



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°: **383**

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: **01.07.24 - 30.09.24**

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: **05.11.24**

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
INS	MSKH-KUPANG	3055.000	12	08	1135	1137	16.2		INS	FX		A2A										
G	BALDOCK	3123.400	11	07						FX	3K00E	A3A							150	A		
INS	MSKH-KUPANG	3135.000	12	08	1137	1140	15.2		INS	FX		A2A										
G	BALDOCK	3162.000	26	09						FX	100HE	A1A							178	C		
G	BALDOCK	3180.000	24	09					RUS	FX	300HE	F1B							69	B		
I	ROMA	3192.500	19	07	0617		31.0			FX	3K00E	J2D							158	A		LINK 11
J	TOKYO	3204.950	09	07	1001				KRE			J2B	127	E	14	39	N	04	292	B		
J	TOKYO	3205.000	27	08	1003				KRE	BC		D7W	125	E	38	40	N	30	297	B		
G	BALDOCK	3248.000	08	07					D	FX	3K00E	G1D							71	A		
G	BALDOCK	3249.000	11	07					HOL	FX	3K00E	G1D							72	A		
G	BALDOCK	3249.000	16	09					D	FX	3K00E	G1D							45	B		
INS	MSCK-TANGERANG	3250.000	04	07	0855	0857	44.3		KOR	BC	9K00E	A3E										KCBS PYONGYANG
J	TOKYO	3250.000	09	07	1003				KRE	BC		A3E	125	E	51	38	N	59	291	B		
J	TOKYO	3250.000	27	08	1006			KOREAN CENTRAL B.S.		BC		A3E							296	D	11	
G	BALDOCK	3251.000	16	09					S	FX	3K00E	G1D							39	B		
INS	MSKH-KUPANG	3324.000	12	08	1140	1142	14.3		INS	FX		A2A										
INS	MSKH-KUPANG	3325.000	23	08	1000	1013	62.8		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	3325.000	11	09	1025	1035	60.7		INS	BC	9K00E	A3E							318	A		
G	BALDOCK	3413.000	08	07				SHANNON VOLMET	IRL	AL	3K00E	J3E							280	A		
I	ROMA	3413.000	23	07	1912	2200	13.0	SHANNON VOLMET	IRL	FA	2K70E	J3E										VOLMET
G	BALDOCK	3413.000	19	09				SHANNON VOLMET	IRL	AL	2K80E	H3E							282	A		
I	ROMA	3450.000	23	07	1937	2200	22.0	INTRUDERS LSB			2K70E	J3E									3	MUSIC
INS	MSCK-TANGERANG	3480.000	02	07	0843	0845	45.9	VOICE OF THE PEOPLE	KOR	BC	9K00E	A3E										
J	TOKYO	3480.010	27	08	1013			V.O.PEOPLE		BC		A3E							283	D	11	
J	TOKYO	3585.000	27	08	1018			HLL2				F3C							282	D		
INS	MSCK-TANGERANG	3650.000	01	07	0940	0941	10.2	Radio Communication	INS	MS	2K70E	J3E										
G	BALDOCK	3805.775	06	07					D	FX	3K00E	G1D							67	A		
G	BALDOCK	3818.500	06	07					NOR	FX	3K00E	G1D							23	A		
INS	MSCK-TANGERANG	3900.000	12	07	1055	1057	44.1		CHN	BC	9K00E	A3E										HULUNBEI'ER ZONGH
J	TOKYO	3909.650	09	07	1008				KRE			J2B	125	E	45	38	N	04	286	B		
INS	MSCK-TANGERANG	3910.000	12	07	1101	1103	45.9		KOR	BC	9K00E	A3E										VOICE OF THE PEOPLE
INS	MSCK-TANGERANG	3920.000	12	07	1105	1107	50.1		KOR	BC	9K00E	A3E										KCBS PYONGYANG
J	TOKYO	3929.950	09	07	1014				KRE			J2B	125	E	36	38	N	39	289	B		
INS	MSCK-TANGERANG	3930.000	12	07	1110	1112	55.0		KOR	BC	9K00E	A3E										VOICE OF THE PEOPLE
INS	MSCK-TANGERANG	3930.000	16	07	1108	1110	50.7		KOR	BC	9K00E	A3E										VOICE OF THE PEOPLE
F	RAMBOUILLET	3955.000	10	07	0600	0845	20.0	RADIO CHANNEL 292			10K0	A3EG -								A		
J	TOKYO	3984.800	09	07	1020				KRE			J2B	125	E	51	39	N	36	293	B		
INS	MSCK-TANGERANG	3990.000	12	07	1116	1118	49.3		CHN	BC	9K00E	A3E										PBS GANNAN

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	3995.000	10	07	0600	0855	20.0	HCJB DEUTSCH			10K0	A3EG								A		
INS	MSCK-TANGERANG	4010.000	12	07	0000	2400	40.3		KAZ	BC	9K00E	A3E										KYRGYZ RADIO 1BRINCHI R
G	BALDOCK	4085.000	30	09					RUS	FX	1K00E	F1B							71	C		
I	ROMA	4155.000	09	09	1352		2.0			FX	3K00E	G1D							335	A		STANAG 4285 2400BD
G	BALDOCK	4155.000	30	09					POL		3K00E	G1D							81	B		
G	BALDOCK	4165.200	30	09					NOR	FX	3K00E	G1D							16	A		
F	RAMBOUILLET	4205.000	12	08	0600	1800	20.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	4212.500	14	08	0600	1800	16.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	4215.000	09	07	1027			XSG		FC		F1B	121	E	14	31	N	47	262	B		
F	RAMBOUILLET	4230.000	13	08	0600	1800	18.0				20K0E	PXX								A	9	OTHR
I	ROMA	4230.000	09	09	1351		2.0			FX	3K00E	G1D							335	A		STANAG 4285
J	TOKYO	4272.900	09	07	1033				F			J2B	165	E	16	21	S	14	155	B		NCL
J	TOKYO	4289.000	09	07	1036				USA			F1B	144	E	40	13	N	09	170	B		GUM
I	ROMA	4290.400	20	08	1153		1.0			FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	4316.000	26	09			2.0	NMG	USA	FX	2K70E	J3E							300	B		
J	TOKYO	4363.000	09	07	1038				RUS			J2D	158	E	13	53	N	10	30	B		
J	TOKYO	4399.000	09	07	1044				CHN			J3E	116	E	50	39	N	04	287	B		
J	TOKYO	4418.000	09	07	1047				KRE			A1A	125	E	36	38	N	59	291	B		
J	TOKYO	4449.970	27	08	1049					BC		A3E							297	D		
J	TOKYO	4449.980	06	08	0431				KOR			F1B	125	E	56	37	N	04	262	A		
J	TOKYO	4450.000	02	07	0001				KRE			A3E	125	E	27	39	N	21	292	B		
J	TOKYO	4450.000	09	07	1049				KRE			A3E	125	E	29	38	N	29	286	B		
J	TOKYO	4450.000	17	07	0813			V.O.PEOPLE		BC		A3E	127	E	01	37	N	20	283	B	11	
J	TOKYO	4450.000	24	07	0630			V.O.PEOPLE		BC		A3E	127	E	46	38	N	00	286	B	11	
J	TOKYO	4450.000	03	09	0811			V.O.PEOPLE		BC		A3E							297	D	11	
J	TOKYO	4450.000	25	09	0158			V.O. PEOPLE		BC		A3E							280	C	11	
J	TOKYO	4514.400	27	08	1000														292	D		
G	BALDOCK	4523.500	08	07					RUS	FC	290HE	F1B							89	B		200HZ SHIFT 50
RUS	SAMARA	4560.000	11	07	2000	2130	21.0		GRC	AT	400H	F1B	025	E	22	40	N	41	244			
J	TOKYO	4560.010	01	07	2347				KRE	BC		A3E	125	E	08	40	N	14	297	A		
J	TOKYO	4560.010	27	08	1002					BC		A3E							284	C		
J	TOKYO	4560.010	25	09	0130			V.O. PEOPLE		BC		A3E							283	C	11	
G	BALDOCK	4564.800	13	07					DNK	FX	3K00E	G1D							40	B		2400
J	TOKYO	4579.820	19	08	2346				KOR				127	E	59	34	N	22	268	A		
G	BALDOCK	4583.000	06	07				DDK2	D	FX	590HE	F1B							70	A		
G	BALDOCK	4596.000	08	07				SEVASTOPOL NAVAL	RUS	FC	290HE	F1B							98	B		200HZ SHIFT 50
J	TOKYO	4602.000	27	08	1004														250	C		
G	BALDOCK	4627.000	13	07					DNK	FX	3K00E	G1D							52	B		2400
G	BALDOCK	4644.800	06	07				FUG (SAISSAC0	F	FX	3K00E	G1D							170	B		2400

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	4644.800	09	09	1446		6.0		F	FX	3K00E	G1D							282	A		STANAG 4285
G	BALDOCK	4651.000	08	07				SHANWICK ATC	IRL	FG		J3E							280	B		SHANWICK
F	RAMBOUILLET	4687.900	16	07	0600	1800	20.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	4745.000	27	08	1008			CHINA N.R.		BC		A3E							317	D	11	
G	BALDOCK	4765.000	08	07				TAJIK RADIO 1	TJK	BC	9K00E	A3E							78	B		DUSHANBE-YANGIYUL TX
G	BALDOCK	4811.800	08	07				FUF (ORT DE FRANCE)	F	FC	3K00E	G1D							261	B		2400
INS	MSCK-TANGERANG	4820.000	08	07	0818	0820	44.6		CHN	BC	9K00E	A3E										PBS XIZANG
INS	MSCK-TANGERANG	4840.000	08	07	0821	0823	48.0		USA	BC	9K00E	A3E										WWCR NASHVILLE
G	BALDOCK	4840.000	13	07				WWCR NASHVILLE	USA	BC	9K00E	A3E							298	B		NASHVILLE TX
J	TOKYO	4851.000	27	08	1011														253	D		
J	TOKYO	4866.000	27	08	1011							F1B							321	C		
J	TOKYO	4880.000	27	08	1012														296	D		
RUS	SAMARA	4884.000	15	07	1900	2000	23.0		CHN	AT	400H	F1B	126	E	59	39	N	52	72			
J	TOKYO	4885.000	01	07	2354					BC		A3E							282	D		
J	TOKYO	4885.000	17	07	0822			ECHO OF HOPE		BC		A3E	127	E	04	36	N	32	279	B	11	
J	TOKYO	4885.000	27	08	1012														295	D		
J	TOKYO	4885.000	03	09	0748			ECHO OF HOPE		BC		A3E									11	
J	TOKYO	4885.000	25	09	0132			ECHO OF HOPE		BC		A3E	126	E	41	36	N	44	283	B	11	
J	TOKYO	4897.000	24	07	0611				RUS			F1B	130	E	14	42	N	44	315	A		
J	TOKYO	4897.000	03	09	0751							F1B							322	D		
J	TOKYO	4900.000	27	08	1020			V.O.STRAIT		BC		A3E	119	E	31	25	N	32	247	B	11	
J	TOKYO	4905.000	09	07	1020							F1B							280	D		
J	TOKYO	4905.000	27	08	1021							F1B										
G	BALDOCK	4916.000	08	07				ST PETERSBURG NAVAL	RUS	FC	375HE	F1B							55	B		250 HZ SHIFT 75
INS	MSCK-TANGERANG	4920.000	19	07	0102	0104	43.8		CHN	BC	9K00E	A3E										PBS XIZANG
RUS	SAMARA	4931.000	15	07	1900	2200	18.0		S	AT	2K70	J3E	015	E	16	61	N	24	308			
G	BALDOCK	4932.000	08	07					NOR	FX	3K00E	G1D							31	B		2400
RUS	SAMARA	4961.000	15	07	1900	2200	4.0		G	AT	400H	F1B	005	W	28	52	N	32	292			
G	BALDOCK	4962.000	08	07					D	FX	3K00E	G1D							66	B		2400
G	BALDOCK	4970.000	08	07					RUS	FX	375HE	F1B							63	B		250HZ SHIFT 75
J	TOKYO	4990.000	27	08	1028					BC		A3E										
J	TOKYO	5000.000	01	07	2358			BPM		SS		AXW							294	D		
J	TOKYO	5000.000	09	07	1022			WWVH		SS		AXW										
J	TOKYO	5000.000	09	07	1022			BPM		SS		AXW										
J	TOKYO	5000.000	17	07	0830			WWVH		SS		AXW										
INS	MSCK-TANGERANG	5000.000	19	07	0105	0107	50.1		USA	BC	9K00E	A3E										R WWV
INS	MSCK-TANGERANG	5000.000	19	07	0108	0110	50.1		USA	BC	9K00E	A3E										R. WWVH
J	TOKYO	5000.000	06	08	0416				KOR	SS		AXW	127	E	03	37	N	32	285	B		
J	TOKYO	5000.000	14	08	0132					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	5000.000	27	08	1029			WWVH		SS		AXW										
J	TOKYO	5000.000	27	08	1029			WWV		SS		AXW										
J	TOKYO	5000.000	27	08	1029			BPM		SS		AXW										
J	TOKYO	5000.000	03	09	0755			WWVH		SS		AXW										
J	TOKYO	5000.000	10	09	0615				KOR	SS		AXW	126	E	40	37	N	01	281	B		
J	TOKYO	5000.000	18	09	0420					SS		AXW							280	C		
J	TOKYO	5000.000	25	09	0133				KOR	SS		AXW	127	E	09	35	N	53	275	A		
INS	MSCK-TANGERANG	5010.000	19	07	0111	0113	49.6		USA	BC	9K00E	A3E										R MADAGASIKARA
F	RAMBOUILLET	5015.000	23	07	0600	1000	10.0				20K0E	PXX								A	9	OTHR
J	TOKYO	5020.000	09	07	1025					BC		A3E								162	D	
INS	MSCK-TANGERANG	5020.000	19	07	0117	0119	49.3		SLM	BC	9K00E	A3E										SOLOMON ISLANDS BC
J	TOKYO	5100.000	27	08	1033							F3C							176	D		
INS	MSCK-TANGERANG	5130.000	18	07	0855	0857	46.7		USA	BC	9K00E	A3E										WBCQ TEH OVERCOMER MINISTRY
J	TOKYO	5138.000	27	08	1036															332	D	
INS	MSTM-MEDAN	5188.000	16	08	1147	1149			INS	FA	2K40E	J3E										
J	TOKYO	5207.000	27	08	1037															330	C	
INS	MSCK-TANGERANG	5228.000	01	07	0830	0831	10.5		INS	MS	2K70E	J3E										FISHERMAN
INS	MSCK-TANGERANG	5228.000	09	07	0819	0820	11.0		INS	MS	2K70E	J3E										
J	TOKYO	5234.000	09	07	1034							F1B								20	D	
J	TOKYO	5234.000	27	08	1040				RUS			F1B	158	E	31	53	N	28	29	B		
INS	MSCK-TANGERANG	5238.000	01	07	0832	0833	11.2		INS	MS	2K70E	J3E										FISHERMAN
INS	MSCK-TANGERANG	5238.000	02	07	0812	0813	10.5		INS	MS	2K70E	J3E										FISHERMAN
INS	MSCK-TANGERANG	5238.000	10	07	1033	1034	11.3		INS	MS	2K70E	J3E										
J	TOKYO	5263.000	27	08	1044															247	D	
G	BALDOCK	5265.000	08	07	0000				CHN	BC	9K00E	A3E								60	B	
G	BALDOCK	5268.300	20	09					HOL	FX	3K00E	G1D								81	A	
J	TOKYO	5288.700	27	08	1045															343	D	
G	BALDOCK	5301.700	20	09					TUR	FX	3K00E	G1D								116	B	
G	BALDOCK	5333.800	20	09					TUR	FX	3K00E	G1D								100	C	
G	BALDOCK	5340.000	20	09					USA	FX	850HE	F1B								270	B	
J	TOKYO	5398.990	27	08	1048							A1A								292	D	
J	TOKYO	5423.000	27	08	1051			KD9J				A1A								295	C	
J	TOKYO	5451.000	27	08	1056															246	C	
G	BALDOCK	5505.000	20	09					IRL	FA	3K00E	J3E								280	A	
G	BALDOCK	5555.000	20	09					TUR	FX	3K00E	G1D								108	C	
G	BALDOCK	5616.000	20	09				GANDER	CAN	FA	3K00E	J3E								280	C	
J	TOKYO	5759.000	09	07	1045				RUS			F1B	131	E	44	43	N	53	320	A		
RUS	SAMARA	5760.000	19	07	1900	2200	5.0		E	AT	400H	F1B	000	W	50	39	N	04	269			
G	BALDOCK	5760.000	20	09					F	FX	3K00E	G1D								153	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	5778.800	10	09	0624				RUS				131	E	54	43	N	41	325	B		
J	TOKYO	5791.000	27	08	1107							A1A							247	D		
RUS	SAMARA	5818.000	19	07	1900	2200	6.0		TUR	AT	400H	F1B	033	E	37	41	N	11	280			
J	TOKYO	5850.000	27	08	1108					BC		A3E							248	D		
J	TOKYO	5850.000	03	09	0813			VORW R.I.		BC		A3E									11	
J	TOKYO	5855.600	06	08	0421				KOR	BC		A3E	128	E	21	36	N	29	278	B		
J	TOKYO	5855.600	14	08	0143				KOR			H3E	128	E	05	36	N	19	278	B		
J	TOKYO	5855.600	03	09	0815							H3E							277	D		
J	TOKYO	5855.600	10	09	0634				KOR			H3E	127	E	08	36	N	43	280	B		
J	TOKYO	5855.600	18	09	0435							H3E							277	D		
J	TOKYO	5855.600	25	09	0145				KOR			H3E	127	E	58	35	N	45	275	A		
J	TOKYO	5855.820	09	07	1052					BC		A3E							269	C		
RUS	SAMARA	5860.000	22	07	1600	1630	40.0		KWT	BC	10K0	A3E	046	E	20	29	N	15	189	A		
I	ROMA	5860.000	25	07	1930		29.0	R.FARDA	KWT	BC	9K00E	A3E										
G	BALDOCK	5890.000	20	09					USA	BC	9K00E	A3E							287	C		
G	BALDOCK	5900.000	07	07				OVERCOMER MINISTRY	BUL	BC	9K00E	A3E							112	B		KOSTINBROD TX
I	ROMA	5900.000	25	07	1930		48.0	BIBLE VOICE BCN RAD	BUL	BC	9K00E	A3E										
G	BALDOCK	5904.000	16	09				KALININGRAD NAVAL	RUS	FC	290HE	F1B							69	B		200HZ SHIFT 50
I	ROMA	5905.000	25	07	2000		27.0	DEUTSCHER WETTERDIEN	D	BC	9K00E	A3E										
F	RAMBOUILLET	5905.000	21	08	1200	1230	22.0	DEUTSCHE WELLE	D		10K0	A3EG -								A		
RUS	SAMARA	5910.000	22	07	1600	1630	33.0		ROU	BC	10K0	A3E	044	E	10	25	N	35	253	A		
I	ROMA	5910.000	25	07	1930		45.0	R.ROMANIA	ROU	BC	9K00E	A3E										
F	RAMBOUILLET	5910.000	21	08	1430	1800	22.0	RADIO ROMANIA	ROU		10K0	A3EG -								A		
G	BALDOCK	5910.000	16	09				RQDIO ROUMANIA	ROU	BC	9K00E	A3E							104	B		SAFTICA TX
G	BALDOCK	5920.000	07	07				HCJB DEUTCH	D	BC	9K00E	A3E							72	B		WEENERMOOR TX
I	ROMA	5920.000	25	07	2000		37.0	HCJB DEUTSCH	D	BC	9K00E	A3E										
F	RAMBOUILLET	5920.000	21	08	0600	1800	13.0	HCJB DEUTSCH	D		10K0	A3EG -								A		
G	BALDOCK	5920.000	16	09				HCJB DEUTCH	D	BC	9K00E	A3E							75	B		WEENER MOOR TX
G	BALDOCK	5930.000	07	07				WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							51	B		BRAMMING TX
I	ROMA	5930.000	25	07	1930		27.0	WORLD MUSIC RADIO		BC	9K00E	A3E										
F	RAMBOUILLET	5930.000	22	08	0600	1800	22.0	WORLD MUSIC RADIO			10K0E	A3EG -								A	3	
G	BALDOCK	5930.000	16	09				WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							57	B		BLAMMING TX
G	BALDOCK	5935.000	07	07				WWCR NASHVILLE	USA	BC	9K00E	A3E							296	B		NASHVILLE
F	RAMBOUILLET	5935.000	22	08	0600	0820	16.0	WWCR UNIVERSITY NETWORK	USA		10K0	A3EG -								A		
G	BALDOCK	5940.000	15	07				RADIO VOZ	B	BC	9K00E	A3E							223	B		CAMBORIN SC TX
ROU	BELCIUGATELE	5942.500	18	07	0746	0814	48.4	Navy		FX	3K00	J7D							16	A		Russia Navy DATA
G	BALDOCK	5945.000	16	09				CRN1 VOICE OF CHINA	CHN	BC	9K00E	A3E							35	B		BEIJING TX

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	5950.000	15	07				POP SHOP RADIO	USA	BC	9K00E	A3E							286	B		OKEECHOBEE TX
G	BALDOCK	5955.000	07	07				RADIO VERONICA	HOL	BC	9K00E	A3E							110	B		OVERSLAG TX
F	RAMBOUILLET	5955.000	23	08	0600	1800	24.0	RADIO VERONICA			10K0E	A3EG								A	3	
J	TOKYO	5955.000	05	09	1100			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	5955.000	16	09				RADIO VERONICA	HOL	BC	9K00E	A3E							111	B		OVERSLAG TX
RUS	SAMARA	5960.000	22	07	1600	1630	46.0		CHN	BC	10K0	A3E	085	E	50	45	N	51	101	A		
I	ROMA	5960.000	25	07	1930		49.0	VOICE OF TURKEY	TUR	BC	9K00E	A3E										
J	TOKYO	5965.000	05	09	1400			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	5970.000	07	07				RADIO 208	DNK	BC	9K00E	A3E							60	B		HVIDORE TX
RUS	SAMARA	5970.000	22	07	1600	1630	61.0		OMA	BC	10K0	A3E	058	E	14	22	N	11	165	A		
F	RAMBOUILLET	5970.000	23	08	0600	1800	25.0	EWTN	USA		10K0	A3EG								A		
G	BALDOCK	5970.000	16	09				RADIO 208	DNK	BC	9K00E	A3E							63	B		HVIDORE TX
I	ROMA	5985.000	25	07	1930		32.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
G	BALDOCK	5985.000	16	09				CHINA RADIO INT	CHN	BC	9K00E	A3E							45	B		BEIJING TX
RUS	SAMARA	5995.000	22	07	1600	1630	63.0		CHN	BC	10K0	A3E	078	E	42	42	N	15				
RUS	SAMARA	5995.000	22	07	1630	1700	48.0		CHN	BC	10K0	A3E	090	E	16	29	N	10	116	A		
I	ROMA	5995.000	25	07	1930		33.0	R.MALI	MLI	BC	9K00E	A3E										
I	ROMA	6000.000	25	07	2000		34.0	CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E										
G	BALDOCK	6000.000	16	09				CNR1 VOICE OF CHINA	CHN	BC	9K00E	A3E							47	B		BEIJING TX
F	RAMBOUILLET	6005.000	26	08	1000	1530	27.0	R. SLOVAKIA	D		10K0	A3EG								A		
G	BALDOCK	6010.000	07	07				RADIO INCONFIDENCIA	B	BC	9K00E	A3E							220			BELO HORIZNUTE MG TX
RUS	IRKUTSK	6015.000	22	07	1730	1800	10.0		KOR	BC	451H	A3E	127	E	21	37	N	53	124	A		
G	BALDOCK	6015.000	16	09				PBS XINJIANG	CHN	BC	9K00E	A3E							67			URUMQI TX
I	ROMA	6020.000	25	07	1930		48.0	CHINA RADIO INTERRNA	CHN	BC	9K00E	A3E										
G	BALDOCK	6030.000	07	07				RADIO MARTI	USA	BC	9K00E	A3E							288	B		GRENVILLE TX
I	ROMA	6030.000	25	07	1930		37.0	RADIO OROMIYA	ETH	BC	9K00E	A3E										
I	ROMA	6030.000	14	08	0000		44.0	RADIO MARTI	USA	BC	10K0E	A3E										SPA
F	RAMBOUILLET	6030.000	27	08	0600	0800	24.0	RADIO MARTI	USA		10K0	A3EG								A		
J	TOKYO	6038.000	08	07	2345				RUS			F1B	131	E	23	43	N	07	320	B		
I	ROMA	6045.000	25	07	1930		59.0	VOICE OF AMERICA	STP	BC	9K00E	A3E										
G	BALDOCK	6050.000	07	07				HCJB QUITO	EQA	BC	9K00E	A3E							264	B		PICO PINCHINCHA TX
RUS	MOROZOVSK	6050.000	23	07	1400	1600	14.0		CHN	BC	6K00	A3E	041	E	50	48	N	20	64	B		
INS	MSCK-TANGERANG	6050.000	25	07	0732	0734	44.3		USA	BC	9K00E	A3E										HCJB EQA
I	ROMA	6050.000	25	07	2000		32.0	PBX XIZANG	CHN	BC	9K00E	A3E										
F	RAMBOUILLET	6050.000	27	08	1200	1800	28.0	CRI	CHN		10K0E	A3EG								A		
INS	MSCK-TANGERANG	6060.000	25	07	0735	0737	48.3		CHN	BC	9K00E	A3E										PBS SICHUAN 2
G	BALDOCK	6070.000	07	07				CHANNEL 292/TOM	D	BC	9K00E	A3E							110	B		ROHRBACH WAAL TX

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	6070.000	25	07	0738	0740	44.0		CAN	BC	9K00E	A3E										CFRX TORONTO
INS	MSCK-TANGERANG	6070.000	25	07	0741	0743	39.8		D	BC	9K00E	A3E										RADIO CHANNEL 292/TOM
I	ROMA	6070.000	25	07	1930		43.0	JUST RIGHT	D	BC	9K00E	A3E										
G	BALDOCK	6070.000	16	09				RADIO CHANNEL 292	D	BC	9K00E	A3E							108	B		ROHRBACH TX
RUS	SAMARA	6075.000	23	07	1540	1900	28.0		CHN	BC	10K0	A3E	096	E	24	40	N	17	94			
INS	MSCK-TANGERANG	6080.000	25	07	0744	0746	47.1		B	BC	9K00E	A3E										RADIO MARUMBY
I	ROMA	6080.000	25	07	1930		44.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
G	BALDOCK	6085.000	16	09				RADIO MI AMIGO INT	D	BC	9K00E	A3E							108	B		KALL-KRELLET TX
RUS	SAMARA	6090.000	23	07	1900	2130	32.0		CHN	BC	10K0	A3E	092	E	32	39	N	28	98			
INS	MSCK-TANGERANG	6090.000	25	07	0747	0749	44.0		AGL	BC	9K00E	A3E										CARIBBER BEACON
I	ROMA	6090.000	25	07	1930		49.0	RADIO AMHARA	ETH	BC	9K00E	A3E										
KOR	CRMS	6100.000	01	07	0012	0012	36.4	KCB	KRE	BC	14K8	A3E									3	
RUS	SAMARA	6100.000	23	07	2000	2200	36.0		CHN	BC	10K0	A3E	113	E	41	26	N	32	93			
INS	MSCK-TANGERANG	6100.000	25	07	0749	0751	44.3		KOR	BC	9K00E	A3E										KCBS PYONGYANG
I	ROMA	6100.000	25	07	2000		45.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
KOR	CRMS	6100.000	01	08	0010	0010	36.9	KCB	KRE	BC	14K9	A3E									3	
J	TOKYO	6100.000	29	08	2000			V.O.KOREA	KRE	BC		A3E										
KOR	CRMS	6100.000	04	09	0710	0710	41.0	KCB	KRE	BC	14K7	A3E									3	
G	BALDOCK	6105.000	15	07				WORLD RADIO JAPAN	F	BC	9K00E	A3E							169	B		ISSOUDON TX
RUS	SAMARA	6105.000	23	07	1400	1500	33.0		CHN	BC	10K0	A3E	111	E	10	43	N	04	79			
RUS	NOVOSIBIRSK	6105.000	23	07	1400	1430	56.0		CHN	BC	10K4	A3E	116	E	06	41	N	13	115	A		
RUS	SAMARA	6110.000	23	07	1900	2000	32.0		CHN	BC	10K0	A3E	107	E	18	33	N	34	92			
I	ROMA	6110.000	25	07	1930		51.0	RADIO AMHARA	ETH	BC	9K00E	A3E										
G	BALDOCK	6110.000	16	09				PBS XIZANG	CHN	BC	9K00E	A3E							49	B		LHASA BADING TX
RUS	MOROZOVSK	6115.000	23	07	1400	1600	11.0		CHN	BC	3K00	A3E	121	E	00	14	N	35	155	B		
KOR	CRMS	6115.000	13	09	0656	0656	-14.6		CHN	BC	14K9	A3E									6	
RUS	SAMARA	6120.000	23	07	1445	1700	28.0		CHN	BC	10K0	A3E	085	E	41	44	N	37	97			
G	BALDOCK	6130.000	07	07				RADIO EUROPE NETHERLANDS	HOL	BC	9K00E	A3E							84	B		ALPHEN AAN TX
G	BALDOCK	6130.000	16	09				RADIO EUROPE	HOL	BC	9K00E	A3E							88	B		ALPHEN AAN TX
J	TOKYO	6140.000	02	07	0136														265	D		TAIWAN
J	TOKYO	6140.000	17	07	1002				KRE	BC		D7W	125	E	12	40	N	12	296	B		
J	TOKYO	6140.000	10	09	0745				KRE	BC		D7W	125	E	17	38	N	54	290	B		
J	TOKYO	6140.000	18	09	0600				KRE	BC		D7W	125	E	20	38	N	54	291	B		
J	TOKYO	6140.000	25	09	0416				KRE	BC		D7W	126	E	17	39	N	52	296	B		
J	TOKYO	6140.100	08	07	2348					BC		D7W							289	D		
INS	MSKH-KUPANG	6144.000	17	09	0520	0535	34.7		CHN	BC	9K00E	A3E										
RUS	SAMARA	6145.000	23	07	1400	1540	26.0		CHN	BC	10K0	A3E	120	E	04	23	N	31	91			
RUS	NOVOSIBIRSK	6145.000	23	07	1430	1500	38.0		CHN	BC	6K38	A3E	113	E	48	40	N	08	113	A		
I	ROMA	6145.000	25	07	1930		48.0	KBS WORLD RADIO	G	BC	9K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	6145.000	16	09				CNR 1	CHN	BC	9K00E	A3E							49	B		XIANYANG TX
RUS	BELGOROD	6155.000	23	07	0530	0535	48.9		AUT	BC	8K70	A3E	016	E	28	48	N	00	266	B		
RUS	SAMARA	6155.000	23	07	1530	1800	32.0		NPL	BC	10K0	A3E	081	E	59	28	N	35	124			
G	BALDOCK	6160.000	07	07				WBCQ	USA	BC	9K00E	A3E							296	B		MONTICELLO TX
I	ROMA	6160.000	25	07	1930		27.0	SHORT WAVE	D	BC	9K00E	A3E										
G	BALDOCK	6160.000	16	09				PROGZILLA RADIO	D	BC	9K00E	A3E							79	B		WINSSEN TX
RUS	SAMARA	6165.000	23	07	1600	1930	36.0		CHN	BC	10K0	A3E	086	E	17	44	N	25	95			
G	BALDOCK	6180.000	07	07				RN DA AMAZONIA	B	BC	9K00E	A3E							288	B		BRASILIA DF TX
J	TOKYO	6180.000	17	07	1004			CHINA N.R.		BC		D7W	116	E	29	39	N	47	290	B		
RUS	SAMARA	6180.000	23	07	1500	1900	28.0		CHN	BC	10K0	A3E	110	E	29	29	N	29	94			
I	ROMA	6180.000	25	07	2000		27.0	DEUTSCHER WETTERDIEN	D	BC	9K00E	A3E										
RUS	SAMARA	6190.000	23	07	1300	1345	25.0		CHN	BC	10K0	A3E	126	E	57	47	N	15	64			
RUS	IRKUTSK	6190.000	23	07	1500	1530	12.0		CHN	BC	4K85	A3E	087	E	36	43	N	57	239	A		
HNG	TARNOK	6212.000	01	08	1720	2400	40.3				3K00E	G1D										STANAG 4285
I	ROMA	6214.000	10	09	0948														94	A		
J	TOKYO	6214.930	17	07	1005			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	6214.940	03	09	1007			SOUND OF HOPE		BC		A3E							240	D	11	
INS	MSKH-KUPANG	6215.000	19	08	0457	0459	11.2		INS	FC	2K40E	J3E										
G	BALDOCK	6220.000	07	07					I	MS	3K00E	G1D							131	C		
HNG	TARNOK	6220.000	01	08	1500	2400	20.5				3K00E	G1D										STANAG 4285
G	BALDOCK	6220.000	04	09					I	FC	3K00E	G1D							127	A		
HNG	TARNOK	6220.100	01	08	0000	0352	39.8				3K00E	G1D										STANAG 4285
J	TOKYO	6229.930	17	07	1006			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	6229.980	03	09	1008			CHINA N.R.		BC		A3E									11	TAIWAN
I	ROMA	6230.000	10	07	1559	1602	20.0	QSO FEMALE VOICES		FX	2K70E	J3E							175	A		ARA
J	TOKYO	6230.000	17	07	1006					BC		A3E										
ROU	BELCIUGATELE	6235.700	18	07	0749	0821	45.9	Data		FX	3K00	J7D							173	A		
G	BALDOCK	6245.500	07	07					NOR	MS	3K00E	G1D							20	B		
HNG	TARNOK	6249.997	01	08	2000	2100	36.0			BC	12K3	A3E									11	
J	TOKYO	6250.000	17	07	1007			ECHO OF HOPE		BC		A3E							285	D	11	
RUS	VERHNEYE DUBROVO	6250.000	23	07	1727	1729	29.0		KOR		3K20	A3E	127	E	18	36	N	33	86	A	11	
RUS	NYAGAN	6250.000	23	07	1727	1729	29.0		KOR		3K20	A3E	127	E	18	36	N	33	94	A	11	
RUS	S. PETERSBURG	6250.000	24	07	1532	1550	17.0		KOR	BC	9K90	A3E	126	E	59	37	N	32	64	B	11	
RUS	NOVOSIBIRSK	6250.000	24	07	1600	1700	50.0		KOR	BC	2K33	A3E	127	E	00	37	N	15	102	A	11	
G	BALDOCK	6255.000	04	09					F	FX	6K00E	A7D							152	A		
G	BALDOCK	6257.000	07	07					F	ML	290HE	F1B							174	B		
F	RAMBOUILLET	6257.000	21	08	0600	0725	12.0				3K00E	R7B								A	9	
G	BALDOCK	6270.000	07	07						FB	2K80E	J3E							209	B		
RUS	S. PETERSBURG	6272.000	24	07	1850	1900	22.0		G	BC	15K9	A3E	000	W	07	51	N	30	256	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
RUS	S. PETERSBURG	6279.000	24	07	1125	1135	12.0		CHN	FX	2K90	J7B							78	B		
J	TOKYO	6279.830	03	09	1012			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6279.850	17	07	1008			SOUND OF HOPE		BC		A3E							241	D	11	
I	ROMA	6290.000	26	08	1624					BC	9K00E	A3E							324	B		
HNG	TARNOK	6296.800	01	08	0000	2400	49.0				3K00E	G1D										STANAG 4285
J	TOKYO	6316.000	03	09	1014			XSQ		FC		F1B										
J	TOKYO	6316.100	17	07	1016			XSQ		FC		F1B										
G	BALDOCK	6318.000	07	07					I	ML	3K00E	G1D							129	B		
I	ROMA	6318.000	08	07	1357		27.0			FX	3K00E	G1D							107	B		STANAG 4285
I	ROMA	6318.000	05	08	1234		14.0			FX	3K00E	G1D							109	A		STANAG 4285
G	BALDOCK	6318.000	04	09					I	FC	3K00E	G1D							127	A		
G	BALDOCK	6325.000	04	09					RUS	FC	3K30E	J7D							71	A		
J	TOKYO	6326.000	08	07	2357			XSG		FC		F1B										
J	TOKYO	6326.000	26	08	2350			XSG		FC		F1B										
J	TOKYO	6326.000	10	09	0751			XSG		FC		F1B	121	E	19	31	N	20	266	B		
J	TOKYO	6326.000	18	09	0603			XSG		FC		F1B	121	E	27	31	N	14	260	B		
G	BALDOCK	6328.000	07	07						MS	290HE	F1B							27	B		
HNG	TARNOK	6332.800	01	08	0000	2400	44.5				3K00E	G1D										STANAG 4285
G	BALDOCK	6333.000	07	07					I	ML	3K00E	G1D							135	B		
I	ROMA	6333.000	08	07	1348		18.0			FX	3K00E	G1D							267	A		STANAG 4285
HNG	TARNOK	6336.800	01	08	0000	2400	36.4				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	6337.000	22	08	0600	1800	39.0				3K30E	J7B								A	9	
J	TOKYO	6340.170	17	07	1018			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	6340.170	03	09	1021			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	6349.630	03	09	1023				KRE			J2D	126	E	14	40	N	01	296	A		
G	BALDOCK	6349.800	04	09					F	FC	3K00E	G1D							218	A		
HNG	TARNOK	6349.900	01	08	0000	2400	32.1				3K00E	G1D										STANAG 4285
G	BALDOCK	6350.000	07	07					F	ML	3K00E	G1D							216	A		
J	TOKYO	6350.000	17	07	1019				KRE				125	E	57	39	N	29	293	B		
RUS	S. PETERSBURG	6350.000	24	07	1555	1610	20.0		KOR	BC	9K90	A3E	126	E	59	37	N	32	64	B	11	
I	ROMA	6350.000	16	08	0459		24.0			FX	3K00E	G1D							306	A		STANAG 4285
J	TOKYO	6350.030	02	07	0141			ECHO OF HOPE		BC		A3E							289	D	11	
J	TOKYO	6350.030	09	07	0004			ECHO OF HOPE		BC		A3E							281	D	11	
J	TOKYO	6350.030	24	07	0747			ECHO OF HOPE		BC		A3E							262	D	11	
J	TOKYO	6350.030	20	08	0133					BC		A3E							280	D		
J	TOKYO	6350.030	26	08	2355			ECHO OF HOPE		BC		A3E							288	D	11	
J	TOKYO	6350.030	18	09	0606				KOR	BC		A3E	126	E	35	31	N	11	262	B		
J	TOKYO	6350.030	25	09	0422			V.O. HOPE		BC		A3E	126	E	39	37	N	13	283	B	11	
G	BALDOCK	6358.450	07	07					HOL	FL	1K35E	G1D							82	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	BELGOROD	6358.500	24	07	0538	0540	31.2	PBB	HOL		1K10	F1B	003	E	54	51	N	48	286	B		
HNG	TARNOK	6358.500	01	08	0000	2400	48.2				1K00E	F1B										850HZ,75BD
I	ROMA	6358.500	20	08	1034		7.0	PBB	HOL	FC	1K00E	F1B							334	A		75 BD
G	BALDOCK	6364.000	07	07					USA	FL	290HE	F1B							287	B		
HNG	TARNOK	6367.300	01	08	1600	2400	30.3				1K25	F1B										850HZ,75BD
I	ROMA	6367.300	05	09	1021		5.0			FX	1K00E	F1B							284	A		
I	ROMA	6367.400	12	09	0850		13.0			FX	1K00E	F1B							283	A		
F	RAMBOUILLET	6368.000	23	08	0600	1800	40.0				1K20E	F1B								A	9	
J	TOKYO	6369.970	17	07	1025			SOUND OF HOPE		BC		A3E							241	C	11	
G	BALDOCK	6383.000	07	07					I	FL	1K35E	F1B							136	B		
I	ROMA	6386.500	16	08	0501		18.0			FX	3K00E	G1D							307	B		STANAG 4285
I	ROMA	6389.500	10	07	1607	1610	13.0	QSO MALE VOICES		FX	2K70E	J3E							172	A	3	ARA
I	ROMA	6390.000	09	09	1059		13.0			FX	3K00E	G1D							110	A		STANAG 4285 600 LON
I	ROMA	6390.000	12	09	0855		32.0			FX	3K00E	G1D							110	A		STANAG 4285 600 LON
G	BALDOCK	6398.500	04	09					RUS	FC	290HE	F1B							42	B		
J	TOKYO	6400.500	17	07	1026														43	B		
G	BALDOCK	6407.000	07	07					NOR	MS	3K00E	G1D							17	A		
I	ROMA	6407.800	11	07	2100		36.0			FX	3K00E	G1D							304	A		STANAG 4285
I	ROMA	6407.800	16	08	0503		28.0			FX	3K00E	G1D							307	A		STANAG 4285
G	BALDOCK	6407.800	04	09						FC	3K00E	G1D							220	A		
F	RAMBOUILLET	6408.000	26	08	0600	1800	23.0				3K00E	J7B								A	9	
J	TOKYO	6412.800	17	07	1028				RUS				132	E	05	43	N	15	323	B		
I	ROMA	6414.500	11	07	2100		25.0			FX	3K00E	G1D							333	A		STANAG 4285
F	RAMBOUILLET	6415.000	26	08	0600	1800	24.0				3K00E	J7B								A	9	
G	BALDOCK	6417.000	05	09					J	FX	2K00E	J7D							40	B		
INS	MSCK-TANGERANG	6425.500	24	07	0826	0829	18.9		INS	MS	2K70E	J3E										Maritime
J	TOKYO	6429.700	10	09	0753				CHN			J2D	121	E	22	31	N	22	260	B		
G	BALDOCK	6431.000	05	09						MS	3K00E	G1D							18	B		
I	ROMA	6431.800	16	08	0504		43.0			FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	6441.000	07	07					BEL	ML	3K00E	G1D							115	A		
I	ROMA	6441.000	11	07	2100		37.0			FX	3K00E	G1D							328	A		STANAG 4285
I	ROMA	6441.000	16	08	0505		20.0			FX	3K00E	G1D							329	A		STANAG 4285
F	RAMBOUILLET	6441.000	26	08	0600	1800	31.0				3K00E	J7B								A	9	
G	BALDOCK	6441.000	05	09						MS	3K00E	G1D							106	A		
J	TOKYO	6456.000	10	09	0757				USA			J2B	151	W	49	60	N	14	37	B		
G	BALDOCK	6458.000	07	07					E	ML	3K00E	G1D							191	A		
I	ROMA	6458.000	11	07	2100		45.0		RUS	FX	7K00E	F1B							14	A		SYSTEM FAULTY
I	ROMA	6458.000	16	08	0507		29.0			FX	3K00E	G1D							266	A		STANAG 4285
F	RAMBOUILLET	6458.000	27	08	0600	1800	23.0				3K00E	J7B								A	9	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	6458.000	05	09					E	FX	3K00E	G1D							194	A		
J	TOKYO	6463.900	10	09	0800				F			J2B	149	W	39	17	S	07	115	B		OCE
I	ROMA	6470.000	08	07	1340		4.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	6470.000	11	07	2100		30.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	6470.000	16	08	0510		26.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	6470.000	20	08	0840		9.0			FX	3K00E	G1D							267	A		STANAG 4285
F	RAMBOUILLET	6470.000	27	08	0600	1800	25.0				3K00E	J7B								A	9	
G	BALDOCK	6470.000	05	09					E	FX	3K00E	G1D							193	A		
I	ROMA	6475.000	16	08	0511		16.0			FX	3K00E	G1D							96	A		STANAG 4285 2400BD
INS	MSCK-TANGERANG	6478.250	23	07	0801	0803	37.9		INS	MS	2K70E	J3E										Maritime
J	TOKYO	6487.000	17	07	1031							F1B										
J	TOKYO	6487.020	10	09	0803							F1B							130	B		
I	ROMA	6493.400	11	07	2100		32.0		E	FX	3K00E	G1D							266	A		STANAG 4285 2400BD
I	ROMA	6493.400	16	08	0512		18.0		E	FX	3K00E	G1D							267	A		STANAG 4285 2400BD
G	BALDOCK	6493.400	05	09					E	FX	3K00E	G1D							192	B		
F	RAMBOUILLET	6494.000	27	08	0600	1800	17.0				3K00E	J7B								A	9	
G	BALDOCK	6499.100	05	09					HOL	FX	100HE	N0N							78	A	3	
I	ROMA	6499.900	11	07	2100		45.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	6500.000	05	08	1237					FX	3K00E	G1D							336	A		STANAG 4285
F	RAMBOUILLET	6500.000	27	08	0600	1800	25.0				3K00E	J7B								A	9	
G	BALDOCK	6507.000	05	09					RUS	FC	3K30E	J7D							86	B		
I	ROMA	6520.000	11	07	2100		23.0	VOICE OF THE PEOPLE	KOR	BC	6K00E	A3E							41	B		
J	TOKYO	6520.000	03	09	1023														288	D		
J	TOKYO	6520.000	18	09	0609				KRE			J2B	125	E	07	40	N	02	295	B		
J	TOKYO	6520.010	09	07	0009			V.O.PEOPLE		BC		A3E							283	D	11	
J	TOKYO	6520.010	17	07	1032					BC		A3E							283	D		
J	TOKYO	6520.010	24	07	0752			V.O.PEOPLE		BC		A3E							284	D	11	
J	TOKYO	6520.010	06	08	0609			V.O. PEOPLE		BC		A3E							284	D		
J	TOKYO	6520.010	20	08	0139			V.O. PEOPLE		BC		A3E							280	D	11	
J	TOKYO	6520.010	10	09	0814				KRE	BC		A3E	125	E	25	39	N	17	291	B		
J	TOKYO	6520.010	25	09	0428			V.O. PEOPLE		BC		A3E	126	E	49	36	N	53	285	B	11	
J	TOKYO	6520.020	02	07	0146			V.O. KOREA		BC		A3E							290	D	11	
I	ROMA	6562.000	11	07	2107	2107	14.0	MIR		FX	3K00E	J2D							244	A		MIL 188-141 ALE
I	ROMA	6562.000	11	07	2107	2107	12.0	GUM		FX	3K00E	J2D							242	B		MIL 188-141 ALE
I	ROMA	6562.000	11	07	2108	2108	26.0	L2		FX	3K00E	J2D							245	A		MIL 188-141 ALE
I	ROMA	6562.000	11	07	2108	2108	23.0	Y3		FX	3K00E	J2D							246	A		MIL 188-141 ALE
I	ROMA	6562.000	11	07	2114	2114	23.0	MIRADOR2		FX	3K00E	J2D							244	B		MIL 188-141 ALE
G	BALDOCK	6577.000	06	07				NEW YORK (ATC)	USA	FA		J3E							275	B		NEW YORK
INS	MSKH-KUPANG	6577.000	11	09	0434	0438	21.9		INS	FD	2K40E	J3E										

