LR	100HE	A1A							288	A		RADIO AMATEUR
J	TOKYO	21231.000	05	12	0607														270	D		
J	TOKYO	21233.000	05	12	0608														272	D		
RUS	BELGOROD	21346.800	08	11	0818	0821	30.2		TUR		2K50	G1D	033	E	21	36	N	59	190	B	11	
RUS	BELGOROD	21410.000	08	11	1128	1132	39.4		CYP	LR	25K0		032	E	56	34	N	37	191	B	11	
RUS	SAMARA	21470.000	09	11	0630	0700	62.0		ROU	BC	10K0	A3E	025	E	11	44	N	22	253	A		
RUS	BELGOROD	21470.000	09	11	0630	0636	29.7	Radio Romania Int.	ROU	BC	9K90	A3E	026	E	06	44	N	45	234	B		
RUS	BELGOROD	21470.000	09	11	0752	0757	46.8	BBC	I	BC	9K70	A3E	012	E	13	42	N	04	252	B		
RUS	SMOLENSK	21470.000	09	11	1100	1200	7.0		OMA	BC	2K99	A3E	060	E	26	20	N	41	137	B		
RUS	ARKHANGELSK	21470.000	09	11	1240	1250	31.0	Radio Romania Int.	ROU	BC	2K10	A3E							218	B		
RUS	SAMARA	21470.000	10	11	1200	1255	44.0		ROU	BC	10K0	A3E	024	E	08	44	N	10	253	A		
F	RAMBOUILLET	21470.000	24	11	1200	1230	47.0	RADIO ROMANIA	ROU													
KOR	CRMS	21480.000	02	11	0616	0616	19.2		CHN	BC	14K9	A3E									6	
RUS	BELGOROD	21480.000	09	11	0600	0605	32.6		CHN	BC	8K80	A3E	117	E	57	26	N	16	78	B		
KOR	CRMS	21480.000	09	11	0638	0638	31.9		USA	BC	14K2	A3E									6	
KOR	CRMS	21480.000	04	12	0624	0624	40.4		USA	BC	13K1	A3E									6	
KOR	CRMS	21490.000	06	10	0052	0052	29.2		CHN	BC	14K6	A3E									6	
ROU	BELCIUGATELE	21490.000	23	10	1324	1354	32.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							71	A		ND Miaoli Chinese Language
KOR	CRMS	21490.000	01	11	0407	0407	22.1		CHN	BC	15K0	A3E									6	
RUS	IRKUTSK	21490.000	09	11	0430	0500	21.0		CHN	BC		A3E	108	E	50	24	N	20	172	A		
RUS	BELGOROD	21490.000	09	11	0553	0558	28.9		CHN	BC	10K6	A3E	075	E	32	39	N	07	98	B		
RUS	SMOLENSK	21490.000	09	11	0615	0715	6.0		CHN	BC	2K99	A3E	110	E	02	18	N	51	88	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	SAMARA	21490.000	09	11	0700	0730	47.0		CHN	BC	10K0	A3E	120	E	30	24	N	18		A		
RUS	BELGOROD	21490.000	09	11	0757	0800	42.1		CHN	BC	8K80	A3E	108	E	52	18	N	32	91	B		
RUS	ARKHANGELSK	21490.000	09	11	0910	0920	32.0		CHN	BC	2K68	A3E							102	B		
RUS	SAMARA	21490.000	10	11	1200	1400	32.0		VTN	BC	10K0	A3E	106	E	38	22	N	17	103	A		
KOR	CRMS	21490.000	01	12	0110	0110	30.2		CHN	BC	14K9	A3E									6	
RUS	BELGOROD	21500.000	09	11	1215	1219	39.7	BBC	G	BC	7K70	A3E	002	W	50	52	N	16	289	B		
F	RAMBOUILLET	21500.000	24	11	1200	1230	45.0	BBC														
KOR	CRMS	21525.000	15	12	0028	0028	46.9		CHN	BC	10K6	A3E									6	
KOR	CRMS	21530.000	05	10	0500	0500	11.8		CHN	BC	15K0	A3E									6	
G	BALDOCK	21530.000	21	10				SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							50	B		TX FROM
KOR	CRMS	21530.000	01	11	0407	0407	36.9		CHN	BC	11K9	A3E									6	
RUS	IRKUTSK	21530.000	09	11	0530	0600	33.0		CHN	BC		A3E	130	E	15	47	N	19	98	A		
RUS	BELGOROD	21530.000	09	11	0558	0600	30.6		CHN	BC	10K5	A3E	131	E	19	47	N	00	53	B		
RUS	SMOLENSK	21530.000	09	11	0600	0700	10.0		CHN	BC	2K99	A3E	107	E	55	19	N	11	90	B		
RUS	ARKHANGELSK	21530.000	09	11	0920	0930	33.0		CHN	BC	2K15	A3E							67	B		
KOR	CRMS	21530.000	01	12	0110	0110	21.4		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	21530.500	24	10	1040	1110	42.3	SOH XI WANG ZHI SHENG	CHN	BC	9K00	A3E							50	A		Chinese Language
G	BALDOCK	21550.000	22	10				IFRIKYA FM	ALG	BC	9K00E	A3E							185	B		BECKOR TX
ROU	BELCIUGATELE	21550.000	23	10	1252	1322	50.8	Ifriky Radio	ALG	BC	9K00	A3E							252	A		Bechar
RUS	MOROZOVSK	21550.000	09	11	1500	1515	17.0		ROU	BC	3K00	A3E	025	E	24	45	N	16	261	C		
HNG	TARNOK	21560.145	07	11	0600	0800	39.9	BBC	UAE	BC	9K68	A3E									3	
RUS	BELGOROD	21560.150	09	11	0609	0614	33.6		UAE	BC	9K60	A3E	054	E	17	24	N	10	146	B		
RUS	MOROZOVSK	21565.000	09	11	1615	1630	32.0		CHN	BC	9K00	A3E	109	E	42	19	N	08	93	B		
G	BALDOCK	21580.000	21	10				RADIO FRANCE INTERNATIONAL	F	FX	9K00E	A3E							155	B		ISSOUDAN TX
HNG	TARNOK	21580.000	07	11	1200	1300	43.7	RFI	F	BC	10K5	A3E										