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	6595.000	02	07				SHANWICK ATC	IRL	FA		J3E							280	A		NORTH ATLANTIC
INS	MSTM-MEDAN	6595.000	02	07	0235	0240	29.9		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	03	07	0307	0312	35.3		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	04	07	0315	0325	39.3		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	05	07	0655	0700	24.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	08	07	0210	0220	30.1		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	09	07	0232	0242	38.8		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	10	07	0220	0230	31.3		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	11	07	0215	0225	36.3		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	6595.000	12	07	0210	0215	29.4		INS	AL	2K80E	J3E										PLB INFO
G	BALDOCK	6595.000	14	09						MS	2K80E	J3E							220	B	3	
J	TOKYO	6599.900	03	09	1035				KRE			A1A	130	E	53	38	N	56	292	B		
J	TOKYO	6599.930	25	09	0434				KOR				127	E	01	37	N	13	283	B		
J	TOKYO	6600.000	02	07	0148			V.O. KOREA		BC		A3E							286	D	11	
J	TOKYO	6600.000	09	07	0012			V.O. PEOPLE		BC		A3E							283	C	11	
HNG	TARNOK	6600.000	03	08	1900	2145	28.7			BC	10K0E	A3E										
J	TOKYO	6600.000	18	09	0612				KRE			J2B	126	E	00	38	N	32	288	B		
J	TOKYO	6601.000	10	09	0815				KRE	BC		A3E	125	E	32	38	N	18	297	B		
G	BALDOCK	6604.000	02	07				METEO GANDER	CAN	SM		J3E							288	B		NORTH ATLANTIC
HNG	TARNOK	6606.997	03	08	1550	2400	29.4	4XZ	ISR		100HE	A3B										
G	BALDOCK	6607.000	31	07				4XZ (TEL AVIV)	ISR	FC	100HE	A1A							110	B		5 UNIT
ROU	BELCIUGATELE	6607.000	03	09	0600	0634	20.0	Morse	ISR	FC	600HE	A1A							152	A		
G	BALDOCK	6617.000	06	07				ROSTOV VOLMET	RUS	SM		J3E							55	B		RUSSIAN
I	ROMA	6617.000	24	07	1655		13.0	VOLMET	RUS	FA	2K70E	J3E							60	A		RUS
HNG	TARNOK	6617.000	03	08	1625	1630	20.6	ROSTOV VOLMET	RUS	SM	2K80E	J3E										
G	BALDOCK	6622.000	02	07				SHANWICK ATC	IRL	FA		J3E							280	A		NORTH ATLANTIC
G	BALDOCK	6628.000	06	07				SANTA MARIA (ATC)	POR	FA		J3E							236	B		SANTA MARIA
I	ROMA	6628.000	12	07	0625		12.0	ATC		FA	2K70E	J3E										AIR TRAFFIC CONTROL
I	ROMA	6633.000	05	08	1654		32.0	INTRUDERS LSB	F										293	A	3	FRENCH LANGUAGE
G	BALDOCK	6640.000	31	07				NEW YORK ATC	USA	FL		J3E							290	B		HF ATC
G	BALDOCK	6650.000	02	07					F	FX		J3E							158	A		AERONAUTICAL BAND
HNG	TARNOK	6650.000	03	08	1650	2235	18.2				2K80E	J3E										USB
F	RAMBOUILLET	6650.000	12	08	0600	1800	20.0				10K0E	A3EG -								A	9	
HNG	TARNOK	6655.000	03	08	1900	1910	36.1				2K80E	J3E										LSB
I	ROMA	6660.000	08	07	1336	1338	5.0	INTRUDERS LSB	F	FX	3K10E	J3E							306	B	3	
INS	MSCK-TANGERANG	6660.000	22	07	0828	0831	33.7		INS	MS	2K70E	J3E										
HNG	TARNOK	6660.000	03	08	1731	1741	26.6				3K20E	J3E										LSB
F	RAMBOUILLET	6665.000	14	08	0600	1800	20.0				2K80E	J7B								A	9	STANAG 4285
HNG	TARNOK	6675.000	03	08	1251	1305	20.2				2K80E	J3E										LSB

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	6675.000	05	08	1650		33.0	INTRUDERS LSB	GRC	FX	3K10E	J3E							106	A	3	
HNG	TARNOK	6676.000	03	08	1710	1715	23.2	BANGKOK VOLMET	THA	SM	2K80E	J3E										USB
G	BALDOCK	6680.000	06	07					HOL	BC	9K00E	A3E							86	B		DUTCH PIRATE STATION
HNG	TARNOK	6681.000	03	08	1613	1640	20.7				3K00E	G1D										CODAN 3212
HNG	TARNOK	6685.000	03	08	1310	1706	15.8				2K80E	J3E										LSB
I	ROMA	6685.000	05	08	1653		18.0	INTRUDERS LSB	GRC	FX	3K10E	J3E							105	A	3	LSB
I	ROMA	6715.000	12	07	0638	0638	21.0	CROSPR	G	FX	3K00E	J2D							325	B		MIL STD 188-141 ALE
I	ROMA	6720.000	24	07	1657		17.0	INTRUDERS LSB	GRC	FX	3K10E	J3E							103	A	3	
I	ROMA	6721.000	12	07	0621	0621	5.0	JNR		FX	3K00E	G7D										MIL STD 188-141
G	BALDOCK	6732.000	02	07					F	FC	1K10E	F1B							258	B		STANAG 4481 850 HZ
G	BALDOCK	6754.000	06	07				TRENTON MIL VOLMET	CAN	SM	2K80E	J3E							296	B		TRENTON
I	ROMA	6764.800	12	07	0620		20.0			FX	3K00E	G1D							347	A		STANAG 4285 2400BD
G	BALDOCK	6765.000	02	07					D	FX	3K00E	G1D							68	B		2400
I	ROMA	6765.000	16	08	0515		23.0			FX	3K10E	G1D							358	B		STANAG 4285 2400BD
F	RAMBOUILLET	6765.000	19	08	0600	1800	20.0				2K80E	J7B								A	9	STANAG 4285
HNG	TARNOK	6769.800	05	08	0600	1000	15.3				3K00E	G1D										STANAG 4285
INS	MSKH-KUPANG	6771.000	11	07	0752	0758	15.8		INS	MS	2K80E	A3E							278			JAVANESE LANGUAGE - FISHERMAN
INS	MSCK-TANGERANG	6772.250	23	07	0155	0156	25.9		INS	MS	2K70E	J3E										
INS	MSWR-MERAUKE	6775.000	02	07	0800	0805	40.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6775.000	03	07	1015	1025	37.5		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6775.000	09	07	0900	0905	35.0		INS	FA	2K70E	J3E										
INS	MSKH-KUPANG	6775.000	11	07	0758	0805	15.3		INS	MS	2K80E	J3E							274			JAVANESE LANGUAGE - FISHERMAN
INS	MSWR-MERAUKE	6775.000	11	07	0856	0905	22.5		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6775.000	12	07	1116	1121	37.5		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6775.000	17	07	1107	1112	28.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6775.000	18	07	1015	1020	32.0		INS	FC	2K70E	J3E										
INS	MSCK-TANGERANG	6777.000	24	07	0826	0829	49.2		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	6777.600	03	07	0135	0140	15.3		INS	MS	2K40E	J3E							307	B		FISHERMAN
INS	MSWR-MERAUKE	6777.700	01	07	0950	0955	35.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	04	07	1008	1014	36.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	08	07	0848	0854	27.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	10	07	0800	0810	23.5		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	15	07	1114	1119	30.5		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	16	07	0950	1000	33.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	19	07	1105	1110	38.0		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	6777.700	24	07	1012	1017	34.5		INS	FC	2K70E	J3E										
INS	MSKH-KUPANG	6778.800	15	07	0700	0714	4.7		INS	MS	2K40E	J3E							285	C		
J	TOKYO	6779.990	20	08	0152							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	6779.990	27	08	0013							F1B							255	D		
J	TOKYO	6780.000	09	07	0017			XSG		FC		F1B										
I	ROMA	6783.000	12	07	0620		16.0			FX	3K00E	G1D							336	A		STANAG 4285 2400BD
INS	MSKH-KUPANG	6783.800	04	07	0540	0549	16.5		INS	MS	2K40E	J3E							276	B		FISHERMAN
INS	MSKH-KUPANG	6783.800	15	07	0714	0728	22.2		INS	MS	2K40E	J3E							315	A		
INS	MSCK-TANGERANG	6784.500	05	07	0807	0808	10.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	6784.500	10	07	1035	1036	10.2		INS	MS	2K70E	J3E										
HNG	TARNOK	6784.500	05	08	1958	2400	21.7				3K00E	G1D										STANAG 4285
J	TOKYO	6787.000	17	07	1041				CHN				118	E	28	25	N	06	247	B		
HNG	TARNOK	6787.800	05	08	0500	2000	30.8				3K00E	G1D										STANAG 4285
I	ROMA	6787.800	16	08	0519		22.0			FX	3K00E	G1D							324	A		STANAG 4285
F	RAMBOUILLET	6788.000	19	08	0600	1800	19.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	6788.980	27	08	0016							F1B							312	D		
J	TOKYO	6789.000	02	07	0158				RUS			F1B	131	E	47	43	N	15	321	B		
J	TOKYO	6789.000	09	07	0021				RUS			F1B	131	E	08	43	N	57	323	A		
J	TOKYO	6789.000	24	07	0758							F1B							319	D		
J	TOKYO	6789.000	10	09	0817				RUS			F1B	131	E	52	43	N	25	323	B		
J	TOKYO	6789.000	18	09	0619				RUS			F1B	132	E	03	43	N	28	324	B		
J	TOKYO	6789.010	06	08	0623				RUS			F1B	131	E	40	43	N	41	323	B		
I	ROMA	6807.000	25	07	2100		39.0			FX	3K00E	G1D							110	B		STANAG 4285
HNG	TARNOK	6807.000	05	08	0000	0500	36.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	6807.000	05	08	1500	2400	42.0				3K00E	G1D										STANAG 4285
I	ROMA	6814.000	25	07	2111	2112	24.0	NE7		FX	3K00E	J2D							22	A		MIL 188-141 ALE
I	ROMA	6814.000	25	07	2112	2113	28.0	NE7		FX	3K00E	J2D							22	A		MIL 188-141 ALE
HNG	TARNOK	6816.500	05	08	2007	2400	35.8				3K00E	G1D										STANAG 4285
G	BALDOCK	6825.000	02	07				FAV22	F	FX	100HE	A1A							159	A		5 UNIT CODE
I	ROMA	6825.000	25	07	2100		52.0	FAV22	F	FX	100HE	A1A							314	A		
F	RAMBOUILLET	6825.000	20	08	0700	1400	39.0				10K0E	A3EG								A	9	
I	ROMA	6825.000	20	08	0836		17.0	FAV22	F	FX	100HE	A1A							314	A		
HNG	TARNOK	6838.000	05	08	1900	1950	40.4				600H	F1B										200HZ,50BD,CIS-36-50
J	TOKYO	6843.000	02	07	0204							A1A							319	D		
J	TOKYO	6844.390	24	07	0807				F				149	W	24	18	S	00	115	B		OCE
J	TOKYO	6844.400	17	07	1045				F				149	W	32	17	S	34	116	B		OCE
J	TOKYO	6844.400	10	09	0822				F			J2B	149	W	09	17	S	01	115	B		OCE
I	ROMA	6845.000	25	07	2106	2106	45.0	XSS	CYP	FX	3K00E	J2D							109	A		MIL 188-141 ALE
J	TOKYO	6847.000	17	07	1047			RIS9				A1A										
J	TOKYO	6850.010	17	07	1045			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	6852.300	10	09	0824				CHN			J2B	120	E	36	37	N	39	284	B		
J	TOKYO	6865.000	03	09	1042			CHINA N.R.		BC		A3E							250	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	6865.110	17	07	1046			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6865.110	10	09	0826			SOUND OF HOPE		BC		A3E	121	E	30	24	N	56	241	B	11	TAIWAN
J	TOKYO	6871.000	10	09	0827				CHN			A1A	118	E	00	32	N	36	267	B		
J	TOKYO	6871.000	18	09	0622				RUS			F1B	131	E	50	43	N	24	324	B		
J	TOKYO	6874.000	10	09	0829				CHN			A1A	123	E	31	41	N	37	300	B		
INS	MSKH-KUPANG	6885.000	17	07	0137	0144	28.1		INS	MS	2K40E	J3E							278	A		
I	ROMA	6888.000	26	07	0805		40.0			FX	1K00E	F1X							37	A		
HNG	TARNOK	6894.861	05	08	1900	1956	27.9			BC	11K5	A3E									11	
J	TOKYO	6900.010	17	07	1049			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	6910.700	10	09	0831				F			J2B	165	E	16	21	S	25	154	B		NCL
INS	MSCK-TANGERANG	6920.000	02	09	0200	0201	36.6		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6930.000	05	08	1228	1231	43.5		INS	AT	2K70E	J3E										
J	TOKYO	6930.800	10	09	0832				CHN			J2B	116	E	15	40	N	20	291	B		
J	TOKYO	6933.000	17	07	1106														246	C		
INS	MSCK-TANGERANG	6950.000	30	08	0246	0246	35.6		INS	BC	2K70E	J3E										
INS	MSCK-TANGERANG	6950.000	18	09	0228	0229	35.8		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	6960.000	17	07	0144	0155	3.8		INS	FX	2K40E	J3E							285	B		ALWI
INS	MSCK-TANGERANG	6960.000	01	08	1155	1156	53.5		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6960.000	05	08	1232	1235	45.4		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6960.000	09	08	0659	0700	35.6		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6960.000	26	08	1228	1228	36.4		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6960.000	12	09	1233	1234	40.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6960.000	17	09	0230	0232	42.9		INS	AT	2K70E	J3E										
J	TOKYO	6960.010	24	07	0814														291	D		
J	TOKYO	6960.010	10	09	0837				KRE			A3E	125	E	36	39	N	09	291	B		
INS	MSKH-KUPANG	6970.000	17	07	0155	0159	15.4		INS	FX	2K40E	J3E							283	A		BANTAR
INS	MSTM-MEDAN	6970.000	30	07	0135	0145	45.0		INS	AT	2K00E	J3E							110			
J	TOKYO	6970.080	17	07	1107			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	6970.090	24	07	0818			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	6970.090	10	09	0839			SOUND OF HOPE		BC		A3E									11	
INS	MSKH-KUPANG	6975.000	17	07	0159	0204	20.1		INS	FX	2K40E	J3E							286	A		ROBERT
INS	MSCK-TANGERANG	6975.000	01	08	1153	1154	39.5		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6975.000	05	08	1236	1237			INS	AT	2K70E	J3E										
I	ROMA	6979.500	25	07	2100		28.0			FX	3K00E	G1D							24	B		STANAG 4285
I	ROMA	6979.500	05	08	1239		16.0			FX	3K00E	G1D							14	A		STANAG 4285
I	ROMA	6979.500	16	08	0845		14.0			FX	3K00E	G1D							11	A		STANAG 4285
I	ROMA	6979.500	20	08	0830		11.0			FX	3K00E	G1D							10	A		STANAG 4285
I	ROMA	6979.500	05	09	1027		15.0			FX	3K00E	G1D							10	A		STANAG 4285
I	ROMA	6979.500	09	09	1312		19.0			FX	3K00E	G1D							38	A		STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	6979.500	12	09	0914		20.0			FX	3K00E	G1D							26	A		STANAG 4285
I	ROMA	6979.500	13	09	0749		23.0			FX	3K00E	G1D							26	A		STANAG 4285
INS	MSTM-MEDAN	6980.000	09	08	0535	0537			INS	AT	3K00E	J3E										
F	RAMBOUILLET	6980.000	23	08	0600	1800	22.0				3K00E	J7B								A	9	
INS	MSCK-TANGERANG	6985.000	19	09	0129	0130	49.1		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	6990.000	01	08	0000	2400	45.0		INS	AT	2K70E	J3E										
INS	MSTM-MEDAN	6990.000	13	08	0617	0619			INS	AT	6K00E	J3E										
INS	MSCK-TANGERANG	6990.000	04	09	1234	1234	39.3		INS	AT	2K70E	J3E										
J	TOKYO	6991.300	17	07	1109														259	D		
INS	MSTM-MEDAN	6995.000	30	07	0145	0154	56.2		INS	AT	2K00E	J3E							110			
INS	MSCK-TANGERANG	6995.000	01	08	1146	1147	45.8		INS	AT	2K70E	J3E										
INS	MSTM-MEDAN	6995.000	06	08	0515	0517			INS	AT	3K00E	J3E										
INS	MSTM-MEDAN	6995.000	13	08	0333	0335			INS	AT	3K00E	J3E										
INS	MSTM-MEDAN	6995.000	13	08	0611	0613			INS	AT	6K00E	J3E										
INS	MSTM-MEDAN	6995.000	16	08	0635	0637			INS	AT	3K00E	J3E										
INS	MSCK-TANGERANG	6995.000	26	08	1225	1226	30.9		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7000.000	30	07	1247	1248			INS	BC	9K00E	A3E	116	E	34	39	N	53				
INS	MSCK-TANGERANG	7000.000	01	08	1220	1222			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7000.000	05	08	1238	1249	51.3		INS	AT	2K70E	J3E										
INS	MSTM-MEDAN	7000.000	06	08	0553	0555			INS	AT	2K40E	J3E										
INS	MSTM-MEDAN	7000.000	15	08	0436	0438			INS	AT	3K00E	J3E										
INS	MSTM-MEDAN	7000.000	16	08	0640	0642			INS	AT	3K00E	J3E										
INS	MSCK-TANGERANG	7000.000	26	08	1223	1225	38.8		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7000.000	02	09	0148	0149	44.9		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7005.000	30	07	0100	0102			INS	AT	2K70E	J3E										
I	ROMA	7010.000	13	09	0754		16.0	F4***	F	AT	100HE	A1A							313	A		QTH BONNE NR GENEVA
J	TOKYO	7039.400	25	09	0439			M				A1A	137	E	41	50	N	38	353	B		
F	RAMBOUILLET	7040.000	26	08	0600	1800	22.0				10K0	A3EG								A		
INS	MSCK-TANGERANG	7040.000	19	09	0933	0935	36.8		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	7040.000	25	09	0910	0922	37.8		INS	AT	2K40E	J3E							324	A		
INS	MSKH-KUPANG	7040.000	25	09	0911	0920	29.4		INS	AT	2K40E	J3E							315	A		
INS	MSCK-TANGERANG	7045.000	30	07	0103	0104			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7045.000	01	08	1158	1158	34.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7045.000	19	09	0931	0933	40.3		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	7050.000	17	07	0204	0208	30.3		INS	AT	2K40E	J3E							323	A		YD8DZB
INS	MSKH-KUPANG	7050.000	17	07	0208	0210	22.4		INS	AT	2K40E	J3E							301	A		YB7XC
INS	MSKH-KUPANG	7050.000	17	07	0210	0220	31.2		INS	AT	2K40E	J3E							334	A		YC8DIT
INS	MSKH-KUPANG	7050.000	19	08	0214	0220	24.5		INS	AT	2K40E	J3E							326	A		
INS	MSKH-KUPANG	7050.000	19	08	0215	0230	16.4		INS	AT	2K40E	J3E							345	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSTM-MEDAN	7053.000	19	08	0803	0805			INS	AT	3K00E	J3E										
INS	MSKH-KUPANG	7055.000	25	09	0826	0843	42.1		INS	AT	2K40E	J3E							282	A		
INS	MSKH-KUPANG	7055.000	25	09	0827	0836	18.5		INS	AT	2K40E	J3E							325	A		
INS	MSKH-KUPANG	7055.000	25	09	0828	0838	17.1		INS	AT	2K40E	J3E							331	A		
INS	MSKH-KUPANG	7055.000	25	09	0829	0835	22.1		INS	AT	2K40E	J3E							281	A		
INS	MSKH-KUPANG	7055.000	25	09	0839	0844	38.1		INS	AT	2K40E	J3E							70	A		
INS	MSKH-KUPANG	7060.000	17	07	0220	0225	13.7		INS	AT	2K40E	J3E							287	A		YB3HVG
INS	MSKH-KUPANG	7060.000	12	08	1150	1157	19.2		INS	AT	2K40E	J3E										
INS	MSCK-TANGERANG	7060.000	02	09	0151	0152	39.8		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	7060.000	18	09	0300	0400	40.6		INS	FX	6K00E	J3E										
INS	MSKH-KUPANG	7060.000	25	09	0630	0640	11.1		INS	AT	2K40E	J3E										
INS	MSKH-KUPANG	7060.000	25	09	0725	0735	21.7		INS	AT	2K40E	J3E							283	A		
INS	MSKH-KUPANG	7060.000	25	09	0727	0734	11.5		INS	AT	2K40E	J3E							285	A		
INS	MSKH-KUPANG	7060.000	25	09	0728	0737	11.1		INS	AT	2K40E	J3E							280	A		
INS	MSCK-TANGERANG	7065.000	02	08	1200	1203			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7065.000	26	08	1230	1232	34.3		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7065.000	30	08	0248	0249	45.6		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7065.000	09	09	0159	0201	52.0		INS	AT	2K70E	J3E										
J	TOKYO	7068.000	17	07	1110							F1B							323	C		
INS	MSCK-TANGERANG	7070.000	29	07	0218	0220			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7070.000	30	07	0106	0108			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7070.000	02	08	1204	1206	58.6		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	7070.000	19	08	0230	0237	16.3		INS	AT	2K40E	J3E							284	B		
INS	MSKH-KUPANG	7070.000	19	08	0231	0245	22.1		INS	AT	2K40E	J3E							282	A		
INS	MSCK-TANGERANG	7070.000	26	08	1232	1236	31.1		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7070.000	04	09	1236	1237	44.9		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7070.000	10	09	1244	1246	35.5		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7070.000	18	09	0233	0233	43.1		INS	AT	2K70E	J3E										
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	OE3FVU	AUT	AT	51H0	F1B	015	E	00	48	N	30	273	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			21.0	ON4QX	BEL	AT	50H0	F1B	005	E	00	50	N	30	284	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			38.0	EW8OM	BLR	AT	51H0	F1B	029	E	00	52	N	30	271	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	EW3SS	BLR	AT	52H0	F1B	023	E	00	52	N	30	275	B		
RUS	NYAGAN	7074.000	30	07			27.0	EW3SS	BLR	AT	52H0	F1B	023	E	00	52	N	30	266	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			21.0	BH3APK	CHN	AT	51H0	F1B	117	E	00	38	N	30	92	B		
RUS	NYAGAN	7074.000	30	07			23.0	BH4TIH	CHN	AT	50H0	F1B	119	E	00	31	N	30	106	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			38.0	BD0BK	CHN	AT	52H0	F1B	087	E	00	43	N	30	118	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			23.0	BH2UEZ	CHN	AT	50H0	F1B	121	E	00	38	N	30	89	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			23.0	BH4TIH	CHN	AT	50H0	F1B	119	E	00	31	N	30	97	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			36.0	BH1HWF	CHN	AT	52H0	F1B	117	E	00	40	N	30	90	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	7074.000	30	07			25.0	DL5GAC	D	AT	51H0	F1B	009	E	00	47	N	30	276	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	286	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			21.0	EA3EP	E	AT	51H0	F1B	003	E	00	41	N	30	273	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	EA5UB	E	AT	52H0	F1B	001	E	00	38	N	30	271	B		
RUS	NYAGAN	7074.000	30	07			23.0	F6HUK	F	AT	52H0	F1B	001	E	00	46	N	30	277	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			23.0	F6HUK	F	AT	52H0	F1B	001	E	00	46	N	30	281	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	F1PPH	F	AT	52H0	F1B	001	E	00	47	N	30	282	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			34.0	F6CAM	F	AT	52H0	F1B	003	E	00	50	N	30	285	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			38.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	281	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	F5SYC	F	AT	51H0	F1B	003	E	00	50	N	30	285	B		
RUS	NYAGAN	7074.000	30	07			32.0	OH2XO	FIN	AT	50H0	F1B	025	E	00	60	N	30	283	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	OH2XO	FIN	AT	50H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			17.0	OH3EYR	FIN	AT	50H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	OH1NHX	FIN	AT	52H0	F1B	021	E	00	61	N	30	300	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			21.0	OH1MP	FIN	AT	50H0	F1B	021	E	00	61	N	30	300	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			37.0	OH8AV	FIN	AT	51H0	F1B	025	E	00	65	N	30	312	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			25.0	2E0YDT	G	AT	52H0	F1B	001	W	00	54	N	30	292	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	MM0ABM	G	AT	50H0	F1B	005	W	00	55	N	30	292	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	SV1ONU	GRC	AT	50H0	F1B	023	E	00	38	N	30	250	B		
RUS	NYAGAN	7074.000	30	07			34.0	SV1EAG	GRC	AT	52H0	F1B	023	E	00	38	N	30	247	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			34.0	SV1EAG	GRC	AT	52H0	F1B	023	E	00	38	N	30	250	B		
RUS	NYAGAN	7074.000	30	07			27.0	SV2FNT	GRC	AT	51H0	F1B	021	E	00	40	N	30	252	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	SV2FNT	GRC	AT	51H0	F1B	021	E	00	40	N	30	255	B		
RUS	NYAGAN	7074.000	30	07			28.0	SV3SPD	GRC	AT	52H0	F1B	021	E	00	38	N	30	250	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			28.0	SV3SPD	GRC	AT	52H0	F1B	021	E	00	38	N	30	253	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			38.0	HA0DR	HNG	AT	50H0	F1B	021	E	00	47	N	30	266	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			25.0	PD1WO	HOL	AT	50H0	F1B	005	E	00	51	N	30	285	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			25.0	9A7PBV	HRV	AT	52H0	F1B	017	E	00	45	N	30	267	B		
RUS	NYAGAN	7074.000	30	07			25.0	9A7PBV	HRV	AT	52H0	F1B	017	E	00	45	N	30	262	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	IK0MHW	I	AT	51H0	F1B	013	E	00	41	N	30	265	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			19.0	IU8BPS	I	AT	50H0	F1B	015	E	00	40	N	30	261	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	IU2EBR	I	AT	51H0	F1B	011	E	00	45	N	30	272	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			36.0	IU3MAG	I	AT	50H0	F1B	013	E	00	45	N	30	270	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			21.0	IZ0MEA	I	AT	50H0	F1B	013	E	00	42	N	30	266	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	8J3ZNJ	J	AT	50H0	F1B	135	E	00	34	N	30	82	B		
RUS	NYAGAN	7074.000	30	07			23.0	JA3HWX	J	AT	50H0	F1B	135	E	00	34	N	30	89	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			23.0	JA3HWX	J	AT	50H0	F1B	135	E	00	34	N	30	82	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			34.0	JR1EMO	J	AT	52H0	F1B	139	E	00	35	N	30	78	B		
RUS	NYAGAN	7074.000	30	07			27.0	8J3ZNJ	J	AT	50H0	F1B	135	E	00	34	N	30	89	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	JA1FON	J	AT	51H0	F1B	139	E	00	35	N	30	78	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	UN7PAK	KAZ	AT	50H0	F1B	073	E	00	50	N	30	127	B		
RUS	NYAGAN	7074.000	30	07			32.0	UN7PAK	KAZ	AT	50H0	F1B	073	E	00	50	N	30	157	B		
RUS	NYAGAN	7074.000	30	07			30.0	UN7IN	KAZ	AT	52H0	F1B	057	E	00	50	N	30	205	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			30.0	UN7IN	KAZ	AT	52H0	F1B	057	E	00	50	N	30	204	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			36.0	UN7JMK	KAZ	AT	51H0	F1B	083	E	00	49	N	30	110	B		
RUS	NYAGAN	7074.000	30	07			28.0	OD5ZZ	LBN	AT	52H0	F1B	035	E	00	34	N	30	229	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			28.0	OD5ZZ	LBN	AT	52H0	F1B	035	E	00	34	N	30	230	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	LY2AE	LTU	AT	51H0	F1B	025	E	00	54	N	30	279	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	LY1CX	LTU	AT	52H0	F1B	025	E	00	55	N	30	282	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			21.0	LY3TG	LTU	AT	52H0	F1B	021	E	00	55	N	30	284	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			34.0	AP2MKS	PAK	AT	52H0	F1B	073	E	00	33	N	30	156	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			28.0	HF1MM	POL	AT	51H0	F1B	015	E	00	53	N	30	283	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	SQ7RN	POL	AT	50H0	F1B	021	E	00	50	N	30	272	B		
RUS	NYAGAN	7074.000	30	07			32.0	SP3T	POL	AT	50H0	F1B	017	E	00	52	N	30	272	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			32.0	SP3T	POL	AT	50H0	F1B	017	E	00	52	N	30	279	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			25.0	SP9CKS	POL	AT	52H0	F1B	019	E	00	49	N	30	272	B		
RUS	NYAGAN	7074.000	30	07			25.0	SP9CKS	POL	AT	52H0	F1B	019	E	00	49	N	30	265	B		
RUS	NYAGAN	7074.000	30	07			28.0	HF1MM	POL	AT	51H0	F1B	015	E	00	53	N	30	275	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			34.0	YO8RNP	ROU	AT	50H0	F1B	027	E	00	44	N	30	255	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			27.0	YO8XCM	ROU	AT	50H0	F1B	027	E	00	47	N	30	261	B		
RUS	NYAGAN	7074.000	30	07			27.0	YO8XCM	ROU	AT	50H0	F1B	027	E	00	47	N	30	254	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			34.0	YO9ILA	ROU	AT	51H0	F1B	027	E	00	44	N	30	255	B		
RUS	NYAGAN	7074.000	30	07			34.0	YO9ILA	ROU	AT	51H0	F1B	027	E	00	44	N	30	249	B		
RUS	NYAGAN	7074.000	30	07			34.0	YO8RNP	ROU	AT	50H0	F1B	027	E	00	44	N	30	249	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			28.0	SM3VOX	S	AT	50H0	F1B	017	E	00	60	N	30	298	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			28.0	SM5VSS	S	AT	51H0	F1B	017	E	00	59	N	30	295	B		
RUS	NYAGAN	7074.000	30	07			28.0	SM5VSS	S	AT	51H0	F1B	017	E	00	59	N	30	286	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			25.0	S51TA	SVN	AT	52H0	F1B	015	E	00	45	N	30	268	B		
RUS	NYAGAN	7074.000	30	07			25.0	S51TA	SVN	AT	52H0	F1B	015	E	00	45	N	30	264	B		
RUS	VERHNEYE DUBROVO	7074.000	30	07			36.0	S58MU	SVN	AT	50H0	F1B	015	E	00	46	N	30	270	B		
F	RAMBOUILLET	7075.000	27	08	0600	1800	22.0				3K00E	J7B								A	9	
INS	MSKH-KUPANG	7080.000	17	07	0235	0241	15.1		INS	AT	2K40E	J3E							285	A		AMATEUR RADIO
INS	MSTM-MEDAN	7080.000	29	07	0640	0653	40.0		INS	AT	2K00E	J3E							110			
INS	MSCK-TANGERANG	7080.000	26	08	1237	1238	25.6		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7080.000	30	08	0854	0854	42.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7080.000	12	09	1232	1232	35.5		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7085.000	25	07	0153	0156			INS	AT	2K70E	J3E										YD1DID
INS	MSCK-TANGERANG	7085.000	26	08	1239	1243			INS	AT	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
INS	MSCK-TANGERANG	7085.000	10	09	1248	1249			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7090.000	02	08	1208	1209	47.2		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7090.000	26	08	1244	1249	40.7		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7090.000	19	09	0929	1030	42.7		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	7095.000	17	07	0248	0252	4.6		INS	AT	2K40E	J3E							283	A		YC3RPW
INS	MSCK-TANGERANG	7100.000	19	09	0928	0928	43.4		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7105.000	02	09	0153	0154	44.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7105.000	19	09	0924	0925	44.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7115.000	26	07	0736	0737			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7115.000	26	08	1250	1252	42.3		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7115.000	19	09	0131	1235	44.6		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7120.000	01	07	0811	0811		YC3CBW,YB1FRI,YC4FLU	INS	BC	2K80E	J3E										
INS	MSKH-KUPANG	7120.000	12	08	1202	1209	20.1		INS	AT	2K40E	J3E										
INS	MSCK-TANGERANG	7125.000	26	07	0738	0741			INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7130.000	30	08	0355	0856	49.7		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7135.000	02	09	0156	0157	37.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7140.000	02	08	1211	1213	47.0		INS	AT	2K70E	J3E										
INS	MSWR-MERAUKE	7150.000	08	07	0100	0115	15.7		INS	AT	2K40	J3E										
INS	MSCK-TANGERANG	7160.000	25	07	0159	0201			INS	AT	2K70E	J3E										OM IING
INS	MSCK-TANGERANG	7160.000	26	08	1252	1259	29.0		INS	AT	2K70E	J3E										
INS	MSCK-TANGERANG	7160.000	12	09	1230	1230	30.0		INS	AT	2K70E	J3E										
INS	MSTM-MEDAN	7170.000	13	08	0625	0630			INS	AT	6K00E	J3E										
G	BALDOCK	7205.000	26	07				PBS XINJIANG	CHN	BC	9K00E	A3E							63	C		
G	BALDOCK	7209.000	05	07					RUS	FX	10K0E	P0N							69	A		
KOR	CRMS	7210.000	01	07	0012	0012	6.5	CNR	CHN	BC	15K0	A3E									3	
ROU	BELCIUGATELE	7210.000	15	07	1100	1130	61.8	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Bulgarian language
KOR	CRMS	7210.000	02	09	0912	0912	23.0		KRE	BC	14K6	A3E									6	
KOR	CRMS	7220.000	30	08	0415	0415	4.5	KCB	KRE	BC	14K9	A3E									3	
G	BALDOCK	7225.000	05	07				VOICE OF AMERICA	STP	BC	9K00E	A3E							168	C		
G	BALDOCK	7230.000	02	07				CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E							59	C		
KOR	CRMS	7230.000	12	08	0035	0035	-19.5		KRE	BC	14K9	A3E									6	
G	BALDOCK	7240.000	26	07				PBS XIZANG	CHN	BC	9K00E	A3E							71	C		
RUS	MOROZOVS	7250.000	31	07	1600	1800	12.0		CHN	BC	6K00	A3E	107	E	19	35	N	09	80	B		
HNG	TARNOK	7250.000	09	08	1500	1557	14.6	CRI	CHN	BC	11K7	A3E										
HNG	TARNOK	7254.979	09	08	1616	1805	45.4	IRB	IRN	BC	9K89	A3E									3	
HNG	TARNOK	7255.001	09	08	2100	2400	23.7	PBS XIZANG	CHN	BC	10K0E	A3E										
HNG	TARNOK	7255.002	09	08	2000	2100	51.0			BC	10K0E	A3E										
G	BALDOCK	7260.000	27	07	0000			CHINA RADIO INT	CHN	BC	9K00E	A3E							65	C		
RUS	MOROZOVS	7260.000	31	07	1600	1800	11.0		CHN	BC	6K00	A3E	087	E	16	44	N	54	80	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	7260.005	09	08	0330	0400	48.8	VOA	CVA	BC	10K3	A3E										
HNG	TARNOK	7265.000	09	08	1558	1757	29.7	CNR2	CHN	BC	10K2	A3E										
HNG	TARNOK	7265.002	09	08	2030	2127	57.2	CRI	CHN	BC	10K9	A3E										
HNG	TARNOK	7274.999	09	08	1530	1829	16.1			BC	10K0E	A3E										
G	BALDOCK	7275.000	02	07				PBS XINJIANG	CHN	BC	9K00E	A3E							62	C		
RUS	MOROZOVSK	7275.000	31	07	1600	1800	14.0		CHN	BC	6K00	A3E	100	E	38	31	N	57	88	B		
HNG	TARNOK	7275.000	09	08	2100	2300	27.2	CNR1	CHN	BC	10K0E	A3E										
HNG	TARNOK	7275.020	09	08	0301	0355	70.8	TRT	TUR	BC	8K28	A3E									3	
RUS	ARKHANGELSK	7285.000	31	07	1320	1330	22.0	China Radio Int.	CHN	BC	888H	A3E							82	B		
HNG	TARNOK	7285.003	09	08	1800	1900	39.3			BC	10K0E	A3E										
HNG	TARNOK	7290.000	09	08	1600	1805	23.7			BC	10K0E	A3E										
HNG	TARNOK	7290.000	09	08	2100	2300	35.3			BC	9K12	A3E										
INS	MSKH-KUPANG	7290.000	21	08	0910	0917	14.2		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	21	08	1000	1005	46.4		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	22	08	0505	0515	17.2		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	22	08	0650	0700	27.9		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	22	08	0830	0840	45.4		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	23	08	1013	1020	61.1		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	26	08	0125	0155	13.5		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	28	08	0757	0815	20.0		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	29	08	1237	1240	20.0		INS	BC	9K00E	A3E										
J	TOKYO	7290.000	29	08	2100			CHINA R.I.	CHN	BC		A3E										
INS	MSKH-KUPANG	7290.000	30	08	0718	0730	30.0		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	06	09	0808	0812	11.5		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	11	09	1030	1040	68.4		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	17	09	0638	0642	30.0		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	23	09	0907	0912	45.8		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	7290.000	24	09	0720	0734	27.1		INS	BC	9K00E	A3E										
ROU	BELCIUGATELE	7291.000	11	07	1235	1300	51.9	Russian Navy	RUS	FX	3K00	J7D							85	A		Sevastopol Data Telex
HNG	TARNOK	7291.000	09	08	0000	2400	33.8				400H	F1B										200HZ,50BD
G	BALDOCK	7295.000	02	07				BBC	I	BC	9K00E	A3E							135	B		
HNG	TARNOK	7295.002	09	08	1857	2100	49.7	CRI	CHN	BC	10K4	A3E										
G	BALDOCK	7300.000	27	07					RUS	FX	20K0E	P0N							68	B		
HNG	TARNOK	7300.001	09	08	1500	1600	15.7			BC	10K0E	A3E										
HNG	TARNOK	7300.001	09	08	2100	2115	50.3	HCJB	G	BC	9K69	A3E										
G	BALDOCK	7305.000	02	07					USA	FX	100HE	A1A							286	C		
RUS	MOROZOVSK	7310.000	31	07	1600	1800	14.0		CHN	BC	6K00	A3E	082	E	54	42	N	25	86	B		
G	BALDOCK	7315.000	29	07				JRC RADIO TAMAZUI	F	BC	9K00E	A3E							149	C		
RUS	MOROZOVSK	7315.000	31	07	1600	1800	11.0		CHN	BC	6K00	A3E	104	E	47	31	N	42	85	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	7319.600	02	07					RUS	FX	20K0E	P0N							65	B		
J	TOKYO	7325.000	29	08	1000			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7325.000	09	09	0800	1000	32.0	CRI	CHN		10K0E	A3EG								A		
G	BALDOCK	7335.000	02	07				R. MARTI	USA	BC	9K00E	A3E							285	B		
RUS	MOROZOVSK	7335.000	31	07	1600	1800	10.0		CHN	BC	6K00	A3E	109	E	12	32	N	52	81	B		
G	BALDOCK	7335.000	07	09				Radio Marti	USA	FX	9K00E	A3E							281	B		
F	RAMBOUILLET	7335.000	09	09	0600	1000	29.0	MARTI RADIO	USA		10K0E	A3EG								A		
RUS	MOROZOVSK	7340.000	31	07	1600	1800	8.0		CHN	BC	6K00	A3E	120	E	45	24	N	01	81	B		
HNG	TARNOK	7349.998	11	08	1500	1604	14.3	CNR11	CHN	BC	11K7	A3E										
G	BALDOCK	7350.000	27	07				CHINA RADIO INT	CHN	BC	9K00E	A3E							71	C		
RUS	MOROZOVSK	7350.000	31	07	1600	1800	15.0		CHN	BC	9K00	A3E	102	E	49	35	N	04	83	B		
J	TOKYO	7355.000	29	08	1200			KNLS I.	USA	BC		A3E										
J	TOKYO	7355.800	17	07	1113														322	D		
INS	MSPA-SAMARINDA	7359.000	28	08	0815	0820	32.6		INS	FX	2K70E	J3E										
HNG	TARNOK	7359.999	11	08	1500	1600	14.7			BC	11K7	A3E										
G	BALDOCK	7360.000	02	07				VOICE OF TURKEY	TUR	BC	9K00E	A3E							106	C		
HNG	TARNOK	7360.000	11	08	2100	2400	39.8	CNR 2	CHN	BC	11K0	A3E										
F	RAMBOUILLET	7360.000	10	09	1200	1800	32.0	CRI	CHN		10K0	A3EG								A		
HNG	TARNOK	7360.020	11	08	1730	1825	61.7	TRT	TUR	BC	7K35	A3E									3	
G	BALDOCK	7365.000	02	07				R. MARTI	USA	BC	9K00E	A3E							288	B		
HNG	TARNOK	7365.001	11	08	1900	2100	33.5	VOA	THA	BC	11K3	A3E										
HNG	TARNOK	7369.997	11	08	1500	1604	15.8	CNR 2	CHN	BC	11K7	A3E										
HNG	TARNOK	7369.998	11	08	2100	2300	46.1	CNR 2	CHN	BC	11K7	A3E										
F	RAMBOUILLET	7370.000	10	09	1200	1800	32.0	CNR	CHN		10K0	A3EG								A		
G	BALDOCK	7373.000	02	07					RUS	FX	250HE	F1B							91	B		
HNG	TARNOK	7373.000	11	08	1900	2400	25.0				400H	F1B									200HZ, 50BD	
HNG	TARNOK	7375.001	11	08	1655	1900	31.4	NHK	J	BC	11K4	A3E										
HNG	TARNOK	7375.002	11	08	0400	0500	34.9	VOA	G	BC	9K67	A3E										
G	BALDOCK	7385.000	27	07				PBS XIZANG	CHN	BC	9K00E	A3E							73	C		
F	RAMBOUILLET	7385.000	10	09	1200	1800	32.0	PBS	CHN		10K0	A3EG								A		
HNG	TARNOK	7385.001	11	08	1500	2300	22.9	PBS XIZANG	CHN	BC	10K8	A3E										
HNG	TARNOK	7385.001	11	08	1858	1957	66.5	CRI	CHN	BC	9K10	A3E										
HNG	TARNOK	7385.001	11	08	2100	2300	49.0	PBS XIZANG	CHN	BC	10K8	A3E										
HNG	TARNOK	7390.000	11	08	2030	2100	53.2	CRI	CHN	BC	10K2	A3E										
HNG	TARNOK	7390.002	11	08	0430	0500	54.2	AWR	D	BC	12K4	A3E										
F	RAMBOUILLET	7398.000	11	09	0630	1800	35.0				3K00E	J7B								A	9	
F	RAMBOUILLET	7398.250	10	09	0600	1800	19.0				2K80E	J7B								A	9	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	7402.000	17	07	1121							A1A										
J	TOKYO	7405.400	10	09	0842				CHN			J2D	119	E	10	27	N	06	250	B		
I	ROMA	7410.000	26	07	0000	2400	16.0	BBC	G	BC	9K00E	A3E							211	A		ASCENSION ISLAND
J	TOKYO	7410.000	29	08	1300			CHINA R.I.	CHN	BC		A3E										
F	RAMBOUILLET	7410.000	12	09	0600	0700	32.0	R. ASCENSION	G		10K0	A3EG								A		
INS	MSKH-KUPANG	7424.000	12	08	0000	2400	14.9		INS	MA	2K70E	J3E										
J	TOKYO	7430.000	27	08	0036					BC		A3E										
J	TOKYO	7433.500	06	08	0633			HLL2				F3C										
J	TOKYO	7433.500	14	08	0422			HLL2				F3C	128	E	01	36	N	11	277	B		
J	TOKYO	7433.500	20	08	0208			HLL2				F3C							287	D		
J	TOKYO	7433.500	27	08	0043			HLL2				F3C							277	D		
J	TOKYO	7433.500	10	09	0845			HLL2				F3C	127	E	27	36	N	22	278	B		
J	TOKYO	7433.500	18	09	0634			HLL2				F3C	128	E	02	35	N	49	275	B		
G	BALDOCK	7435.000	05	07				R.MARTI	USA	BC	9K00E	A3E							287	C		
I	ROMA	7435.000	26	07	0620		14.0	R. MARTI	USA	BC	10K0E	A3E							300	B		
J	TOKYO	7435.000	29	08	1100			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	7435.000	07	09				Radio Marti	USA	FX	9K00E	A3E							281	B		
F	RAMBOUILLET	7435.000	11	09	0630	1000	30.0	R.MARTI	USA		10K0	A3EG								A		
G	BALDOCK	7445.000	02	07				BBC	OMA	BC	9K00E	A3E							96	C		
G	BALDOCK	7445.500	07	07					I	FX	1K10E	F1B							140	B		850HZ SHIFT 75 BAUDS
G	BALDOCK	7450.000	21	09				PBS XIZANG	CHN	BC	9K00E	A3E							74	B		LHASA TX
HNG	TARNOK	7455.000	13	08	0000	2400	29.2				3K00E	G1D										STANAG 4285
G	BALDOCK	7456.000	02	07					D	FC	3K00E	G1D							71	A		2400
I	ROMA	7456.000	26	07	0620		21.0		D	FX	3K00E	G1D							356	B		STANAG 4285
I	ROMA	7456.000	05	08	1242		6.0		D	FX	3K00E	G1D							346	A		STANAG 4285
I	ROMA	7456.000	20	08	0827		12.0		D	FX	3K00E	G1D							342	B		STANAG 4285
I	ROMA	7456.000	06	09	0652		15.0		D	FX	3K00E	G1D							346	A		STANAG 4285
I	ROMA	7456.000	13	09	0801		2.0		D	FX	3K00E	G1D							346	A		STANAG 4285
G	BALDOCK	7456.000	21	09					D	FL	3K00E	G1D							71	B		2400
J	TOKYO	7457.000	24	07	0828							F1B										
G	BALDOCK	7457.000	31	07					USA	FL	1K10E	F1B							292	B		STANAG ST
J	TOKYO	7457.000	10	09	0845				RUS			F1B	131	E	42	43	N	37	323	B		
HNG	TARNOK	7460.000	13	08	0330	0530	33.2	VOA	BOT	BC	9K35	A3E										
G	BALDOCK	7460.000	10	09				VOICE OF AMERICA	BOT	BC	9K00E	A3E							153	B		
J	TOKYO	7476.000	17	07	1123							A1A										
G	BALDOCK	7479.500	07	07					I	FL	1K10E	F1B							142	B		850 HZ SHIFT 75
HNG	TARNOK	7482.000	13	08	0330	0345	24.9				16K0E	F0N										OTHR
HNG	TARNOK	7482.000	13	08	0414	0430	26.7				16K0E	F0N										OTHR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	7489.000	07	07				MURMANSK NAVAL	RUS	FC	290HE	F1B							31	B		200HZ SHIFT 50
G	BALDOCK	7490.000	13	07				OVERCOMER MINISTRY	USA	BC	9K00E	A3E							292	B		MONITCELLO TX
HNG	TARNOK	7492.000	13	08	1926	1955	48.2				20K0E	F0N										OTHR
RUS	IRKUTSK	7495.000	01	08	1500	1530	21.0		THA	BC	7K89	A3E	102	E	18	16	N	19	184	A	11	
G	BALDOCK	7495.000	21	09				VOA RADIO ASHNA	CHN	BC	9K00E	A3E							71	B		ODON THANI TX
HNG	TARNOK	7495.004	13	08	1430	1730	26.6	VOA	THA	BC	9K26	A3E										
J	TOKYO	7500.000	18	09	0600														246	D		
J	TOKYO	7500.000	18	09	0636				CHN				119	E	26	25	N	57	247	B		
INS	MSKH-KUPANG	7502.000	17	07	0310	0317	10.2		INS	MS	2K40E	J3E							287	B		
G	BALDOCK	7505.000	13	07				WRNO	USA	BC	9K00E	A3E							292	B		NEW ORLEANS TX
J	TOKYO	7508.000	03	09	1000							F1B							320	D		
J	TOKYO	7508.000	10	09	0750				RUS			F1B	131	E	06	42	N	48	317	A		
J	TOKYO	7508.000	18	09	0605				RUS			F1B	131	E	51	43	N	32	324	B		
G	BALDOCK	7508.700	07	07				D BEACON SEVASTOPOL	RUS	FC	100HE	A1A							93	B		"D" -
ROU	BELCIUGATELE	7508.700	03	09	0723	0811	39.4	D Beacon Sevastopol	RUS	FC	100HE	A1A							85	A		Sevastopol
G	BALDOCK	7508.700	10	09				D- BEACON (SEVPOL)	RUS	FC	100HE	A1A							94	A		D -
G	BALDOCK	7508.900	31	07				S BEACON SEVEROMARSK	RUS	FL	100HE	A1A							31	A		
G	BALDOCK	7508.900	10	09				S-BEACON (SEVMORSK)	RUS	FX	100HE	A1A							32	B		S -
G	BALDOCK	7509.000	07	07				C - BEACON (MOSCOW)	RUS	FX	100HE	A1A							66	B		"C" BEACON FROM
G	BALDOCK	7509.000	10	09				C - BEACON (MOSCOW)	RUS	FX	100HE	A1A							65	A		C -
INS	MSKH-KUPANG	7510.000	12	08	1217	1224	19.6		INS	MA	2K70E	J3E										
J	TOKYO	7513.000	17	07	1124														247	C		
HNG	TARNOK	7515.000	13	08	1710	1800	58.4			BC	13K2	A3E										
I	ROMA	7519.000	26	07	0627	0627	19.0	YK11		FX	3K00E	J2D							192	A		MIL STD 188-141 ALE
I	ROMA	7519.000	26	07	0628	0628	4.0	HN10		FX	3K00E	J2D										MIL STD 188-141 ALE
I	ROMA	7519.000	26	07	0631	0631	16.0	UL20		FX	3K00E	J2D										MIL STD 188-141 ALE
I	ROMA	7519.000	26	07	0635	0635	12.0	WL10		FX	3K00E	J2D							187	A		MIL STD 188-141 ALE
G	BALDOCK	7520.000	07	07				WWCR OVERCOMER MIN	USA	BC	9K00E	A3E							291	B		NASHVILLE TX
INS	MSKH-KUPANG	7540.000	17	07	0348	0353	11.4		INS	MS	2K40E	J3E							286	B		
HNG	TARNOK	7540.000	13	08	1700	1900	49.7	VOA	THA	BC	10K1	A3E										
INS	MSPA-SAMARINDA	7540.000	28	08	0810	0815	22.5		INS	FX	2K70E	J3E										
G	BALDOCK	7540.000	21	09				VOA DEEWA RADIO	CHN	BC	9K00E	A3E										UDON THANI TX
J	TOKYO	7544.320	03	09	1013							A1A							304	D		
G	BALDOCK	7545.500	13	07					I	FC	1K10E	F1B							131	B		850 HZ SHIFT 75
HNG	TARNOK	7545.500	13	08	0000	2400	36.7				750H	F1B										75BD 200HZ
INS	MSKH-KUPANG	7550.000	03	07	0000	2400	10.7		INS	MS	2K40E	J3E							310	B		FISHERMAN
HNG	TARNOK	7556.000	13	08	0000	2400	34.4				3K00E	G1D										STANAG 4285
G	BALDOCK	7556.400	02	07					F	FC	3K00E	G1D							169	B		2400
I	ROMA	7556.400	26	07	0935		35.0		F	FX	3K00E	G1D							283	A		STANAG 4285 2400BD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	7556.400	29	07	0853		25.0		F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	7556.400	05	08	1244		16.0		F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	7556.400	16	08	0848		22.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	7556.400	20	08	0826		27.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	7556.400	09	09	1103		8.0		F	FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	7556.400	10	09				FUG (SAISSAC)	F	FX	3K00E	G1D							169	A		2400
I	ROMA	7563.700	26	07	0937		5.0			FX	925HE	F1B										75BD
G	BALDOCK	7570.000	13	07				THE OVERCOMER MIN	USA	BC	9K00E	A3E							286	B		OKEECHOBEE TX
G	BALDOCK	7571.000	10	09					RUS	FC	290HE	F1B								A		SEVASTOPOL NAVAL
J	TOKYO	7572.380	03	09	1014														258	D		
INS	MSCK-TANGERANG	7573.000	01	07	0829	0830	10.0		INS	MS	2K70E	J3E										FISHERMAN
INS	MSCK-TANGERANG	7573.000	05	07	0809	0810	11.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	7573.000	09	07	0827	0828	10.0		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	7575.000	03	07	0633	0637	22.4		INS	MS	2K40E	J3E							280	A		FISHERMAN
INS	MSWR-MERAUKE	7576.000	05	07	1100	1105	36.5		INS	FC	2K70E	J3E										
INS	MSKH-KUPANG	7576.000	08	07	0840	0845	16.3		INS	MS	2K40E	J3E							289	B		
INS	MSKH-KUPANG	7576.000	09	07	0158	0215	23.9		INS	MS	2K40E	J3E							293	A		
INS	MSWR-MERAUKE	7576.000	22	07	0835	0840	36.5		INS	FC	2K70E	J3E										
INS	MSWR-MERAUKE	7576.000	23	07	1015	1020	25.5		INS	FC	2K70E	J3E										
INS	MSKH-KUPANG	7576.800	03	07	0700	0709	17.3		INS	MS	2K40E	J3E							350	B		FISHERMAN
INS	MSKH-KUPANG	7578.900	15	07	0730	0738	20.2			MS	2K40E	J3E							116	A		
INS	MSKH-KUPANG	7579.000	09	07	0215	0222	23.8		INS	MS	2K40E	J3E							2	A		
INS	MSKH-KUPANG	7580.000	08	07	0850	0855	12.1		INS	MS	2K40E	J3E							289	B		
INS	MSCK-TANGERANG	7580.000	23	07	0305	0308	60.7		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	7581.000	08	07	0845	0850	14.2		INS	MS	2K40E	J3E							287	B		
HNG	TARNOK	7581.000	13	08	0000	0404	35.2				3K00E	G1D										STANAG 4285
HNG	TARNOK	7581.000	13	08	1512	2400	18.9				3K00E	G1D										STANAG 4285
INS	MSCK-TANGERANG	7583.500	22	07	0824	0827	45.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	7583.500	24	07	0830	0833	50.2		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	7583.700	03	07	0558	0631	18.9		INS	MS	2K40E	J3E							7	A		FISHERMAN
INS	MSKH-KUPANG	7583.800	03	07	0149	0152	20.3		INS	MS	2K40E	J3E							351	A		FISHERMAN
INS	MSKH-KUPANG	7583.800	03	07	0152	0156	24.6		INS	MS	2K40E	J3E							286	A		FISHERMAN
INS	MSKH-KUPANG	7583.800	09	07	0222	0226	19.1		INS	MS	2K40E	J3E							299	A		
INS	MSKH-KUPANG	7583.800	18	07	0845	0855	33.2		INS	MS	2K40E	J3E							274	A		
G	BALDOCK	7597.000	31	07					USA	FL	1K10E	F1B							310	A		STANAG
J	TOKYO	7597.000	03	09	1019							F1B							49	D		
G	BALDOCK	7597.000	10	09					USA	FX	1K10E	F1B							298	B		850HZ SHIFT 75
J	TOKYO	7597.000	10	09	0755							F1B							50	C		
HNG	TARNOK	7599.939	13	08	1455	1744	21.4	SOH XI WANG	CHN	BC	9K66	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
I	ROMA	7609.000	01	08	2125	2125	27.0	MV01		FX	3K00E	J2D							203	A		MIL STD 188-141 ALE
I	ROMA	7625.000	01	08	2110		45.0	TVOM	UZB	BC	9K00E	A3E							69	A		
HNG	TARNOK	7630.000	13	08	0000	1730	34.1				750H	F1B										75BD 200HZ
J	TOKYO	7636.990	20	08	0134							F1B							322	D		
J	TOKYO	7637.010	18	09	0607				RUS			F1B	139	E	27	43	N	30	324	B		
J	TOKYO	7644.960	03	09	1022			SOUND OF HOPE		BC		A3E	121	E	48	24	N	45	242	B	11	
J	TOKYO	7645.080	17	07	1001			SOUND OF HOPE		BC		A3E							242	C	11	
G	BALDOCK	7646.000	02	07				DDH7	D	FC	590HE	F1B							71	A		450HZ SHIFT 50
I	ROMA	7646.000	01	08	2110		39.0	DDH7	D	SM	800HE	F1B							349	A		BAUDOT 50 BD
I	ROMA	7646.000	20	08	0823		12.0	DDH7	D	SM	800HE	F1B							351	A		BAUDOT 50 BD
ROU	BELCIUGATELE	7646.000	03	09	0835	0906	35.9	DDH7	D	FC	590HE	F1B							316	A		Meteo Fax
ROU	BELCIUGATELE	7646.000	05	09	0721	0756	36.9	DDH7	D	FC	600HE	F1B							318	A		Weather Data
G	BALDOCK	7646.000	10	09				DDH7	D	FL	590HE	F1B							72	A		GERMAN WEATHER
I	ROMA	7646.000	13	09	0803		4.0	DDH7	D	SM	800HE	F1B							350	A		BAUDOT 50 BD
G	BALDOCK	7651.000	15	07					RUS	FX	3K30E	J7D							49	B		
G	BALDOCK	7657.000	10	09				MURMANSK NAVAL	RUS	FC	290HE	F1B							32	A		200HZ SHIFT 50
G	BALDOCK	7667.000	31	07					RUS	FX	3K30E	J7D							68	B		1200
I	ROMA	7667.000	01	08	2110		41.0		RUS	FX	3K00E	J2D							42	A		MFSK CIS
G	BALDOCK	7667.000	10	09					RUS	FL	3K00E	J7D							65	B		1200
G	BALDOCK	7702.000	31	07					RUS	FX	3K30E	F1B							66	B		1200
I	ROMA	7707.000	01	08	2125		18.0			FX	3K00E	J2D							102	B		
J	TOKYO	7719.990	20	08	0139			V.O. HOPE		BC		A3E									11	
J	TOKYO	7720.000	02	07	0132			ECHO OF HOPE		BC		A3E	126	E	58	37	N	25	284	B	11	
J	TOKYO	7720.000	08	07	2346			ECHO OF HOPE		BC		A3E							285	D	11	
J	TOKYO	7720.000	17	07	1003					BC		A3E							285	D		
J	TOKYO	7720.000	24	07	0748			V.O. HOPE		BC		A3E	127	E	07	37	N	52	286	B	11	
I	ROMA	7720.000	01	08	2120		36.0	ECHO OF HOPE VOH	KOR	BC	9K00E	A3E							44	A		
RUS	SLAVYANKA	7720.000	02	08	0005	0035	49.0		KOR	BC	1K98	A3E	127	E	33	37	N	24	209	A	11	
J	TOKYO	7720.000	06	08	0615					BC		A3E							277	C		
J	TOKYO	7720.000	14	08	0416					BC		A3E							280	D		
J	TOKYO	7720.000	26	08	2346			V.O.HOPE		BC		A3E	126	E	56	37	N	39	285	B	11	
J	TOKYO	7720.000	03	09	1023			ECHO OF HOPE		BC		A3E									11	
J	TOKYO	7729.930	03	09	1029			CHINA N.R.		BC		A3E									11	
J	TOKYO	7730.000	17	07	1005				CHN	BC		A3E	119	E	47	28	N	18	263	A		
J	TOKYO	7730.000	26	08	2348				CHN	BC		A3E	116	E	28	39	N	29	288	B		
G	BALDOCK	7730.000	10	09				WRMI OVERCOMER	USA	BC	9K00E	A3E							276	B		OKEECHOBEE TX
INS	MSKH-KUPANG	7754.000	03	07	0544	0558	31.5		INS	MS	2K40E	J3E							292	A		FISHERMAN
I	ROMA	7758.000	01	08	0842	2110	48.0	OTH RADAR	RUS	FX	15K0E	P0N							48	A		
G	BALDOCK	7780.000	15	07				THE OVERCOMER MIN	USA	BC	9K00E	A3E							287	B		OKEECHOBEE TX

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	7780.000	10	09				RAE ARGENTINA WORLD	USA	BC	9K00E	A3E							277	B		OKEECHOBEE TX
I	ROMA	7841.000	09	08	0648		4.0				2K70E	J3E							97	A		
I	ROMA	7841.000	09	08	0659		2.0				2K70E	J3E							238	A		
I	ROMA	7841.000	09	08	0700	0702	13.0				3K00E	J2D							208	A		
G	BALDOCK	7850.000	13	07				CHU (CANADA)	CAN	SS		H3E							297	B		TIME
I	ROMA	7850.000	09	08	0645		2.0	CHU	CAN	SS	3K00E	H3E							308	A		
G	BALDOCK	7851.000	10	09				CHU (TIME SIGNAL)	CAN	SS		A1A	075	W	45	45	N	18	295	A		TIME
J	TOKYO	7860.000	06	08	0618														295	D		
J	TOKYO	7860.000	10	09	0806				KRE				125	E	40	40	N	22	297	B		
HNG	TARNOK	7870.000	15	08	0356	0402	19.3				2K80E	J3E										USB
G	BALDOCK	7876.400	21	09					I	FL	3K00E	G1D							133	B		2400
I	ROMA	7876.500	13	09	0804		38.0			FX	3K00E	G1D							83	A		STANAG 4285
G	BALDOCK	7880.000	02	07				DDK3	D	SM	1K10E	F1C							71	A		WEATHER FACSIMILE
I	ROMA	7880.000	09	08	0645		40.0	DDK3	D	SM	1K50E	F1C							352	A		FAX 120 RPM
HNG	TARNOK	7880.000	15	08	0430	2317	44.9	DDK3 HAMBURG	D	SM	6K81	F1C										WEATHERFAX
ROU	BELCIUGATELE	7880.000	03	09	0907	0947	50.9	DDK3	D	FC	1K90	F1C							318	A		Weather Data
HNG	TARNOK	7887.000	15	08	0345	0416	19.0				2K80E	J3E										USB
J	TOKYO	7895.970	24	07	0754							F1B							251	D		
J	TOKYO	7896.000	10	09	0810				RUS			F1B	158	E	23	54	N	11	27	B		
J	TOKYO	7896.000	18	09	0615				RUS			F1B	157	E	18	52	N	56	30	B		
J	TOKYO	7896.000	25	09	0418							F1B							30	D		
G	BALDOCK	7923.000	11	09					RUS	FX	3K00E	J7D							55	B		120
HNG	TARNOK	7924.600	15	08	1652	2400	24.6				3K00E	G1D										CODAN-3212
HNG	TARNOK	7957.000	15	08	0350	0420	32.0				100HE	A1B										
G	BALDOCK	7967.000	11	09					AUS	LR	30K0E	P0N							70	B		OTHR
HNG	TARNOK	7970.000	15	08	1835	1920	40.8				20K0E	F0N										OTHR
J	TOKYO	7970.000	10	09	0814				KRE				125	E	37	39	N	42	292	B		
HNG	TARNOK	7971.000	15	08	2011	2034	23.1				30K0E	F0N										OTHR
J	TOKYO	7973.000	02	07	0134				RUS			F1B	131	E	52	43	N	03	321	B		
HNG	TARNOK	7976.000	15	08	1949	2004	20.8				20K0E	F0N										OTHR
HNG	TARNOK	7979.000	15	08	0229	0244	30.7				13K0E	F0N										OTHR
INS	MSKH-KUPANG	8000.000	03	07	0204	0209	19.5		INS	MS	2K40E	J3E							3	B		FISHERMAN
INS	MSKH-KUPANG	8000.000	08	07	0855	0900	32.2		INS	MS	2K40E	J3E							1	A		
INS	MSCK-TANGERANG	8000.000	08	07	0957	0958	10.3		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	8000.000	10	07	0238	0240	20.0		INS	MS	2K40E	J3E										
INS	MSKH-KUPANG	8000.000	17	07	0425	0431	20.7		INS	MS	2K40E	J3E							344	A		
INS	MSKH-KUPANG	8000.000	17	07	0620	0630	25.9		INS	MS	2K40E	J3E							4	A		KMN. AISAH 34
INS	MSKH-KUPANG	8000.000	17	07	0655	0705	21.2		INS	MS	2K40E	J3E							9	A		KMN. TIARA 02
INS	MSKH-KUPANG	8000.000	23	07	0630	0633	20.6		INS	MS	2K80E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSPA-SAMARINDA	8000.000	13	08	0725	0726			INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	8000.000	23	09	0830	0835	38.2		INS	MS	2K40E	J3E							4	A		
INS	MSKH-KUPANG	8000.000	23	09	0835	0840	33.6		INS	MS	2K40E	J3E							1	A		
INS	MSKH-KUPANG	8000.000	30	09	0908	0915	28.8		INS	MS	2K40E	J3E							1	A		
INS	MSPA-SAMARINDA	8003.500	13	07	0310	0333	18.7		INS	FX	7K34E	J3E							0			
INS	MSKH-KUPANG	8005.000	03	07	0710	0723	19.4		INS	MS	2K40E	J3E							1	A		FISHERMAN
INS	MSKH-KUPANG	8005.000	08	07	0900	0905	36.2		INS	MS	2K40E	J3E							2	A		
INS	MSPA-SAMARINDA	8006.000	13	07	0333	0350	14.3		INS	FX	2K08E	J3E							0			
INS	MSKH-KUPANG	8008.000	17	07	0432	0440	4.6		INS	MS	2K40E	J3E							1	B		
INS	MSKH-KUPANG	8009.000	03	07	0209	0214	13.9		INS	MS	2K40E	J3E							5	B		FISHERMAN
INS	MSKH-KUPANG	8009.000	08	07	0905	0910	17.8		INS	MS	2K40E	J3E							5	A		
INS	MSKH-KUPANG	8010.000	04	07	0410	0450	34.1		INS	MS	2K40E	J3E							3	A		FISHERMAN
INS	MSCK-TANGERANG	8010.000	05	07	0814	0815	11.0		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	8010.000	10	07	0620	0622	30.0		INS	MS	2K80E	J3E										
INS	MSKH-KUPANG	8010.000	17	07	0550	0555	22.3		INS	MS	2K40E	J3E							6	A		KMN. AISAH 01
INS	MSCK-TANGERANG	8011.500	24	07	0838	0841	40.3		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	8015.000	10	07	0625	0627	25.0		INS	MS	2K80E	J3E										
INS	MSKH-KUPANG	8020.000	10	07	0629	0632	28.7		INS	MS	2K80E	J3E										
G	BALDOCK	8025.000	21	09					RUS	FC	700HE	F1B							31	B		500HZ SHIFT 100
INS	MSCK-TANGERANG	8033.000	26	07	0811	0816			INS	MS	2K80E	J3E										
HNG	TARNOK	8037.250	15	08	0401	1707	36.1				3K00E	G1D										STANAG 4285
G	BALDOCK	8037.500	02	07					RUS	FC	290HE	F1B							71	B		KALININGRAD 220 HZ
ROU	BELCIUGATELE	8038.000	18	07	0755	0901	44.8	Data		FX	3K00	J7D							132	A		Data
RUS	BELGOROD	8038.270	05	08	0825	0828	15.6		TUR		2K90	G1D	032	E	47	40	N	38	196	B		
I	ROMA	8038.300	13	08	0710		4.0		TUR	FX	3K00E	G1D							89	A		STANAG 4285 2400BD
J	TOKYO	8040.000	17	07	1018				RUS			F1B	157	E	43	54	N	11	23	B		
INS	MSKH-KUPANG	8045.000	10	07	0635	0638	10.0		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	8050.000	26	08	0224	0226	42.8		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	8050.000	19	09	1242	1244	39.6		INS	MS	2K80E	J3E										
J	TOKYO	8053.980	24	07	0759							F1B										
J	TOKYO	8053.990	03	09	1035							F1B							357	D		
J	TOKYO	8054.000	06	08	0621							F1B							356	C		
J	TOKYO	8054.000	10	09	0817				RUS			F1B	137	E	52	50	N	14	354	B		
HNG	TARNOK	8065.000	15	08	1712	2400	25.7				3K00E	G1D										CODAN-3212
J	TOKYO	8078.000	03	09	1038														344	D		
J	TOKYO	8078.000	10	09	0823				RUS				132	E	01	51	N	32	342	B		
J	TOKYO	8085.320	08	07	2356							A1A							308	D		
G	BALDOCK	8093.400	11	09					I	FC	3K00E	G1D							126	B		2400
HNG	TARNOK	8093.500	15	08	0000	2400	19.7				3K00E	G1D										STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	8093.500	09	09	1300		20.0			FX	3K00E	G1D							110	A		STANAG 4285 600 LONG
I	ROMA	8093.500	13	09	0859		27.0			FX	3K00E	G1D							110	A		STANAG 4285
INS	MSCK-TANGERANG	8101.000	19	09	1245	1246	47.6		INS	MS	2K80E	J3E										
I	ROMA	8106.300	13	09	0902		14.0			FX	3K10	F1C							118	A		METEOFAX
I	ROMA	8106.900	13	08	0857		23.0	SWA	GRC	FX	1K50E	F1C							118	A		FAX 120RPM
G	BALDOCK	8110.000	13	07					RUS	LR	20K0E	P0N							66	A		
G	BALDOCK	8113.000	15	09				VMW	AUS	SM		J3E							82	B		
G	BALDOCK	8113.500	02	07					RUS	FC	100HE	A1A							70	A		
I	ROMA	8115.000	13	08	0720	0720	22.0		G	FX	3K00E	J2D							323			MIL STD 188-141 ALE
J	TOKYO	8117.200	17	07	1023							J3E							247	C		
J	TOKYO	8121.000	10	09	0823				CHN			A1A	119	E	30	26	N	45	250	B		
G	BALDOCK	8136.000	02	07					RUS	FC	290HE	F1B							29	B		
G	BALDOCK	8141.000	17	09					D	FX	3K00E	G1D							70	A		
G	BALDOCK	8141.800	02	07					D	FC	3K00E	G1D							67	B		
G	BALDOCK	8142.000	13	07					D	FC	3K00E	G1D							67	A		
I	ROMA	8142.000	16	08	0851		10.0		D	FX	3K00E	G1D							345	A		STANAG 4285 2400BD
F	RAMBOUILLET	8142.250	09	09	0600	1800	22.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	8143.000	10	09	0825				RUS			F1B	132	E	14	43	N	22	323	B		
J	TOKYO	8143.000	18	09	0620				RUS			F1B	132	E	03	43	N	49	320	B		
J	TOKYO	8143.000	25	09	0422				RUS			F1B	131	E	48	43	N	12	322	A		
I	ROMA	8148.000	13	08	0714	0714	27.0	TNS	G	FX	3K00E	J2D							323	A		MIL STD 188-141 ALE
G	BALDOCK	8151.000	02	07					I	FC	3K00E	G1D							147	B		
I	ROMA	8151.000	16	08	0853		14.0			FX	3K00E	G1D							111	A		STANAG 4285 600 LONG
I	ROMA	8151.000	13	09	0916		13.0			FX	3K00E	G1D							111	A		STANAG 4285
G	BALDOCK	8152.000	11	09				RMP (KALININGRAD)	RUS	FC	100HE	A1A							71	A		REO DE RMP
INS	MSCK-TANGERANG	8155.000	19	09	1247	1249	44.0		INS	MS	2K80E	J3E										
J	TOKYO	8162.940	09	07	0003				RUS				132	E	09	42	N	58	321	A		
I	ROMA	8164.000	13	08	0705		3.0			FX	3K00E	G1D							337	A		STANAG 4285 2400BD
G	BALDOCK	8172.000	02	07					NOR	FC	3K00E	G1D							24	A		
G	BALDOCK	8172.000	17	09					NOR	FX	3K00E	G1D							28	A		
INS	MSCK-TANGERANG	8177.000	19	09	1250	1251	41.9		INS	MS	2K80E	J3E										
G	BALDOCK	8204.500	10	07					I	FX	3K00E	G1D							135	B		
HNG	TARNOK	8205.500	17	08	0000	2400	40.7				3K00E	G1D										STANAG 4285
I	ROMA	8205.700	09	09	1257		6.0			FX	3K10E	G1D							121	A		STANAG 4285
HNG	TARNOK	8227.000	17	08	1952	2006	48.8				16K0E	F0N										OTHR
HNG	TARNOK	8267.000	17	08	1700	1744	37.4				16K0E	F0N										OTHR
G	BALDOCK	8281.000	10	07						MS	3K00E	G1D							126	B		2400
G	BALDOCK	8281.800	22	07					CYP	FX	3K00E	G1D							118	B		
G	BALDOCK	8295.800	10	07						MS	3K00E	G1D							297	B		2400

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	8302.000	02	07	0141			XSG		FC		F3C	121	E	33	31	N	15	260	B		
J	TOKYO	8302.000	09	07	0008			XSG		FC		F3C	121	E	34	31	N	09	260	A		
J	TOKYO	8302.000	14	08	0432			XSG		FC		F3C							260	D		
J	TOKYO	8302.000	20	08	0148			XSG		FC		F3C										
HNG	TARNOK	8305.800	17	08	0000	0400	18.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	8305.800	17	08	1700	2400	18.9				3K00E	G1D										STANAG 4285
J	TOKYO	8310.000	17	07	1030							F1B							320	D		
J	TOKYO	8310.000	03	09	1042							F1B							278	D		
J	TOKYO	8310.000	25	09	0425							F1B							0	D		
G	BALDOCK	8314.000	10	07					CYP	FX	3K00E	G1D							112	B		2400
HNG	TARNOK	8314.000	17	08	0000	0400	26.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	8314.000	17	08	1700	2400	26.9				3K00E	G1D										STANAG 4285
G	BALDOCK	8317.500	10	07					F	FX	3K00E	G1D							155	B		2400
G	BALDOCK	8320.800	22	07					I	FX	3K00E	G1D							136	B		
I	ROMA	8321.000	29	07	0857		21.0			FX	3K00E	G1D							337			STANAG 4285 BR 2400
RUS	S. PETERSBURG	8321.000	07	08	0740	0750	16.0		F	FC		G1D							252	B		
HNG	TARNOK	8350.000	17	08	1700	1744	31.2				16K0E	F0N										OTHR
INS	MSCK-TANGERANG	8350.000	19	09	1252	1253	46.8		INS	MS	2K80E	J3E										
J	TOKYO	8352.960	03	09	1048				RUS				141	E	56	45	N	58	5	A		
I	ROMA	8363.000	26	07	1033		15.0			FX	3K00E	G1D							233	A		MIL 188-110A
I	ROMA	8363.000	26	07	1037		10.0			FX	3K00E	G1D							238	A		MIL 188-110A
I	ROMA	8366.400	16	08	1547														83	B		
HNG	TARNOK	8366.500	17	08	0000	0500	34.1				3K00E	G1D										STANAG 4285
J	TOKYO	8397.500	10	09	0827							F1B							280	C		
J	TOKYO	8397.500	18	09	0622				KOR			F1B	126	E	55	37	N	23	283	B		
I	ROMA	8410.000	08	07	1307		7.0			FX	3K00E	G1D							336	A		STANAG 4285
G	BALDOCK	8410.000	22	07					F	FX	3K00E	G1D							165	B		
I	ROMA	8410.000	29	07	0904		21.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	8410.000	22	08	0705		25.0			FX	3K00E	G1D							338	A		STANAG 4285
I	ROMA	8410.000	13	09	0920		13.0			FX	3K00E	G1D							338	A		STANAG 4285
J	TOKYO	8416.500	17	07	1033							F1B										
J	TOKYO	8416.500	10	09	0830							F1B							86	D		
J	TOKYO	8416.540	03	09	1053							F1B										
J	TOKYO	8421.000	17	07	1035			XSQ		FC		F1B										
J	TOKYO	8421.000	06	08	0626			XSQ		FC		F1B										
J	TOKYO	8421.000	26	08	2356			XSQ		FC		F1B	119	E	19	26	N	27	249	B		
J	TOKYO	8421.000	10	09	0832			XSQ		FC		F1B										
J	TOKYO	8421.000	18	09	0624			XSQ		FC		F1B										
I	ROMA	8424.000	22	08	0658		30.0	DE SVO	GRC	FC	270HE	F1B							118	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	8425.500	02	07	0143			XSG		FC		F1B										
J	TOKYO	8425.500	09	07	0015			XSG		FC		F1B							261	D		
J	TOKYO	8425.500	17	07	1036			XSG		FC		F1B										
J	TOKYO	8425.500	24	07	0810			XSG		FC		F1B										
J	TOKYO	8425.500	06	08	0630			XSG		FC		F1B										
J	TOKYO	8425.500	20	08	0157			XSG		FC		F1B										
J	TOKYO	8425.500	26	08	2357			XSG		FC		F1B	121	E	17	31	N	37	261	B		
J	TOKYO	8425.500	10	09	0835			XSG		FC		F1B										
J	TOKYO	8425.500	18	09	0628			XSG		FC		F1B										
J	TOKYO	8425.500	25	09	0430			XSG		FC		F1B										
I	ROMA	8431.000	22	08	0655		8.0	TAH	TUR	FC	270HE	F1B							86	B		SITOR
J	TOKYO	8431.000	18	09	0630			XSQ		FC		F1B										
J	TOKYO	8433.000	02	07	0146			XSG		FC		F1B										
J	TOKYO	8433.000	24	07	0819			XSG		FC		F1B										
J	TOKYO	8433.000	06	08	0631			XSG		FC		F1B										
G	BALDOCK	8439.000	10	07					F	FX	1K20E	F1B							162	B		75
I	ROMA	8439.000	22	08	0650		22.0	PBB	HOL	FC	1K00E	F1B							340	A		75 BD
I	ROMA	8439.000	13	09	0920		9.0	PBB	HOL	FC	1K00E	F1B							340	A		75 BD
J	TOKYO	8451.000	03	09	1058				RUS			F1B	139	E	49	48	N	05	358	A		
J	TOKYO	8451.000	10	09	0837							F1B							359	C		
I	ROMA	8454.800	08	07	1302		20.0			FX	3K00E	G1D							286	A		STANAG 4285
G	BALDOCK	8454.800	10	07					F	FX	3K00E	G1D							152	B		2400
I	ROMA	8454.800	22	08	0648		19.0			FX	3K00E	G1D							284	B		STANAG 4285
I	ROMA	8454.800	13	09	0923		15.0			FX	3K00E	G1D							284	A		STANAG 4285
I	ROMA	8454.800	23	09	1251		26.0			FX	3K00E	G1D							284	A		STANAG 4285
J	TOKYO	8458.980	03	09	1108							F3C							40	A		
G	BALDOCK	8459.400	10	07					I	FX	3K00E	G1D							131	B		2400
I	ROMA	8460.000	08	07	1302		6.0			FX	3K00E	G1D							326	A		STANAG 4285
I	ROMA	8460.000	13	09	0923		11.0			FX	3K00E	G1D							329	B		STANAG 4285
I	ROMA	8460.000	23	09	1253		11.0			FX	3K00E	G1D							326	A		STANAG 4285
G	BALDOCK	8465.000	10	07					E	FX	3K00E	G1D							190	B		2400
I	ROMA	8465.000	13	09	0924		21.0			FX	3K00E	G1D							265	A		STANAG 4285
G	BALDOCK	8480.000	10	07						MS	3K00E	G1D							255	B		2400
J	TOKYO	8493.300	10	09	0840							A1A							30	C		
J	TOKYO	8493.400	10	09	0840							A1A							359	C		
I	ROMA	8494.000	08	07	1300		1.0		E	FX	3K00E	G1D							268	A		STANAG 4285 2400BD
G	BALDOCK	8494.000	11	07					E	FX	3K00E	G1D							191	A		2400
I	ROMA	8494.000	23	09	1306		13.0		E	FX	3K00E	G1D							268	A		STANAG 4285 2400BD
ROU	BELCIUGATELE	8494.700	18	07	0930	1012	42.3	Data Morse Beacon		FX	600HE	A1A							87	A		Data Morse