HNG	TARNOK	21580.000	07	11	1313	1317	40.9	RFI	F	BC	10K1	A3E										
RUS	SAMARA	21580.000	09	11	0700	0730	45.0		F	BC	10K0	A3E	001	E	25	46	N	25	279	A		
RUS	BELGOROD	21580.000	09	11	0703	0709	55.2	Radio France Int.	F	BC	10K0	A3E	001	E	53	46	N	57	274	B		
RUS	ARKHANGELSK	21580.000	09	11	0930	0940	29.0	Radio France Int.	F	BC	2K37	A3E							248	B		
F	RAMBOUILLET	21580.000	27	11	0700	1000	32.0	RFI	F													
HNG	TARNOK	21580.001	07	11	0700	1000	34.8	RFI	F	BC	9K25	A3E										
RUS	SAMARA	21595.000	09	11	1200	1230	55.0		UAE	BC	10K0	A3E	053	E	15	23	N	15	174	A		
F	RAMBOUILLET	21595.000	27	11	1200	1300	23.0	RADIO ERGO	UAE													
HNG	TARNOK	21595.143	07	11	1157	1300	43.1	RADIO ERGO	UAE	BC	9K86	A3E									3	
RUS	BELGOROD	21595.150	09	11	1219	1223	47.5		UAE	BC	9K40	A3E	054	E	15	24	N	10	146	B		
J	TOKYO	21597.000	28	11	0749														187	D		
KOR	CRMS	21620.000	08	11	0445	0445	35.0		PHL	BC	14K8	A3E									6	
KOR	CRMS	21620.000	06	12	0401	0401	27.3		PHL	BC	14K8	A3E									6	
RUS	BELGOROD	21630.000	09	11	0658	0703	33.5	BBC	I	BC	9K40	A3E	012	E	41	42	N	48	254	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	SAMARA	21630.000	09	11	0700	0730	51.0		I	BC	10K0	A3E	012	E	08	42	N	03	263	A		
F	RAMBOUILLET	21630.000	27	11	1600	1700	19.0	BBC	G													
HNG	TARNOK	21630.003	07	11	0657	0729	32.5	BBC	CVA	BC	9K37	A3E										
HNG	TARNOK	21640.162	07	11	1500	1600	51.6				8K86	A3E										
KOR	CRMS	21650.000	13	12	0405	0405	20.9		PHL	BC	14K9	A3E									6	
RUS	S. PETERSBURG	21660.002	10	11	1423	1432	57.0		MLI	BC	9K45	A3E	002	W	02	22	N	34	225	B		
ROU	BELCIUGATELE	21670.000	23	10	1057	1131	51.1	R. Saudi International	ARS	BC	9K00	A3E							135	A		Riyadh
RUS	MOROZOVSK	21670.000	10	11	1000	1015	20.0		ARS	BC	3K00	A3E	046	E	26	24	N	50	170	C		
F	RAMBOUILLET	21670.000	28	11	0900	1200	24.0	RADIO SAUDI	ARS													
KOR	CRMS	21690.000	12	10	0623	0623	25.4	AGM	USA	BC	15K0	A3E									3	
F	RAMBOUILLET	21690.000	28	11	1500	1600	38.0	RFI	F													
ROU	BELCIUGATELE	21695.000	17	10	1040	1100	56.6	Voice of America	PHL	BC	20K0	A3E							71	A		Tinang Chinese Language
ROU	BELCIUGATELE	21710.000	23	10	1133	1209	53.7	Mizzima Radio	UAE	BC	9K00	A3E							124	A		Al-Dhabbiya Burmese Language
RUS	BELGOROD	21725.000	10	11	0535	0537	37.1		USA	BC	7K20	A3E							66	C		
RUS	BELGOROD	21760.000	10	11	0537	0542	29.7		PHL	BC	10K2	A3E	120	E	30	15	N	20	85	B		
HNG	TARNOK	21760.005	09	11	0500	0600	20.9	VOA	PHL	BC	18K5	A3E										
HNG	TARNOK	21775.000	09	11	0730	0825	50.5				20K0	F0N									13	OTHR
F	RAMBOUILLET	21783.000	29	11	0800	1500	15.0															
HNG	TARNOK	21799.930	09	11	0506	1200	16.4	SOH	CHN	BC	10K1	A3E									3	
KOR	CRMS	21800.000	06	10	0055	0055	28.0		CHN	BC	14K6	A3E									6	
KOR	CRMS	21800.000	12	10	0623	0623	30.7	NEW	BUL	BC	10K4	A3E									3	
I	ROMA	21800.000	17	10	1042	1058	8.0			FX	3K00E	J2D							69	A		
G	BALDOCK	21800.000	21	10				SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E							66	B		TX FROM
KOR	CRMS	21800.000	01	11	0408	0408	23.4		CHN	BC	14K8	A3E									6	
RUS	NYAGAN	21800.000	10	11			26.0		CHN		4K21	A3E	110	E	23	20	N	48	122	A		
RUS	VERHNEYE DUBROVO	21800.000	10	11			24.0		CHN		4K21	A3E	110	E	23	20	N	48	114	A		
RUS	IRKUTSK	21800.000	10	11	0400	1000	30.0		CHN	BC		A3E	109	E	18	22	N	34	171	A		
RUS	BELGOROD	21800.000	10	11	0542	0545	31.2		CHN	BC	9K60	A3E	108	E	48	18	N	56	91	B		
RUS	SAMARA	21800.000	10	11	0700	0800	30.0		CHN	BC	10K0	A3E	110	E	21	33	N	07	90	A		
RUS	ARKHANGELSK	21800.000	10	11	0810	0820	26.0		CHN	BC	2K97	A3E							86	B		
F	RAMBOUILLET	21800.000	29	11	0700	1400	24.0	SOH	CHN													
KOR	CRMS	21800.000	01	12	0110	0110	34.0		CHN	BC	14K3	A3E									6	
I	ROMA	21853.000	17	10	1043		4.0		RUS	FX	2K70E	J3E							71	A		USB
HNG	TARNOK	21857.500	09	11	0600	0640	15.7				20K0	G1D										
I	ROMA	21866.000	17	10	1054	1054	20.0	FC1FEM		FX	3K00E	J2D							300	A		MIL 188-141 ALE
I	ROMA	21866.000	17	10	1103	1103	1.0	FR2FEM		FX	3K00E	J2D							299	A		MIL 188-141 ALE
I	ROMA	21866.000	17	10	1106	1106	1.0	FM3FEM		FX	3K00E	J2D							300	A		MIL 188-141 ALE
I	ROMA	21866.000	17	10	1128	1128	2.0	FR3FEM		FX	3K00E	J2D							300	A		MIL 188-141 ALE
I	ROMA	21866.000	17	10	1138	1138	1.0	FCSFEM5		FX	3K00E	J2D							300	A		MIL 188-141 ALE

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	21869.000	28	11	0754														188	D		
J	TOKYO	21901.000	28	11	0756														188	D		
I	ROMA	21911.000	17	10	1040		15.0	RADAR		FX	10K0E	P0N							67	B		
I	ROMA	21912.000	17	10	1123	1124	21.0	RADAR		FX	15K0E	P0N										
J	TOKYO	21928.000	03	10	1004			GUAM		FA		J2D										
J	TOKYO	21928.000	11	10	0751			GUAM		FA		J2D										
J	TOKYO	21928.000	17	10	0601			GUAM		FA		J2D										
I	ROMA	21928.000	17	10	1042		4.0	016 AGANA GUAM	USA	MA	3K00E	J2D										HFDL
J	TOKYO	21928.000	24	10	0419			GUAM		FA		J2D										
J	TOKYO	21928.000	07	11	0140			GUAM		FA		J2D										TAIWAN
J	TOKYO	21928.000	13	11	2349			GUAM		FA		J2D										
J	TOKYO	21928.000	21	11	1009			GUAM		FA		J2D										
J	TOKYO	21928.000	28	11	0758			GUAM		FA		J2D										
I	ROMA	21928.000	28	11	1055		8.0	016 AGANA	USA	MA	3K00E	J2D										HFDL
J	TOKYO	21928.000	05	12	0613			GUAM		FA		J2D										
J	TOKYO	21928.000	12	12	0418			GUAM		FA		J2D										
J	TOKYO	21928.000	19	12	0143			GUAM		FA		J2D										
J	TOKYO	21928.000	24	12	2349			GUAM		FA		J2D										
J	TOKYO	21931.000	11	10	0753			MUAN		FA		J2D										
J	TOKYO	21931.000	17	10	0602			MUAN		FA		J2D										
I	ROMA	21931.000	17	10	1049		8.0	010 MUAN	KOR	MA	3K00E	J2D										HFDL
J	TOKYO	21931.000	24	10	0423			MUAN		FA		J2D										
J	TOKYO	21931.000	07	11	0141			MUAN		FA		J2D										
J	TOKYO	21931.000	21	11	1011			GUAM		FA		J2D										
J	TOKYO	21931.000	28	11	0758			MUAN		FA		J2D										
I	ROMA	21931.000	28	11	1100		2.0	010 MUAN	KOR	MA	3K00E	J2D										HFDL
J	TOKYO	21931.000	05	12	0614			MUAN		FA		J2D										
J	TOKYO	21931.000	12	12	0426			MUAN		FA		J2D										
J	TOKYO	21931.000	19	12	0144			MUAN		FA		J2D										
J	TOKYO	21934.000	13	11	2351			SANFRANCISCO		FA		J2D										
J	TOKYO	21934.000	24	12	2354			SANFRANCISCO		FA		J2D										
J	TOKYO	21937.000	11	10	0754			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	17	10	0638			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	25	12	0000			MOLOKAI		FA		J2D										
J	TOKYO	21949.000	24	10	0426			HAT YAI		FA		J2D										
J	TOKYO	21949.000	07	11	0143			HAT YAI		FA		J2D										
J	TOKYO	21949.000	12	12	0428			HAT YAI		FA		J2D										
J	TOKYO	21949.000	19	12	0145			HAT YAI		FA		J2D										
I	ROMA	21955.000	17	10	1045		28.0	017 TELDE	E	MA	3K00E	J2D										HFDL

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	21955.000	22	10				ACARS (TELDE (17) GRAN CANARIA)	E	FG		J1D							210	B		HF
I	ROMA	21955.000	28	11	1050		18.0	017 TELDE CH01	E	MA	3K00E	J2D							246	A		HFDL
I	ROMA	21967.000	17	10	1127	1129	21.0	IBERIA COMPANY	E	FA	2K70E	J3E							268	A		
I	ROMA	21967.000	17	10	1127	1129	12.0	IBERIA 6659	E	MA	2K70E	J3E							267	A		
I	ROMA	21997.000	17	10	1133		4.0	013 SANTA CRUZ	BOL	MA	3K00E	J2D										HFDL
I	ROMA	21997.000	19	10	1048		3.0	013 SANTA CRUZ	BOL	MA	3K00E	J2D										HFDL
I	ROMA	21997.000	28	11	1106		14.0	013 SANTA CRUZ	BOL	MA	3K00E	J2D							246	A		HFDL
J	TOKYO	22156.000	11	10	0758							F1B							337	C		
RUS	SAMARA	22225.000	14	11	1320	1400	5.0		G	BC	10K0	A3E	000	W	26	51	N	34	288	A		
F	RAMBOUILLET	22245.850	20	12	1600	1900	21.0				3K00E	J7B								A	9	
J	TOKYO	22300.020	11	10	0802														308	C		
HNG	TARNOK	22305.000	13	11	0805	0845	35.1				20K0E	F0N										OTHR
HNG	TARNOK	22334.000	13	11	1205	1220	43.4				20K0E	F0N										OTHR
J	TOKYO	22375.990	07	11	0150							F1B										TAIWAN
J	TOKYO	22376.000	24	10	0434				USA			F1B	144	E	37	13	N	48	170	B		GUM
G	BALDOCK	22392.000	22	10				RDL (MURMANSK)	RUS	FC	290HE	F1B							32	B		MURMANSK