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	8495.180	24	07	0823			F				A1A										
J	TOKYO	8495.200	02	07	0148			F				A1A							321	D		
J	TOKYO	8495.200	17	07	1041			F				A1A							326	D		
J	TOKYO	8495.200	06	08	0635			F				A1A	132	E	12	43	N	09	323	B		
J	TOKYO	8495.200	18	09	0635			F				A1A							325	D		
J	TOKYO	8495.300	17	07	1045			K				A1A							25	D		
J	TOKYO	8495.300	06	08	0636			K				A1A	158	E	00	53	N	00	30	B		
J	TOKYO	8495.300	03	09	1113			F				A1A	156	E	57	52	N	31	28	A		TAIWAN
J	TOKYO	8495.300	18	09	0635			K				A1A	155	E	14	52	N	48	30	B		
J	TOKYO	8495.400	02	07	0149			M				A1A							359	D		
J	TOKYO	8495.400	17	07	1048			M				A1A							359	D		
J	TOKYO	8495.400	06	08	0637			M				A1A	140	E	44	51	N	57	359	B		
J	TOKYO	8495.400	03	09	1114			M				A1A							357	D		
J	TOKYO	8495.400	18	09	0635			M				A1A							359	C		
G	BALDOCK	8503.900	11	07				NMG	USA	FL	1K10E	F1C							293	B		
I	ROMA	8507.500	08	07	1258		12.0			FX	3K00E	G1D							340	A		STANAG 4285
G	BALDOCK	8507.500	11	07					I	FX	3K00E	G1D							136	B		2400
I	ROMA	8507.500	29	07	0908		15.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	8507.500	22	08	0715		23.0			FX	3K00E	G1D							338	A		STANAG 4285
I	ROMA	8507.500	23	09	1307		21.0			FX	3K00E	G1D							335	A		STANAG 4285
I	ROMA	8514.000	08	07	1255		9.0			FX	3K00E	G1D							336	C		STANAG 4285 600 LON
I	ROMA	8514.000	29	07	0910		24.0			FX	3K00E	G1D							335	A		STANAG 4285 600 LON
I	ROMA	8518.800	29	07	0914		29.0			FX	3K00E	G1D							281	A		BAUDOT
I	ROMA	8518.800	22	08	0720		32.0			FX	3K00E	G1D							282	A		BAUDOT
I	ROMA	8526.000	22	08	0724		22.0			FX	3K00E	G1D							339	A		STANAG 4285
I	ROMA	8526.000	23	09	1309		15.0			FX	3K00E	G1D							338	A		STANAG 4285
J	TOKYO	8538.000	17	07	1054							F1B							165	D		
J	TOKYO	8538.000	24	07	0830				USA			F1B	144	E	47	13	N	30	168	B		GUM
J	TOKYO	8538.000	06	08	0645				USA			F1B	144	E	43	13	N	25	168	A		GUM
J	TOKYO	8538.000	03	09	1117							F1B							168	C		
J	TOKYO	8538.000	10	09	0845							F1B							168	C		
G	BALDOCK	8542.000	11	07					CAN	FX	3K00E	G1D							287	B		2400
G	BALDOCK	8549.800	11	07					CYP	FX	3K00E	G1D							114	B		2400
G	BALDOCK	8554.400	11	07						FX	3K00E	G1D							257	B		2400
I	ROMA	8554.400	22	08	0726		10.0			FX	3K00E	G1D							263	A		STANAG 4285 BR 2400
F	RAMBOUILLET	8554.600	09	09	0600	1800	19.0				2K80E	J7B								A	9	STANAG 4285
I	ROMA	8563.800	08	07	1253		8.0			FX	3K00E	G1D							101	A		STANAG 4285
I	ROMA	8563.800	22	08	0727		12.0			FX	3K00E	G1D							99	B		STANAG 4285
I	ROMA	8563.800	23	09	1311		18.0			FX	3K00E	G1D							102	A		STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	8566.800	11	07					F	FX	1K20E	F1B							168	B		75
G	BALDOCK	8585.000	12	07					RUS	FX	320HE	F1B							50	B		
INS	MSCK-TANGERANG	8590.000	30	09	0125	0126	42.7		INS	MS	2K80E	J3E							0			Fisherman
J	TOKYO	8608.000	27	08	0001				RUS			F1B	158	E	26	52	N	56	30	B		
J	TOKYO	8608.010	24	07	0837							F1B							29	D		
G	BALDOCK	8614.000	12	07					USA	FX	3K00E	G1D							287	B		
F	RAMBOUILLET	8614.200	10	09	0600	1800	22.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	8616.960	20	08	0204							F1B							323	D		
J	TOKYO	8616.990	24	07	0840				RUS			F1B	132	E	07	43	N	19	23	B		
J	TOKYO	8617.000	02	07	0155							F1B							322	C		
J	TOKYO	8617.000	09	07	0022							F1B							323	D		
J	TOKYO	8617.000	17	07	1110							F1B							323	D		
J	TOKYO	8617.000	06	08	0647				RUS			F1B	132	E	41	42	N	55	323	A		
J	TOKYO	8617.000	14	08	0440							F1B							326	D		
J	TOKYO	8617.000	27	08	0006				RUS			F1B	132	E	07	43	N	20	324	B		
J	TOKYO	8617.000	10	09	0845				RUS			F1B	132	E	43	43	N	24	322	B		
J	TOKYO	8617.000	25	09	0433				RUS			F1B	133	E	03	42	N	50	324	A		
I	ROMA	8620.000	08	07	1252		7.0			FX	3K00E	G1D							347	A		STANAG 4285
G	BALDOCK	8620.000	12	07					NOR	FX	3K00E	G1D							22	B		2400
I	ROMA	8620.000	29	07	0920		15.0			FX	3K00E	G1D							349	A		STANAG 4285
RUS	S. PETERSBURG	8620.000	08	08	0645	0650	14.0		NOR	FX	3K44	G1D							272	B		
HNG	TARNOK	8620.000	19	08	0338	2400	29.7				2K40E	G1D										
I	ROMA	8620.000	22	08	0729		27.0			FX	3K00E	G1D							348	A		STANAG 4285
I	ROMA	8634.400	08	07	1251		18.0			FX	3K10E	G1D							285	A		STANAG 4285
G	BALDOCK	8634.400	12	07					F	FX	3K00E	G1D							154	B		2400
HNG	TARNOK	8634.400	19	08	0510	2400	40.8				2K30E	G1D										STANAG 4285
I	ROMA	8634.400	22	08	0730					FX	3K10E	G1D							285	A		STANAG 4285
I	ROMA	8634.400	13	09	1027		38.0			FX	3K10E	G1D							285	A		STANAG 4285
F	RAMBOUILLET	8634.600	10	09	0600	1800	21.0				2K80E	J7B								A	9	STANAG 4285
INS	MSTM-MEDAN	8653.500	19	09	0200	0310	40.1		INS	MS	2K80E	J3E										
J	TOKYO	8653.980	24	07	0847							F1B							168	D		
J	TOKYO	8654.000	17	07	1113							F1B							167	D		
J	TOKYO	8654.000	06	08	0650				USA			F1B	144	E	42	13	N	25	169	A		GUM
J	TOKYO	8654.000	03	09	1119							F1B							167	D		
J	TOKYO	8654.000	10	09	0846							F1B							168	C		
J	TOKYO	8654.000	25	09	0439							F1B							169	C		
HNG	TARNOK	8662.000	19	08	2035	2400	31.3	XSG	CHN	FC	100HE	A1A										
J	TOKYO	8665.000	02	07	0203			XSG		FC		A1A							259	C		
J	TOKYO	8665.000	27	08	0008				CHN			A1A	121	E	30	31	N	29	260	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	8665.000	03	09	1120			XSG		FC		A1A							357	D		
I	ROMA	8674.000	29	07	0925		10.0		G	FX	3K00E	G1D							322	A		STANAG 4285
HNG	TARNOK	8674.000	19	08	0000	0830	38.0				2K80E	G1D										STANAG 4285
I	ROMA	8674.000	22	08	0731		20.0		G	FX	3K00E	G1D							322	A		STANAG 4285
J	TOKYO	8676.000	17	07	1115							F1B							87	D		
J	TOKYO	8676.000	24	07	0851				USA			F1B							87	B		HWA
J	TOKYO	8676.000	06	08	0653				USA			F1B	157	W	53	21	N	23	87	A		HWA
J	TOKYO	8676.000	03	09	1122							F1B							87	D		
J	TOKYO	8676.000	10	09	0847							F1B							87	D		
J	TOKYO	8676.000	18	09	0637				USA			F1B	156	W	04	20	N	28	86	B		HWA
J	TOKYO	8676.000	25	09	0450				USA			F1B	155	W	21	19	N	48	88	A		HWA
J	TOKYO	8692.000	09	07	0040							F1B							26	A		
J	TOKYO	8694.000	17	07	1123							F1B							56	D		
J	TOKYO	8694.000	03	09	1127							F1B							48	D		
J	TOKYO	8694.000	10	09	0850							F1B							50	D		
J	TOKYO	8694.000	18	09	0639							F1B							52	B		
I	ROMA	8699.200	22	08	0733		27.0		POR	FX	3K00E	G1D							263	A		STANAG 4285
G	BALDOCK	8699.800	12	07					NOR	FX	3K00E	G1D							19	B		2400
F	RAMBOUILLET	8701.000	11	09	0630	1000	37.0				6K00E	PXX								A	9	
G	BALDOCK	8702.800	12	07					POR	FX	3K00E	G1D							207	B		
I	ROMA	8702.800	22	08	0733		25.0		POR	FX	3K00E	G1D							263	A		STANAG 4285
HNG	TARNOK	8704.000	19	08	0900	0920	14.5				100HE	A1A										
INS	MSCK-TANGERANG	8713.000	19	09	1254	1255	42.5		INS	MS	2K80E	J3E										
HNG	TARNOK	8743.000	19	08	1550	2000	22.9	BANGKOK METEO	THA	FC	2K70E	J3E										USB
HNG	TARNOK	8757.500	19	08	0000	2400	48.2				2K80E	G1D										STANAG 4285
I	ROMA	8757.500	22	08	0734		26.0			FX	3K00E	G1D							110	A		STANAG 4285
I	ROMA	8757.500	13	09	1307		29.0			FX	3K00E	G1D							110	A		STANAG 4285
G	BALDOCK	8765.000	12	07					HOL	FX	3K00E	G1D							85	B		2400
J	TOKYO	8798.370	03	09	1130														236	A		
J	TOKYO	8798.990	09	07	0045				RUS			F1B	140	E	32	51	N	18	0	A		
J	TOKYO	8799.000	17	07	1130				RUS			F1B	132	E	17	43	N	12	324	A		
I	ROMA	8801.800	23	08	0644		22.0			MS	3K00E	G1D							309	A		STANAG 4285
HNG	TARNOK	8812.000	19	08	1010	1820	17.8	TAH	TUR	FC	2K70E	J3E										USB
J	TOKYO	8828.000	27	08	0011				CHN			J3E	114	E	17	22	N	33	247	B		
INS	MSWR-MERAUKE	8834.000	01	07	0112	1214	14.0		INS	FA	2K70E	J3E										JAYAPURA INFO
INS	MSWR-MERAUKE	8834.000	01	07	0924	0926	16.0		INS	FA	2K70E	J3E										JAYAPURA INFO
INS	MSWR-MERAUKE	8834.000	02	07	0132	0134	12.0		INS	FA	2K70E	J3E										JAYAPURA INFO
INS	MSWR-MERAUKE	8834.000	02	07	0242	0244	10.0		INS	FA	2K70E	J3E										JAYAPURA INFO
INS	MSWR-MERAUKE	8834.000	05	07	0836	0838	16.0		INS	FA	2K70E	J3E										JAYAPURA INFO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSWR-MERAUKE	8834.000	09	07	0447	0449	4.8		INS	FA	2K80E	J3E										
INS	MSWR-MERAUKE	8834.000	09	07	0835	0837	18.0		INS	FA	2K70E	J3E										JAYAPURA INFO
INS	MSWR-MERAUKE	8834.000	09	07	0920	0922	12.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	10	07	0855	0857	13.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	11	07	0847	0849	18.5		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	11	07	0932	0934	13.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	12	07	1013	1015	15.0		INS	FA	2K70E	J3E										
INS	MSKH-KUPANG	8834.000	15	07	0750	0755	25.7		PNG	MA	2K40E	J3E							83	A		ANG10
INS	MSKH-KUPANG	8834.000	15	07	0752	0756	43.4		INS	FD	2K40E	J3E							52	A		JAYAPURA INFO
INS	MSWR-MERAUKE	8834.000	15	07	0945	0947	14.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	15	07	1006	1008	16.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	16	07	0120	0122	15.5		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	17	07	1016	1018	15.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	18	07	1126	1128	14.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	19	07	0120	0122	19.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	8834.000	23	07	0905	0907	12.0		INS	FA	2K70E	J3E										
INS	MSKH-KUPANG	8834.000	01	08	0550	0553	20.0		INS	FD	2K80E	J3E										
INS	MSPA-SAMARINDA	8834.000	12	08	0154	0155			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	8840.000	29	07	0340	0345	18.8		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	8840.000	26	08	0644	0646	35.0		INS	MS	2K80E	J3E										
INS	MSKH-KUPANG	8843.000	11	09	0405	0420	14.7		AUS	FD	2K40E	J3E										
J	TOKYO	8849.460	24	07	0902				CHN			J3E	117	E	03	39	N	55	290	A		
INS	MSCK-TANGERANG	8854.250	19	09	1257	1258	40.1		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	8870.000	19	09	1259	1259	41.3		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	8882.000	09	07	0139	0142			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	8882.000	10	07	0153	0154			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	8882.000	10	07	1237	1238			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	8882.000	18	07	1225	1240			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	8882.000	22	07	1238	1239			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	8882.000	23	07	1225	1226			INS	AL	2K80E	J3E										
INS	MSPA-SAMARINDA	8882.000	29	07	0347	0350	10.7		INS	MS	2K40E	J3E										
INS	MSCK-TANGERANG	8882.000	03	09	0138	0140			INS	AL	2K80E	J3E										BALI INFO
INS	MSCK-TANGERANG	8882.000	05	09	1231	1233			INS	AL	2K80E	J3E										BALI INFO
INS	MSCK-TANGERANG	8882.000	11	09	0126	0127			INS	AL	2K80E	J3E										BALI INFO
G	BALDOCK	8886.400	24	09				GND STN 1	BHR	AL	2K40E	J1D							103	A		
G	BALDOCK	8888.000	24	09				UNM	RUS	SM	2K80E	J3E							51	B		
J	TOKYO	8899.940	27	08	0013				KRE			A3E	125	E	10	39	N	56	294	B		
INS	MSPA-SAMARINDA	8902.000	29	07	0353	0357	11.3		INS	MS	2K40E	J3E										
INS	MSCK-TANGERANG	8902.000	12	08	0811	0814	57.4		INS	MS	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
INS	MSCK-TANGERANG	8903.000	06	09	0756	0758			INS	AL	2K80E	J3E										TOKYO INFO
INS	MSPA-SAMARINDA	8905.000	29	07	0358	0402	12.0		INS	MS	2K80E	J3E										
G	BALDOCK	8913.400	24	09				SHANNON	IRL	AL	2K40E	J1D							284	A		
INS	MSPA-SAMARINDA	8916.000	29	07	0405	0410	10.0		INS	MS	2K80E	J3E										
INS	MSPA-SAMARINDA	8920.000	29	07	0413	0417	11.0		INS	MS	2K80E	J3E										
INS	MSPA-SAMARINDA	8925.000	29	07	0420	0425	16.0		INS	MS	2K80E	J3E										
J	TOKYO	8926.300	02	07	0210				KRE				126	E	05	38	N	47	290	B		
INS	MSPA-SAMARINDA	8930.000	29	07	0425	0430	10.0		INS	MS	2K40E	J3E										
G	BALDOCK	8939.000	04	09				UTD	RUS	SM	2K80E	J3E							53	B		
INS	MSPA-SAMARINDA	8940.000	29	07	0432	0435	11.0		INS	MS	2K40E	J3E										
INS	MSKH-KUPANG	8942.000	19	08	0610	0615	16.2		SNG	FD	2K40E	J3E							288	B		
G	BALDOCK	8943.400	11	07						FA	2K50E	A2A							52	B		ACARS
G	BALDOCK	8943.400	04	09				SHANNON	IRL	AL	2K40E	A3E							281	A		
INS	MSCK-TANGERANG	8952.000	12	08	0820	0822	67.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	8956.600	26	08	0746	0749	41.3		INS	FX	2K80E	J3E										
INS	MSTM-MEDAN	8957.000	03	07	0312	0317	20.7		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	8957.000	04	07	0325	0335	19.6		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	8957.000	08	07	0220	0230	21.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	8957.000	09	07	0242	0252	30.9		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	8957.000	10	07	0230	0240	25.6		INS	AL	2K80E	J3E										PLB INFO
G	BALDOCK	8957.000	11	07				SHANNON VOLMET	IRL	FA	3K00E	J3E							285	A		
INS	MSTM-MEDAN	8957.000	11	07	0225	0235	19.2		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	8957.000	12	07	0215	0220	24.9		INS	AL	2K80E	J3E										PLB INFO
INS	MSPA-SAMARINDA	8957.000	13	07	0231	0310	23.2		INS	FX	1K56E	J3E							0			
F	RAMBOUILLET	8957.000	12	08	0600	1800	14.0	VOLMET			3K50E	J3E								A	9	
G	BALDOCK	8957.000	04	09				SHANNON	IRL	SM	3K00E	A3E							281	A		
HNG	TARNOK	8965.000	21	08	0000	2400	26.4				20K0E	F0N										OTHR
HNG	TARNOK	8975.000	21	08	0434	0455	37.1				30K0E	F0N										OTHR
INS	MSPA-SAMARINDA	8989.000	29	07	0447	0450	19.6		INS	MS	2K40E	J3E										
INS	MSCK-TANGERANG	8989.000	12	08	0828	0830	45.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	9002.000	12	08	0831	0833	59.0		INS	MS	2K70E	J3E										
HNG	TARNOK	9010.000	21	08	0000	2400	30.2				20K0E	F0N										OTHR
INS	MSPA-SAMARINDA	9012.300	29	07	0455	0500	12.3		INS	MS	2K40E	J3E										
INS	MSPA-SAMARINDA	9019.000	29	07	0505	0510	10.0		INS	MS	2K40E	J3E										
INS	MSCK-TANGERANG	9019.000	12	08	0834	0836	55.9		INS	MS	2K70E	J3E										
J	TOKYO	9021.000	09	07	0131			RIS9				A1A							299	C		
J	TOKYO	9021.000	06	08	0745			RIS9				A1A	123	E	31	42	N	02	301	B		
INS	MSCK-TANGERANG	9029.000	12	08	0837	0839	55.9		INS	MS	2K70E	J3E										
HNG	TARNOK	9041.000	21	08	0419	0455	29.2				22K0E	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
G	BALDOCK	9043.800	04	09					RUS	FX	3K30E	J7D							57	B		
F	RAMBOUILLET	9044.000	16	09	1400	1800	40.0				3K00E	J7B								A	9	
INS	MSCK-TANGERANG	9046.000	12	08	0840	0842	68.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	9050.000	13	08	0808	0810	70.1		INS	MS	2K70E	J3E										
F	RAMBOUILLET	9050.000	16	09	1430	1800	16.0				100HE	A1B								A		
F	RAMBOUILLET	9070.000	16	09	1430	1800	20.0				100HE	A1B								A		
J	TOKYO	9075.000	25	09	0605							F1B							87	C		
INS	MSCK-TANGERANG	9079.000	13	08	0811	0814	60.4		INS	MS	2K70E	J3E										
I	ROMA	9095.400	08	07	1247		37.0		F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	9095.400	29	07	0936		40.0		F	FX	3K00E	G1D							285	A		STANAG 4285
I	ROMA	9095.400	20	08	1158		28.0		F	FX	3K00E	G1D							285	A		STANAG 4285
I	ROMA	9095.400	13	09	1308		34.0		F	FX	3K00E	G1D							285	A		STANAG 4285
G	BALDOCK	9096.000	11	07						FX	3K00E	G1D							206	A		
F	RAMBOUILLET	9096.000	16	09	0600	1800	32.0				3K00E	J7B								A	9	
G	BALDOCK	9096.800	26	09					SEN	FX	3K00E	G1D							206	A		
F	RAMBOUILLET	9100.000	16	09	0600	1800	21.0				3K00E	J7B								A	9	
F	RAMBOUILLET	9100.000	17	09	0700	1800	30.0				3K00E	J7B								A	9	
I	ROMA	9100.400	08	07	1246		24.0		F	FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	9100.400	11	07					F	FX	3K00E	G1D							169	A		
I	ROMA	9100.400	29	07	0937		28.0		F	FX	3K00E	G1D							282	A		STANAG 4285
I	ROMA	9100.400	20	08	1159		29.0		F	FX	3K00E	G1D							282	A		STANAG 4285
G	BALDOCK	9100.400	04	09					E	FX	3K00E	G1D							170	A		
I	ROMA	9100.400	13	09	1309		25.0		F	FX	3K00E	G1D							282	A		STANAG 4285
G	BALDOCK	9110.000	26	09				NMF	USA	SM	1K10E	F1C							286	B		
INS	MSCK-TANGERANG	9111.050	13	08	0815	0818	66.4		INS	MS	2K70E	J3E										
J	TOKYO	9115.000	06	08	0750					BC		A3E										
J	TOKYO	9119.800	02	09	2345			SOUND OF HOPE		BC		A3E	121	E	27	25	N	16	244	B	11	TAIWAN
J	TOKYO	9119.800	10	09	1000			SOUND OF HOPE		BC		A3E	121	E	14	23	N	55	240	B	11	TAIWAN
J	TOKYO	9119.820	06	08	0749			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	9119.960	09	07	0133			SOUND OF HOPE		BC		A3E	120	E	38	24	N	18	242	B	11	TAIWAN
J	TOKYO	9119.960	16	07	2346			SOUND OF HOPE		BC		A3E							238	D	11	
F	RAMBOUILLET	9130.000	17	09	1000	1200	15.0				1K00E	F1B								A	9	
I	ROMA	9134.000	23	08	0649		5.0			FX	100HE	A1A										
G	BALDOCK	9136.000	04	09					RUS	FX	300HE	F1B							65	B		
J	TOKYO	9155.000	02	07	0416				CHN	BC		A3E	119	E	10	26	N	43	245	B		
KOR	CRMS	9155.000	08	07	0014	0014	23.5		CHN	BC	14K8	A3E									11	
J	TOKYO	9155.000	16	07	2349					BC		A3E							262	D		
KOR	CRMS	9155.000	05	08	0012	0012	30.2		CHN	BC	14K8	A3E									11	
J	TOKYO	9155.000	02	09	2347				CHN	BC		A3E	108	E	40	33	N	59	275	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9155.000	09	09	0048	0048	40.4		CHN	BC	14K4	A3E									11	
J	TOKYO	9155.070	10	09	1002			SOUND OF HOPE		BC		A3E	121	E	14	25	N	11	240	B	11	TAIWAN
J	TOKYO	9163.600	10	09	1003				KOR			J2D	127	E	08	36	N	22	279	B		
J	TOKYO	9164.990	24	07	1006			HLL2				F3C							278	D		
J	TOKYO	9165.000	02	07	0417			HLL2				F3C										
J	TOKYO	9165.000	09	07	0134			HLL2				F3C	127	E	57	35	N	59	276	A		
J	TOKYO	9165.000	06	08	0751			HLL2				F3C	128	E	03	36	N	01	276	B		
J	TOKYO	9165.000	14	08	0604			HLL2				F3C	128	E	01	36	N	11	277	A		
J	TOKYO	9165.000	20	08	0417			HLL2				F3C							276	D		
J	TOKYO	9165.000	27	08	0132			HLL2				F3C							279	D		
J	TOKYO	9165.000	18	09	0749			HLL2				F3C	127	E	30	36	N	08	272	B		
J	TOKYO	9165.000	25	09	0610			HLL2				F3C							279	D		
J	TOKYO	9168.930	18	09	0754							F1B							324	D		
G	BALDOCK	9170.000	04	09					TUR	BC	9K00E	A3E							106	B		
J	TOKYO	9179.930	18	09	0758			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9179.940	02	07	0420			SOUND OF HOPE		BC		A3E	120	E	53	22	N	55	240	B	11	
J	TOKYO	9179.940	09	07	0139			SOUND OF HOPE		BC		A3E	120	E	40	24	N	16	242	B	11	TAIWAN
J	TOKYO	9179.940	16	07	2352			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9179.940	27	08	0134			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9179.940	02	09	2350			SOUND OF HOPE		BC		A3E	121	E	24	24	N	59	241	B	11	TAIWAN
J	TOKYO	9179.940	25	09	0611			SOUND OF HOPE		BC		A3E	121	E	01	23	N	45	240	B	11	TAIWAN
J	TOKYO	9179.950	24	07	1009			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	9179.950	06	08	0752			SOUND OF HOPE		BC		A3E							239	C	11	
J	TOKYO	9179.950	10	09	1006			SOUND OF HOPE		BC		A3E	120	E	59	23	N	58	240	B	11	TAIWAN
KOR	CRMS	9180.000	08	07	0014	0014	16.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	9180.000	13	09	0659	0659	-18.0		CHN	BC	14K8	A3E									11	
G	BALDOCK	9188.000	11	07					RUS	FX	600HE	F1B							67	A		
J	TOKYO	9189.000	10	09	1007				CHN			A1A	123	E	22	41	N	37	300	B		
INS	MSCK-TANGERANG	9191.750	13	08	0819	0821	67.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	9195.000	13	08	0822	0824	70.5		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	9195.000	14	08	0801	0803	67.0		INS	MS	2K70E	J3E										
J	TOKYO	9204.800	06	08	0803				RUS				140	E	14	48	N	54	360	A		
INS	MSCK-TANGERANG	9208.100	26	08	0654	0655	26.8		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	9211.000	13	08	0825	0828	80.4		INS	MS	2K70E	J3E										
J	TOKYO	9215.010	02	07	0422			SOUND OF HOPE		BC		A3E	121	E	22	24	N	47	242	B	11	
J	TOKYO	9215.180	02	09	2351			SOUND OF HOPE		BC		A3E	121	E	18	23	N	55	240	B	11	TAIWAN
J	TOKYO	9215.180	10	09	1010			SOUND OF HOPE		BC		A3E	120	E	59	24	N	01	241	B	11	TAIWAN
J	TOKYO	9215.180	18	09	0801			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9215.180	25	09	0612			SOUND OF HOPE		BC		A3E	121	E	01	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
G	BALDOCK	9224.000	11	07					RUS	FX	600HE	F1B							30	A		
J	TOKYO	9229.910	02	09	2353			SOUND OF HOPE		BC		A3E	121	E	08	23	N	43	240	B	11	TAIWAN
J	TOKYO	9229.940	02	07	0423			SOUND OF HOPE		BC		A3E	121	E	13	23	N	27	238	B	11	TAIWAN
J	TOKYO	9229.940	27	08	0137			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9229.940	10	09	1011			SOUND OF HOPE		BC		A3E	121	E	30	25	N	08	242	B	11	TAIWAN
J	TOKYO	9229.940	25	09	0613			SOUND OF HOPE		BC		A3E	121	E	01	23	N	45	240	B	11	TAIWAN
J	TOKYO	9229.950	06	08	0804			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9229.950	18	09	0803			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	9230.000	11	07	0017	0017	-14.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	9230.000	08	08	0015	0015	16.8		CHN	BC	15K0	A3E									11	
KOR	CRMS	9230.000	13	09	0659	0659	-27.8		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	9250.000	15	08	0823	0827	60.2		CHN	BC	9K00E	A3E										
KOR	CRMS	9255.000	05	08	0012	0012	25.8		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	9255.000	14	08	0741	0745	55.3		CHN	BC	9K00E	A3E										
RUS	BELGOROD	9255.000	14	08	1345	1347	42.9		CHN	BC	9K90	A3E	120	E	43	24	N	23	78	C	11	
J	TOKYO	9255.000	02	09	2352				CHN	BC		A3E	119	E	10	26	N	00	247	B		
KOR	CRMS	9255.000	05	09	0030	0030	30.3		CHN	BC	14K9	A3E									11	
J	TOKYO	9255.000	10	09	1011			CHINA N.R.		BC		A3E	108	E	56	34	N	20	277	B	11	
KOR	CRMS	9255.000	13	09	0659	0659	-16.6		CHN	BC	14K7	A3E									11	
J	TOKYO	9255.160	06	08	0807			SOUND OF HOPE		BC		A3E	106	E	48	47	N	35	306	B	11	MNG
J	TOKYO	9256.000	06	08	0807							A1A										
J	TOKYO	9260.000	06	08	0808							A1A							246	D		
G	BALDOCK	9265.000	11	07				WINB	USA	BC	9K00E	A3E							289	A		
INS	MSCK-TANGERANG	9265.000	14	08	0746	0749	45.3		USA	BC	9K00E	A3E										
J	TOKYO	9267.750	16	07	2354														295	D		
J	TOKYO	9275.000	24	07	1016				PHL	BC		A3E	120	E	20	15	N	04	226	A		
RUS	NOVOSIBIRSK	9275.000	14	08	1100	1130	12.0		CHN	BC	9K52	A3E	113	E	40	32	N	56	123	A	11	
RUS	IRKUTSK	9275.000	14	08	1100	1130	17.0		CHN	BC	9K17	A3E	113	E	40	32	N	56	160	A	11	
RUS	S. PETERSBURG	9275.000	14	08	1420	1430	36.0		CHN	BC		A3E							86	B		
J	TOKYO	9275.000	10	09	1014					BC		A3E										
F	RAMBOUILLET	9275.000	18	09	1330	1600	35.0	FEBC	PHL		10K0	A3EG								A		
KOR	CRMS	9280.000	04	07	0011	0011	14.6		CHN	BC	15K0	A3E									11	
KOR	CRMS	9280.000	05	08	0012	0012	18.0		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	9280.000	14	08	0750	0753	56.2		CHN	BC	9K00E	A3E										
KOR	CRMS	9280.000	13	09	0700	0700	-26.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	9280.000	19	09	0028	0028	-19.6		CHN	BC	14K9	A3E									11	
J	TOKYO	9280.100	09	07	0141			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	9280.100	10	09	1017			SOUND OF HOPE		BC		A3E	120	E	52	24	N	15	241	B	11	TAIWAN
J	TOKYO	9280.100	18	09	0808			SOUND OF HOPE		BC		A3E							240	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9280.110	06	08	0808			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	9280.110	25	09	0615			SOUND OF HOPE		BC		A3E	121	E	01	23	N	45	240	B	11	TAIWAN
INS	MSPA-SAMARINDA	9288.000	28	08	0800	0805	21.1		INS	FX	2K70E	J3E										
J	TOKYO	9299.900	06	08	0813			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9299.900	18	09	0810			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9299.900	25	09	0616			SOUND OF HOPE		BC		A3E	121	E	01	23	N	45	240	B	11	TAIWAN
J	TOKYO	9299.910	16	07	2357			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	9299.910	14	08	0611					BC		A3E							240	C		
J	TOKYO	9299.910	10	09	1018			SOUND OF HOPE		BC		A3E	121	E	21	24	N	42	242	B	11	TAIWAN
J	TOKYO	9299.920	27	08	0138			SOUND OF HOPE		BC		A3E							244	D	11	
KOR	CRMS	9300.000	08	07	0015	0015	15.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	9300.000	01	08	0012	0012	18.8		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	9300.000	14	08	0805	0807	54.9		CHN	BC	9K00E	A3E										
KOR	CRMS	9300.000	11	09	0713	0713	-5.7		CHN	BC	14K9	A3E									11	
RUS	BELGOROD	9310.000	14	08	1347	1351	45.5		THA	BC	9K70	A3E	103	E	12	17	N	41	97	B	11	
G	BALDOCK	9310.000	04	09				VOA DEEWA RADIO	THA	BC	9K00E	A3E							69	C		
HNG	TARNOK	9310.003	23	08	1424	1900	32.8	VOA	THA	BC	9K68	A3E									11	
J	TOKYO	9313.000	24	07	1019							A1A							259	D		
RUS	BELGOROD	9320.000	14	08	1351	1355	43.5		USA	BC	8K90	A3E							68	B	11	
HNG	TARNOK	9320.001	23	08	1421	1515	26.5	KTWR	USA	BC	9K45	A3E									11	
J	TOKYO	9322.000	02	07	0424				RUS			J3E	137	E	03	50	N	19	350	B		
J	TOKYO	9322.000	20	08	0425							J3E							351	D		
HNG	TARNOK	9325.001	23	08	1558	1700	40.1	RFA	KWT	BC	11K2	A3E									11	
HNG	TARNOK	9329.898	23	08	1400	1533	30.1	VOW	UZB	BC	10K8	A3E									11	
G	BALDOCK	9330.000	11	07				WBCQ	USA	BC	10K0E	A3E							294	A		
J	TOKYO	9330.000	06	08	0814					BC		A3E										
INS	MSCK-TANGERANG	9330.000	14	08	0808	0810	49.8		USA	BC	9K00E	A3E										
I	ROMA	9330.000	23	08	0653		40.0	RADIO WBCQ	USA	BC	12K0E	A3E							305	A		
J	TOKYO	9330.000	10	09	1019					BC		A3E										
F	RAMBOUILLET	9330.000	19	09	0600	1220	54.0	WBCQ	USA		10K0	A3EG -								A		
I	ROMA	9330.000	20	09	0748		33.0	RADIO WBCQ	USA	BC	12K0E	A3E							306	B		
HNG	TARNOK	9330.001	23	08	0200	0557	39.4	WBCQ	USA	BC	12K7	A3E										
HNG	TARNOK	9330.003	23	08	0600	0956	49.0	WBCQ	USA	BC	11K2	A3E										
INS	MSCK-TANGERANG	9340.000	14	08	0811	0812	50.2		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	9341.000	18	09	0505	0507	33.6		INS	FX	6K00E	J3E										
HNG	TARNOK	9344.973	23	08	1400	1600	28.3	FEBC	PHL	BC	9K72	A3E									11	
RUS	BELGOROD	9345.000	14	08	1355	1402	47.9		PHL	BC	8K80	A3E	120	E	10	15	N	19	85	B	11	
RUS	S. PETERSBURG	9345.000	14	08	1435	1445	48.0		PHL	BC		A3E							82	B		
I	ROMA	9346.000	20	09	0749		21.0	1414BEBE952	RUS	FX	400HE	F1B							16	A		T600