G	BALDOCK	22413.000	22	10					RUS	FC	290HE	F1B							65	B		
F	RAMBOUILLET	22413.000	28	11	0800	1500	16.0															
J	TOKYO	22413.000	28	11	0803							F1B										
RUS	BELGOROD	22448.790	15	11	0728	0730	2.3		DJI		2K80	J2D	043	E	04	11	N	30	170	B		
G	BALDOCK	22448.800	21	10					GRC	FX	3K00E	G1D							124	B		STANAG 4285 - 2400
RUS	SMOLENSK	22449.000	15	11	0430	0530	5.0		DJI	FC	2K99	G1D	042	E	45	11	N	17	116	B		
RUS	SMOLENSK	22449.000	15	11	0700	0800	1.0		ETH	FC	4K00	J2D	042	E	01	07	N	10	164	B		
J	TOKYO	22462.700	05	12	0623														152	D		
RUS	S. PETERSBURG	22463.500	16	11	0720	0726	28.0		MNE	FX	3K49	G1D	019	E	10	43	N	05	206	B		
F	RAMBOUILLET	22470.000	28	11	1348	1405	45.0															
RUS	S. PETERSBURG	22471.000	16	11	0845	0850	23.0		G	FX		F1B	072	E	15	06	S	48	137	B		
J	TOKYO	22526.000	11	10	0806							F1B										
G	BALDOCK	22526.000	22	10				RDL (SEVASTOPOL)	RUS	FC	290HE	F1B							96	B		F1B + 5-UNIT
J	TOKYO	22566.700	28	11	0806														207	D		
J	TOKYO	22569.900	11	10	0808				AUS				143	E	13	25	S	16	176	B		
RUS	S. PETERSBURG	22684.500	17	11	1000	1010	8.0		F	FX	3K42	G1D							241	B		
F	RAMBOUILLET	22685.000	30	11	1500	1600	30.0															
G	BALDOCK	22864.000	22	10					RUS	FC	290HE	F1B							65	B		F1B + 5-UNIT
G	BALDOCK	22874.000	21	10					CYP	LR	25K0E	P0N							112	B		CYPRUS
G	BALDOCK	22910.000	21	10					CYP	FX	1K10E	F1B							112	B		850 SHIFT 50
J	TOKYO	22910.000	24	10	0441				USA			F1B	155	W	46	19	N	37	88	B		HWA
RUS	S. PETERSBURG	22910.000	20	11	1036	1045	20.0		G	FX	1K20	F1B	072	E	28	06	S	36	136	B		
J	TOKYO	22910.000	28	11	0812							F1B							251	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	22910.000	12	12	0433				G			F1B	072	E	32	07	S	28	250	B		DGA
J	TOKYO	22936.000	25	12	0005				RUS			F1B	137	E	25	49	N	25	352	A		
J	TOKYO	22991.330	11	10	0812				CHN				117	E	21	40	N	27	292	B		
HNG	TARNOK	23030.000	17	11	1230	1245	16.5				2K70E	J3E										USB
J	TOKYO	23198.600	24	10	0449				KRE			J2D	127	E	13	39	N	37	294	B		
RUS	BELGOROD	23209.760	21	11	1138	1145	0.8		EGY		2K80	G1D	030	E	16	31	N	15	196	B		
J	TOKYO	23344.000	28	11	0820				CHN				112	E	55	34	N	33	276	B		
J	TOKYO	23589.800	24	10	0456				RUS			J2D	131	E	25	43	N	05	320	B		
HNG	TARNOK	23630.013	19	11	1530	1612	13.1			BC	8K99	A3E									11	
G	BALDOCK	23894.000	22	10					CYP	LR	25K0E	P0N							114	A		CYPRUS
J	TOKYO	23901.100	28	11	0828														208	D		
J	TOKYO	23904.700	28	11	0830														208	D		
J	TOKYO	23904.800	24	10	0501				AUS			J2D	146	E	38	37	S	24	175	B		
HNG	TARNOK	24070.000	21	11	0812	0940	54.4				20K0E	F0N										OTHR
J	TOKYO	24105.600	24	10	0510							J2D										
J	TOKYO	24125.000	28	11	0837														189	D		
RUS	S. PETERSBURG	24650.000	01	12	1015	1040	42.0		CYP	FX		P0N	032	E	18	35	N	07	175			
RUS	MOROZOVSK	24890.000	04	12	0830	0845	19.0		F	FX	1K00	A1A	003	E	34	45	N	58	279	C		
RUS	NYAGAN	24915.200	04	12	1109	1110	36.0	IU3MAG	I	AT	50H0	F1B	013	E	00	45	N	30	265	A		
RUS	VERHNEYE DUBROVO	24915.200	04	12	1109	1110	36.0	IU3MAG	I	AT	50H0	F1B	013	E	00	45	N	30	270	A		
RUS	VERHNEYE DUBROVO	24915.200	04	12	1132	1133	4.0	IU8BPS	I	AT	52H0	F1B	015	E	00	40	N	30	286	A		
RUS	NYAGAN	24915.200	04	12	1132	1133	4.0	IU8BPS	I	AT	52H0	F1B	015	E	00	40	N	30	258	A		
RUS	NYAGAN	24915.300	04	12	1052	1053	26.0	OH1NHX	FIN	AT	51H0	F1B	021	E	00	61	N	30	288	A		
RUS	VERHNEYE DUBROVO	24915.300	04	12	1052	1053	26.0	OH1NHX	FIN	AT	51H0	F1B	021	E	00	61	N	30	300	A		
RUS	NYAGAN	24915.300	04	12	1103	1104	15.0	PD1WO	HOL	AT	50H0	F1B	005	E	00	51	N	30	280	A		
RUS	VERHNEYE DUBROVO	24915.300	04	12	1103	1104	15.0	PD1WO	HOL	AT	50H0	F1B	005	E	00	51	N	30	285	A		
RUS	NYAGAN	24915.300	04	12	1108	1109	31.0	J12SVL	J	AT	52H0	F1B	139	E	00	35	N	30	85	A		
RUS	VERHNEYE DUBROVO	24915.300	04	12	1108	1109	31.0	J12SVL	J	AT	52H0	F1B	139	E	00	35	N	30	78	A		
RUS	NYAGAN	24915.400	04	12	1125	1126	40.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	276	A		
RUS	VERHNEYE DUBROVO	24915.400	04	12	1125	1126	40.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	281	A		
RUS	NYAGAN	24915.400	04	12	1144	1145	34.0	DL4MM	D	AT	50H0	F1B	013	E	00	51	N	30	274	A		
RUS	VERHNEYE DUBROVO	24915.400	04	12	1144	1145	32.0	DL4MM	D	AT	50H0	F1B	013	E	00	51	N	30	280	A		
RUS	NYAGAN	24915.500	04	12	1053	1054	15.0	HF1MM	POL	AT	52H0	F1B	015	E	00	53	N	30	275	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1053	1054	15.0	HF1MM	POL	AT	52H0	F1B	015	E	00	53	N	30	283	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1054	1055	22.0	IK4LZH	I	AT	51H0	F1B	011	E	00	44	N	30	270	A		
RUS	NYAGAN	24915.500	04	12	1054	1055	22.0	IK4LZH	I	AT	51H0	F1B	011	E	00	44	N	30	266	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1107	1108	8.0	IZ0MEA	I	AT	51H0	F1B	013	E	00	42	N	30	266	A		
RUS	NYAGAN	24915.500	04	12	1107	1108	8.0	IZ0MEA	I	AT	51H0	F1B	013	E	00	42	N	30	262	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1109	1110	29.0	OE3FVU	AUT	AT	51H0	F1B	015	E	00	48	N	30	273	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	NYAGAN	24915.500	04	12	1109	1110	29.0	OE3FVU	AUT	AT	51H0	F1B	015	E	00	48	N	30	267	A		
RUS	NYAGAN	24915.500	04	12	1118	1119	31.0	JG3LGD	J	AT	51H0	F1B	135	E	00	34	N	30	89	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1118	1119	32.0	JG3LGD	J	AT	51H0	F1B	135	E	00	34	N	30	82	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1126	1127	31.0	S58MU	SVN	AT	51H0	F1B	015	E	00	46	N	30	270	A		
RUS	NYAGAN	24915.500	04	12	1126	1127	34.0	S58MU	SVN	AT	51H0	F1B	015	E	00	46	N	30	265	A		
RUS	NYAGAN	24915.500	04	12	1129	1130	15.0	2E0YDT	G	AT	52H0	F1B	001	W	00	54	N	30	287	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1129	1130	15.0	2E0YDT	G	AT	52H0	F1B	001	W	00	54	N	30	292	A		
RUS	VERHNEYE DUBROVO	24915.500	04	12	1207	1208	26.0	JA9GLW	J	AT	50H0	F1B	137	E	00	36	N	30	78	A		
RUS	NYAGAN	24915.500	04	12	1207	1208	26.0	JA9GLW	J	AT	50H0	F1B	137	E	00	36	N	30	86	A		
RUS	NYAGAN	24915.600	04	12	1112	1113	11.0	BH2UEZ	CHN	AT	50H0	F1B	121	E	00	38	N	30	99	A		
RUS	VERHNEYE DUBROVO	24915.600	04	12	1112	1113	11.0	BH2UEZ	CHN	AT	50H0	F1B	121	E	00	38	N	30	89	A		
RUS	NYAGAN	24915.700	04	12	1133	1134	19.0	IU2EBR	I	AT	51H0	F1B	011	E	00	45	N	30	267	A		
RUS	VERHNEYE DUBROVO	24915.700	04	12	1133	1134	19.0	IU2EBR	I	AT	51H0	F1B	011	E	00	45	N	30	286	A		
RUS	VERHNEYE DUBROVO	24915.800	04	12	1113	1114	4.0	SV5AZP	GRC	AT	50H0	F1B	029	E	00	36	N	30	241	A		
RUS	NYAGAN	24915.800	04	12	1113	1114	4.0	SV5AZP	GRC	AT	50H0	F1B	029	E	00	36	N	30	238	A		
RUS	VERHNEYE DUBROVO	24915.900	04	12	1044	1045	26.0	BD0BK	CHN	AT	50H0	F1B	087	E	00	43	N	30	118	A		
RUS	NYAGAN	24915.900	04	12	1044	1045	26.0	BD0BK	CHN	AT	50H0	F1B	087	E	00	43	N	30	136	A		
RUS	VERHNEYE DUBROVO	24915.900	04	12	1045	1046	8.0	BG4UVR	CHN	AT	52H0	F1B	121	E	00	31	N	30	96	A		
RUS	NYAGAN	24915.900	04	12	1045	1046	8.0	BG4UVR	CHN	AT	52H0	F1B	121	E	00	31	N	30	104	A		
RUS	VERHNEYE DUBROVO	24915.900	04	12	1103	1104	26.0	IK0MHW	I	AT	51H0	F1B	013	E	00	41	N	30	265	A		
RUS	NYAGAN	24915.900	04	12	1103	1104	26.0	IK0MHW	I	AT	51H0	F1B	013	E	00	41	N	30	261	A		
RUS	VERHNEYE DUBROVO	24915.900	04	12	1128	1129	19.0	JG3UCV	J	AT	52H0	F1B	137	E	00	35	N	30	79	A		
RUS	NYAGAN	24915.900	04	12	1128	1129	19.0	JG3UCV	J	AT	52H0	F1B	137	E	00	35	N	30	87	A		
RUS	VERHNEYE DUBROVO	24916.000	04	12	1046	1047	19.0	EW3SS	BLR	AT	52H0	F1B	023	E	00	52	N	30	275	A		
RUS	NYAGAN	24916.000	04	12	1046	1047	19.0	EW3SS	BLR	AT	52H0	F1B	023	E	00	52	N	30	266	A		
RUS	NYAGAN	24916.000	04	12	1052	1053	15.0	SV3SPD	GRC	AT	50H0	F1B	021	E	00	38	N	30	250	A		
RUS	VERHNEYE DUBROVO	24916.000	04	12	1052	1053	15.0	SV3SPD	GRC	AT	50H0	F1B	021	E	00	38	N	30	253	A		
RUS	NYAGAN	24916.000	04	12	1114	1115	22.0	JP1LRT	J	AT	51H0	F1B	139	E	00	35	N	30	85	A		
RUS	VERHNEYE DUBROVO	24916.000	04	12	1114	1115	22.0	JP1LRT	J	AT	51H0	F1B	139	E	00	35	N	30	78	A		