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	9350.000	09	07	0143			CHINA N.R.		BC		A3E	087	E	25	42	N	23	296	B	11	
INS	MSCK-TANGERANG	9350.000	14	08	0814	0816	48.5		KAZ	BC	9K00E	A3E										
J	TOKYO	9350.000	27	08	0142					BC		A3E							287	D		
HNG	TARNOK	9354.997	23	08	1556	1700	41.6	RFA	TJK	BC	10K9	A3E									11	
HNG	TARNOK	9365.000	23	08	0000	0600	45.1				300H	F1B									50BD, 200HZ	
INS	MSPA-SAMARINDA	9366.000	28	08	0805	0810	28.7		INS	FX	2K70E	J3E										
J	TOKYO	9370.000	09	07	0144			CHINA N.R.		BC		A3E	087	E	27	42	N	45	297	B	11	
J	TOKYO	9370.000	06	08	0815					BC		A3E										
INS	MSCK-TANGERANG	9370.000	14	08	0817	0818	55.0		KAZ	BC	9K00E	A3E										
RUS	S. PETERSBURG	9370.000	14	08	1500	1510	32.0		PHL	BC		A3E							82	B		
RUS	S. PETERSBURG	9370.000	14	08	1510	1520	41.0		UZB	BC		A3E							112	B		
G	BALDOCK	9370.000	04	09				R. FARDA	KWT	BC	9K00E	A3E							102	A		
HNG	TARNOK	9370.001	23	08	1430	1630	18.8	VOA	PHL	BC	9K12	A3E									11	
HNG	TARNOK	9370.003	23	08	1630	2001	41.3	RADIO FARDA	KWT	BC	9K50E	A3E									11	
J	TOKYO	9380.000	02	07	0428				USA			F1B	145	E	10	15	N	10	168	B		
J	TOKYO	9380.000	09	07	0148							F1B										
J	TOKYO	9380.000	17	07	0008							F1B							170	D		
J	TOKYO	9380.000	24	07	1038				USA			F1B	144	E	23	13	N	20	170	A		GUM
J	TOKYO	9380.000	02	09	2358				USA			F1B	145	E	51	15	N	22	164	B		GUM
J	TOKYO	9380.000	10	09	1020				USA			F1B	144	E	58	13	N	44	168	B		GUM
J	TOKYO	9380.000	25	09	0620							F1B							171	B		
HNG	TARNOK	9380.001	23	08	1430	1630	19.2	VOA	PHL	BC	9K12	A3E									11	
J	TOKYO	9380.020	20	08	0436							F1B							45	D		
J	TOKYO	9384.790	17	07	0011														27	A		
INS	MSCK-TANGERANG	9385.000	14	08	0819	0821	50.4		USA	BC	9K00E	A3E										
J	TOKYO	9395.000	06	08	0816					BC		A3E							35	D		
INS	MSCK-TANGERANG	9395.000	14	08	0824	0825	48.2		USA	BC	9K00E	A3E										
F	RAMBOUILLET	9395.000	20	09	0600	1000	37.0	WRMI	USA		10K0E	A3EG								A	3	
F	RAMBOUILLET	9395.000	23	09	2230	2400	41.0	WRMI	USA		10K0	A3EG								A		
HNG	TARNOK	9395.002	23	08	0200	1000	36.1	WRMI	USA	BC	13K2	A3E										
J	TOKYO	9399.970	10	09	1024				PHL	BC		A3E	120	E	13	15	N	56	228	B		
HNG	TARNOK	9399.973	23	08	1324	1445	15.3	FEBC	PHL	BC	9K84	A3E									11	
RUS	IRKUTSK	9400.000	14	08	1030	1100	16.0		PHL	BC	9K33	A3E	120	E	27	16	N	59	155	A		
RUS	NOVOSIBIRSK	9400.000	14	08	1030	1100	12.0		PHL	BC	15K9	A3E	120	E	27	16	N	59	129	A		
HNG	TARNOK	9400.000	23	08	1500	2000	47.1	TOM	BUL	BC	10K4	A3E										
F	RAMBOUILLET	9400.000	13	09	1700	2000	37.0	THE OVERCOMER MINISTRY	BUL		10K0	A3EG								A		
KOR	CRMS	9405.000	01	07	0016	0016	28.6		PHL	BC	14K9	A3E									6	
KOR	CRMS	9405.000	01	08	0013	0013	17.7		PHL	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
INS	MSTM-MEDAN	9410.000	06	08	0533	0536			PHL	BC	6K00E	A3E										
INS	MSCK-TANGERANG	9410.000	14	08	0826	0827	42.6		KWT	BC	9K00E	A3E										
F	RAMBOUILLET	9410.000	13	09	0500	0700	35.0	BBC	G		10K0	A3EG								A		
F	RAMBOUILLET	9413.000	12	08	0600	1800	14.0				250HE	F1B								A	9	
J	TOKYO	9416.930	18	09	0819							F1B							325	D		
J	TOKYO	9417.000	02	07	0430				RUS			F1B	131	E	57	43	N	19	323	B		
J	TOKYO	9417.000	17	07	0014							F1B							322	D		
J	TOKYO	9417.000	06	08	0820				RUS			F1B	132	E	01	43	N	11	322	B		
J	TOKYO	9417.000	14	08	0619				RUS			F1B	132	E	21	43	N	02	321	A		
J	TOKYO	9417.000	27	08	0149							F1B							323	D		
J	TOKYO	9417.000	10	09	1028				RUS			F1B	132	E	04	43	N	23	321	B		
J	TOKYO	9417.010	20	08	0441							F1B							324	D		
RUS	IRKUTSK	9420.000	14	08	1200	1230	6.0		CHN	BC	13K7	A3E	108	E	02	34	N	12	172	A		
RUS	NOVOSIBIRSK	9420.000	14	08	1200	1230	34.0		CHN	BC	11K9	A3E	108	E	02	34	N	12	129	A		
RUS	BELGOROD	9420.000	14	08	1402	1407	48.2		CHN	BC	14K9	A3E	111	E	56	36	N	52	74	B		
RUS	MOROZOVS	9420.000	14	08	1600	1800	6.0		CHN	BC	6K00	A3E	108	E	06	33	N	44	81	B		
RUS	BELGOROD	9425.000	14	08	1407	1411	55.7		KRE	BC	5K30	A3E	126	E	07	40	N	05	62	B		
INS	MSTM-MEDAN	9440.000	13	08	0603	0605			CHN	BC	6K00E	A3E										
RUS	NOVOSIBIRSK	9445.000	14	08	1130	1200	18.0		KRE	BC	7K88	A3E	126	E	09	39	N	36	100	A		
RUS	IRKUTSK	9445.000	14	08	1130	1200	31.0		KRE	BC	8K21	A3E	126	E	09	39	N	36	124	A		
RUS	BELGOROD	9445.000	14	08	1411	1414	52.7		KWT	BC	12K3	A3E	047	E	40	29	N	31	155	B		
INS	MSKH-KUPANG	9455.000	29	07	0715	0720	27.9		USA	BC	9K00E	A3E							280	C		
INS	MSCK-TANGERANG	9455.000	15	08	0807	0809	44.0		USA	BC	9K00E	A3E										
HNG	TARNOK	9455.000	25	08	1500	1600	22.7	CRI	CHN	BC	10K0E	A3E										
INS	MSTM-MEDAN	9460.000	06	08	0528	0531			CHN	BC	6K00E	A3E										
INS	MSKH-KUPANG	9460.000	12	08	1225	1229	20.4		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	9460.000	15	08	0810	0812	49.6		BRM	BC	9K00E	A3E										
HNG	TARNOK	9460.006	25	08	1557	2059	65.5	TRT	TUR	BC	9K32	A3E										
INS	MSCK-TANGERANG	9470.000	15	08	0815	0817	50.4		CHN	BC	9K00E	A3E										
RUS	S. PETERSBURG	9470.000	15	08	1530	1540	31.0		KAZ	BC	12K6	A3E							118	B		
HNG	TARNOK	9470.000	25	08	1657	1859	47.2	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	9470.003	25	08	2029	2100	71.7	VOA	STP	BC	11K0E	A3E										
HNG	TARNOK	9470.004	25	08	1530	1600	27.7	AWR	CLN	BC	10K0E	A3E										
INS	MSCK-TANGERANG	9480.000	15	08	0818	0821	55.8		CHN	BC	9K00E	A3E										
RUS	MOROZOVS	9480.000	15	08	1400	1415	9.0		CHN	BC	6K00	A3E	107	E	41	34	N	27	81	B		
HNG	TARNOK	9480.001	25	08	2152	2400	26.1	CNR11	CHN	BC	10K0E	A3E										
HNG	TARNOK	9480.004	25	08	1758	2116	51.8	CRI	CHN	BC	10K0E	A3E										
INS	MSKH-KUPANG	9482.000	18	09	0507	0510	27.8		INS	FX	6K00E	J3E										
HNG	TARNOK	9489.950	25	08	2153	2300	35.4	AWR	UZB	BC	10K0E	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
HNG	TARNOK	9489.999	25	08	2030	2100	48.3	VOA	STP	BC	10K0E	A3E										
RUS	ARKHANGELSK	9490.000	15	08	1240	1250	19.0	R. Romania Int.	ROU	BC	1K19	A3E							130	B		
RUS	MOROZOVSK	9490.000	15	08	1415	1430	11.0		CHN	BC	6K00	A3E	102	E	29	24	N	52	94	B		
RUS	S. PETERSBURG	9490.000	15	08	1530	1540	33.0		CHN	BC	16K6	A3E							98	B		
RUS	ARKHANGELSK	9490.000	16	08	0800	0810	11.0	World Christian Broadc KNLS	USA	BC	2K99	A3E							30	B		
RUS	ARKHANGELSK	9490.000	19	08	1050	1100	22.0	China Radio Int.	CHN	BC	1K63	A3E							83	B		
HNG	TARNOK	9490.000	25	08	1440	1600	28.1	CRI	CHN	BC	12K2	A3E										
HNG	TARNOK	9490.000	25	08	1830	2000	49.2	VOA	BOT	BC	10K0E	A3E										
HNG	TARNOK	9490.001	25	08	1201	1300	58.0	RRO	ROU	BC	9K04	A3E										
HNG	TARNOK	9490.005	25	08	1727	1744	34.3			BC	10K0E	A3E										
HNG	TARNOK	9499.989	25	08	1630	1833	57.1	AWR	SWZ	BC	9K22	A3E									3	
INS	MSKH-KUPANG	9500.000	29	07	0730	0745	33.1		CHN	BC	9K00E	A3E							22	C		
F	RAMBOUILLET	9500.000	16	09	1630	1800	24.0	TWR AFRICA	ETH		10K0	A3EG -								A		
RUS	IRKUTSK	9510.000	15	08	0800	0830	31.0		CHN	BC	5K29	A3E	086	E	14	42	N	58	239	A		
F	RAMBOUILLET	9515.000	16	09	1500	1800	40.0	KBS WORLD RADIO	KOR		10K0	A3EG -								A		
INS	MSCK-TANGERANG	9520.000	15	08	0829	0832	55.4		B	BC	9K00E	A3E										
RUS	MOROZOVSK	9520.000	15	08	1430	1445	13.0		CHN	BC	6K00	A3E	111	E	33	40	N	43	67	B		
F	RAMBOUILLET	9535.000	17	09	1500	1800	50.0	CRI	CHN		10K0	A3EG -								A		
RUS	ARKHANGELSK	9540.000	15	08	1210	1220	28.0	SOH Xi Wang Zhi Sheng	CHN	BC	1K15	A3E							108	B		
RUS	MOROZOVSK	9540.000	15	08	1445	1500	9.0		CHN	BC	6K00	A3E	120	E	37	22	N	23	82	B		
F	RAMBOUILLET	9540.000	17	09	1100	1800	27.0	CRI	CHN		10K0	A3EG -								A		
INS	MSPA-SAMARINDA	9550.000	22	07	0832	0834	19.1		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSPA-SAMARINDA	9550.000	29	07	0801	0802	19.1		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9550.000	01	08	0847	0848	42.9		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9550.000	05	08	0844	0845	30.2		CHN	BC	3K00E	A3E							0			
RUS	MOROZOVSK	9550.000	15	08	1500	1515	12.0		CHN	BC	6K00	A3E	116	E	48	39	N	44	69	B		
INS	MSPA-SAMARINDA	9550.000	20	08	0850	0851	35.9		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9550.000	06	09	0847	0848	39.6		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9550.000	11	09	0800	0801	45.1		CHN	BC	3K00E	A3E							0			
F	RAMBOUILLET	9550.000	17	09	1700	1800	33.0	BBC	OMA		10K0	A3EG -								A		
HNG	TARNOK	9550.001	27	08	1700	1800	31.6	BBC	OMA	BC	9K68	A3E										
HNG	TARNOK	9550.003	27	08	0000	0157	16.7	RRO	ROU	BC	10K0E	A3E										
RUS	ARKHANGELSK	9555.000	15	08	1030	1040	5.0	CNR1 Jamming	CHN	BC	2K95	A3E							109	B		
RUS	NOVOSIBIRSK	9560.000	15	08	0900	0930	47.0		CHN	BC	3K00	A3E	084	E	59	42	N	24	172	A		
RUS	IRKUTSK	9560.000	15	08	0900	0930	44.0		CHN	BC	6K73	A3E	084	E	59	42	N	24	240	A		
RUS	ARKHANGELSK	9560.000	15	08	0920	0930	4.0	PBS Xinjiang	CHN	BC	2K99	A3E							130	B		
F	RAMBOUILLET	9560.000	18	09	1600	1700	52.0	RADIO FREE ASIA	CHN		10K0	A3EG -								A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HNG	TARNOK	9560.002	27	08	1800	1927	45.1	CRI	CHN	BC	9K62	A3E										
HNG	TARNOK	9560.003	27	08	0100	0157	26.8	CRI	CHN	BC	10K7	A3E										
HNG	TARNOK	9560.003	27	08	1900	1927	58.3	CRI	CHN	BC	9K95	A3E										
INS	MSPA-SAMARINDA	9570.000	10	07	0817	0818	25.8		KOR	BC	3K00E	A3E							0			KBS World Radio
I	ROMA	9570.000	05	08	1705		32.0	CHINA RADIO INTERNAT	CHN	BC		A3E							48	A		
INS	MSKH-KUPANG	9570.000	12	08	1235	1242	22.1		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	9570.000	15	08	0000	2400	60.1		CHN	BC	9K00E	A3E										
RUS	S. PETERSBURG	9570.000	15	08	1530	1540	33.0		CHN	BC	10K6	A3E							88	B		
HNG	TARNOK	9570.000	27	08	1800	1857	58.3	RRO	ROU	BC	9K91	X7E										DRM
INS	MSPA-SAMARINDA	9570.000	12	09	0800	0801	41.1		KOR	BC	3K00E	A3E							0			
F	RAMBOUILLET	9570.000	18	09	1500	1800	39.0	CRI			10K0E	A3EG -								A		3
HNG	TARNOK	9570.001	27	08	1457	1800	41.1	CRI	CHN	BC	10K3	A3E										
HNG	TARNOK	9570.003	27	08	0100	0400	16.6	CNR2	CHN	BC	10K5	A3E										
HNG	TARNOK	9573.903	27	08	0000	0436	16.9				590H	F1B									13	50BD 200HZ
HNG	TARNOK	9575.002	27	08	1857	1957	55.6	CRI	CHN	BC	10K8	A3E										
HNG	TARNOK	9579.995	27	08	0030	0130	43.0	RFA	UAE	BC	11K3	A3E										
J	TOKYO	9580.000	29	08	1400			KNLS I.	USA	BC		A3E										
J	TOKYO	9580.000	05	09	1000			KNLS I.	USA	BC		A3E										
J	TOKYO	9585.000	05	09	1500			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	9585.001	27	08	1700	1800	39.7	DIMTSE RADIO ERENA	UAE	BC	9K54	A3E										
HNG	TARNOK	9589.000	27	08	0833	1600	27.3				300H	F1B										50BD 200HZ
INS	MSCK-TANGERANG	9590.000	15	08	0837	0840	48.9		BRM	BC	9K00E	A3E										
RUS	IRKUTSK	9595.000	15	08	0930	1000	44.0		CHN	BC	2K23	A3E	108	E	56	33	N	26	170	A		
F	RAMBOUILLET	9600.000	18	09	1400	1500	50.0	RADIO ROMANIA	ROU		10K0	A3EG -								A		
F	RAMBOUILLET	9600.000	19	09	1400	1500	50.0	RADIO ROMANIA	ROU		10K0	A3EG -								A		
HNG	TARNOK	9600.003	27	08	1800	1857	53.5	CRI	CHN	BC	10K4	A3E										
I	ROMA	9605.000	05	08	1702		41.0	R CHINA INTERNATIONA	CHN	BC	10K0E	A3E							52	A		
INS	MSPA-SAMARINDA	9610.000	29	07	0803	0804	34.9		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9610.000	05	08	0846	0847	32.6		CHN	BC	3K00E	A3E							0			
RUS	S. PETERSBURG	9610.000	15	08	1540	1550	33.0		CHN	BC	10K5	A3E							98	B		
INS	MSPA-SAMARINDA	9610.000	20	08	0849	0850	41.2		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9610.000	06	09	0848	0849	45.1		CHN	BC	3K00E	A3E							0			
RUS	SLAVYANKA	9620.000	15	08	0730	0800	40.0		CHN	BC	1K39	A3E	111	E	05	37	N	33	258	A		
RUS	IRKUTSK	9620.000	15	08	1000	1030	38.0		CHN	BC	2K17	A3E	116	E	20	39	N	03	143	A		
F	RAMBOUILLET	9620.000	19	09	1600	1800	64.0	ALL INDIA RADIO	IND		10K0	A3EG -								A		
INS	MSCK-TANGERANG	9630.000	15	08	0843	0846	49.7		CHN	BC	9K00E	A3E										
RUS	IRKUTSK	9630.000	15	08	1030	1100	33.0		CHN	BC	2K91	A3E	095	E	01	35	N	42	206	A		
RUS	ARKHANGELSK	9630.000	15	08	1220	1230	22.0	CNR 17	CHN	BC	2K18	A3E							114	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	MOROZOVSK	9630.000	15	08	1515	1530	27.0		CHN	BC	6K00	A3E	111	E	55	36	N	52	75	B		
RUS	IRKUTSK	9645.000	15	08	1030	1100	40.0		CHN	BC	2K13	A3E	119	E	01	39	N	58	145	A		
RUS	SLAVYANKA	9645.000	15	08	1030	1100	61.0		CHN	BC	1H00	A3E	109	E	59	36	N	19	255	A		
RUS	ARKHANGELSK	9645.000	15	08	1230	1240	16.0	China Radio Int.	CHN	BC	2K86	A3E							90	B		
J	TOKYO	9650.000	29	08	2100			V.O.KOREA	KRE	BC		A3E										
KOR	CRMS	9650.000	02	09	0919	0919	57.3		J	BC	11K8	A3E									6	
J	TOKYO	9650.000	05	09	0800			V.O.KOREA	KRE	BC		A3E										
INS	MSPA-SAMARINDA	9655.000	22	07	0834	0836	20.1		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSPA-SAMARINDA	9655.000	29	07	0804	0805	31.2		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	9655.000	01	08	0850	0851	44.6		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	9655.000	16	08	0809	1011	44.9		CHN	BC	9K00E	A3E										
HNG	TARNOK	9655.000	29	08	1900	1957	60.6	CRI	CHN	BC	10K0	A3E										
HNG	TARNOK	9655.109	29	08	0327	0345	22.1	ADM	UAE	BC	11K1	A3E									3	
RUS	SMOLENSK	9660.000	16	08	0600	0700	31.0		CHN	BC	2K97	A3E	113	E	47	24	N	40	111	B		
RUS	SAMARA	9660.000	16	08	1500	1700	24.0		CHN	BC	10K0	A3E	105	E	26	37	N	42	89			
HNG	TARNOK	9664.940	29	08	0000	2400	23.4	R.VOZ MISSIONARIA	B	BC	11K6	A3E									3	
INS	MSCK-TANGERANG	9665.000	16	08	0832	0934	47.1		B	BC	9K00E	A3E										
ROU	BELCIUGATELE	9670.000	08	07	1208	1235	37.7	Channel 292	D	BC	4K90	A3E							298	A		Rohrbach-Wall German language
ROU	BELCIUGATELE	9670.000	05	08	1003	1031	31.3	Channel 292	D	BC	6K00	A3E							300	A		Rohrbach Wall German Language
ROU	BELCIUGATELE	9670.000	06	08	0838	0912	42.4	Channel 292	D	BC	9K00	A3E							299	A		Rohrbach Wall German language
RUS	SMOLENSK	9670.000	16	08	0600	0700	30.0		D	BC	2K67	A3E	011	E	17	48	N	22	101	B		
RUS	MOROZOVSK	9670.000	16	08	1400	1600	14.0		D	BC	6K00	A3E	015	E	39	49	N	37	284	B		
RUS	SAMARA	9670.000	16	08	1700	1900	21.0		CZE	BC	10K0	A3E	014	E	17	49	N	51	276			
I	ROMA	9670.000	23	08	0655		33.0	CHANNEL 292	D	BC	10K0E	A3E							352	A		
ROU	BELCIUGATELE	9670.000	27	08	0710	0740	39.1	Channel 292	D	BC	9K00	A3E							294	A		German language
F	RAMBOUILLET	9670.000	20	09	0600	1800	53.0	CHANNEL 292	D		10K0E	A3EG -								A	3	
I	ROMA	9670.000	20	09	0754		37.0	CHANNEL 292	D	BC	10K0E	A3E							352	A		
F	RAMBOUILLET	9670.000	23	09	0530	1800	48.0	CHANNEL 292	D		10K0	A3EG -								A		
ROU	BELCIUGATELE	9670.000	27	09	0915	0945	51.1	Channel 292	D	BC	9K00	A3E							300	A		German language
HNG	TARNOK	9670.001	29	08	0000	2400	51.2	CHANEL 292	D	BC	10K0E	A3E										
RUS	IRKUTSK	9675.000	16	08	0345	0415	22.0		CHN	BC	2K79	A3E	115	E	07	39	N	27	148	A		
INS	MSCK-TANGERANG	9675.000	16	08	0835	0838	44.8		CHN	BC	9K00E	A3E										
RUS	SAMARA	9675.000	16	08	1500	1830	23.0		KAZ	BC	10K0	A3E	084	E	49	49	N	05	86			
J	TOKYO	9675.000	29	08	2200			CHINA R.I.	CHN	BC		A3E										
RUS	SAMARA	9680.000	16	08	1200	1300	22.0		CHN	BC	10K0	A3E	113	E	55	35	N	20	85			
RUS	MOROZOVSK	9680.000	16	08	1400	1600	12.0		CHN	BC	6K00	A3E	116	E	37	29	N	11	79	B		
F	RAMBOUILLET	9680.000	20	09	1100	1400	27.0	CNR 1	CHN		10K0	A3EG -								A		
RUS	SAMARA	9685.000	16	08	1540	1700	24.0		CHN	BC	10K0	A3E	114	E	29	34	N	47	85			

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	9685.000	16	08	1700	1855	23.0		CHN	BC	10K0	A3E	086	E	01	42	N	47	99			
HNG	TARNOK	9685.000	29	08	1630	1827	54.0	CRI	CHN	BC	10K1	A3E										
KOR	CRMS	9685.000	02	09	0922	0922	40.9		CHN	BC	14K9	A3E									6	
RUS	SAMARA	9695.000	16	08	1700	1915	28.0		BRM	BC	10K0	A3E	097	E	50	28	N	07	106			
J	TOKYO	9695.000	29	08	0800			KNLS I.	USA	BC		A3E										
HNG	TARNOK	9695.005	29	08	0100	0157	23.5	CRI	CHN	BC	11K4	A3E										
INS	MSKH-KUPANG	9700.000	29	07	0740	0800	49.2		NZL	BC	9K00E	A3E							137	A		
HNG	TARNOK	9700.000	29	08	1658	2058	45.5	RNZ	NZL	BC	10K5	A3E										
KOR	CRMS	9700.000	02	09	0923	0923	41.7		BUL	BC	11K1	A3E									6	
J	TOKYO	9702.700	09	07	0157														233	A		
RUS	IRKUTSK	9705.000	16	08	0400	0430	16.0		CHN	BC	2K01	A3E	086	E	47	43	N	30	240	A		
RUS	NOVOSIBIRSK	9705.000	16	08	0500	0530	30.0		CHN	BC	2K60	A3E	086	E	47	43	N	30	165	A		
RUS	MOROZOVSK	9705.000	16	08	1400	1600	13.0		CHN	BC	6K00	A3E	084	E	48	44	N	32	81	B		
INS	MSCK-TANGERANG	9710.000	16	08	0839	0841	55.0		CUB	BC	9K00E	A3E										
INS	MSCK-TANGERANG	9720.000	16	08	0842	0844	43.7		CHN	BC	9K00E	A3E										
RUS	SAMARA	9720.000	16	08	1400	1515	32.0		IRN	BC	10K0	A3E	051	E	42	35	N	53	176			
KOR	CRMS	9730.000	02	07	0410	0410	36.2	CNR	CHN	BC	14K8	A3E									3	
KOR	CRMS	9730.000	26	07	0424	0424	34.5		KRE	BC	14K7	A3E									6	
INS	MSKH-KUPANG	9730.000	29	07	0800	0810	21.7		CHN	BC	9K00E	A3E							343	B		
KOR	CRMS	9730.000	02	08	0413	0413	34.4	CNR	CHN	BC	14K8	A3E									3	
INS	MSCK-TANGERANG	9730.000	16	08	0845	0848	60.1		BRM	BC	9K00E	A3E										
RUS	SAMARA	9730.000	16	08	1800	2115	36.0		CHN	BC	10K0	A3E	098	E	31	28	N	05	106			
KOR	CRMS	9730.000	21	08	0605	0605	34.0		KRE	BC	14K7	A3E									6	
KOR	CRMS	9730.000	03	09	0419	0419	53.9	CNR	CHN	BC	14K2	A3E									3	
KOR	CRMS	9730.000	20	09	0419	0419	15.2		KRE	BC	14K7	A3E									6	
INS	MSCK-TANGERANG	9740.000	16	08	0849	0852	51.4		ROU	BC	9K00E	A3E										
INS	MSKH-KUPANG	9750.000	29	07	0810	0820	41.1		J	BC	9K00E	A3E							9	B		
INS	MSCK-TANGERANG	9750.000	16	08	0854	0858	55.3		CHN	BC	9K00E	A3E										
RUS	MOROZOVSK	9750.000	16	08	1400	1600	10.0		J	BC	6K00	A3E	138	E	57	35	N	36	60	B		
RUS	SAMARA	9750.000	16	08	1800	2055	22.0		ALG	BC	10K0	A3E	005	E	10	36	N	51	261			
HNG	TARNOK	9750.009	31	08	1830	1925	56.7	TRT	TUR	BC	8K56	A3E										
HNG	TARNOK	9753.000	31	08	2032	2045	20.2				15K0E	F0N										OTHR
HNG	TARNOK	9755.000	31	08	2052	2400	29.7	CNR2	CHN	BC	11K7	A3E										
HNG	TARNOK	9755.001	31	08	1500	1604	20.0	CNR2	CHN	BC	11K5	A3E										
HNG	TARNOK	9760.001	31	08	1600	1658	53.6	VOA	D	BC	11K7	A3E										
RUS	SAMARA	9765.000	16	08	1300	1430	29.0		KAZ	BC	10K0	A3E	135	E	22	57	N	25	29			
RUS	SAMARA	9765.000	16	08	1800	2030	24.0		CHN	BC	10K0	A3E	111	E	49	41	N	11	80			
HNG	TARNOK	9765.001	31	08	1300	1500	16.4	CRI	CHN	BC	11K5	A3E										
HNG	TARNOK	9765.001	31	08	2000	2100	43.8	KBS	G	BC	9K85	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	9765.002	31	08	1758	1957	58.1	CRI	CHN	BC	8K90	A3E										
HNG	TARNOK	9765.003	31	08	2100	2300	33.7	MWV	MDG	BC	11K7	A3E										
HNG	TARNOK	9765.005	31	08	1500	1555	43.0	TRT	TUR	BC	10K4	A3E										
INS	MSPA-SAMARINDA	9770.000	10	07	0818	0819	26.4		KOR	BC	3K00E	A3E							0			KBS World Radio
INS	MSKH-KUPANG	9770.000	29	07	0820	0835	39.2		KOR	BC	9K00E	A3E							352	A		
INS	MSPA-SAMARINDA	9770.000	12	09	0802	0803	46.6		CHN	BC	3K00E	A3E							0			
HNG	TARNOK	9770.002	31	08	1600	1757	36.2	CRI	CHN	BC	10K6	A3E										
HNG	TARNOK	9770.024	31	08	0400	0555	68.3	TRT	TUR	BC	9K07	A3E									3	
HNG	TARNOK	9775.000	31	08	2055	2400	31.2	CNR2	CHN	BC	11K4	A3E										
HNG	TARNOK	9775.001	31	08	1500	1604	23.6	CNR2	CHN	BC	11K5	A3E										
KOR	CRMS	9780.000	03	07	0714	0714	29.4		CHN	BC	14K9	A3E									6	
INS	MSKH-KUPANG	9780.000	29	07	0830	0842	20.2		CHN	BC	9K00E	A3E							343	C		
KOR	CRMS	9780.000	05	08	0015	0015	33.8	CNR	CHN	BC	14K3	A3E									3	
RUS	SMOLENSK	9780.000	16	08	0600	0700	27.0		CHN	BC	2K99	A3E	100	E	23	33	N	48	126	B		
INS	MSCK-TANGERANG	9780.000	16	08	0909	0913	49.7		CHN	BC	9K00E	A3E										
RUS	SAMARA	9780.000	16	08	1800	2100	24.0		IRN	BC	10K0	A3E	059	E	49	25	N	28	162			
HNG	TARNOK	9780.000	31	08	2000	2030	39.1	AWR	D	BC	11K4	A3E										
KOR	CRMS	9785.000	13	09	0707	0707	-20.6		KRE	BC	14K8	A3E									6	
HNG	TARNOK	9785.001	31	08	1500	1600	23.4	KBS	KOR	BC	11K2	A3E										
INS	MSCK-TANGERANG	9790.000	16	08	0920	0925	50.4		CHN	BC	9K00E	A3E										
HNG	TARNOK	9790.000	31	08	2000	2100	44.9	RFI	F	BC	10K4	A3E										
HNG	TARNOK	9790.001	31	08	0600	0700	37.9	RFI	F	BC	9K68	A3E										
HNG	TARNOK	9790.001	31	08	1700	1730	49.0			BC	11K2	A3E										
KOR	CRMS	9795.000	04	07	0018	0018	22.3		PHL	BC	15K0	A3E									6	
J	TOKYO	9795.000	05	09	1200			KNLS I.	USA	BC		A3E										
KOR	CRMS	9795.000	23	09	0010	0010	9.1		PHL	BC	15K0	A3E									6	
HNG	TARNOK	9800.000	31	08	0000	0530	29.7				16K0	F0N										OTHR
KOR	CRMS	9800.000	09	09	0105	0105	27.2		CHN	BC	14K7	A3E									6	
HNG	TARNOK	9800.001	31	08	1658	1800	39.3	CRI	CHN	BC	10K8	A3E										
F	RAMBOUILLET	9805.000	25	09	0600	1100	42.0	MARTI RADIO	USA		10K0	A3EG -								A		
INS	MSKH-KUPANG	9810.000	29	07	0840	0850	32.2		CHN	BC	9K00E	A3E							350	A		
INS	MSCK-TANGERANG	9810.000	16	08	0928	0933	49.2		CHN	BC	9K00E	A3E										
KOR	CRMS	9810.000	02	09	0924	0924	22.2		CHN	BC	14K8	A3E									6	
F	RAMBOUILLET	9810.000	25	09	0600	1500	37.0	CNR	CHN		10K0	A3EG -								A		
RUS	SMOLENSK	9820.000	16	08	0600	0700	27.0		CHN	BC	2K99	A3E	112	E	57	28	N	32	116	B		
INS	MSCK-TANGERANG	9820.000	16	08	0935	0939	51.2		B	BC	9K00E	A3E										
RUS	SAMARA	9820.000	16	08	1400	1900	30.0		CHN	BC	10K0	A3E	106	E	38	33	N	27	93			
RUS	MOROZOVSK	9820.000	16	08	1400	1600	15.0		CHN	BC	6K00	A3E	105	E	39	37	N	20	78	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	9820.000	25	09	0600	1600	35.0	CNR	CHN		10K0	A3EG								A		
INS	MSKH-KUPANG	9830.000	29	07	0850	0900	36.2		CHN	BC	9K00E	A3E							342	A		
RUS	SMOLENSK	9830.000	16	08	0600	0700	27.0		CHN	BC	2K99	A3E	115	E	07	08	N	48	102	B		
RUS	SAMARA	9830.000	16	08	1500	1650	28.0		CHN	BC	10K0	A3E	109	E	18	41	N	47	82			
F	RAMBOUILLET	9830.000	26	09	0800	1100	35.0	CNR	CHN		10K0	A3EG								A		
RUS	IRKUTSK	9835.000	16	08	0415	0445	17.0		CHN	BC	2K19	A3E	085	E	58	43	N	56	243	A		
INS	MSCK-TANGERANG	9835.000	16	08	0942	0947	50.4		CHN	BC	9K00E	A3E										
RUS	MOROZOVSK	9835.000	16	08	1400	1600	14.0		CHN	BC	6K00	A3E	087	E	49	41	N	45	84	B		
J	TOKYO	9839.970	29	08	1330			V.O.VIETNAM	VTN	BC		A3E										
HNG	TARNOK	9849.998	02	09	1450	1500	18.3			BC	11K5	A3E										
HNG	TARNOK	9849.999	02	09	1600	1700	30.3			BC	10K0E	A3E										
KOR	CRMS	9850.000	11	07	0022	0022	-11.9	CNR	CHN	BC	14K9	A3E									3	
INS	MSKH-KUPANG	9850.000	29	07	0900	0910	22.3		CHN	BC	9K00E	A3E							11	C		
KOR	CRMS	9850.000	01	08	0020	0020	26.0	CNR	CHN	BC	14K7	A3E									3	
INS	MSCK-TANGERANG	9850.000	16	08	1001	1006	49.6		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	9850.000	19	08	0814	0817	49.4		CHN	BC	9K00E	A3E										
RUS	BELGOROD	9850.000	19	08	1400	1405	46.1		CHN	BC	8K20	A3E	101	E	35	36	N	39	79	B		
KOR	CRMS	9850.000	13	09	0708	0708	-23.2	CNR	CHN	BC	14K9	A3E									3	
RUS	MOROZOVSK	9860.000	19	08	1300	1315	15.0		CHN	BC	6K00	A3E	116	E	48	39	N	44	70	B		
RUS	BELGOROD	9860.000	19	08	1405	1408	46.9		CHN	BC	11K0	A3E	116	E	49	39	N	45	68	B		
RUS	S. PETERSBURG	9860.000	19	08	1510	1520	46.0		CHN	BC	12K1	A3E							72	B		
RUS	SAMARA	9860.000	19	08	1700	1730	46.0		CHN	BC	10K0	A3E	114	E	12	38	N	35	82	A		
ROU	BELCIUGATELE	9860.000	22	08	1410	1440	46.7	CNR 1 Voice of China	CHN	BC	9K00	A3E							61	A		Chinese language
HNG	TARNOK	9860.001	02	09	1455	1805	23.2	CNR1	CHN	BC	11K2	A3E										
HNG	TARNOK	9860.002	02	09	2025	2300	35.9	CNR	CHN	BC	11K2	A3E										
HNG	TARNOK	9860.006	02	09	0052	0130	49.8			BC	9K38	A3E										
J	TOKYO	9863.830	03	09	0003				RUS			F1B	132	E	01	43	N	35	325	B		
J	TOKYO	9863.830	10	09	1031				RUS			F1B	131	E	42	43	N	12	320	B		
HNG	TARNOK	9865.001	02	09	1958	2100	44.1	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	9869.998	02	09	1457	1600	24.9	CRI	CHN	BC	10K0E	A3E										
RUS	BELGOROD	9870.000	19	08	1408	1411	47.6		CHN	BC	10K5	A3E	108	E	37	34	N	23	78	B		
RUS	S. PETERSBURG	9870.000	19	08	1520	1525	38.0		CHN	BC		A3E							83	B		
HNG	TARNOK	9870.008	02	09	1652	1820	59.3	IRB	IRN	BC	10K8	A3E										
HNG	TARNOK	9870.009	02	09	1820	1920	41.5	IRB	IRN	BC	10K8	A3E										
HNG	TARNOK	9870.010	02	09	0100	0154	34.2	TRT	TUR	BC	9K45	A3E									3	
HNG	TARNOK	9874.808	02	09	1459	1500	24.5	AIR	IND	BC	10K0E	A3E									3	
KOR	CRMS	9875.000	03	07	0715	0715	41.4	KCB	KRE	BC	14K8	A3E									3	
RUS	BELGOROD	9875.000	19	08	1411	1415	47.3	All India Radio	IND	BC	5K80	A3E	077	E	12	28	N	43	110	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	9875.000	02	09	1800	2350	47.6	VOK	KRE	BC	10K0E	A3E										
KOR	CRMS	9880.000	18	07	0040	0040	-8.8	CRI	CHN	BC	14K7	A3E									3	
INS	MSKH-KUPANG	9880.000	29	07	0910	0915	51.3		CHN	BC	9K00E	A3E							330	A		
RUS	S. PETERSBURG	9880.000	19	08	1525	1526	56.0	China Radio Int.	CHN	BC	16K9	A3E	108	E	54	34	N	12	80	B		
J	TOKYO	9880.000	29	08	1000			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	9880.000	02	09	0924	0924	47.1		CHN	BC	12K0	A3E									6	
HNG	TARNOK	9880.000	02	09	1500	1800	36.2	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	9880.000	02	09	2200	2257	44.4	CRI	CHN	BC	10K0E	A3E										
F	RAMBOUILLET	9880.000	27	09	0800	1800	35.0	CRI	CHN		10K0	A3EG								A		
HNG	TARNOK	9880.005	02	09	1930	2028	64.9	TRT	TUR	BC	10K0E	A3E										
HNG	TARNOK	9884.000	02	09	2059	2225	36.3				250H	F1B										200HZ/50BD
HNG	TARNOK	9884.903	02	09	1800	1900	53.1	MWV	MDG	BC	11K0	A3E									3	
RUS	ARKHANGELSK	9885.000	19	08	1110	1120	22.0	CNR1 Jamming	CHN	BC	1K28	A3E							102	B		
F	RAMBOUILLET	9885.000	27	09	0800	1800	32.0	CNR	CHN		10K0	A3EG								A		
RUS	BELGOROD	9890.000	19	08	1415	1420	53.4		CHN	BC	10K6	A3E	111	E	56	36	N	52	74	B		
RUS	S. PETERSBURG	9890.000	19	08	1523	1525	54.0		CHN	BC	13K3	A3E							70	B		
RUS	SAMARA	9890.000	19	08	1700	1730	41.0		CHN	BC	10K0	A3E	112	E	45	36	N	55	80	A		
RUS	SAMARA	9890.000	19	08	1800	1930	53.0		KRE	BC	10K0	A3E	125	E	08	37	N	50	77	A		
ROU	BELCIUGATELE	9890.000	22	08	1400	1430	45.2	CNR 13	CHN	BC	9K00	A3E							62	A		Uyghur language
F	RAMBOUILLET	9890.000	27	09	0800	1800	33.0	CRI	CHN		10K0	A3EG								A		
HNG	TARNOK	9890.001	02	09	1500	1600	28.6			BC	11K2	A3E										
HNG	TARNOK	9890.138	02	09	1900	2000	58.0	ERU	EGY	BC	9K98	A3E									3	
HNG	TARNOK	9899.998	02	09	1800	1900	52.8	ERU	EGY	BC	8K20	A3E										
HNG	TARNOK	9899.998	02	09	2000	2100	47.3	SDA	USA	BC	8K90	A3E										
RUS	MOROZOVSK	9900.000	19	08	1315	1330	7.0		CHN	BC	6K00	A3E	120	E	18	23	N	43	81	B		
HNG	TARNOK	9900.001	02	09	1500	1600	33.4	TWR	USA	BC	10K2	A3E										
HNG	TARNOK	9900.001	02	09	2220	2400	41.3	CNR1	CHN	BC	11K2	A3E										
INS	MSCK-TANGERANG	9910.000	19	08	0819	0821	43.6		CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	9910.000	19	08	1100	1110	14.0	SOH Xi Wang Zhi Sheng	CHN	BC	2K99	A3E							48	B		
J	TOKYO	9912.300	06	08	0823														154	D		
J	TOKYO	9912.400	18	09	0824							J2D							169	D		
J	TOKYO	9912.450	10	09	1033				F			J2B	166	E	51	21	S	59	152	B		NCL
J	TOKYO	9919.920	06	08	0824			SOUND OF HOPE		BC		A3E	120	E	37	23	N	19	240	B	11	TAIWAN
J	TOKYO	9919.920	10	09	1034			SOUND OF HOPE		BC		A3E	121	E	11	24	N	59	242	B	11	TAIWAN
J	TOKYO	9919.920	18	09	0829			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	9920.000	03	07	0716	0716	17.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	9920.000	07	08	0610	0610	17.1		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	9920.000	19	08	0824	0825	44.8		CHN	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
KOR	CRMS	9920.000	03	09	0421	0421	17.7		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	9940.000	19	08	0826	0828	50.1		USA	BC	9K00E	A3E										
RUS	MOROZOVSK	9940.000	19	08	1330	1345	8.0		CHN	BC	6K00	A3E	120	E	18	23	N	43	81	B		
RUS	BELGOROD	9940.000	19	08	1425	1429	55.5		PHL	BC	8K30	A3E	120	E	55	14	N	48	85	B	11	
RUS	S. PETERSBURG	9940.000	19	08	1550	1555	50.0		CHN	BC		A3E							85	B		
INS	MSCK-TANGERANG	9955.000	19	08	0830	0834	50.2		USA	BC	9K00E	A3E										
HNG	TARNOK	9955.003	27	08	2000	2030	58.2	AWR	D	BC	10K9	A3E										
J	TOKYO	9965.000	06	08	0825					BC		A3E							195	A		
J	TOKYO	9965.000	18	09	0833					BC		A3E							192	D		
J	TOKYO	9969.970	02	07	0432			SOUND OF HOPE		BC		A3E	120	E	42	23	N	09	240	B	11	TAIWAN
J	TOKYO	9969.970	17	07	0022			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	9969.970	24	07	1043			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	9969.970	06	08	0827			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	9969.970	03	09	0006			SOUND OF HOPE		BC		A3E	121	E	27	25	N	14	243	B	11	TAIWAN
J	TOKYO	9969.970	10	09	1035			SOUND OF HOPE		BC		A3E	121	E	14	24	N	21	240	B	11	TAIWAN
J	TOKYO	9969.970	25	09	0623			SOUND OF HOPE		BC		A3E	121	E	01	23	N	45	240	B	11	TAIWAN
KOR	CRMS	9970.000	03	07	0716	0716	24.8		CHN	BC	15K0	A3E									11	
KOR	CRMS	9970.000	02	08	0414	0414	16.6		CHN	BC	14K8	A3E									11	
INS	MSCK-TANGERANG	9970.000	19	08	0838	0841	50.1		USA	BC	9K00E	A3E										
KOR	CRMS	9970.000	03	09	0421	0421	15.0		CHN	BC	14K9	A3E									11	
J	TOKYO	9982.500	24	07	1047							F3C							89	D		
J	TOKYO	9982.500	06	08	0838							F3C							87	D		
J	TOKYO	9982.500	25	09	0626							F1B							92	D		
KOR	CRMS	9985.000	02	07	0412	0412	29.0		CHN	BC	14K8	A3E									11	
J	TOKYO	9985.000	17	07	0024					BC		A3E							259	D		
KOR	CRMS	9985.000	06	08	0417	0417	30.8		CHN	BC	11K3	A3E									11	
INS	MSCK-TANGERANG	9985.000	19	08	0843	0846	44.0		CHN	BC	9K00E	A3E										
KOR	CRMS	9985.000	05	09	0034	0034	26.1		CHN	BC	14K8	A3E									11	
J	TOKYO	9985.000	10	09	1035			CHINA N.R.		BC		A3E	119	E	23	26	N	03	246	B	11	
J	TOKYO	9985.000	18	09	0841					BC		A3E							296	D		
RUS	MOROZOVSK	9990.000	19	08	1345	1400	16.0		TJK	BC	6K00	A3E	068	E	47	37	N	32	108	B		
ROU	BELCIUGATELE	9996.000	05	08	1033	1110	44.3	Time Signals	RUS	FX	600HE	H3E							28	A		Moscow RWM
HNG	TARNOK	9996.002	04	09	0500	2400	39.6	RWM	RUS	SS	100HE	A1B										
J	TOKYO	10000.000	02	07	0433			BPM		SS		AXW	109	E	40	34	N	38	273	B		
J	TOKYO	10000.000	09	07	0203			BPM		SS		AXW										
J	TOKYO	10000.000	17	07	0028			BPM		SS		AXW										
J	TOKYO	10000.000	24	07	1049			BPM		SS		AXW										
J	TOKYO	10000.000	06	08	0839			WWVH		SS		AXW										
J	TOKYO	10000.000	06	08	0839			BPM		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	10000.000	14	08	0625			WWVH		SS		AXW										
INS	MSCK-TANGERANG	10000.000	19	08	0901	0903	49.1		USA	BC	9K00E	A3E										
J	TOKYO	10000.000	20	08	0453			BPM		SS		AXW										
J	TOKYO	10000.000	20	08	0453			WWVH		SS		AXW										
J	TOKYO	10000.000	27	08	0154			BPM		SS		AXW										
J	TOKYO	10000.000	03	09	0010			BPM		SS		AXW	108	E	59	34	N	33	272	B		
J	TOKYO	10000.000	10	09	1029			WWVH		SS		AXW	158	W	08	21	N	12	87	B		
J	TOKYO	10000.000	10	09	1029			BPM		SS		AXW	108	E	47	33	N	39	275	B		
J	TOKYO	10000.000	18	09	0843			BPM		SS		AXW										
J	TOKYO	10000.000	18	09	0843			WWVH		SS		AXW										
J	TOKYO	10000.000	25	09	0628			BPM		SS		AXW							276	D		
J	TOKYO	10000.000	25	09	0628			WWVH		SS		AXW							87	C		
HNG	TARNOK	10000.002	04	09	0500	2400	26.7	ATA	IND	SS	2K70E	J3E										USB
J	TOKYO	10027.000	18	09	0848			MOLOKAI		FA		J2D										
INS	MSCK-TANGERANG	10050.000	20	08	0806	0810	45.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10068.000	20	08	0812	0815	57.2		INS	MS	2K70E	J3E										
RUS	BELGOROD	10082.440	20	08	0530	0533	23.5	ID 007	IRL	FD	2K00	G1D	008	W	56	52	N	45	292	B		
INS	MSCK-TANGERANG	10092.000	20	08	0816	0819	76.0		INS	MS	2K70E	J3E										
RUS	SMOLENSK	10100.800	20	08	0530	0630	47.0		D	FX	889H	F1B	009	E	34	53	N	43	279	B		
RUS	BELGOROD	10100.800	20	08	0533	0540	24.7		D	FX	600H	F1B	010	E	00	53	N	42	291	B		
RUS	S. PETERSBURG	10100.800	20	08	0710	0730	36.0		D	FX	720H	F1B	009	E	42	53	N	37	250	B		
I	ROMA	10100.800	23	08	0657		40.0	DDK9	D	FX	530HE	F1B							352	B		50BD SYNOP
HNG	TARNOK	10100.800	06	09	0700	2400	47.2	DDK9 (HAMBURG)	D	SM	880H	F1B										
I	ROMA	10100.800	20	09	0756		43.0	DDK9	D	FX	530HE	F1B							352	A		50BD SYNOP
RUS	SAMARA	10101.000	20	08	1350	2130	16.0		D	AT	2K70	J3E	008	E	41	53	N	37	288			
HNG	TARNOK	10112.000	06	09	0815	0940	26.8	TM67PR	F		100HE	A1B										PARALYMPICS PARIS 2024
HNG	TARNOK	10119.060	06	09	0435	0450	21.2	F5MAI	F		100HE	A1A										
HNG	TARNOK	10123.000	06	09	0300	0335	15.8				100HE	A1A										
INS	MSCK-TANGERANG	10130.000	20	08	0820	0823	50.3		INS	MS	2K70E	J3E										
RUS	BELGOROD	10131.000	20	08	0700	0701	3.2	N5J	USA	AT	60H0	J2B							327	C		
INS	MSCK-TANGERANG	10135.000	22	07	0933	0936	69.7		INS	BC	9K00E	A3E										RRI PRO 1 (AM) BANDAR LAMPUNG
J	TOKYO	10136.010	20	08	0507							F1B										
J	TOKYO	10136.160	24	07	1054				KOR			F1B	128	E	49	36	N	07	275	A		
J	TOKYO	10136.160	06	08	0841				RUS			F1B	139	E	59	48	N	45	359	A		
RUS	VERHNEYE DUBROVO	10136.200	20	08			26.0	IU3MAG	I	AT	50H0	F1B	013	E	00	45	N	30	270	B		
RUS	VERHNEYE DUBROVO	10136.200	20	08			24.0	IU8BPS	I	AT	50H0	F1B	015	E	00	40	N	30	261	B		
RUS	VERHNEYE DUBROVO	10136.200	20	08			22.0	SP3T	POL	AT	50H0	F1B	017	E	00	52	N	30	279	B		
RUS	NYAGAN	10136.300	20	08			20.0	OH1NHX	FIN	AT	52H0	F1B	021	E	00	61	N	30	288	B		
RUS	VERHNEYE DUBROVO	10136.300	20	08			20.0	OH1NHX	FIN	AT	52H0	F1B	021	E	00	61	N	30	300	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	10136.300	20	08			13.0	PD1WO	HOL	AT	52H0	F1B	005	E	00	51	N	30	285	B		
RUS	NYAGAN	10136.300	20	08			24.0	YO9ILA	ROU	AT	52H0	F1B	027	E	00	44	N	30	249	B		
RUS	VERHNEYE DUBROVO	10136.300	20	08			24.0	YO8RNP	ROU	AT	50H0	F1B	027	E	00	44	N	30	255	B		
RUS	VERHNEYE DUBROVO	10136.300	20	08			24.0	YO9ILA	ROU	AT	52H0	F1B	027	E	00	44	N	30	255	B		
RUS	VERHNEYE DUBROVO	10136.400	20	08			29.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	281	B		
RUS	VERHNEYE DUBROVO	10136.500	20	08			22.0	OE3FVU	AUT	AT	51H0	F1B	015	E	00	48	N	30	273	B		
RUS	VERHNEYE DUBROVO	10136.500	20	08			13.0	2E0YDT	G	AT	52H0	F1B	001	W	00	54	N	30	292	B		
RUS	VERHNEYE DUBROVO	10136.500	20	08			15.0	IZ0MEA	I	AT	50H0	F1B	013	E	00	42	N	30	266	B		
RUS	VERHNEYE DUBROVO	10136.500	20	08			17.0	HF1MM	POL	AT	52H0	F1B	015	E	00	53	N	30	283	B		
RUS	NYAGAN	10136.500	20	08			17.0	HF1MM	POL	AT	52H0	F1B	015	E	00	53	N	30	275	B		
RUS	VERHNEYE DUBROVO	10136.500	20	08			38.0	S58MU	SVN	AT	50H0	F1B	015	E	00	46	N	30	270	B		
RUS	VERHNEYE DUBROVO	10136.600	20	08			10.0	BH2UEZ	CHN	AT	50H0	F1B	121	E	00	38	N	30	89	B		
RUS	VERHNEYE DUBROVO	10136.700	20	08			15.0	IU2EBR	I	AT	50H0	F1B	011	E	00	45	N	30	272	B		
RUS	VERHNEYE DUBROVO	10136.900	20	08			17.0	BD0BK	CHN	AT	52H0	F1B	087	E	00	43	N	30	118	B		
RUS	VERHNEYE DUBROVO	10136.900	20	08			20.0	IK0MHW	I	AT	50H0	F1B	013	E	00	41	N	30	265	B		
RUS	VERHNEYE DUBROVO	10137.000	20	08			15.0	EW3SS	BLR	AT	52H0	F1B	023	E	00	52	N	30	275	B		
RUS	NYAGAN	10137.000	20	08			15.0	EW3SS	BLR	AT	52H0	F1B	023	E	00	52	N	30	266	B		
RUS	VERHNEYE DUBROVO	10137.000	20	08			23.0	OH3EYR	FIN	AT	51H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	10137.000	20	08			17.0	SV3SPD	GRC	AT	52H0	F1B	021	E	00	38	N	30	253	B		
RUS	NYAGAN	10137.000	20	08			17.0	SV3SPD	GRC	AT	52H0	F1B	021	E	00	38	N	30	250	B		
RUS	VERHNEYE DUBROVO	10137.100	20	08			20.0	F5SYC	F	AT	51H0	F1B	003	E	00	50	N	30	285	B		
RUS	NYAGAN	10137.100	20	08			17.0	SM5VSS	S	AT	51H0	F1B	017	E	00	59	N	30	286	B		
RUS	VERHNEYE DUBROVO	10137.100	20	08			17.0	SM5VSS	S	AT	51H0	F1B	017	E	00	59	N	30	295	B		
RUS	VERHNEYE DUBROVO	10137.200	20	08			10.0	F6HUK	F	AT	51H0	F1B	001	E	00	46	N	30	281	B		
RUS	NYAGAN	10137.200	20	08			20.0	F6HUK	F	AT	51H0	F1B	001	E	00	46	N	30	277	B		
RUS	NYAGAN	10137.200	20	08			28.0	AP2MKS	PAK	AT	50H0	F1B	073	E	00	33	N	30	167	B		
RUS	VERHNEYE DUBROVO	10137.200	20	08			18.0	AP2MKS	PAK	AT	50H0	F1B	073	E	00	33	N	30	156	B		
RUS	NYAGAN	10137.400	20	08			15.0	SV2FNT	GRC	AT	50H0	F1B	021	E	00	40	N	30	252	B		
RUS	VERHNEYE DUBROVO	10137.400	20	08			15.0	SV2FNT	GRC	AT	50H0	F1B	021	E	00	40	N	30	255	B		
RUS	VERHNEYE DUBROVO	10137.500	20	08			10.0	BH1HWF	CHN	AT	51H0	F1B	117	E	00	40	N	30	90	B		
RUS	VERHNEYE DUBROVO	10137.500	20	08			33.0	UN7PAK	KAZ	AT	50H0	F1B	073	E	00	50	N	30	127	B		
RUS	VERHNEYE DUBROVO	10137.500	20	08			20.0	UN7IN	KAZ	AT	50H0	F1B	057	E	00	50	N	30	204	B		
RUS	NYAGAN	10137.500	20	08			33.0	UN7PAK	KAZ	AT	50H0	F1B	073	E	00	50	N	30	157	B		
RUS	VERHNEYE DUBROVO	10137.500	20	08			33.0	SQ7RN	POL	AT	52H0	F1B	021	E	00	50	N	30	272	B		
RUS	VERHNEYE DUBROVO	10137.600	20	08			15.0	F1PPH	F	AT	50H0	F1B	001	E	00	47	N	30	282	B		
RUS	VERHNEYE DUBROVO	10137.600	20	08			17.0	SM3VOX	S	AT	51H0	F1B	017	E	00	60	N	30	298	B		
RUS	VERHNEYE DUBROVO	10137.600	20	08			13.0	S51TA	SVN	AT	52H0	F1B	015	E	00	45	N	30	268	B		
RUS	NYAGAN	10137.600	20	08			23.0	S51TA	SVN	AT	52H0	F1B	015	E	00	45	N	30	264	B		
RUS	VERHNEYE DUBROVO	10137.700	20	08			13.0	ON4QX	BEL	AT	50H0	F1B	005	E	00	50	N	30	284	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	10137.700	20	08			22.0	OH1MP	FIN	AT	50H0	F1B	021	E	00	61	N	30	300	B		
RUS	VERHNEYE DUBROVO	10137.700	20	08			13.0	9A7PBV	HRV	AT	52H0	F1B	017	E	00	45	N	30	267	B		
RUS	VERHNEYE DUBROVO	10137.700	20	08			38.0	UN7JMK	KAZ	AT	52H0	F1B	083	E	00	49	N	30	110	B		
RUS	NYAGAN	10137.700	20	08			18.0	LY3TG	LTU	AT	50H0	F1B	021	E	00	55	N	30	274	B		
RUS	VERHNEYE DUBROVO	10137.700	20	08			18.0	LY3TG	LTU	AT	50H0	F1B	021	E	00	55	N	30	284	B		
RUS	NYAGAN	10137.800	20	08			31.0	OH8AV	FIN	AT	51H0	F1B	025	E	00	65	N	30	299	B		
RUS	VERHNEYE DUBROVO	10137.800	20	08			31.0	OH8AV	FIN	AT	51H0	F1B	025	E	00	65	N	30	312	B		
RUS	VERHNEYE DUBROVO	10137.800	20	08			38.0	OH3OJ	FIN	AT	51H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	10137.800	20	08			33.0	LY2AE	LTU	AT	52H0	F1B	025	E	00	54	N	30	279	B		
RUS	NYAGAN	10137.800	20	08			33.0	LY2AE	LTU	AT	52H0	F1B	025	E	00	54	N	30	268	B		
RUS	VERHNEYE DUBROVO	10137.800	20	08			15.0	YO8XCM	ROU	AT	52H0	F1B	027	E	00	47	N	30	261	B		
RUS	NYAGAN	10137.800	20	08			25.0	YO8XCM	ROU	AT	52H0	F1B	027	E	00	47	N	30	254	B		
RUS	VERHNEYE DUBROVO	10137.900	20	08			29.0	LY1CX	LTU	AT	52H0	F1B	025	E	00	55	N	30	282	B		
RUS	VERHNEYE DUBROVO	10138.000	20	08			13.0	DL5GAC	D	AT	50H0	F1B	009	E	00	47	N	30	276	B		
RUS	VERHNEYE DUBROVO	10138.000	20	08			20.0	EA5UB	E	AT	50H0	F1B	001	E	00	38	N	30	271	B		
RUS	VERHNEYE DUBROVO	10138.100	20	08			23.0	EA3EP	E	AT	50H0	F1B	003	E	00	41	N	30	273	B		
RUS	VERHNEYE DUBROVO	10138.100	20	08			24.0	F6CAM	F	AT	50H0	F1B	003	E	00	50	N	30	285	B		
RUS	VERHNEYE DUBROVO	10138.100	20	08			15.0	MM0ABM	G	AT	50H0	F1B	005	W	00	55	N	30	292	B		
RUS	VERHNEYE DUBROVO	10138.200	20	08			20.0	DK3XX	D	AT	51H0	F1B	009	E	00	53	N	30	286	B		
RUS	VERHNEYE DUBROVO	10138.200	20	08			22.0	OH2XO	FIN	AT	52H0	F1B	025	E	00	60	N	30	296	B		
RUS	NYAGAN	10138.200	20	08			22.0	OH2XO	FIN	AT	52H0	F1B	025	E	00	60	N	30	283	B		
RUS	VERHNEYE DUBROVO	10138.300	20	08			10.0	JA3HWX	J	AT	52H0	F1B	135	E	00	34	N	30	82	B		
RUS	NYAGAN	10138.300	20	08			25.0	8J3ZNJ	J	AT	50H0	F1B	135	E	00	34	N	30	89	B		
RUS	VERHNEYE DUBROVO	10138.300	20	08			15.0	8J3ZNJ	J	AT	50H0	F1B	135	E	00	34	N	30	82	B		
RUS	NYAGAN	10138.400	20	08			18.0	BH3APK	CHN	AT	50H0	F1B	117	E	00	38	N	30	103	B		
RUS	VERHNEYE DUBROVO	10138.400	20	08			25.0	BH3APK	CHN	AT	50H0	F1B	117	E	00	38	N	30	92	B		
RUS	VERHNEYE DUBROVO	10138.400	20	08			24.0	SV1EAG	GRC	AT	50H0	F1B	023	E	00	38	N	30	250	B		
RUS	NYAGAN	10138.400	20	08			29.0	HA0DR	HNG	AT	51H0	F1B	021	E	00	47	N	30	260	B		
RUS	VERHNEYE DUBROVO	10138.400	20	08			29.0	HA0DR	HNG	AT	51H0	F1B	021	E	00	47	N	30	266	B		
RUS	VERHNEYE DUBROVO	10138.400	20	08			13.0	SP9CKS	POL	AT	52H0	F1B	019	E	00	49	N	30	272	B		
RUS	NYAGAN	10138.400	20	08			23.0	SP9CKS	POL	AT	52H0	F1B	019	E	00	49	N	30	265	B		
INS	MSCK-TANGERANG	10151.250	20	08	0828	0831	67.4		INS	MS	2K70E	J3E										
INS	MSPA-SAMARINDA	10153.000	13	07	0937	0944	61.2		INS	BC	9K00E	A3E							0			
INS	MSCK-TANGERANG	10153.000	15	08	0201	0204	57.6		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10153.000	16	08	0101	0104	49.5		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10153.000	19	08	0301	0305	49.7		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	10153.200	17	07	0440	0445	2.2		INS	MS	2K40E	J3E							303	C		
INS	MSCK-TANGERANG	10153.250	15	07	0923	0925	65.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10153.250	19	07	0145	0146	54.9		INS	MS	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
INS	MSCK-TANGERANG	10153.300	02	09	0234	0235	39.0		INS	MS	2K80E	J3E										
INS	MSPA-SAMARINDA	10154.000	13	07	0405	0416	18.7		INS	FX	2K75E	J3E							0			
INS	MSKH-KUPANG	10155.000	03	07	0441	0445	16.5		INS	MS	2K40E	J3E							311	B		FISHERMAN
J	TOKYO	10155.000	06	08	0848							F1B							38	D		
RUS	BELGOROD	10155.000	20	08	0623	0625	28.8				1K10	F1B							281	C		
J	TOKYO	10155.000	25	09	0641							F1B							87	D		
F	RAMBOUILLET	10155.200	26	09	0600	1800	17.0				500HE	F1B								A	9	
INS	MSCK-TANGERANG	10156.000	02	09	0237	0238	42.0		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	10157.500	08	07	1000	1002	54.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	09	07	0833	0834	45.7		INS	MS	2K70E	J3E										
INS	MSPA-SAMARINDA	10157.500	13	07	0927	0929	61.2		INS	FX	2K70E	J3E							0			
INS	MSKH-KUPANG	10157.500	15	07	0605	0614	16.8		INS	MS	2K40E	J3E							292	A		
INS	MSPA-SAMARINDA	10157.500	21	07	0203	0208	32.8		INS	MS	3K00E	J3E							0			
INS	MSCK-TANGERANG	10157.500	22	07	0836	0839	51.4		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	23	07	0309	0311	65.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	24	07	0840	0844	55.4		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	06	08	0910	0914	79.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	12	08	0337	0340	45.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	13	08	0208	0211	59.6		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	14	08	0732	0735	66.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.500	15	08	0804	0807	77.2		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	10157.600	17	07	0445	0450	15.3		INS	MS	2K40E	J3E							302	B		
INS	MSKH-KUPANG	10157.700	04	07	0346	0353	14.2		INS	MS	2K40E	J3E							346	B		
INS	MSCK-TANGERANG	10157.750	01	07	0847	0849	85.9		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSCK-TANGERANG	10157.750	02	07	0826	0827	45.8		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSCK-TANGERANG	10157.750	04	07	0932	0934	55.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.750	05	07	0824	0825	45.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.750	05	08	0905	0908	50.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.750	16	08	0106	0109	50.3		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.750	19	08	0307	0311	55.1		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.750	10	09	0150	0151	56.2		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	10157.750	17	09	0124	0130	59.7		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10157.750	19	09	0125	0130	70.3		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	10157.800	03	07	0219	0225	18.8		INS	MS	2K40E	J3E							311	B		FISHERMAN
INS	MSKH-KUPANG	10157.800	08	07	0910	0914	16.3		INS	MS	2K40E	J3E							308	B		
INS	MSPA-SAMARINDA	10159.000	13	07	0416	0554	20.8		INS	FX	2K61E	J3E							0			
J	TOKYO	10159.790	18	09	0900			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10159.830	25	09	0642			SOUND OF HOPE		BC		A3E	121	E	01	23	N	45	240	B	11	TAIWAN
J	TOKYO	10159.840	02	07	0434			SOUND OF HOPE		BC		A3E	121	E	18	22	N	57	237	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	10159.840	09	07	0206			SOUND OF HOPE		BC		A3E	120	E	27	22	N	44	239	B	11	TAIWAN
J	TOKYO	10159.840	17	07	0032			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	10159.840	24	07	1056			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10159.840	06	08	0848			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	10159.840	27	08	0159			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10159.840	10	09	1045			SOUND OF HOPE		BC		A3E								B	11	
KOR	CRMS	10160.000	03	07	0133	0133	-13.0		CHN	BC	14K9	A3E									11	
INS	MSPA-SAMARINDA	10160.000	13	07	0554	0815	25.6		INS	FX	2K20E	A3E							0			
KOR	CRMS	10160.000	05	08	0408	0408	-17.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	10160.000	06	09	0712	0712	-8.2		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	10161.000	08	07	1003	1005	49.7		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.000	02	09	0239	0240	38.7		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	10161.500	01	07	0851	0852	59.7		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSCK-TANGERANG	10161.500	02	07	0828	0829	59.0		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSCK-TANGERANG	10161.500	03	07	0907	0909	44.8		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSCK-TANGERANG	10161.500	04	07	0937	0939	52.0		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	10161.500	09	07	0231	0241	10.1		INS	MS	2K40E	J3E							306	B		
INS	MSKH-KUPANG	10161.500	15	07	0615	0623	16.2		INS	MS	2K40E	J3E							290	B		
INS	MSCK-TANGERANG	10161.500	22	07	0840	0843	59.7		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	23	07	0312	0314	65.2		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	06	08	0901	0904	58.6		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	12	08	0345	0350	65.2		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	13	08	0232	0236	66.2		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	15	08	0210	0214	61.2		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	16	08	0140	0145	60.4		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	19	08	0313	0316	48.5		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10161.500	17	09	0217	0223	55.2		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	10161.600	04	07	0354	0405	20.3			MS	2K40E	J3E							291	A		FISHERMAN
INS	MSKH-KUPANG	10161.600	11	07	0740	0747	25.0		INS	MS	2K80E	J3E							289			JAVANESE LANGUAGE - FISHERMAN
INS	MSKH-KUPANG	10162.000	04	07	0336	0345	3.2		INS	MS	2K40E	J3E							301	C		
INS	MSKH-KUPANG	10164.500	03	07	0225	0231	13.7		INS	MS	2K40E	J3E							24	B		FISHERMAN
INS	MSPA-SAMARINDA	10164.500	13	07	0350	0405	30.3		INS	FX	2K80E	J3E							0			
INS	MSCK-TANGERANG	10164.750	24	07	0845	0848	51.3		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10165.000	01	07	0853	0854	66.0		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSCK-TANGERANG	10165.000	02	07	0830	0831	50.3		INS	MS	2K70E	J3E										Javanese Fisherman
INS	MSKH-KUPANG	10165.000	03	07	0225	0234	11.6		INS	MS	2K40E	J3E							139	B		FISHERMAN
INS	MSKH-KUPANG	10165.000	09	07	0241	0248	12.4		INS	MS	2K40E	J3E							303	B		
INS	MSCK-TANGERANG	10165.500	04	07	0938	0939	49.8		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10165.500	08	07	1006	1008	54.0		INS	MS	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
INS	MSCK-TANGERANG	10165.500	12	08	0335	0338	50.3		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10165.500	13	08	0242	0246	69.1		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10165.500	16	08	0200	0204	55.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10165.500	17	09	0231	0235	55.3		INS	MS	2K70E	J3E										
ROU	BELCIUGATELE	10167.000	29	07	1100	1130	35.8	Italian Navy		FX	6K20	J1D							263	A		DATA
INS	MSCK-TANGERANG	10168.000	03	09	0103	0104	52.7		INS	MS	2K80E	J3E										
I	ROMA	10169.500	08	07	1123		19.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	10169.500	29	07	0952		19.0			FX	3K00E	G1D							267	A		STANAG 4285
I	ROMA	10169.500	20	09	0758		22.0			FX	3K00E	G1D							267	A		STANAG 4285
F	RAMBOUILLET	10169.750	26	09	0600	1800	19.0				2K80E	J7B								A	9	
INS	MSCK-TANGERANG	10170.000	02	09	0736	0837	50.0		INS	FX	2K70E	J3E										
I	ROMA	10184.300	20	09	0759		38.0			FX	3K00E	G1D							282	A		STANAG 4285
F	RAMBOUILLET	10186.250	26	09	0900	1800	25.0				6K40E	B7B								A	9	
RUS	BELGOROD	10187.890	20	08	0619	0623	34.4		F	FX	2K80	G1D	003	E	31	43	N	54	266	B		
I	ROMA	10187.900	08	07	1121		33.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	10187.900	29	07	1003		31.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	10187.900	23	08	0702		34.0		F	FX	3K00E	G1D							283	A		STANAG 4285
I	ROMA	10187.900	20	09	0801		36.0		F	FX	3K00E	G1D							283	A		STANAG 4285
G	BALDOCK	10188.000	19	09					HOL	FX	3K00E	G1D							136	A		
J	TOKYO	10192.000	06	08	0854				RUS			F1B	132	E	04	43	N	13	323	B		
J	TOKYO	10192.000	20	08	0510							F1B							26	D		
J	TOKYO	10192.000	27	08	0202				RUS			F1B	132	E	13	43	N	30	325	A		
J	TOKYO	10192.000	03	09	0012				RUS			F1B	132	E	58	42	N	58	324	B		
J	TOKYO	10192.000	25	09	0644							F1B							324	C		
I	ROMA	10194.000	20	09	0802		7.0			FX	400HE	F1B							14	A		T600
RUS	BELGOROD	10196.800	20	08	0545	0550	24.8		D		2K60	G1D	011	E	40	53	N	52	292	B		
I	ROMA	10197.000	08	07	1117		21.0				3K00E	G1D							345	A		
I	ROMA	10197.000	30	07	0600		40.0				3K00E	G1D							359	A		
RUS	SMOLENSK	10197.000	20	08	1130	1230	12.0		D	FX	2K99	J7D	008	E	03	53	N	10	273	B		
I	ROMA	10197.000	23	08	0702		39.0				3K00E	G1D							348	A		STANAG 4285
I	ROMA	10197.000	20	09	0923		22.0			FX	3K00E	G1D							348	A		STANAG 4285
F	RAMBOUILLET	10197.050	26	09	0600	1800	14.0				2K80E	J7B								A	9	
INS	MSKH-KUPANG	10202.000	26	08	0242	0247	11.0		INS	MA	2K70E	J3E										
J	TOKYO	10250.000	02	07	0435				RUS			F1B	158	E	46	52	N	51	31	B		
J	TOKYO	10250.000	06	08	0855				RUS			F1B	158	E	44	53	N	02	31	B		
INS	MSCK-TANGERANG	10257.150	21	08	0811	0815	50.7		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10264.150	21	08	0818	0821	51.6		INS	MS	2K70E	J3E										
I	ROMA	10265.900	30	07	0602		28.0		F	FX	3K00E	G1D							304	A		STANAG 4285
I	ROMA	10265.900	23	08	0704		36.0		F	FX	3K00E	G1D							305	A		STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	10265.900	20	09	0924		20.0		F	FX	3K00E	G1D							305	A		STANAG 4285
I	ROMA	10265.900	27	09	1107		20.0		F	FX	3K00E	G1D							305	B		STANAG 4285
RUS	BELGOROD	10266.000	21	08	0548	0551	23.1		F		2K60	G1D	004	W	03	48	N	21	281	B		
F	RAMBOUILLET	10266.150	27	09	0600	1800	14.0				3K20E	J7B								A	9	
F	RAMBOUILLET	10308.150	27	09	0600	1800	16.0				200HE	F1B								A	9	50 BAUDS
F	RAMBOUILLET	10329.150	27	09	0600	1800	17.0				2K80E	J7B								A	9	STANAG 4285
J	TOKYO	10334.650	02	07	0443				RUS				158	E	34	53	N	02	30	B		
HNG	TARNOK	10372.000	08	09	0450	0452	19.4				300H	F1B										50BD,240HZ ASC II
J	TOKYO	10379.600	10	09	1049				CHN			J2B	119	E	31	27	N	36	251	B		
INS	MSKH-KUPANG	10382.000	26	08	0220	0225	14.5		INS	MA	2K70E	J3E										
INS	MSKH-KUPANG	10385.000	18	09	0416	0420	12.1		INS	FX	6K00E	J3E										
J	TOKYO	10430.000	02	07	0448				USA			F1B	124	W	01	40	N	27	52	B		
J	TOKYO	10430.000	24	07	1113							F1B							50	B		
J	TOKYO	10430.000	06	08	0905				RUS			F1B	121	W	41	37	N	23	55	B		
HNG	TARNOK	10430.000	08	09	0100	0500	17.4				1K00E	F1B										75BD,850HZ CIS 36-50
J	TOKYO	10430.000	10	09	1054				USA			F1B	122	W	09	37	N	36	54	B		
J	TOKYO	10430.000	25	09	0647							F1B							50	D		
HNG	TARNOK	10449.700	08	09	0000	0500	32.7				2K80	G1D										
J	TOKYO	10451.000	27	08	0207			KIS9				A1A										
I	ROMA	10452.000	08	07	1055		12.0	1414BEBE952	RUS	FX	250HE	F1B							13	A		50BD
I	ROMA	10452.000	23	08	0711		8.0	1414BEBE952	RUS	FX	250HE	F1B							11	B		50BD
RUS	SMOLENSK	10465.400	22	08	0530	0630	35.0		CHN	FX	2K99	F1B	105	E	17	26	N	05	132	B		
J	TOKYO	10468.020	10	09	1057				RUS			F1B	158	E	34	52	N	55	30	B		
INS	MSKH-KUPANG	10516.000	10	07	0313	0315	10.0		INS	MS	2K40E	J3E										
INS	MSKH-KUPANG	10537.000	26	08	0225	0232	11.0		INS	MA	2K70E	J3E										
INS	MSKH-KUPANG	10537.000	18	09	0425	0426	11.2		INS	FX	6K00E	J3E										
INS	MSKH-KUPANG	10555.000	19	08	0325	0329	13.6		AUS	FX	3K00E	F1C							190	B		
J	TOKYO	10558.970	18	09	0746							A1A										
HNG	TARNOK	10672.000	10	09	0530	1300	17.5				300H	F1B										CIS36-50
I	ROMA	10672.000	20	09	0945		1.0	1414BEBE952	RUS	FX	250HE	F1B							18	A		50 BD
HNG	TARNOK	10703.200	10	09	2010	2030	26.5				15K0E	F0N										OTHR
INS	MSTM-MEDAN	10707.500	09	08	0858	0901	40.9		INS	FX	10K0E	J3E										
HNG	TARNOK	10712.000	10	09	0550	1920	29.1				300H	F1B										50BD,200HZ ASC II
RUS	SMOLENSK	10731.000	23	08	0540	0640	32.0		CHN	BC	2K99	A3E	107	E	40	33	N	17	157	B		
RUS	BELGOROD	10731.400	23	08	0612	0615	27.1		BEL		2K90	G1D	003	E	34	51	N	07	285	B		
I	ROMA	10731.400	23	08	0715		46.0			FX	3K00E	G1D							337	A		STANAG 4285
J	TOKYO	10733.900	14	08	0602				RUS				128	E	07	50	N	14	333	A		
J	TOKYO	10735.000	02	09	2346							F1B							345	D		
J	TOKYO	10735.000	18	09	0749				RUS			F1B	135	E	09	48	N	27	345	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	10773.000	18	09	0752							F1B							359	C		
J	TOKYO	10814.300	25	09	0604														278	D		
J	TOKYO	10819.850	02	07	0419			SOUND OF HOPE		BC		A3E	121	E	05	24	N	18	241	A	11	
J	TOKYO	10819.850	06	08	0752			SOUND OF HOPE		BC		A3E	120	E	53	24	N	16	242	A	11	TAIWAN
J	TOKYO	10819.850	14	08	0608			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10819.850	27	08	0142			SOUND OF HOPE		BC		A3E	121	E	13	24	N	02	240	A	11	TAIWAN
J	TOKYO	10819.850	10	09	1007			SOUND OF HOPE		BC		A3E	121	E	00	24	N	05	240	B	11	TAIWAN
J	TOKYO	10819.850	18	09	0753			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	10819.850	25	09	0604			SOUND OF HOPE		BC		A3E	120	E	23	23	N	40	241	B	11	TAIWAN
J	TOKYO	10819.860	09	07	0138			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	10819.860	02	09	2348			SOUND OF HOPE		BC		A3E	120	E	53	24	N	25	242	A	11	
KOR	CRMS	10820.000	03	07	0134	0134	-6.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	10820.000	05	08	0409	0409	-12.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	10820.000	04	09	0002	0002	-10.8		CHN	BC	14K9	A3E									11	
INS	MSWR-MERAUKE	10840.350	14	07	1115	1210	15.9		INS	FX	2K40	J3E										
INS	MSCK-TANGERANG	10853.000	26	08	0806	0809	49.7		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	10861.000	26	08	0814	0817	77.2		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	10866.400	18	09	0430	0435	11.6		INS	MS	6K00E	J3E										
J	TOKYO	10869.830	02	07	0429			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	10869.840	02	09	2355			SOUND OF HOPE		BC		A3E							243	D	11	TAIWAN
J	TOKYO	10869.840	10	09	1010			SOUND OF HOPE		BC		A3E	121	E	00	24	N	05	240	B	11	TAIWAN
J	TOKYO	10869.840	18	09	0757			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10869.840	25	09	0609			SOUND OF HOPE		BC		A3E	120	E	20	23	N	16	240	B	11	TAIWAN
J	TOKYO	10869.850	09	07	0140			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	10869.850	16	07	2346					BC		A3E							242	B		
J	TOKYO	10869.850	06	08	0801			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10869.850	14	08	0609			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	10870.000	02	07	0622	0622	-13.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	10870.000	05	08	0409	0409	-14.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	10870.000	03	09	0605	0605	-15.5		CHN	BC	14K9	A3E									11	
G	BALDOCK	10871.700	11	09				D - BEACON (SEVPOL)	RUS	FC	100HE	A1A							92	B		D - BEACON
G	BALDOCK	10871.800	11	09				P - BEACON (KALIN)	RUS	FC	100HE	A1A							72	B		P - BEACON
G	BALDOCK	10871.900	11	09				S BEACON (SEVMORSK)	RUS	FC	100HE	A1A							32	B		S - BEACON
J	TOKYO	10872.200	16	07	2348			F				A1A	131	E	38	43	N	20	321	B		
J	TOKYO	10872.300	02	07	0434			K				A1A							29	D		
J	TOKYO	10872.300	16	07	2348			K				A1A	158	E	33	52	N	21	32	B		
J	TOKYO	10872.300	14	08	0610			K				A1A	158	E	07	52	N	58	30	B		
J	TOKYO	10872.300	27	08	0146			K				A1A	158	E	12	53	N	21	35	B		
J	TOKYO	10872.300	02	09	2358			K				A1A							30	D		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	10872.300	10	09	1012			K				A1A	139	E	17	50	N	31	357	B		
J	TOKYO	10872.300	18	09	0758			K				A1A							30	C		
J	TOKYO	10872.300	25	09	0610			K				A1A	158	E	17	53	N	05	30	B		
J	TOKYO	10872.370	03	09	0003			M				A1A							0	D		TAIWAN
J	TOKYO	10872.390	02	07	0436			M				A1A							358	D		
J	TOKYO	10872.390	09	07	0142			M				A1A							20	D		
J	TOKYO	10872.390	24	07	1009			M				A1A							322	D		
J	TOKYO	10872.390	06	08	0805			M				A1A							0	D		
J	TOKYO	10872.390	20	08	0426			M				A1A							0	D		
J	TOKYO	10872.390	18	09	0758			M				A1A							359	C		
J	TOKYO	10872.390	25	09	0610			M				A1A							359	D		
J	TOKYO	10872.400	16	07	2348			M				A1A	139	E	33	52	N	00	358	B		
J	TOKYO	10872.400	14	08	0611			M				A1A							359	C		
J	TOKYO	10872.400	27	08	0146			M				A1A	140	E	06	50	N	36	359	B		
J	TOKYO	10872.400	10	09	1013			M				A1A	157	E	59	53	N	24	30	B		
INS	MSWR-MERAUKE	10883.250	12	07	0550	0750	16.2		INS	FX	2K40	J3E										
INS	MSCK-TANGERANG	10887.500	26	08	0818	0821	59.5		INS	MS	2K70E	J3E										
J	TOKYO	10889.000	02	07	0439							F1B							357	D		
INS	MSCK-TANGERANG	10893.500	26	08	0822	0826	66.7		INS	MS	2K70E	J3E										
INS	MSWR-MERAUKE	10898.000	12	07	0537	0550	12.8		INS	FX	2K40	J3E										
INS	MSKH-KUPANG	10902.000	13	08	1128	1130	19.8		INS	MA	2K70E	J3E										
INS	MSTM-MEDAN	10917.500	09	08	0857	0858	32.8		INS	FX	10K0E	J3E										
J	TOKYO	10939.880	02	07	0443			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10939.880	16	07	2353			SOUND OF HOPE		BC		A3E	121	E	30	25	N	22	243	B	11	TAIWAN
J	TOKYO	10939.880	06	08	0808			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10939.880	27	08	0152			SOUND OF HOPE		BC		A3E	121	E	03	24	N	09	240	B	11	TAIWAN
J	TOKYO	10939.880	03	09	0006			SOUND OF HOPE		BC		A3E							242	D	11	TAIWAN
J	TOKYO	10939.880	10	09	1015			SOUND OF HOPE		BC		A3E	120	E	48	24	N	10	240	B	11	TAIWAN
J	TOKYO	10939.880	18	09	0800			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	10939.880	25	09	0611			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10939.890	09	07	0151			SOUND OF HOPE		BC		A3E							239	D	11	
HNG	TARNOK	10948.000	12	09	0417	0530	21.7				20K0E	F0N										OTHR
J	TOKYO	10949.000	25	09	0611							J3E							269	D		
INS	MSKH-KUPANG	10952.500	18	09	0435	0440	14.4		INS	MS	6K00E	J3E										
J	TOKYO	10959.680	02	07	0446			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	10959.690	09	07	0153			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	10959.690	16	07	2355			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10959.700	18	09	0801			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	10959.700	25	09	0617			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	10959.710	27	08	0155			SOUND OF HOPE		BC		A3E	120	E	53	24	N	23	240	B	11	TAIWAN
J	TOKYO	10959.710	03	09	0008			SOUND OF HOPE		BC		A3E							242	D	11	TAIWAN
J	TOKYO	10959.710	10	09	1017			SOUND OF HOPE		BC		A3E	120	E	48	24	N	10	240	B	11	TAIWAN
J	TOKYO	10959.730	06	08	0810			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	10960.000	01	07	0405	0405	-9.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	10960.000	06	08	2359	2400	-12.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	10960.000	03	09	0605	0605	-14.5		CHN	BC	14K9	A3E									11	
HNG	TARNOK	10965.000	12	09	0303	0417	23.4				20K0E	F0N										OTHR
HNG	TARNOK	10965.000	12	09	0350	0417	39.0				10K0E	F0N										OTHR
HNG	TARNOK	10988.000	12	09	1605	1635	50.0				20K0E	F0N										OTHR
INS	MSPA-SAMARINDA	11001.500	13	07	0815	0819	26.7		INS	FX	2K61E	J3E							0			
INS	MSCK-TANGERANG	11002.000	09	07	0835	0936	12.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	11002.000	15	07	0926	0928	10.6		INS	MS	2K70E	J3E										
INS	MSPA-SAMARINDA	11002.000	21	07	0657	0658	27.4		INS	MS	3K00E	J3E							0			
INS	MSKH-KUPANG	11002.200	18	07	0856	0906	33.6		INS	MS	2K40E	J3E							223	A		
INS	MSKH-KUPANG	11004.000	09	07	0248	0255	10.5		INS	MS	2K40E	J3E							154	C		
INS	MSKH-KUPANG	11004.000	15	07	0625	0639	11.4		INS	MS	2K40E	J3E							57	C		
INS	MSKH-KUPANG	11005.000	18	07	0923	0928	34.5		INS	MS	2K40E	J3E							56	A		
INS	MSCK-TANGERANG	11007.150	23	07	0318	0320	56.8		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	11007.200	18	07	0916	0922	34.4		INS	MS	2K40E	J3E							129	A		
INS	MSCK-TANGERANG	11007.200	03	09	0100	0101	39.3		INS	MS	2K80E	J3E										
HNG	TARNOK	11007.500	12	09	0000	0400	42.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	11007.500	12	09	0430	0530	37.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	11007.500	12	09	1006	2156	21.1				3K00E	G1D										STANAG 4285
I	ROMA	11007.500	23	09	0918		24.0			FX	3K00E	G1D							347	A		STANAG 4285 2400BD 6
INS	MSCK-TANGERANG	11008.000	06	08	0905	0907	55.4		INS	MS	2K80E	J3E										
INS	MSCK-TANGERANG	11008.500	24	07	0849	0852	45.8		INS	MS	2K70E	J3E										
INS	MSTM-MEDAN	11008.500	16	08	1156	1158			INS	MS	2K40E	J3E										
INS	MSCK-TANGERANG	11010.000	04	07	0953	0955	22.0		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	11010.000	08	07	1009	1011	32.9		INS	MS	2K70E	J3E										
INS	MSPA-SAMARINDA	11011.000	13	07	0905	0914	41.3		INS	FX	2K70E	J3E							0			
INS	MSCK-TANGERANG	11011.000	19	07	0244	0248	66.9		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	11011.000	22	07	0844	0846	550.6		INS	MS	2K70E	J3E										
INS	MSCK-TANGERANG	11011.000	23	07	0324	0327	66.9		INS	MS	2K70E	J3E										
INS	MSKH-KUPANG	11012.000	03	07	0236	0245	18.6		INS	MS	2K40E	J3E							134	B		FISHERMAN
INS	MSKH-KUPANG	11012.000	09	07	0145	0156	16.3		INS	MS	2K40E	J3E							14	B		
INS	MSKH-KUPANG	11012.000	11	07	0747	0752	17.6		INS	MS	2K80E	J3E							293			JAVANESE LANGUAGE - FISHERMAN
INS	MSKH-KUPANG	11012.000	15	07	0640	0651	30.6		INS	MS	2K40E	J3E							58	A		
INS	MSKH-KUPANG	11012.000	17	07	0303	0310	22.6		INS	MS	2K40E	J3E							69	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	11012.000	18	07	0907	0915	32.1		INS	MS	2K40E	J3E							137	B		
INS	MSPA-SAMARINDA	11012.500	13	07	0819	0824	31.5		INS	FX	4K95E	J3E							0			
J	TOKYO	11031.500	10	09	1019														315	C		
I	ROMA	11039.000	23	08	0957		15.0	DDH9	D	FX	500HE	F1B							349	B		50BD
RUS	BELGOROD	11039.000	26	08	0641	0645	31.4	DDH9	D		560H	F1B	009	E	58	53	N	19	289	B		
RUS	S. PETERSBURG	11039.000	26	08	0918	0930	47.0		HOL	FX	685H	F1B	004	E	47	52	N	18	252	B		
HNG	TARNOK	11039.000	12	09	0530	0939	45.1	DDH9	D	SM	880H	F1B										50BD, 450HZ, ITA2
HNG	TARNOK	11039.000	12	09	1450	2400	45.1	DDH9	D	SM	880H	F1B										50BD, 450HZ, ITA2
I	ROMA	11039.000	23	09	0920		14.0	DDH9	D	FX	500HE	F1B							353	A		50BD
I	ROMA	11039.000	27	09	1011		21.0	DDH9	D	FX	500HE	F1B							353	A		50BD
J	TOKYO	11042.700	14	08	0622				RUS				134	E	10	49	N	14	344	A		
J	TOKYO	11069.940	02	07	0451			SOUND OF HOPE		BC		A3E	120	E	53	24	N	15	243	B	11	
J	TOKYO	11069.940	16	07	2357			SOUND OF HOPE		BC		A3E	121	E	14	25	N	59	242	B	11	TAIWAN
J	TOKYO	11069.950	06	08	0815			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11069.950	14	08	0624			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11069.950	27	08	0156			SOUND OF HOPE		BC		A3E	120	E	53	24	N	23	240	A	11	TAIWAN
J	TOKYO	11069.950	03	09	0011			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11069.950	10	09	1020			SOUND OF HOPE		BC		A3E	121	E	12	24	N	00	242	B	11	TAIWAN
J	TOKYO	11069.950	18	09	0809			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11069.950	25	09	0619			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	11070.000	01	07	0405	0405	-15.1		CHN	BC	14K9	A3E										11
KOR	CRMS	11070.000	07	08	0000	0000	-10.8		CHN	BC	14K9	A3E										11
KOR	CRMS	11070.000	03	09	0605	0605	-14.4		CHN	BC	15K0	A3E										11
INS	MSKH-KUPANG	11080.000	11	07	0550	0620	32.5		INS	FX	2K80E	J3E										COMMUNICATION RADIO
RUS	BELGOROD	11086.500	27	08	0621	0624	44.1		G		1K30	F1C	000	E	05	53	N	40	292	B		
I	ROMA	11088.000	23	08	1005		1.0	1EB41EB2952	RUS	FX	275HE	F1B							66	A		49.92BD T600
HNG	TARNOK	11088.000	12	09	1510	1837	20.7				300H	F1B										50BD,200HZ ASC II
J	TOKYO	11089.980	24	07	1015							F3C										
KOR	CRMS	11100.000	01	07	0405	0405	-19.3		CHN	BC	14K9	A3E										11
J	TOKYO	11100.000	02	07	0454			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11100.000	09	07	0155			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	11100.000	01	08	0404	0404	-15.7		CHN	BC	14K9	A3E										11
J	TOKYO	11100.000	06	08	0817			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11100.000	14	08	0626			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	11100.000	20	08	0429			SOUND OF HOPE		BC		A3E							243	D	11	
INS	MSWR-MERAUKE	11100.000	21	08	1215	1237	10.2		CHN	BC	9K00	A3E										
J	TOKYO	11100.000	27	08	0159			SOUND OF HOPE		BC		A3E	120	E	53	24	N	23	240	B	11	TAIWAN
J	TOKYO	11100.000	03	09	0013			SOUND OF HOPE		BC		A3E							241	D	11	KOR
KOR	CRMS	11100.000	03	09	0605	0605	-13.0		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	11100.000	10	09	1021			SOUND OF HOPE		BC		A3E	121	E	12	24	N	00	242	B	11	TAIWAN
J	TOKYO	11100.000	18	09	0810			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11100.000	25	09	0620			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11104.000	25	09	0621				RUS			F1B	137	E	17	50	N	25	352	A		
INS	MSKH-KUPANG	11107.000	18	09	0440	0442	11.3		INS	FX	6K00E	J3E										
J	TOKYO	11119.970	02	07	0456			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11119.990	25	09	0626			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	11120.000	01	07	0405	0405	-19.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	11120.000	13	08	0600	0600	9.7		CHN	BC	15K0	A3E									11	
KOR	CRMS	11120.000	03	09	0606	0606	-11.0		CHN	BC	14K9	A3E									11	
J	TOKYO	11120.000	18	09	0811			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11120.010	03	09	0016			SOUND OF HOPE		BC		A3E							242	D	11	TAIWAN
J	TOKYO	11120.020	10	09	1022			SOUND OF HOPE		BC		A3E	121	E	12	24	N	00	242	B	11	TAIWAN
J	TOKYO	11120.030	06	08	0820			SOUND OF HOPE		BC		A3E	121	E	05	24	N	33	242	A	11	TAIWAN
INS	MSKH-KUPANG	11125.000	13	08	1130	1132	23.5		INS	MA	2K70E	J3E										
J	TOKYO	11149.850	02	07	0458			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11149.850	16	07	2359			SOUND OF HOPE		BC		A3E	120	E	59	24	N	10	241	B	11	TAIWAN
J	TOKYO	11149.850	25	09	0629			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	11150.000	01	07	0405	0405	-19.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	11150.000	24	09	0608	0608	28.4		CHN	BC	14K9	A3E									11	
RUS	S. PETERSBURG	11164.000	27	08	1215	1225	29.0		TUR	FX	553H	F1B	032	E	26	39	N	22	175	B		
J	TOKYO	11170.080	02	07	0500			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11170.080	24	07	1022			SOUND OF HOPE		BC		A3E	121	E	07	25	N	04	243	A	11	TAIWAN
J	TOKYO	11170.090	09	07	0157			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11170.090	06	08	0822			SOUND OF HOPE		BC		A3E	121	E	02	24	N	36	242	A	11	TAIWAN
J	TOKYO	11170.090	20	08	0431			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11170.090	27	08	0207			SOUND OF HOPE		BC		A3E	121	E	19	24	N	18	240	B	11	TAIWAN
J	TOKYO	11170.090	03	09	0019			SOUND OF HOPE		BC		A3E							242	D	11	TAIWAN
J	TOKYO	11170.090	10	09	1023			SOUND OF HOPE		BC		A3E	121	E	12	24	N	00	242	B	11	TAIWAN
J	TOKYO	11170.090	18	09	0812			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11170.090	25	09	0630			SOUND OF HOPE		BC		A3E							243	D	11	
INS	MSPA-SAMARINDA	11232.700	29	07	0137	0140	4.0		INS	MS	2K40E	J3E										
INS	MSPA-SAMARINDA	11244.000	29	07	0141	0145	15.0		INS	MS	3K00E	J3E										
RUS	BELGOROD	11253.000	28	08	0658	0701	23.6	RAF	G	FG	3K20	J3E	000	W	43	53	N	56	293	B		
I	ROMA	11253.000	30	09	1031		9.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							325	A		VOLMET
INS	MSPA-SAMARINDA	11257.000	07	08	0534	0535			INS	AT	3K00E	J3E										
INS	MSPA-SAMARINDA	11260.600	29	07	0147	0150	17.0		INS	MS	3K00E	J3E										
INS	MSTM-MEDAN	11270.000	02	07	0333	0338	17.0	Radio Communication	INS	MS	2K70	J3E										KOMUNIKASI PAK TRIS DAN PAK ADI
INS	MSPA-SAMARINDA	11270.000	29	07	0152	0155	10.0		INS	MS	3K00E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSPA-SAMARINDA	11282.750	29	07	0156	0200	4.0		INS	MS	3K00E	J3E										
HNG	TARNOK	11284.000	14	09	0706	0742	19.9				15K0E	F0N										OTHR
HNG	TARNOK	11285.000	14	09	1602	1612	16.2	BOMBAY RADIO	IND	FA	2K80E	J3E										USB SEA-1
G	BALDOCK	11285.000	22	09				COLOBO RADIO ATC	CLM	FG		J3E							93	A		COLOMBO RADIO ATC
HNG	TARNOK	11291.000	14	09	1443	1446	16.1	SAT-2		FD	2K80E	J3E										USB
HNG	TARNOK	11297.000	14	09	0555	0600	22.3	ROSTOV VOLMET	RUS	SM	2K80E	J3E										USB
INS	MSTM-MEDAN	11297.500	06	08	0853	0906	36.1		INS	FX	9K00E	J3E										
INS	MSCK-TANGERANG	11300.000	08	08	0858	1015	34.0		INS	FC	3K00	J3E										
INS	MSPA-SAMARINDA	11304.000	21	07	0100	0114	32.8		INS	FX	6K75E	J3E							0			
INS	MSCK-TANGERANG	11305.000	08	08	0858	1015	34.0		INS	FC	3K00	J3E										
INS	MSPA-SAMARINDA	11305.000	09	08	0818	0850			INS	AT	3K00E	F3E										
INS	MSCK-TANGERANG	11305.000	09	08	0833	0946	34.0		INS	FC	3K00	J3E										
INS	MSPA-SAMARINDA	11305.000	10	08	0329	0331			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11305.000	10	08	1148	1230			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11305.000	11	08	0146	0320			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11305.000	11	08	0325	0331			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11306.000	10	08	0137	0146			INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11306.000	19	08	0920	0930	23.5		USA	AL	2K40E	J2D							43	A		
J	TOKYO	11306.000	25	09	0631			GUAM		FA		J2D										
J	TOKYO	11307.400	24	07	1030							J2D							258	D		
INS	MSPA-SAMARINDA	11308.000	07	08	0827	0828			INS	AT	3K00E	J3E										
INS	MSPA-SAMARINDA	11308.000	08	08	1035	1120			INS	AT	3K00E	J3E										
INS	MSPA-SAMARINDA	11308.000	11	08	1203	1220			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11308.000	11	08	1225	1227			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11308.000	11	08	1228	1246			INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	01	07	0416	0417			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	01	07	1218	1219			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	02	07	0245	0250	30.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSWR-MERAUKE	11309.000	02	07	0347	0350	12.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	02	07	0401	0403	15.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSPA-SAMARINDA	11309.000	02	07	0525	0531			INS	FA	3K00E	J3E	119	E	33	05	S	04	180	B		MAKASSAR INFORMATION
INS	MSCK-TANGERANG	11309.000	02	07	0710	0711			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	02	07	1045	1047	12.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	02	07	1050	1052	13.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	02	07	1248	1249			INS	AL	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	03	07	0306	0318			INS	FA	3K00E	J3E	119	E	33	05	S	04	180	B		MAKASSAR INFORMATION
INS	MSTM-MEDAN	11309.000	03	07	0317	0322	29.9		INS	AL	2K80E	J3E										PLB INFO
INS	MSCK-TANGERANG	11309.000	03	07	0706	0707			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	03	07	0942	0944	17.5		INS	FA	2K70E	J3E										MAKASSAR INFO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSWR-MERAUKE	11309.000	03	07	0953	0955	12.6		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	03	07	1000	1002	10.5		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	03	07	1003	1005	10.3		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	03	07	1240	1241			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	04	07	0200	0202	17.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	04	07	0203	0205	15.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	04	07	0223	0225	16.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSTM-MEDAN	11309.000	04	07	0335	0343	22.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSCK-TANGERANG	11309.000	04	07	0710	0711			INS	AL	2K80E	J3E										
INS	MSKH-KUPANG	11309.000	04	07	0856	0859	29.3		INS	FD	2K80E	J3E							9	A		MAKASAR INFO
INS	MSKH-KUPANG	11309.000	04	07	0859	0902	26.5		PNG	MA	2K40E	J3E							11	A		ANG392
INS	MSWR-MERAUKE	11309.000	04	07	0940	0942	13.0		INS	FA	2K70E	A1A										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	04	07	0947	0949	11.5		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	04	07	1005	1007	12.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	04	07	1248	1249			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	05	07	0000	2400	16.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	05	07	0354	0356	14.3		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	05	07	0416	0417			INS	AL	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	05	07	0602	0632			INS	FA	3K00E	J3E	119	E	33	05	S	04	180	B		MAKASSAR INFORMATION
INS	MSTM-MEDAN	11309.000	05	07	0705	0710	24.9		INS	AL	2K80E	J3E										PLB INFO
INS	MSWR-MERAUKE	11309.000	05	07	1025	1027	15.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	05	07	1035	1037	16.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	05	07	1218	1219			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	05	07	1251	1253	13.8		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSTM-MEDAN	11309.000	08	07	0230	0240	21.8		INS	AL	2K80E	J3E										PLB INFO
INS	MSPA-SAMARINDA	11309.000	08	07	0340	0347			INS	FA	3K00E	J3E	119	E	33	05	S	04	180	B		MAKASSAR INFORMATION
INS	MSCK-TANGERANG	11309.000	08	07	0536	0537			INS	AL	2K80E	J3E										
INS	MSKH-KUPANG	11309.000	08	07	0550	0553	13.5		J	MA	2K40E	J3E								45	B	JAPAN AIR FORCE
INS	MSKH-KUPANG	11309.000	08	07	0553	0558	24.6		INS	FD	2K40E	J3E							356	A		MAKASAR INFO
INS	MSWR-MERAUKE	11309.000	08	07	0745	0748	15.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	08	07	0838	0840	15.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	08	07	0954	0956	15.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	08	07	1010	1012	13.7		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSWR-MERAUKE	11309.000	08	07	1037	1039	14.0		INS	FA	2K70E	J3E										MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	08	07	1210	1211			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	09	07	0000	2400			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	09	07	0252	0302	25.7		INS	AL	2K80E	J3E										PLB INFO
INS	MSKH-KUPANG	11309.000	09	07	0825	0828	22.4		PHL	MA	2K40E	J3E							27	A		PHILIPPINES AIR FORCE
INS	MSWR-MERAUKE	11309.000	09	07	0827	0829	16.0		INS	FA	2K70E	J3E										MAKASSAR INFO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	11309.000	09	07	0828	0830	43.8		INS	FD	2K40E	J3E							346	A		MAKASAR INFO
INS	MSWR-MERAUKE	11309.000	09	07	1126	1128	16.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	09	07	1248	1249			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	10	07	0240	0302	22.9		INS	AL	2K80E	J3E										PLB INFO
INS	MSKH-KUPANG	11309.000	10	07	0257	0300	30.0		INS	FD	2K80E	J3E										MAKASAR INFO
INS	MSPA-SAMARINDA	11309.000	10	07	0350	0357			INS	FA	3K00E	J3E	119	E	33	05	S	04	180	B		MAKASSAR INFORMATION
INS	MSCK-TANGERANG	11309.000	10	07	0725	0726			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	10	07	0820	0822	11.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	10	07	0824	0826	11.5		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	10	07	1240	1241			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	11	07	0235	0245	19.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSKH-KUPANG	11309.000	11	07	0254	0257	30.0		INS	FD	2K40E	J3E										MAKASAR INFO
INS	MSWR-MERAUKE	11309.000	11	07	0347	0350	13.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	11	07	0706	0708			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	11	07	0725	0735	32.1		INS	AL	2K80E	J3E										PLB INFO
INS	MSCK-TANGERANG	11309.000	11	07	1241	1242			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	12	07	0220	0230	17.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSCK-TANGERANG	11309.000	12	07	0749	0750			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	12	07	0858	0900	17.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	12	07	0953	0955	17.5		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	12	07	1211	1212			INS	AL	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	13	07	0700	0800	25.1		INS	FD	2K70E	J3E							0			
INS	MSWR-MERAUKE	11309.000	15	07	0215	0225	17.5		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	15	07	0618	0619			INS	AL	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	15	07	0638	0710	12.0		INS	FA	3K00E	J3E										MAKASSAR INFO
INS	MSKH-KUPANG	11309.000	15	07	0746	0750	39.3		INS	FD	2K40E	J3E							323	A		MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	15	07	1211	1212			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	16	07	0142	0343	55.9		INS	FA	3K00E	J3E										KOMUNIKASI AIRNAV MAKASAR
INS	MSWR-MERAUKE	11309.000	16	07	0738	0740	19.5		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	16	07	0745	0747	16.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	16	07	1237	1238			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	17	07	0252	0253			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	17	07	0757	0759	15.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	17	07	0803	0805	11.7		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	17	07	0825	0827	15.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	17	07	1148	1149			INS	AL	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	18	07	0245	0305	10.0		INS	FA	3K00E	J3E										KOMUNIKASI PENERBANGAN / MAKASSAR INFO
INS	MSCK-TANGERANG	11309.000	18	07	0700	0701			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	18	07	1112	1114	15.0		INS	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
INS	MSWR-MERAUKE	11309.000	18	07	1118	1120	16.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	18	07	1123	1125	16.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	18	07	1251	1252			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	19	07	0121	0122			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	19	07	0618	0619			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	19	07	0742	0744	11.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	19	07	0830	0832	16.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	22	07	0250	0252	11.5		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	22	07	0818	0820	19.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	22	07	0911	0913	11.5		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	22	07	0948	0950	18.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	22	07	1218	1219			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	23	07	0700	0701			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	23	07	1106	1108	12.0		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	23	07	1251	1252			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	24	07	0217	0219	15.0		INS	FA	2K70E	J3E										
INS	MSWR-MERAUKE	11309.000	24	07	0300	0302	12.5		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	24	07	0618	0619			INS	AL	2K80E	J3E										
INS	MSWR-MERAUKE	11309.000	24	07	0940	0942	12.4		INS	FA	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	24	07	1211	1212			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	25	07	0157	0158			INS	AL	2K80E	J3E										
INS	MSKH-KUPANG	11309.000	25	07	0322	0328	40.0		INS	MA	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	25	07	1148	1149			INS	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	26	07	0830	0844			INS	FA	9K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	29	07	0215	0220	36.0		INS	FD	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	29	07	0229	0230			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	30	07	0109	0110			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	01	08	1143	1145	36.7		INS	FA	3K00E	A3E										
INS	MSKH-KUPANG	11309.000	02	08	0700	0705	30.0		INS	FD	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	02	08	0750	0755	29.5		INS	FA	3K00	J3E										
INS	MSKH-KUPANG	11309.000	06	08	0600	0610	44.0		INS	FD	2K40E	J3E										
INS	MSKH-KUPANG	11309.000	06	08	0835	0839	13.2		INS	FD	2K40E	J3E							311	A		
INS	MSCK-TANGERANG	11309.000	07	08	0100	0210			INS	AL	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	07	08	0200	0300	10.0		INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11309.000	07	08	0204	0206			INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	07	08	0300	1000	34.0		INS	AL	2K70E	J3E										
INS	MSKH-KUPANG	11309.000	07	08	0300	0306	28.3		INS	FD	2K40E	J3E							337	A		
INS	MSPA-SAMARINDA	11309.000	07	08	0909	0910			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	08	08	0000	2400	44.0		INS	FA	3K00E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	11309.000	08	08	0000	2400	34.0		INS	AL	2K70E	J3E										
INS	MSTM-MEDAN	11309.000	08	08	0100	0200	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	08	08	0220	0237	32.7		INS	AL	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	08	08	0227	0327			INS	AL	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	08	08	0330	0430			INS	AL	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	08	08	0430	0600			INS	AL	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	08	08	0635	0935			INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	08	08	0643	0758	34.0		INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11309.000	08	08	0657	0658			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	08	08	0930	0940			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0000	2400			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0112	0112			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	09	08	0147	0232	34.0		INS	FA	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	09	08	0200	0315	10.0		INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0320	0325			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0530	0530			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0610	0610			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0625	0625			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0655	0655			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	09	08	0716	0717			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	10	08	0745	0746			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	10	08	1224	1225			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	12	08	0000	2400			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	12	08	0100	0230			INS	AL	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	12	08	0129	0729	30.4		INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	12	08	0136	0138			INS	FA	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	12	08	0200	0300	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	12	08	0300	0730			INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	12	08	0310	0320	30.1		INS	MA	2K40E	J3E							40	A		
INS	MSKH-KUPANG	11309.000	12	08	0311	0319	36.5		INS	FD	2K40E	J3E							321	A		
INS	MSPA-SAMARINDA	11309.000	12	08	0423	0424			INS	FA	3K00E	A3E										
INS	MSKH-KUPANG	11309.000	12	08	0651	0653	44.6		INS	FD	2K40E	J3E							336	A		
INS	MSKH-KUPANG	11309.000	12	08	0703	0705	39.4		INS	MA	2K40E	J3E							338	A		
INS	MSCK-TANGERANG	11309.000	12	08	0824	0827	87.5		INS	AT	2K70E	J3E										
INS	MSKH-KUPANG	11309.000	12	08	1132	1135	35.0		INS	AL	2K70E	J3E										
INS	MSCK-TANGERANG	11309.000	13	08	0100	0330			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11309.000	13	08	0322	0323			INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	13	08	0425	0427	33.5		INS	MA	2K40E	J3E										
INS	MSCK-TANGERANG	11309.000	13	08	0436	0936			INS	FA	3K00E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSPA-SAMARINDA	11309.000	13	08	0722	0723			INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	13	08	0752	0809	755.8		INS	FA	2K70E	J3E										
INS	MSKH-KUPANG	11309.000	13	08	1127	1128	20.1		INS	AL	2K70E	J3E										
INS	MSKH-KUPANG	11309.000	13	08	1250	1253	34.7		INS	FD	2K40E	J3E										
INS	MSPA-SAMARINDA	11309.000	14	08	0112	0113			INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	14	08	0140	0148	43.3		INS	FD	2K40E	J3E										
INS	MSPA-SAMARINDA	11309.000	14	08	0140	0141			INS	FA	3K00E	A3E										
INS	MSKH-KUPANG	11309.000	14	08	0230	0235	44.0		INS	MA	2K40E	J3E										
INS	MSPA-SAMARINDA	11309.000	14	08	0233	0235			INS	FA	3K00E	A3E										
INS	MSKH-KUPANG	11309.000	14	08	0237	0245	35.0		INS	FD	2K40E	J3E										
INS	MSKH-KUPANG	11309.000	14	08	0310	0325	39.0		INS	FD	2K40E	J3E										
INS	MSKH-KUPANG	11309.000	14	08	0400	0410	30.4		INS	FD	2K40E	J3E										
INS	MSPA-SAMARINDA	11309.000	14	08	0740	0742			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11309.000	15	08	0000	2400			INS	AL	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	15	08	0215	0219	30.0		INS	FD	2K40E	J3E										
INS	MSCK-TANGERANG	11309.000	15	08	1028	1133	55.9		INS	FA	2K70E	J3E										
INS	MSPA-SAMARINDA	11309.000	15	08	1243	1245			INS	FA	3K00E	A3E										
INS	MSCK-TANGERANG	11309.000	16	08	0239	0338	55.9		INS	FA	2K70E	J3E										
INS	MSPA-SAMARINDA	11309.000	16	08	1249	1251			INS	FA	3K00E	A3E										
INS	MSTM-MEDAN	11309.000	19	08	0200	0300	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	19	08	0931	0934	56.4		INS	FA	2K70E	J3E										
INS	MSTM-MEDAN	11309.000	20	08	0700	0800	10.0		INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11309.000	20	08	1215	1217			INS	FA	9K00E	A3E										
INS	MSTM-MEDAN	11309.000	21	08	0200	0400	10.0		INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	21	08	0613	0617	40.0		INS	FD	2K80E	J3E										
INS	MSTM-MEDAN	11309.000	22	08	0130	0230	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	26	08	0240	0248			INS	FA	3K00E	A3E										
INS	MSTM-MEDAN	11309.000	26	08	1000	1100	10.0		INS	FA	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	27	08	0500	0600	10.0		INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	28	08	0117	0120	40.0		INS	FD	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	28	08	0547	0548			INS	FA	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	28	08	0800	0900	10.0		INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	29	08	0444	0449	11.0		INS	FD	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	29	08	0613	0614			INS	FA	3K00E	J3E										
INS	MSKH-KUPANG	11309.000	29	08	1255	1258	20.0		INS	FD	2K80E	J3E										
INS	MSKH-KUPANG	11309.000	30	08	0636	0640	20.0		INS	FD	2K80E	J3E										
INS	MSPA-SAMARINDA	11309.000	30	08	0737	0738			INS	FA	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	30	08	0900	1030	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	02	09	0121	0122			INS	AL	2K80E	J3E										MAKASAR INFO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	11309.000	03	09	0148	0152	20.0		INS	FD	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	03	09	0618	0619			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSTM-MEDAN	11309.000	03	09	0830	0900	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	03	09	1240	1241			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	03	09	1253	1254	35.7		INS	FA	3K00E	A3E										
INS	MSKH-KUPANG	11309.000	04	09	0111	0115	50.0		INS	FD	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	04	09	0139	0140			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSKH-KUPANG	11309.000	04	09	0301	0305	40.0		INS	FD	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	05	09	1248	1249			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSKH-KUPANG	11309.000	06	09	0520	0525	20.0		INS	FD	2K80E	J3E										
INS	MSKH-KUPANG	11309.000	06	09	0737	0744	40.0		INS	FD	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	06	09	1236	1237			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	09	09	1236	1237			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	10	09	0107	0108			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	10	09	0452	0453			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSKH-KUPANG	11309.000	11	09	0249	0253	49.4		INS	FD	2K40E	J3E										
INS	MSCK-TANGERANG	11309.000	11	09	0658	0659			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	11	09	1236	1237			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	12	09	0154	0156	30.8		INS	FA	3K00E	J3E										
INS	MSTM-MEDAN	11309.000	12	09	0200	0220	10.0		INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11309.000	12	09	1242	1243			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	13	09	0107	0109			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSKH-KUPANG	11309.000	13	09	0328	0333	25.5		INS	MA	2K40E	J3E										
HNG	TARNOK	11309.000	14	09	1800	1816	19.2	SANTA MARIA RADIO	CPV	FA	2K80E	J3E										USB, NAT-E ROUTE
INS	MSKH-KUPANG	11309.000	17	09	0220	0224	30.0		INS	FD	2K80E	J3E										
INS	MSCK-TANGERANG	11309.000	17	09	1145	1146			INS	AL	2K80E	J3E										MAKASAR INFO
INS	MSCK-TANGERANG	11309.000	17	09	1236	1237			INS	AL	2K80E	J3E										MAKASAR INFO
G	BALDOCK	11309.000	22	09				SANTA MARIA ATC	POR	FG		J3E							237	B		SANATA MARIA HF ATC
INS	MSWR-MERAUKE	11310.000	02	07	1030	1040	10.2		INS	FA	3K00E	J3E										ANVARA MARITIM SENTOSA
INS	MSCK-TANGERANG	11310.000	07	08	0832	0835	37.5		INS	FA	2K40	A3E										
INS	MSCK-TANGERANG	11310.000	07	08	0947	0949			INS	FA	3K00E	A3E										
INS	MSPA-SAMARINDA	11311.000	08	08	1200	1256			INS	AT	3K00E	J3E										
INS	MSPA-SAMARINDA	11311.300	29	07	0222	0225			INS	MS	3K00E	J3E										
INS	MSPA-SAMARINDA	11311.325	11	08	0000	2400			INS	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11311.325	11	08	0121	0122			INS	FA	3K00E	J3E										
INS	MSCK-TANGERANG	11312.000	13	08	1000	1007			INS	FA	3K00E	A3E										
J	TOKYO	11312.000	18	09	0818			MOLOKAI		FA		J2D										
J	TOKYO	11313.380	24	07	1037							J2D							86	D		
INS	MSPA-SAMARINDA	11315.000	09	08	1043	1054			INS	AT	3K00E	J3E										