RUS	NYAGAN	24916.000	04	12	1132	1133	1.0	OH3EYR	FIN	AT	51H0	F1B	025	E	00	60	N	30	283	A		
RUS	VERHNEYE DUBROVO	24916.000	04	12	1132	1133	1.0	OH3EYR	FIN	AT	51H0	F1B	025	E	00	60	N	30	296	A		
RUS	VERHNEYE DUBROVO	24916.000	04	12	1145	1146	33.0	A41DX	OMA	AT	51H0	F1B	059	E	00	23	N	30	184	A		
RUS	NYAGAN	24916.000	04	12	1145	1146	33.0	A41DX	OMA	AT	51H0	F1B	059	E	00	23	N	30	189	A		
RUS	NYAGAN	24916.100	04	12	1135	1136	26.0	F5SYC	F	AT	51H0	F1B	003	E	00	50	N	30	280	A		
RUS	VERHNEYE DUBROVO	24916.100	04	12	1135	1136	26.0	F5SYC	F	AT	51H0	F1B	003	E	00	50	N	30	286	A		
RUS	VERHNEYE DUBROVO	24916.200	04	12	1045	1046	19.0	SV1ONU	GRC	AT	52H0	F1B	023	E	00	38	N	30	250	A		
RUS	NYAGAN	24916.200	04	12	1045	1046	19.0	SV1ONU	GRC	AT	52H0	F1B	023	E	00	38	N	30	247	A		
RUS	NYAGAN	24916.300	04	12	1142	1143	11.0	JA9CZJ	J	AT	52H0	F1B	137	E	00	36	N	30	86	A		
RUS	VERHNEYE DUBROVO	24916.300	04	12	1142	1143	11.0	JA9CZJ	J	AT	52H0	F1B	137	E	00	36	N	30	78	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	NYAGAN	24916.300	04	12	1210	1211	40.0	JA1XGI	J	AT	50H0	F1B	139	E	00	35	N	30	85	A		
RUS	VERHNEYE DUBROVO	24916.300	04	12	1210	1211	40.0	JA1XGI	J	AT	50H0	F1B	139	E	00	35	N	30	78	A		
RUS	NYAGAN	24916.400	04	12	1043	1044	26.0	SV2FNT	GRC	AT	50H0	F1B	021	E	00	40	N	30	252	A		
RUS	VERHNEYE DUBROVO	24916.400	04	12	1043	1044	26.0	SV2FNT	GRC	AT	50H0	F1B	021	E	00	40	N	30	255	A		
RUS	VERHNEYE DUBROVO	24916.400	04	12	1117	1118	29.0	DL3MIB	D	AT	51H0	F1B	011	E	00	47	N	30	275	A		
RUS	NYAGAN	24916.400	04	12	1117	1118	29.0	DL3MIB	D	AT	51H0	F1B	011	E	00	47	N	30	270	A		
RUS	VERHNEYE DUBROVO	24916.500	04	12	1043	1044	22.0	UN7IN	KAZ	AT	51H0	F1B	057	E	00	50	N	30	204	A		
RUS	NYAGAN	24916.500	04	12	1043	1044	22.0	UN7IN	KAZ	AT	51H0	F1B	057	E	00	50	N	30	205	A		
RUS	VERHNEYE DUBROVO	24916.500	04	12	1046	1047	33.0	UN7PAK	KAZ	AT	50H0	F1B	073	E	00	50	N	30	127	A		
RUS	NYAGAN	24916.500	04	12	1046	1047	33.0	UN7PAK	KAZ	AT	50H0	F1B	073	E	00	50	N	30	157	A		
RUS	VERHNEYE DUBROVO	24916.500	04	12	1059	1100	22.0	BH1HWF	CHN	AT	51H0	F1B	117	E	00	40	N	30	90	A		
RUS	NYAGAN	24916.500	04	12	1059	1100	22.0	BH1HWF	CHN	AT	51H0	F1B	117	E	00	40	N	30	101	A		
RUS	VERHNEYE DUBROVO	24916.500	04	12	1112	1113	31.0	SQ7RN	POL	AT	51H0	F1B	021	E	00	50	N	30	272	A		
RUS	NYAGAN	24916.500	04	12	1112	1113	37.0	SQ7RN	POL	AT	51H0	F1B	021	E	00	50	N	30	265	A		
RUS	VERHNEYE DUBROVO	24916.600	04	12	1110	1111	19.0	F1PPH	F	AT	51H0	F1B	001	E	00	47	N	30	282	A		
RUS	NYAGAN	24916.600	04	12	1110	1111	19.0	F1PPH	F	AT	51H0	F1B	001	E	00	47	N	30	278	A		
RUS	NYAGAN	24916.600	04	12	1113	1114	22.0	SM3VOX	S	AT	51H0	F1B	017	E	00	60	N	30	288	A		
RUS	VERHNEYE DUBROVO	24916.600	04	12	1113	1114	22.0	SM3VOX	S	AT	51H0	F1B	017	E	00	60	N	30	298	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1012	1013	40.0	BH6JDR	CHN	AT	51H0	F1B	113	E	00	34	N	30	100	A		
RUS	NYAGAN	24916.700	04	12	1012	1013	40.0	BH6JDR	CHN	AT	51H0	F1B	113	E	00	34	N	30	110	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1014	1015	47.0	JS6TWW	J	AT	52H0	F1B	131	E	00	25	N	30	92	A		
RUS	NYAGAN	24916.700	04	12	1014	1015	47.0	JS6TWW	J	AT	52H0	F1B	131	E	00	25	N	30	99	A		
RUS	NYAGAN	24916.700	04	12	1046	1047	8.0	YO8XCM	ROU	AT	50H0	F1B	027	E	00	47	N	30	254	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1046	1047	8.0	YO8XCM	ROU	AT	50H0	F1B	027	E	00	47	N	30	261	A		
RUS	NYAGAN	24916.700	04	12	1054	1055	8.0	LY3TG	LTU	AT	50H0	F1B	021	E	00	55	N	30	274	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1054	1055	8.0	LY3TG	LTU	AT	50H0	F1B	021	E	00	55	N	30	284	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1057	1058	8.0	OH1MP	FIN	AT	50H0	F1B	021	E	00	61	N	30	300	A		
RUS	NYAGAN	24916.700	04	12	1057	1058	8.0	OH1MP	FIN	AT	50H0	F1B	021	E	00	61	N	30	288	A		
RUS	NYAGAN	24916.700	04	12	1102	1103	19.0	9A7PBV	HRV	AT	51H0	F1B	017	E	00	45	N	30	262	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1102	1103	19.0	9A7PBV	HRV	AT	51H0	F1B	017	E	00	45	N	30	267	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1102	1103	32.0	UN7JMK	KAZ	AT	50H0	F1B	083	E	00	49	N	30	110	A		
RUS	NYAGAN	24916.700	04	12	1102	1103	34.0	UN7JMK	KAZ	AT	50H0	F1B	083	E	00	49	N	30	134	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1124	1125	8.0	ON4QX	BEL	AT	50H0	F1B	005	E	00	50	N	30	284	A		
RUS	NYAGAN	24916.700	04	12	1124	1125	8.0	ON4QX	BEL	AT	50H0	F1B	005	E	00	50	N	30	279	A		
RUS	NYAGAN	24916.700	04	12	1147	1148	26.0	9A6OY	HRV	AT	50H0	F1B	017	E	00	43	N	30	259	A		
RUS	VERHNEYE DUBROVO	24916.700	04	12	1147	1148	26.0	9A6OY	HRV	AT	50H0	F1B	017	E	00	43	N	30	264	A		
RUS	VERHNEYE DUBROVO	24916.800	04	12	1048	1049	29.0	OH8AV	FIN	AT	52H0	F1B	025	E	00	65	N	30	312	A		
RUS	NYAGAN	24916.800	04	12	1048	1049	29.0	OH8AV	FIN	AT	52H0	F1B	025	E	00	65	N	30	299	A		
RUS	NYAGAN	24916.800	04	12	1050	1051	37.0	LY2AE	LTU	AT	52H0	F1B	025	E	00	54	N	30	268	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	VERHNEYE DUBROVO	24916.800	04	12	1050	1051	33.0	LY2AE	LTU	AT	52H0	F1B	025	E	00	54	N	30	279	A		
RUS	VERHNEYE DUBROVO	24916.800	04	12	1124	1125	32.0	JF3SAS	J	AT	52H0	F1B	135	E	00	34	N	30	82	A		
RUS	NYAGAN	24916.800	04	12	1124	1125	34.0	JF3SAS	J	AT	52H0	F1B	135	E	00	34	N	30	89	A		
RUS	VERHNEYE DUBROVO	24916.800	04	12	1159	1200	26.0	JG1FMA	J	AT	50H0	F1B	139	E	00	35	N	30	78	A		
RUS	NYAGAN	24916.800	04	12	1159	1200	26.0	JG1FMA	J	AT	50H0	F1B	139	E	00	35	N	30	85	A		
RUS	NYAGAN	24917.000	04	12	1104	1105	15.0	DL5GAC	D	AT	50H0	F1B	009	E	00	47	N	30	271	A		
RUS	VERHNEYE DUBROVO	24917.000	04	12	1104	1105	15.0	DL5GAC	D	AT	50H0	F1B	009	E	00	47	N	30	276	A		
RUS	VERHNEYE DUBROVO	24917.000	04	12	1104	1105	26.0	EA5UB	E	AT	51H0	F1B	001	E	00	38	N	30	271	A		
RUS	NYAGAN	24917.000	04	12	1104	1105	26.0	EA5UB	E	AT	51H0	F1B	001	E	00	38	N	30	269	A		
RUS	NYAGAN	24917.100	04	12	1012	1013	36.0	JA3JND	J	AT	52H0	F1B	135	E	00	34	N	30	89	A		
RUS	VERHNEYE DUBROVO	24917.100	04	12	1012	1013	36.0	JA3JND	J	AT	52H0	F1B	135	E	00	34	N	30	82	A		
RUS	VERHNEYE DUBROVO	24917.100	04	12	1044	1045	32.0	OH2XO	FIN	AT	52H0	F1B	025	E	00	60	N	30	296	A		
RUS	NYAGAN	24917.100	04	12	1044	1045	31.0	OH2XO	FIN	AT	52H0	F1B	025	E	00	60	N	30	283	A		
RUS	VERHNEYE DUBROVO	24917.100	04	12	1051	1052	19.0	UN2PA	KAZ	AT	51H0	F1B	073	E	00	50	N	30	127	A		
RUS	NYAGAN	24917.100	04	12	1051	1052	19.0	UN2PA	KAZ	AT	51H0	F1B	073	E	00	50	N	30	157	A		
RUS	NYAGAN	24917.100	04	12	1058	1059	8.0	EA3EP	E	AT	50H0	F1B	003	E	00	41	N	30	270	A		
RUS	VERHNEYE DUBROVO	24917.100	04	12	1058	1059	8.0	EA3EP	E	AT	50H0	F1B	003	E	00	41	N	30	273	A		
RUS	NYAGAN	24917.100	04	12	1120	1121	33.0	F6CAM	F	AT	52H0	F1B	003	E	00	50	N	30	280	A		
RUS	VERHNEYE DUBROVO	24917.100	04	12	1120	1121	33.0	F6CAM	F	AT	52H0	F1B	003	E	00	50	N	30	285	A		
RUS	VERHNEYE DUBROVO	24917.100	04	12	1135	1136	19.0	MM0ABM	G	AT	52H0	F1B	005	W	00	55	N	30	286	A		
RUS	NYAGAN	24917.100	04	12	1135	1136	19.0	MM0ABM	G	AT	52H0	F1B	005	W	00	55	N	30	286	A		
RUS	VERHNEYE DUBROVO	24917.200	04	12	1051	1052	11.0	SP3T	POL	AT	51H0	F1B	017	E	00	52	N	30	279	A		
RUS	NYAGAN	24917.200	04	12	1051	1052	11.0	SP3T	POL	AT	51H0	F1B	017	E	00	52	N	30	272	A		
RUS	VERHNEYE DUBROVO	24917.200	04	12	1132	1133	26.0	DK3XX	D	AT	51H0	F1B	009	E	00	53	N	30	286	A		
RUS	NYAGAN	24917.200	04	12	1132	1133	26.0	DK3XX	D	AT	51H0	F1B	009	E	00	53	N	30	280	A		
RUS	VERHNEYE DUBROVO	24917.200	04	12	1132	1133	29.0	JR2HDU	J	AT	52H0	F1B	137	E	00	35	N	30	79	A		
RUS	NYAGAN	24917.200	04	12	1132	1133	29.0	JR2HDU	J	AT	52H0	F1B	137	E	00	35	N	30	87	A		
RUS	VERHNEYE DUBROVO	24917.200	04	12	1207	1208	33.0	SQ7EHA	POL	AT	50H0	F1B	021	E	00	51	N	30	275	A		
RUS	NYAGAN	24917.200	04	12	1207	1208	33.0	SQ7EHA	POL	AT	50H0	F1B	021	E	00	51	N	30	266	A		
RUS	NYAGAN	24917.300	04	12	1043	1044	26.0	8J3ZNJ	J	AT	50H0	F1B	135	E	00	34	N	30	89	A		
RUS	VERHNEYE DUBROVO	24917.300	04	12	1043	1044	26.0	8J3ZNJ	J	AT	50H0	F1B	135	E	00	34	N	30	82	A		
RUS	NYAGAN	24917.300	04	12	1046	1047	22.0	SV1EAG	GRC	AT	50H0	F1B	023	E	00	38	N	30	247	A		