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	11318.000	14	07				SANTA CRUZ (ID 13)	BOL	FG		J1D							244	B		ARINC
HNG	TARNOK	11318.000	14	09	0630	0635	15.1	SIVKAR VOLMET	RUS	SM	2K80E	J3E										USB
HNG	TARNOK	11319.440	14	09	0710	0719	27.0	SANTA CRUZ	BOL	FX	3K00E	G1D										HF ACARS
HNG	TARNOK	11323.000	14	09	1450	1605	16.3				2K80E	J3E										USB
INS	MSTM-MEDAN	11323.500	06	08	0829	0841	28.1		INS	FX	9K00E	J3E										
INS	MSTM-MEDAN	11326.000	09	08	0400	0402	57.4		INS	MS	6K00E	J3E										
G	BALDOCK	11330.000	14	07				NEW YORK ATC	USA	FG		J3E							290	B		NEW YORK ATC
J	TOKYO	11334.700	25	09	0638														252	D		
G	BALDOCK	11348.000	14	07				TELDE CANARY ISLANDS	E	FG		J1D							212	B		HF ARINC ID -
INS	MSKH-KUPANG	11348.000	19	08	0646	0658	13.5		USA	AL	2K40E	J2D							30	A		
G	BALDOCK	11348.000	11	09				TELDE (GRAN CANARY)	E	FG		J1D							210	B		HF-ACARS STATION
HNG	TARNOK	11349.440	14	09	0630	0840	27.3	CANARY ISLANDS	E	FX	3K00E	G1D										HF ACARS
INS	MSPA-SAMARINDA	11350.000	29	07	0230	0235	25.2		INS	MS	3K00E	J3E										
INS	MSKH-KUPANG	11350.000	18	09	0442	0444	10.6		INS	FX	6K00E	J3E										
INS	MSKH-KUPANG	11351.000	19	08	0930	0937	37.1		NZL	AL	2K40E	J2D							112	A		
HNG	TARNOK	11359.000	14	09	2010	2029	16.2				2K80E	J3E										USB
HNG	TARNOK	11360.000	14	09	0601	0603	28.8		RUS		2K80E	J3E										USB, AIRTRANSPORT
INS	MSTM-MEDAN	11366.000	03	07	0322	0327	16.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	04	07	0343	0355	15.6		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	05	07	0710	0715	20.4		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	08	07	0240	0250	19.2		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	09	07	0302	0312	27.8		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	10	07	0302	0312	21.2		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	11	07	0245	0255	16.1		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	11	07	0810	0820	22.7		INS	AL	2K80E	J3E										PLB INFO
INS	MSTM-MEDAN	11366.000	12	07	0230	0235	14.8		INS	AL	2K80E	J3E										PLB INFO
INS	MSPA-SAMARINDA	11366.500	21	07	0857	0957	32.9		INS	FX	3K58E	J3E							0			
INS	MSPA-SAMARINDA	11368.000	21	07	0828	0857	27.1		INS	FX	5K21E	J3E							0			
INS	MSPA-SAMARINDA	11368.000	21	07	0957	1010	31.5		INS	FX	5K81E	J3E							0			
HNG	TARNOK	11379.000	14	09	0926	0941	26.9				15K0E	F0N										OTHR
INS	MSCK-TANGERANG	11387.000	01	07	0443	0444			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	01	07	0450	0454			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	01	07	1211	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	01	07	1222	1224			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	02	07	0640	0644			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	02	07	0652	0654			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	02	07	1240	1244			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	02	07	1252	1254			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	03	07	0132	0134			SNG	AL	2K80E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11387.000	03	07	0722	0724			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	03	07	0743	0744			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	03	07	1252	1254			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	04	07	0652	0654			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	04	07	1240	1244			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	04	07	1252	1254			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	05	07	0443	0444			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	05	07	0450	0454			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	05	07	1211	1212			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	05	07	1222	1223			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	08	07	0550	0554			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	08	07	0611	0614			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	08	07	1212	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	08	07	1220	1224			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	09	07	0110	0114			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	09	07	0710	0714			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	09	07	0721	0724			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	09	07	1251	1254			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	10	07	0713	0714			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	10	07	0720	0724			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	10	07	1242	1244			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	10	07	1250	1254			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	11	07	0612	0614			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	11	07	0650	0654			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	11	07	1210	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	11	07	1223	1224			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	12	07	0651	0654			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	12	07	0710	0714			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	12	07	1213	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	12	07	1220	1224			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	15	07	0610	0614			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	15	07	0621	0624			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	15	07	1212	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	15	07	1223	1224			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	16	07	1240	1244			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	16	07	1251	1254			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	17	07	0620	0624			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	17	07	0742	0744			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	17	07	1151	1154			SNG	AL	2K80E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11387.000	17	07	1210	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	18	07	0710	0714			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	18	07	0722	0724			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	18	07	1153	1154			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	18	07	1240	1244			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	19	07	0112	0114			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	19	07	0610	0614			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	19	07	0622	0624			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	19	07	1251	1254			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	22	07	0200	0400	14.5		THA	FD	2K70E	J3E							330			
INS	MSTM-MEDAN	11387.000	22	07	0420	0421	18.0		SNG	AL	6K00	J3E										ATIS SGP
INS	MSCK-TANGERANG	11387.000	22	07	1150	1154			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	22	07	1211	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	23	07	0710	0714			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	23	07	0722	0724			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	23	07	1150	1154			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	23	07	1240	1244			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	24	07	0610	0614			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	24	07	0621	0624			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	24	07	1212	1214			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	24	07	1223	1224			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	25	07	0711	0714			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	25	07	0720	0724			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	25	07	1240	1242			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	25	07	1252	1254			SNG	AL	2K80E	J3E										
INS	MSTM-MEDAN	11387.000	07	08	0617	0619				FA	3K00E	J3E										
INS	MSTM-MEDAN	11387.000	09	08	0542	0544				FA	3K00E	J3E										
INS	MSTM-MEDAN	11387.000	14	08	0640	0642			MEX	FA	3K00E	J3E										
INS	MSTM-MEDAN	11387.000	16	08	0613	0615			MEX	FA	3K00E	J3E										
INS	MSPA-SAMARINDA	11387.000	29	08	0900	0905	10.3			MA	2K70E	J3E										
INS	MSCK-TANGERANG	11387.000	02	09	1210	1214			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	02	09	1223	1224			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	03	09	0110	0114			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	03	09	0641	0644			THA	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	03	09	0652	0654			SNG	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11387.000	03	09	1251	1254			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	04	09	0642	0644			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	04	09	0750	0754			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	04	09	1141	1144			THA	AL	2K80E	J3E										BANGKOK VOLMET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11387.000	04	09	1153	1154			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	05	09	0341	0344			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	05	09	0450	0454			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	05	09	1141	1144			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	05	09	1152	1154			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	06	09	1211	1214			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	06	09	1223	1224			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	09	09	1211	1214			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	09	09	1222	1224			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	10	09	0110	0114			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	10	09	0122	0124			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	10	09	0612	0614			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	10	09	0620	0624			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
G	BALDOCK	11387.000	11	09				RIVERHEAD	USA	FG		J1D							292	B		HF-ACARS RIVERHEAD
INS	MSCK-TANGERANG	11387.000	11	09	0641	0644			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	11	09	0653	0654			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	11	09	1241	1244			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	11	09	1250	1254			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	12	09	1222	1224			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	12	09	1240	1244			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	13	09	0110	0114			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
INS	MSCK-TANGERANG	11387.000	13	09	0122	0124			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	17	09	1210	1214			THA	AL	2K80E	J3E										BANGKOK VOLMET
INS	MSCK-TANGERANG	11387.000	17	09	1221	1224			SNG	AL	2K80E	J3E										SINGAPORE VOLMET
J	TOKYO	11387.540	24	07	1043			SOUND OF HOPE		BC		A3E									11	
INS	MSTM-MEDAN	11388.000	06	08	0814	0824	41.1		INS	FX	9K00E	J3E										
INS	MSTM-MEDAN	11389.500	07	08	0631	0631			INS	MS	3K00E	J3E										
INS	MSCK-TANGERANG	11396.000	01	07	1242	1243			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	02	07	0134	0135			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	03	07	0134	0138			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	04	07	0134	0135			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	05	07	1242	1252			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	08	07	0600	0610			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	08	07	1244	1246			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	09	07	0122	0123			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	10	07	0808	0809			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	10	07	1253	1254			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	11	07	1233	1235			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	15	07	0000	2400			CHN	AL	2K80E	J3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11396.000	15	07	1233	1235			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	16	07	1239	1250			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	17	07	0606	0607			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	17	07	1224	1225			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	18	07	1252	1253			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	19	07	0134	0135			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	19	07	0600	0601			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	22	07	1225	1226			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	23	07	1253	1254			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	24	07	0616	0618			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	24	07	1233	1234			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	25	07	0759	0801			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	25	07	1242	1244			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	02	09	0134	0138			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	03	09	0134	0138			CHN	AL	2K80E	J3E										
INS	MSCK-TANGERANG	11396.000	05	09	1224	1231			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	06	09	1233	1235			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	09	09	1233	1240			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	10	09	0134	0136			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	11	09	0101	0104			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	12	09	1249	1250			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	13	09	0134	0136			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSCK-TANGERANG	11396.000	17	09	0532	0535			CHN	AL	2K80E	J3E										GUANGZHOU RADIO
INS	MSTM-MEDAN	11396.500	09	08	0551	0553			INS	MS	6K00E	J3E										
J	TOKYO	11409.970	17	07	0002			SOUND OF HOPE		BC		A3E	106	E	45	47	N	56	307	B	11	MNG
J	TOKYO	11409.980	24	07	1049			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11409.980	06	08	0827			SOUND OF HOPE		BC		A3E							304	D	11	
J	TOKYO	11409.980	03	09	0025			SOUND OF HOPE		BC		A3E							303	D	11	
J	TOKYO	11409.980	10	09	1026			SOUND OF HOPE		BC		A3E	104	E	57	47	N	46	306	B	11	MNG
J	TOKYO	11409.980	18	09	0823			SOUND OF HOPE		BC		A3E							308	C	11	
J	TOKYO	11409.980	25	09	0642			SOUND OF HOPE		BC		A3E							307	D	11	
KOR	CRMS	11410.000	03	07	0135	0135	-10.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	11410.000	07	08	0000	0000	-5.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	11410.000	04	09	0005	0005	-8.8		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	11419.950	18	09	0925	0926	45.1		INS	FX	2K70E	J3E										
INS	MSTM-MEDAN	11420.000	29	07	0400	0500	44.7		INS	AT	2K00E	J3E							110			
INS	MSCK-TANGERANG	11420.000	12	08	0249	0250	42.4		INS	FX	2K70E	J3E										
INS	MSKH-KUPANG	11420.000	13	08	1132	1135	24.3		INS	FX	2K70E	J3E										
INS	MSTM-MEDAN	11420.000	16	08	0740	0753	45.9		INS	AT	2K00E	J3E							110			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	11420.000	18	09	0414	0416	13.5		INS	FX	6K00E	J3E										
INS	MSKH-KUPANG	11420.000	18	09	0530	0535	25.0		INS	FX	6K00E	J3E										
INS	MSCK-TANGERANG	11425.000	18	09	0922	0923	37.7		INS	FX	2K70E	J3E										
INS	MSCK-TANGERANG	11430.000	02	09	0217	0718	47.5		INS	FX	2K70E	J3E										
INS	MSKH-KUPANG	11440.000	05	09	0600	0605	39.5		CHN	BC	10K0	A3E										
INS	MSKH-KUPANG	11440.000	18	09	0411	0413	12.1		INS	FX	6K00E	J3E										
J	TOKYO	11446.780	24	07	1051			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11455.000	24	07	1054			CHINA N.R.		BC		A3E							277	D	11	
J	TOKYO	11455.000	10	09	1027			SOUND OF HOPE		BC		A3E							278	C	11	
I	ROMA	11457.000	23	08	1010		28.0			FX	3K00E	G1D							347	A		STANAG 4285
RUS	S. PETERSBURG	11457.000	29	08	0627	0636	21.0		NOR	FX	3K72	G1D	010	E	41	59	N	46	276	B		
RUS	BELGOROD	11457.000	29	08	0703	0705	40.3		NOR		3K20	G1D	005	E	41	58	N	33	306	B		
G	BALDOCK	11457.000	20	09					NOR	FL	3K00E	G1D							28	B		2400
I	ROMA	11457.000	23	09	0928		30.0			FX	3K00E	G1D							356	A		STANAG 4285
J	TOKYO	11459.970	20	08	0438			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	11459.990	06	08	0835			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11459.990	27	08	0208			SOUND OF HOPE		BC		A3E	121	E	19	24	N	18	240	B	11	TAIWAN
J	TOKYO	11459.990	03	09	0029			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11459.990	18	09	0824			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	11459.990	25	09	0642			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	11460.000	04	07	0527	0527	-15.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	11460.000	05	08	0410	0410	-13.0		CHN	BC	14K9	A3E									11	
INS	MSPA-SAMARINDA	11460.000	29	08	0905	0910	18.7		CHN	BC	9K00E	A3E										
KOR	CRMS	11460.000	05	09	0407	0407	-19.9		CHN	BC	14K9	A3E									11	
J	TOKYO	11460.000	10	09	1028			SOUND OF HOPE		BC		A3E	121	E	20	24	N	20	240	B	11	TAIWAN
J	TOKYO	11460.010	02	07	0514			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11460.010	17	07	0004			SOUND OF HOPE		BC		A3E	121	E	18	24	N	42	242	B	11	TAIWAN
J	TOKYO	11460.020	09	07	0203			SOUND OF HOPE		BC		A3E							242	D	11	
INS	MSTM-MEDAN	11465.100	07	08	0601	0605			INS	FX	3K00E	J3E										
G	BALDOCK	11468.000	22	09					RUS	FL	290HE	F1B							63	B		200HZ SHIFT
J	TOKYO	11469.990	06	08	0838														321	D		
J	TOKYO	11470.000	18	09	0828				RUS			F1B	111	E	51	51	N	30	317	B		
J	TOKYO	11470.000	25	09	0644							F1B							318	D		
J	TOKYO	11499.950	20	08	0443			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11499.960	02	07	0517			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11499.960	27	08	0210			SOUND OF HOPE		BC		A3E	121	E	19	24	N	18	240	B	11	TAIWAN
J	TOKYO	11499.960	03	09	0031			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11499.960	25	09	0645					BC		A3E							242	D		
J	TOKYO	11499.970	09	07	0205			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	11499.970	17	07	0005			SOUND OF HOPE		BC		A3E	120	E	59	22	N	33	237	B	11	TAIWAN
J	TOKYO	11499.970	10	09	1030			SOUND OF HOPE		BC		A3E	121	E	20	24	N	20	240	B	11	TAIWAN
J	TOKYO	11499.970	18	09	0829			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	11499.980	24	07	1057			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11499.980	06	08	0840			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	11500.000	04	07	0527	0527	-16.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	11500.000	21	08	0022	0022	24.6		CHN	BC	14K7	A3E									11	
KOR	CRMS	11500.000	04	09	0006	0006	-5.4		CHN	BC	14K4	A3E									11	
ROU	BELCIUGATELE	11510.000	08	07	1008	1055	52.3			BC	10K0	A3E							101	A		Arabic language
ROU	BELCIUGATELE	11510.000	31	07	0939	1041	53.8	Radio Denge Gel	TUR	BC	10K0	A3E							101	A	3	Tashkent Kurdish language
RUS	BELGOROD	11510.000	29	08	1054	1057	36.1		ARM	BC	9K40	A3E	045	E	11	40	N	24	146	B	11	
J	TOKYO	11512.000	03	09	0034							F1B							323	D		
J	TOKYO	11519.970	27	08	0212			SOUND OF HOPE		BC		A3E	121	E	19	24	N	18	240	B	11	TAIWAN
J	TOKYO	11519.980	02	07	0518			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11519.980	09	07	0216			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	11519.980	17	07	0005			SOUND OF HOPE		BC		A3E	120	E	49	22	N	21	237	B	11	TAIWAN
J	TOKYO	11519.980	06	08	0843			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11519.990	03	09	0037			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11519.990	10	09	1038			SOUND OF HOPE		BC		A3E	121	E	20	24	N	20	240	B	11	TAIWAN
J	TOKYO	11519.990	18	09	0830			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11519.990	25	09	0646			SOUND OF HOPE		BC		A3E							238	D	11	
KOR	CRMS	11520.000	04	07	0527	0527	-17.0		CHN	BC	14K9	A3E									11	
ROU	BELCIUGATELE	11520.000	22	07	1200	1230	63.6	SOH Xi WANG Zhi Sherig	CHN	BC	9K00	A3E							136	A		Chinese language
KOR	CRMS	11520.000	06	08	0601	0601	-5.7		CHN	BC	14K9	A3E									11	
RUS	BELGOROD	11520.000	29	08	0708	0711	43.8		ARM	BC	9K50	A3E	045	E	11	40	N	24	146	B	11	
KOR	CRMS	11520.000	03	09	0606	0606	-17.1		CHN	BC	14K9	A3E									11	
G	BALDOCK	11520.000	20	09					OMA	BC	9K00E	A3E							99	B		AL SEELA TX
G	BALDOCK	11524.000	14	07					RUS	FX	290HE	F1B							66	B		200HZ SHIFT 50 BAUDS
J	TOKYO	11525.000	25	09	0647					BC		A3E							132	D		
ROU	BELCIUGATELE	11530.000	05	08	1113	1134	57.2	Turkiye Jamming Radio	TUR	BC	9K00	A3E							102	A	3	Emirler Music Propaganda
J	TOKYO	11534.980	02	07	0521			SOUND OF HOPE		BC		A3E							281	D	11	
J	TOKYO	11534.980	24	07	1102			SOUND OF HOPE		BC		A3E							283	C	11	
J	TOKYO	11534.980	06	08	0845			SOUND OF HOPE		BC		A3E	127	E	05	37	N	03	282	A	11	KOR
J	TOKYO	11534.990	17	07	0007			SOUND OF HOPE		BC		A3E	126	E	49	37	N	13	283	B	11	KOR
J	TOKYO	11535.000	09	07	0219			SOUND OF HOPE		BC		A3E	128	E	46	36	N	58	282	A	11	KOR
ROU	BELCIUGATELE	11535.000	06	08	0753	0831	64.7	Turkish Jammer	UZB	BC	9K00	A3E							103	A	3	Tashkent Kurdish language
RUS	BELGOROD	11535.000	29	08	1050	1054	53.9		TUR	BC	8K90	A3E	032	E	51	39	N	24	194	B	11	
J	TOKYO	11538.000	18	09	0831							A1A										
ROU	BELCIUGATELE	11540.000	31	07	1053	1123	50.2	Turkish Jammer	TUR	BC	10K0	A3E							101	A	3	Tashkent Turkish language