RUS	VERHNEYE DUBROVO	24917.300	04	12	1046	1047	22.0	SV1EAG	GRC	AT	50H0	F1B	023	E	00	38	N	30	250	A		
RUS	NYAGAN	24917.400	04	12	1051	1052	40.0	HA0DR	HNG	AT	50H0	F1B	021	E	00	47	N	30	260	A		
RUS	VERHNEYE DUBROVO	24917.400	04	12	1051	1052	40.0	HA0DR	HNG	AT	50H0	F1B	021	E	00	47	N	30	266	A		
RUS	NYAGAN	24917.400	04	12	1055	1056	8.0	BH3APK	CHN	AT	51H0	F1B	117	E	00	38	N	30	103	A		
RUS	VERHNEYE DUBROVO	24917.400	04	12	1055	1056	8.0	BH3APK	CHN	AT	51H0	F1B	117	E	00	38	N	30	92	A		
RUS	VERHNEYE DUBROVO	24917.400	04	12	1101	1102	32.0	JG8DSR	J	AT	51H0	F1B	141	E	00	42	N	30	70	A		
RUS	NYAGAN	24917.400	04	12	1101	1102	37.0	JG8DSR	J	AT	51H0	F1B	141	E	00	42	N	30	78	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	NYAGAN	24917.400	04	12	1136	1137	34.0	EW4M	BLR	AT	51H0	F1B	025	E	00	53	N	30	266	A		
RUS	VERHNEYE DUBROVO	24917.400	04	12	1136	1137	31.0	EW4M	BLR	AT	51H0	F1B	025	E	00	53	N	30	276	A		
RUS	VERHNEYE DUBROVO	24917.400	04	12	1159	1200	40.0	JA4NIJ	J	AT	51H0	F1B	133	E	00	34	N	30	83	A		
RUS	NYAGAN	24917.400	04	12	1159	1200	40.0	JA4NIJ	J	AT	51H0	F1B	133	E	00	34	N	30	91	A		
RUS	VERHNEYE DUBROVO	24917.500	04	12	1153	1154	44.0	JH5QYZ	J	AT	50H0	F1B	133	E	00	33	N	30	84	A		
RUS	NYAGAN	24917.500	04	12	1153	1154	34.0	JH5QYZ	J	AT	50H0	F1B	133	E	00	33	N	30	92	A		
RUS	NYAGAN	24917.500	04	12	1202	1203	22.0	ZR1ADI	AFS	AT	50H0	F1B	019	E	00	35	S	30	249	A		
RUS	VERHNEYE DUBROVO	24917.500	04	12	1202	1203	22.0	ZR1ADI	AFS	AT	50H0	F1B	019	E	00	35	S	30	251	A		
RUS	VERHNEYE DUBROVO	24917.700	04	12	1126	1127	31.0	JR2UBS	J	AT	51H0	F1B	137	E	00	35	N	30	79	A		
RUS	NYAGAN	24917.700	04	12	1126	1127	31.0	JR2UBS	J	AT	51H0	F1B	137	E	00	35	N	30	87	A		
RUS	NYAGAN	24917.800	04	12	1159	1200	38.0	JP1QDH	J	AT	50H0	F1B	139	E	00	35	N	30	85	A		
RUS	VERHNEYE DUBROVO	24917.800	04	12	1159	1200	32.0	JP1QDH	J	AT	50H0	F1B	139	E	00	35	N	30	78	A		
RUS	VERHNEYE DUBROVO	24917.900	04	12	1117	1118	36.0	SP5MXZ	POL	AT	51H0	F1B	021	E	00	53	N	30	279	A		
RUS	NYAGAN	24917.900	04	12	1117	1118	36.0	SP5MXZ	POL	AT	51H0	F1B	021	E	00	53	N	30	270	A		
G	BALDOCK	24930.000	12	11				ZS6DN (PRETORIA)	AFS	LR	100HE	A1A							154	A		RADIO AMATEUR
G	BALDOCK	24930.000	12	11				LU4AA (BUENOS AIRES)	ARG	LR	100HE	A1A							225	A		RADIO AMATEUR
G	BALDOCK	24930.000	12	11				VK6BRP (ROLYSTONE)	AUS	LR	100HE	A1A							92	A		RADIO AMATEUR
G	BALDOCK	24930.000	12	11				OH2B (LOHJA)	FIN	LR	100HE	A1A							49	A		RADIO AMATEUR
G	BALDOCK	24930.000	12	11				4U1UN (NEW YORK)	USA	LR	100HE	A1A										RADIO AMATEUR
J	TOKYO	25000.000	14	11	0022			WWV		SS		AXW										
J	TOKYO	25000.000	25	12	0024			WWV		SS		AXW	103	W	19	38	N	04	45	B		
G	BALDOCK	25037.000	22	10					RUS	LR	25K0E	P0N							69	B		
RUS	MOROZOVSK	25174.500	05	12	0845	0900	12.0		CHN	FX	4K00	F7B	113	E	53	22	N	34	89	C		
F	RAMBOUILLET	25180.000	06	12	0730	0900	36.0				25K0E	PXX								A	9	
HNG	TARNOK	25550.000	29	11	1243	1336	63.4				20K0E	F0N										OTHR
G	BALDOCK	25826.000	31	10					AUS		30K0E	P0N							70	A		
F	RAMBOUILLET	25830.000	01	12	1348	1405	18.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	25840.000	01	12	1022	1040	25.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	25850.000	01	12	0955	1009	20.0				20K0E	PXX								A	9	OTHR
HNG	TARNOK	25891.000	03	12	1200	1230	52.4	BBC	MDG	BC	10K0E	A3E										
HNG	TARNOK	25899.999	02	12	1445	1539	39.1				20K0E	F0N										OTHR
F	RAMBOUILLET	25900.000	04	12	1200	1500	30.0	TALATA VOLONDY			10K0E	A3EG								A	3	
HNG	TARNOK	26855.000	06	12	1330	1426	82.0	VOICE OF TURKEY	TUR	BC	9K87	A3E										
J	TOKYO	27094.600	14	11	0042				KRE			J2D	126	E	41	38	N	55	291	B		
J	TOKYO	27094.900	25	12	0037				AUS			J2D	120	E	54	24	S	15	200	B		
HNG	TARNOK	27520.000	08	12	2000	2100	12.9	RADIO FEDA	MDG	BC	11K9	A3E									3	WCB
HNG	TARNOK	27580.000	09	12	1023	1033	33.2				2K70	J3E										USB
HNG	TARNOK	27585.000	09	12	0946	1003	17.2				2K80	J3E										LSB
HNG	TARNOK	27620.000	09	12	0937	0950	20.5				2K70E	J3E										USB