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	11540.000	29	08	0711	0716	43.4		TUR	BC	9K90	A3E	032	E	51	39	N	24	194	B	11	
ROU	BELCIUGATELE	11545.000	27	08	0710	0740	67.4	TRT Recep. Erdogan	TUR	BC	9K00	A3E							136	A		Turkish language
J	TOKYO	11549.910	02	07	0525			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11549.920	17	07	0007			SOUND OF HOPE		BC		A3E	121	E	34	25	N	05	242	B	11	TAIWAN
J	TOKYO	11549.930	09	07	0224			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	11550.000	04	07	0527	0527	-15.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	11550.000	21	08	0022	0022	22.3		CHN	BC	14K9	A3E									11	
RUS	BELGOROD	11550.000	29	08	0535	0538	38.9		ARM	BC	10K0	A3E	045	E	11	40	N	24	146	B	11	
KOR	CRMS	11550.000	24	09	0609	0609	17.8		CHN	BC	14K9	A3E									11	
J	TOKYO	11550.030	06	08	0849			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	11550.030	03	09	0040			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11550.030	25	09	0653			SOUND OF HOPE		BC		A3E							240	D	11	
G	BALDOCK	11552.000	14	07					USA	FX	1K10E	F1B							286	B		
J	TOKYO	11560.000	24	07	1104					BC		A3E							278	C		
J	TOKYO	11569.980	17	07	0008				CHN			A1A	116	E	28	38	N	22	285	B		
G	BALDOCK	11575.000	20	09				VOA RADIO ASHANA	KWT	BC	9K00E	A3E							101	B		KUWAIT TX
INS	MSTM-MEDAN	11580.000	02	07	0350	0355	20.0	SOH XI WANG SHI SHENG	CHN	BC	6K00	A3E										
KOR	CRMS	11580.000	04	07	0527	0527	-17.1		CHN	BC	14K9	A3E									11	
INS	MSKH-KUPANG	11580.000	29	07	0920	0925	32.4		CHN	BC	9K00E	A3E							19	B	11	
I	ROMA	11580.000	30	07	0635		18.0			FX	3K00E	G1D							345	A		STANAG 4285 2400BD
KOR	CRMS	11580.000	05	08	0410	0410	-15.4		CHN	BC	14K9	A3E									11	
I	ROMA	11580.000	23	08	1014		15.0			FX	3K00E	G1D							343	A		STANAG 4285 2400BD
RUS	S. PETERSBURG	11580.000	29	08	0640	0647	30.0		D	FX	3K72	G1D	007	E	31	53	N	39	252	B		
RUS	BELGOROD	11580.000	29	08	0720	0725	38.4		D		2K90	G1D	006	E	51	53	N	30	289	B		
KOR	CRMS	11580.000	04	09	0007	0007	-8.2		CHN	BC	14K9	A3E									11	
G	BALDOCK	11580.000	22	09					D	FX	3K00E	G1D							70	B		2400
I	ROMA	11580.000	23	09	0930		29.0			FX	3K00E	G1D							343	A		STANAG 4285 2400BD
J	TOKYO	11580.140	03	09	0053			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11580.140	10	09	1042			SOUND OF HOPE		BC		A3E	121	E	08	24	N	20	240	B	11	TAIWAN
J	TOKYO	11580.140	18	09	0835			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	11580.140	25	09	0654			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	11580.150	02	07	0528			SOUND OF HOPE		BC		A3E	120	E	48	24	N	33	243	B	11	
J	TOKYO	11580.150	09	07	0226			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11580.150	17	07	0013			SOUND OF HOPE		BC		A3E	121	E	27	25	N	02	244	B	11	TAIWAN
J	TOKYO	11580.150	06	08	0852			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	11580.150	20	08	0448			SOUND OF HOPE		BC		A3E							243	D	11	
INS	MSCK-TANGERANG	11585.000	03	09	1226	1229	56.7		UZB	BC	9K00E	A3E	069	E	09	41	N	13				
J	TOKYO	11590.000	17	07	0014				CHN	BC		A3E	087	E	20	43	N	40	300	B		
G	BALDOCK	11592.000	22	09					RUS	FC	290HE	F1B							97	B		SEVASTOPOL NAVAL

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	11592.000	23	09	0936		25.0		RUS	FX	250HE	F1B							71	A		50 BD
G	BALDOCK	11598.000	14	07					RUS	FC	290HE	F1B							70	A		KALININGRAD NAVAL
I	ROMA	11598.000	30	07	0637		10.0	1EB41EB2952	RUS	FX	270HE	F1B							17	A		T600 50BD
I	ROMA	11598.000	23	08	1015		6.0	1EB41EB2952	RUS	FX	270HE	F1B							16	A		T600 50BD
G	BALDOCK	11598.000	11	09					RUS	FX	290HE	F1B							73	B		200 HZ SHIFT 50
I	ROMA	11598.000	23	09	0940		10.0	1EB41EB2952	RUS	FX	270HE	F1B							16			T600 50BD
KOR	CRMS	11600.000	01	07	0407	0407	5.5		CHN	BC	14K8	A3E									6	
KOR	CRMS	11600.000	16	08	0620	0620	15.4		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	11600.000	03	09	1231	1233	52.4		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
KOR	CRMS	11600.000	04	09	0007	0007	-0.2		CHN	BC	14K8	A3E									6	
G	BALDOCK	11600.000	20	09				RADIO DARDANHA	BUL	BC	9K00E	A3E							114	B		KOSTINBROD TX
HNG	TARNOK	11600.004	16	09	1300	1400	24.3	FEBC	PHL	BC	11K4	A3E										
G	BALDOCK	11603.000	22	09					RUS	FL	290HE	F1B							70	B		200HZ SHIFT 50
HNG	TARNOK	11609.957	16	09	2100	2258	49.6	MWV	MDG	BC	10K8	A3E									3	
I	ROMA	11610.000	11	07	1920		54.0	VOICE OF AMERICA	G	BC	9K00E	A3E										
RUS	SLAVYANKA	11610.000	29	08	0005	0015	34.0		CHN	BC	6K47	A3E	113	E	49	38	N	26	258	A		
RUS	IRKUTSK	11610.000	29	08	0300	0330	35.0		CHN	BC	2K00	A3E	116	E	19	39	N	46	143	A		
RUS	NOVOSIBIRSK	11610.000	29	08	0300	0330	17.0		CHN	BC	2K90	A3E	116	E	19	39	N	46	110	A		
RUS	S. PETERSBURG	11610.000	29	08	0816	0835	26.0		CHN	BC	10K8	A3E							70	B		
RUS	BELGOROD	11610.000	29	08	1350	1357	46.5		CHN	BC	10K6	A3E	102	E	29	24	N	53	91	B		
HNG	TARNOK	11610.000	16	09	1457	1600	61.6	CRI	CHN	BC	8K86	A3E										
G	BALDOCK	11610.000	22	09				CRI	CHN	BC	9K00E	A3E							72	B		KASHI-SAIBAGH TX
F	RAMBOUILLET	11610.000	30	09	1300	1600	24.0	CRI	CHN		10K0	A3EG								A		
HNG	TARNOK	11610.001	16	09	1300	1457	19.9	CRI	CHN	BC	11K5	A3E										
HNG	TARNOK	11610.002	16	09	1700	1930	51.5	VOA	G	BC	10K7	A3E										
HNG	TARNOK	11612.800	16	09	0926	0938	29.4				3K00E	G1D									13	STANAG 4285
INS	MSWR-MERAUKE	11620.000	12	07	1236	1259	28.3		CHN	BC	9K00	A3E										
G	BALDOCK	11620.000	14	07				RADIO ROUMANIA INT	ROU	BC	9K00E	A3E							103	B		TIGANESTI TX
INS	MSKH-KUPANG	11620.000	29	07	0925	0930	49.7		CHN	BC	9K00E	A3E							17	A		
RUS	SLAVYANKA	11620.000	29	08	0015	0025	41.0		CHN	BC	5K91	A3E	112	E	10	37	N	51	258	A		
RUS	NOVOSIBIRSK	11620.000	29	08	0330	0400	13.0		CHN	BC	2K72	A3E	116	E	19	39	N	48	110	A		
RUS	IRKUTSK	11620.000	29	08	0330	0400	39.0		CHN	BC	3K00	A3E	116	E	19	39	N	48	143	A		
RUS	BELGOROD	11620.000	29	08	0620	0624	49.9	Radio Romania Int.	ROU	BC	9K70	A3E	026	E	06	44	N	45	234	B		
J	TOKYO	11620.000	05	09	1000			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11620.001	16	09	1700	1800	65.8	VOA	D	BC	10K3	A3E										
HNG	TARNOK	11620.002	16	09	0558	0630	35.1	CNR5	CHN	BC	7K48	A3E										
I	ROMA	11625.000	11	07	1920		38.0	NHK WORLD RADIO JAPA	J	BC	9K00E	A3E										
HNG	TARNOK	11625.002	16	09	1855	2100	40.0	NHK	J	BC	11K1	A3E										
INS	MSKH-KUPANG	11630.000	29	07	0930	0945	29.9		CHN	BC	9K00E	A3E							19	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	SLAVYANKA	11630.000	29	08	0118	0140	33.0		CHN	BC	4K01	A3E	108	E	22	34	N	58	254	A		
RUS	IRKUTSK	11630.000	29	08	0400	0430	14.0		CHN	BC	2K43	A3E	111	E	10	36	N	24	162	A		
RUS	BELGOROD	11630.000	29	08	1400	1405	55.7		CHN	BC	10K6	A3E	111	E	56	36	N	52	74	B		
G	BALDOCK	11630.000	20	09				CNR 17	CHN	BC	9K00E	A3E							53	B		LINGSHI TX
F	RAMBOUILLET	11630.000	30	09	1300	1600	44.0	RADIO KUWAIT	KWT		10K0	A3EG								A		
HNG	TARNOK	11630.002	16	09	1200	1804	13.0	CNR17	CHN	BC	11K5	A3E										
HNG	TARNOK	11634.902	16	09	2000	2050	37.3	KCBS	KRE	BC	11K4	A3E									3	
I	ROMA	11635.000	11	07	2000		43.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
J	TOKYO	11635.000	05	09	1100			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11635.909	16	09	1800	1957	42.4	KCBS	KRE	BC	11K2	A3E									3	
HNG	TARNOK	11639.999	16	09	2000	2127	34.9	CRI	CHN	BC	10K6	A3E										
KOR	CRMS	11640.000	03	07	0137	0137	0.9		CHN	BC	14K9	A3E									6	
I	ROMA	11640.000	11	07	1920		33.0	CHINA RADIO INTERNAT	MLI	BC	9K00E	A3E										
J	TOKYO	11640.000	29	08	0700			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	11640.000	16	09	1800	1957	40.6	CRI	CHN	BC	11K8	A3E										
HNG	TARNOK	11640.002	16	09	1430	1457	18.4	CRI	CHN	BC	11K8	A3E										
HNG	TARNOK	11640.005	16	09	1200	1257	12.9	CRI	CHN	BC	11K6	A3E										
HNG	TARNOK	11640.011	16	09	1520	1649	37.9	IRB	IRN	BC	11K6	A3E									3	
HNG	TARNOK	11640.015	16	09	1700	1800	55.8	JRC	MDG	BC	10K7	A3E									3	RADIO DABANGA
HNG	TARNOK	11644.918	16	09	1453	1757	30.8	KCBS	KRE	BC	10K7	A3E									3	
INS	MSKH-KUPANG	11645.000	13	08	1135	1140	21.6			BC	10K0	A3E										
G	BALDOCK	11645.000	22	09				VOICE OF KOREA	KOR	BC	9K00E	A3E								B		KUJANG TX
INS	MSPA-SAMARINDA	11650.000	01	07	1101	1102	47.7		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSWR-MERAUKE	11650.000	16	07	1125	1135	32.3		ROU	BC	9K00	A3E										
ROU	BELCIUGATELE	11650.000	31	07	1230	1249	36.9	China Radio International	CHN	BC	10K0	A3E							71	A		Hutubi English language
INS	MSTM-MEDAN	11650.000	07	08	0524	0558	41.9		CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	11650.000	19	08	0857	0858	36.1		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	11650.000	27	08	0805	0806	40.9		CHN	BC	3K00E	A3E							0			
RUS	BELGOROD	11650.000	29	08	1000	1005	44.7	Radio Romania Int.	ROU	BC	9K80	A3E	026	E	51	46	N	45	243	B		
RUS	ARKHANGELSK	11650.000	30	08	1000	1010	23.0	Radio France Int.	ROU	BC	2K39	A3E							198	B		
RUS	S. PETERSBURG	11650.000	30	08	1830	1840	81.0		CHN	BC	10K8	A3E	087	E	35	43	N	48	89	B		
ROU	BELCIUGATELE	11650.000	30	09	1130	1200	39.9	China Radio International	CHN	BC	9K00	A3E							70	A		English language
HNG	TARNOK	11650.001	16	09	1700	1957	64.5	CRI	CHN	BC	10K2	A3E										
HNG	TARNOK	11650.003	16	09	0958	1057	67.8	RRO	ROU	BC	10K6	A3E										
HNG	TARNOK	11650.004	16	09	1100	1457	18.2	CRI	CHN	BC	11K7	A3E										
G	BALDOCK	11655.000	20	09				ADIO IBRAHIM	UAE	BC	9K00E	A3E							104	B		AL-DHABBIYA TX
I	ROMA	11660.000	11	07	1920		38.0	BBC	USA	BC	9K00E	A3E										
INS	MSTM-MEDAN	11660.000	07	08	0558	0600	32.7		CHN	BC	9K00E	A3E									11	
ROU	BELCIUGATELE	11660.000	22	08	1425	1455	64.3	China Radio International	CHN	BC	9K00	A3E							82	A		Urdu language

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	IRKUTSK	11660.000	30	08	0400	0430	19.0		CHN	BC	2K44	A3E	108	E	35	33	N	43	170	A		
RUS	ARKHANGELSK	11660.000	30	08	1010	1020	7.0	CNR2-China Business Radio	CHN	BC	2K99	A3E							107	B		
RUS	S. PETERSBURG	11660.000	30	08	1430	1440	47.0		CHN	BC	8K85	A3E							79	B		
INS	MSKH-KUPANG	11660.000	03	09	0650	0653	23.7		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	11660.000	04	09	0237	0240	20.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11665.000	26	07	0855	0856				BC	9K00E	A3E										
INS	MSKH-KUPANG	11665.000	29	07	0947	0955	55.5			BC	9K00E	A3E							287	A		
INS	MSKH-KUPANG	11665.000	01	08	0425	0427	22.0			BC	9K00E	A3E										
INS	MSTM-MEDAN	11665.000	02	08	0920	0923	30.9			BC	9K00	A3E										
INS	MSCK-TANGERANG	11665.000	09	08	0709	0710	47.3			BC	9K00E	A3E										
INS	MSKH-KUPANG	11665.000	13	08	1147	1152	21.3			BC	10K0	A3E										
INS	MSCK-TANGERANG	11665.000	02	09	0000	2400	50.2			BC	9K00E	A3E										
INS	MSKH-KUPANG	11665.000	03	09	0654	0656	36.8			BC	9K00E	A3E										
INS	MSCK-TANGERANG	11665.000	13	09	0332	0333	39.4		INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	11665.000	17	09	0520	0535	28.7			BC	9K00E	A3E										
INS	MSCK-TANGERANG	11665.000	18	09	0919	0920	63.0			BC	9K00E	A3E										
G	BALDOCK	11665.000	22	09				CRI	CHN	BC	9K00E	A3E							65	B		KUMING-ANNING TX
INS	MSCK-TANGERANG	11670.000	26	07	0859	0859			CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	11670.000	14	08	0645	0646			CHN	BC	6K00E	A3E										
RUS	IRKUTSK	11670.000	30	08	0900	0930	7.0		CHN	BC	2K52	A3E	116	E	20	39	N	20	145	A		
RUS	MOROZOVS	11675.000	30	08	1800	2000	10.0		CHN	BC	6K00	A3E	087	E	02	42	N	14	84	B		
KOR	CRMS	11680.000	02	07	0625	0625	19.4		KRE	BC	13K7	A3E									6	
KOR	CRMS	11680.000	12	08	0402	0402	24.1		KRE	BC	14K0	A3E									6	
J	TOKYO	11680.000	20	08	0451				KRE				126	E	52	39	N	48	296	B		
RUS	IRKUTSK	11680.000	30	08	0800	0830	49.0		KRE	BC	3K79	A3E	125	E	54	40	N	07	123	A		
INS	MSKH-KUPANG	11680.000	03	09	0657	0700	16.9		KRE	BC	9K00E	A3E										
KOR	CRMS	11680.000	09	09	0450	0450	4.0		KRE	BC	14K0	A3E									6	
INS	MSCK-TANGERANG	11685.000	26	07	0901	1003			CHN	BC	9K00E	A3E	107	E	41	34	N	27				
ROU	BELCIUGATELE	11685.000	22	08	1430	1500	53.4	China Radio International	CHN	BC	9K00	A3E							82	A		Tamil language
J	TOKYO	11690.000	29	08	2300			CHINA R.I.	CHN	BC		A3E										
I	ROMA	11695.000	11	07	1920		47.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
RUS	IRKUTSK	11695.000	30	08	0230	0300	45.0		CHN	BC	11K4	A3E	108	E	12	35	N	18	171	A		
RUS	SAMARA	11695.000	30	08	0510	0520	17.0		CHN	BC	10K0	A3E	100	E	36	34	N	22				
RUS	ARKHANGELSK	11695.000	30	08	1020	1030	19.0	CNR2-China Business Radio	CHN	BC	2K93	A3E							89	B		
RUS	S. PETERSBURG	11695.000	30	08	1830	1900	39.0		CHN	BC	10K9	A3E	076	E	06	39	N	30	105	B		
I	ROMA	11700.000	11	07	2000		39.0	R.FRANCE.INT.	F	BC	9K00E	A3E										
RUS	SAMARA	11700.000	30	08	0520	0526	20.0		F	BC	10K0	A3E	001	E	53	46	N	57	278			
RUS	BELGOROD	11700.000	30	08	0620	0625	48.5	Radio France Int.	F	BC	10K6	A3E	001	E	53	46	N	57	274	B		
HNG	TARNOK	11700.001	18	09	2000	2029	47.2	RFI	F	BC	9K81	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	11700.002	18	09	0500	0700	33.3	RFI	F	BC	9K27	A3E										
HNG	TARNOK	11700.002	18	09	1200	1227	55.4	RRO	ROU	BC	9K38	A3E										
HNG	TARNOK	11700.002	18	09	1430	1450	27.5	VAT	CVA	BC	10K9	A3E										
HNG	TARNOK	11704.990	18	09	0030	0130	24.4	RFA	UAE	BC	9K93	A3E										
INS	MSCK-TANGERANG	11705.000	03	09	1235	1237	54.3		UAE	BC	9K00E	A3E										
HNG	TARNOK	11709.999	18	09	1600	1657	20.0	KCBS	KRE	BC	11K5	A3E										
INS	MSTM-MEDAN	11710.000	11	07	0719	0748	68.5		CHN	BC	5K00E	A3E							10			
INS	MSPA-SAMARINDA	11710.000	18	07	1017	1019	22.7		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSTM-MEDAN	11710.000	07	08	0601	0613	46.9		CHN	BC	9K00E	A3E									11	
INS	MSTM-MEDAN	11710.000	07	08	0740	0743			CHN	BC	6K00E	A3E										
J	TOKYO	11710.000	29	08	0800			CHINA R.I.	CHN	BC		A3E										
RUS	IRKUTSK	11710.000	30	08	0930	1000	40.0		CHN	BC	9K44	A3E	108	E	15	33	N	36	171	A		
INS	MSKH-KUPANG	11710.000	03	09	0701	0703	25.6		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	11710.000	05	09	0725	0731	44.6		CHN	BC	10K0	A3E										
HNG	TARNOK	11710.000	18	09	1400	1557	15.3	KCBS	KRE	BC	11K8	A3E										
G	BALDOCK	11710.000	22	09				VOICE OF KOREA	KOR	BC	9K00E	A3E							36	B		KUJNAG TX
HNG	TARNOK	11712.000	18	09	2016	2030	59.8				25K0E	F0N									13	OTHR
KOR	CRMS	11715.000	09	07	0651	0651	5.4		CHN	BC	14K6	A3E									6	
KOR	CRMS	11715.000	09	08	0731	0731	19.3		CHN	BC	10K8	A3E									6	
KOR	CRMS	11715.000	03	09	0608	0608	-6.8		CHN	BC	14K8	A3E									6	
HNG	TARNOK	11715.074	12	08	1800	2200	27.6	REE	E	BC	9K62	A3E									3	
INS	MSTM-MEDAN	11718.000	14	08	1200	1200			CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	11718.000	15	08	1200	1200			CHN	BC	9K00E	A3E										
HNG	TARNOK	11719.962	18	09	1330	1600	23.0	VOV	VTN	BC	11K1	A3E									3	
INS	MSTM-MEDAN	11720.000	04	07	0340	0345	30.0	VOICE OF VIETNAM	VTN	BC	6K00	A3E										
INS	MSTM-MEDAN	11720.000	11	07	0348	0400	52.7		CHN	BC	5K00E	A3E							10			
INS	MSTM-MEDAN	11720.000	23	07	0930	0935	18.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	11720.000	26	07	0859	0901	24.2		CHN	BC	3K00	A3E										CNR 1 VOICE OF CHINA
INS	MSCK-TANGERANG	11720.000	29	07	1234	1234			INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	11720.000	01	08	0429	0431	15.0		VTN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11720.000	02	08	0159	0201	42.0		CHN	BC	9K00E	A3E	114	E	28	37	N	49				
INS	MSCK-TANGERANG	11720.000	05	08	0132	0133	48.1		CHN	BC	9K00E	A3E	114	E	28	37	N	49				
INS	MSTM-MEDAN	11720.000	06	08	0543	0544			CHN	BC	6K00E	A3E										
INS	MSTM-MEDAN	11720.000	07	08	0614	0635	44.8		VTN	BC	9K00E	A3E									11	
INS	MSTM-MEDAN	11720.000	09	08	0604	0606			CHN	BC	6K00E	A3E										
INS	MSTM-MEDAN	11720.000	14	08	0648	0649			VTN	BC	6K00E	A3E										
INS	MSKH-KUPANG	11720.000	03	09	0704	0706	18.5		VTN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11720.000	03	09	1238	1239	61.2		VTN	BC	9K00E	A3E	105	E	25	21	N	08				
INS	MSKH-KUPANG	11720.000	05	09	0731	0740	47.4		VTN	BC	10K0	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11720.000	17	09	0936	0938	70.8		CHN	BC	9K00E	A3E	105	E	25	21	N	08				
INS	MSCK-TANGERANG	11720.000	18	09	0917	0918	66.1		VTN	BC	9K00E	A3E										
G	BALDOCK	11725.000	20	09				CRI	CHN	BC	9K00E	A3E							54	B		CHINA RADIO
HNG	TARNOK	11725.002	18	09	1859	1958	47.2	RNZ	NZL	BC	7K44	A3E										
HNG	TARNOK	11725.005	18	09	1600	1800	58.3	CRI	CHN	BC	9K74	A3E										
HNG	TARNOK	11729.950	18	09	0000	0100	20.2	AWR	UZB	BC	9K56	A3E									3	
ROU	BELCIUGATELE	11730.000	08	07	1131	1159	37.5	Radio Taiwan International	CHN	BC	4K10	A3E							69	B		Tamsui District Chinese language
G	BALDOCK	11730.000	14	07				ADVENTIST RADIO	UZB	BC	9K00E	A3E							74	B		TASHKENT TX
ROU	BELCIUGATELE	11730.000	05	08	1110	1143	36.9	Radio Taiwan International	CHN	BC	9K00	A3E							84	A		Tamsui District Chinese language
ROU	BELCIUGATELE	11730.000	30	09	1140	1210	52.0	R. Taiwan Int.	CHN	BC	9K00	A3E							65	A		Chinese language
HNG	TARNOK	11730.002	18	09	1100	1200	18.5	RADIO TAIWAN INT.	CHN	BC	9K95	A3E										
KOR	CRMS	11735.000	30	08	0717	0717	48.1		KRE	BC	10K9	A3E									6	
RUS	IRKUTSK	11735.000	30	08	1000	1030	44.0		KRE	BC	11K3	A3E	125	E	39	39	N	41	124	A		
KOR	CRMS	11735.000	20	09	0757	0757	28.0	KCB	KRE	BC	14K9	A3E									3	
J	TOKYO	11738.000	20	08	0454							F1B							325	D		
ROU	BELCIUGATELE	11740.000	31	07	1250	1315	27.5	China Business Radio CNR 2	CHN	BC	3K00	A3E							68	A		Lingshi Chinese language
ROU	BELCIUGATELE	11740.000	05	08	1144	1239	38.3	CNR 2 China Business Radio	CHN	BC	2K70	A3E							67	A		Lingshi Chinese language
RUS	MOROZOVSK	11740.000	30	08	1800	2000	19.0		CHN	BC	6K00	A3E	116	E	27	31	N	09	78	B		
KOR	CRMS	11740.000	12	09	0414	0414	34.3		CHN	BC	11K2	A3E									6	
HNG	TARNOK	11740.000	18	09	1100	1604	13.6	CNR2	CHN	BC	11K7	A3E										
G	BALDOCK	11740.000	22	09				CNR 2 CHINA BUSINESS	CHN	BC	9K00E	A3E							54	B		LINGSHI TX
ROU	BELCIUGATELE	11740.000	26	09	1230	1300	51.3	CNR 2- China Business Radio	CHN	BC	9K00	A3E							66	A		Chinese language
HNG	TARNOK	11740.003	18	09	0000	0100	18.3	CNR2	CHN	BC	14K2	A3E										
INS	MSTM-MEDAN	11750.000	04	07	0335	0340	30.0	CNR 2 - CHINA BUSINESS RADIO	CHN	BC	6K00	A3E										
I	ROMA	11750.000	11	07	1920		46.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	11750.000	24	07	1030	1033	16.0		CHN	BC	12K0	A3E										CNR 2-CHINA BUSINESS RADIO
INS	MSCK-TANGERANG	11750.000	29	07	1237	1237			INS	BC	9K00E	A3E										
INS	MSKH-KUPANG	11750.000	01	08	0435	0437	19.3		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11750.000	05	08	0135	0137	50.2		CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSKH-KUPANG	11750.000	06	08	0330	0336	25.3		CHN	BC	9K00E	A3E							20	C		
INS	MSTM-MEDAN	11750.000	07	08	0636	0643	36.8		CHN	BC	9K00E	A3E									11	
INS	MSTM-MEDAN	11750.000	09	08	0557	0558			CHN	BC	6K00E	A3E										
RUS	IRKUTSK	11750.000	30	08	0300	0330	42.0		CHN	BC	7K63	A3E	112	E	24	40	N	45	155	A		
RUS	NOVOSIBIRSK	11750.000	30	08	0300	0330	8.0		CHN	BC	2K02	A3E	111	E	24	40	N	45	114	A		
RUS	BELGOROD	11750.000	30	08	0945	0950	36.1	Voice of Turkey	TUR	BC	9K90	A3E	032	E	51	39	N	24	195	B		
INS	MSCK-TANGERANG	11750.000	03	09	1241	1242	66.2		CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSKH-KUPANG	11750.000	05	09	0830	0840	42.9		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	11750.000	17	09	0000	2400	72.6		CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSCK-TANGERANG	11750.000	18	09	0915	0916	74.5		CHN	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	11750.002	18	09	1858	1957	63.4	CRI	CHN	BC	10K1	A3E										
HNG	TARNOK	11750.007	18	09	0900	0955	44.0	TRT	TUR	BC	8K41	A3E										
G	BALDOCK	11751.000	20	09					RUS	FL	3K30E	J7D							65	B		
INS	MSCK-TANGERANG	11760.000	29	07	1240	1240			INS	BC	9K00E	A3E	114	E	28	37	N	49				
ROU	BELCIUGATELE	11760.000	05	08	1230	1300	36.1	China Radio International	CHN	BC	2K60	A3E							84	A		Kunming-anning English language
RUS	S. PETERSBURG	11765.000	30	08	1400	1410	47.0		CHN	BC		A3E							83	B		
G	BALDOCK	11765.000	20	09				VOCIE OF TURKEY	TUR	BC	9K00E	A3E							108	B		EMIRLER TX
I	ROMA	11770.000	11	07	2000		56.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
G	BALDOCK	11770.000	14	07				PBS XINJIANG	CHN	BC	9K00E	A3E							66	B		URUMQI TX
INS	MSPA-SAMARINDA	11770.000	22	07	0831	0832	31.1		CHN	BC	3K00E	A3E							0			HSW64 Bangkok Meteo Fax
INS	MSTM-MEDAN	11770.000	26	07	0857	0859	24.5		CHN	BC	3K00	A3E										PBS XINJIANG (CNR1)
INS	MSCK-TANGERANG	11770.000	29	07	1243	1243			CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSPA-SAMARINDA	11770.000	01	08	0851	0852	45.7		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	11770.000	05	08	0138	0139	50.8		CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSPA-SAMARINDA	11770.000	05	08	0847	0848	33.7		CHN	BC	3K00E	A3E							0			
J	TOKYO	11770.000	29	08	2200			CHINA R.I.	CHN	BC		A3E										
RUS	ARKHANGELSK	11770.000	30	08	1030	1040	11.0	PBS Xinjiang	CHN	BC	1K84	A3E							180	B		
INS	MSCK-TANGERANG	11770.000	03	09	1244	1245	59.8		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSPA-SAMARINDA	11770.000	05	09	0835	0836	31.1		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	11770.000	11	09	0803	0804	45.8		CHN	BC	3K00E	A3E							0			
KOR	CRMS	11775.000	05	07	0639	0639	2.8		CHN	BC	14K9	A3E									6	
I	ROMA	11775.000	11	07	1920		46.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
KOR	CRMS	11775.000	09	08	0731	0731	19.3		CHN	BC	14K9	A3E									6	
KOR	CRMS	11775.000	03	09	0609	0609	9.1		CHN	BC	12K4	A3E									6	
INS	MSCK-TANGERANG	11775.000	18	09	0914	0915	52.0		CHN	BC	9K00E	A3E										
G	BALDOCK	11780.000	14	07				RN DA AMAZONIA	B	BC	9K00E	A3E							225	B		BRASILIA DF TX
ROU	BELCIUGATELE	11780.000	25	07	1335	1405	46.2	China Radio International	CHN	BC	9K00	A3E							66	A		Burmese language
J	TOKYO	11780.000	29	08	0000			CHINA R.I.	CHN	BC		A3E										
RUS	SAMARA	11780.000	30	08	0530	0540	17.0		ROU	BC	10K0	A3E	026	E	50	46	N	44	333			
ROU	BELCIUGATELE	11785.000	05	08	1220	1300	37.7	CNR 2 China Business Radio	CHN	BC	3K60	A3E							71	A		Xianyang Chinese Language
RUS	SAMARA	11785.000	30	08	0544	0554	18.0		CHN	BC	10K0	A3E	100	E	36	34	N	22	87			
RUS	S. PETERSBURG	11785.000	30	08	0730	0740	15.0		CHN	BC	11K8	A3E	108	E	54	34	N	12	80	B		
RUS	ARKHANGELSK	11785.000	30	08	1040	1050	21.0	CNR2-China Business Radio	CHN	BC	568H	A3E							88	B		
ROU	BELCIUGATELE	11785.000	30	09	1150	1220	44.1	CNR 2-China Business Radio	CHN	BC	9K00	A3E							70	A		Chinese language
INS	MSWR-MERAUKE	11790.000	16	07	1135	1144	30.0		CHN	BC	9K00	A3E										
J	TOKYO	11790.000	18	09	0838				KRE				125	E	05	39	N	25	294	A		
G	BALDOCK	11790.000	22	09				CRI	CHN	BC	9K00E	A3E							61	B		URUMQI HUTUBI TX
INS	MSKH-KUPANG	11795.000	13	08	1152	1154	22.1			BC	10K0	A3E										
I	ROMA	11800.000	11	07	1920		57.0	ADVENTIST WORLD R.	D	BC	9K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11800.000	29	07	1246	1246			CHN	BC	9K00E	A3E	116	E	34	39	N	53				
RUS	IRKUTSK	11800.000	30	08	0830	0900	34.0		CHN	BC	10K2	A3E	116	E	28	39	N	22	144	A		
RUS	ARKHANGELSK	11800.000	30	08	1050	1100	10.0	CNR2-China Business Radio	CHN	BC	2K86	A3E							70	B		
RUS	S. PETERSBURG	11800.000	30	08	1845	1854	39.0		J	BC	14K3	A3E							58	B		
RUS	S. PETERSBURG	11800.000	30	08	1900	1910	43.0		D	BC	12K3	A3E							235	B		
INS	MSKH-KUPANG	11800.000	03	09	0705	0707	35.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11800.000	18	09	0912	0913	62.6		CHN	BC	9K00E	A3E										
HNG	TARNOK	11800.000	20	09	1400	1459	31.9			BC	9K76	A3E										
HNG	TARNOK	11800.002	20	09	1700	1900	30.5	NHK	J	BC	10K6	A3E										
HNG	TARNOK	11800.002	20	09	1900	2030	51.2	AWR	D	BC	10K4	A3E										
G	BALDOCK	11805.000	22	09				RADIO FREE RADIO	CHN	BC	9K00E	A3E							54	B		PAOCHUNG TX
HNG	TARNOK	11805.001	20	09	1500	1600	50.4	RFA	CHN	BC	9K59	A3E										
ROU	BELCIUGATELE	11810.000	08	07	1238	1314	43.9	All India Radio	IND	BC	10K0	A3E							109	A		Bengaluru Pashto language
ROU	BELCIUGATELE	11810.000	05	08	1302	1335	48.2	All India Radio	IND	BC	9K00	A3E							109	A		Bengaluru Pashto language
KOR	CRMS	11810.000	09	08	0732	0732	19.1		CHN	BC	13K6	A3E									6	
ROU	BELCIUGATELE	11810.000	27	08	1235	1317	50.2	All India Radio	IND	BC	9K00	A3E							109	A		Bengaluru Pashto language
RUS	IRKUTSK	11810.000	30	08	0200	0230	29.0		CHN	BC	10K9	A3E	115	E	13	40	N	33	145	A		
RUS	NOVOSIBIRSK	11810.000	30	08	0200	0230	27.0		CHN	BC	11K9	A3E	115	E	13	40	N	33	111	A		
RUS	S. PETERSBURG	11810.000	30	08	1340	1345	51.0		IND	BC	11K6	A3E							122	B		
KOR	CRMS	11810.000	11	09	0204	0204	26.1		J	BC	14K8	A3E									6	
HNG	TARNOK	11810.003	20	09	2055	2400	28.4	CNR 8	CHN	BC	10K9	A3E										
HNG	TARNOK	11810.005	20	09	1221	1400	32.6	AIR	IND	BC	10K2	A3E										
INS	MSKH-KUPANG	11815.000	01	08	0439	0441	22.0		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	11815.000	06	08	0544	0547			J	BC	6K00E	A3E										
INS	MSTM-MEDAN	11815.000	07	08	0658	0721	32.8		B	BC	9K00E	A3E									11	
INS	MSKH-KUPANG	11815.000	03	09	0708	0710	32.0		CHN	BC	9K00E	A3E										
HNG	TARNOK	11815.001	20	09	1400	1459	49.7	CRI	CHN	BC	10K3	A3E										
HNG	TARNOK	11815.001	20	09	1600	1700	60.8	VAT	CVA	BC	9K58	A3E										
INS	MSCK-TANGERANG	11820.000	29	07	1249	1249			CHN	BC	9K00E	A3E	108	E	36	34	N	22				
HNG	TARNOK	11824.994	20	09	1830	1900	42.3	VOA	UAE	BC	9K92	A3E										
I	ROMA	11825.000	11	07	1920		43.0	VOICE OF AMERICA	BOT	BC	9K00E	A3E										
KOR	CRMS	11825.000	25	07	0418	0418	53.2		J	BC	13K7	A3E									6	
ROU	BELCIUGATELE	11825.000	06	08	1212	1300	40.7	Voice of America	CHN	BC	7K90	A3E							69	A		Udon Thani Chinese language
INS	MSKH-KUPANG	11825.000	03	09	0711	0713	28.1		J	BC	9K00E	A3E										
KOR	CRMS	11825.000	20	09	0759	0759	59.6		J	BC	11K3	A3E									6	
HNG	TARNOK	11825.000	20	09	1930	2000	49.2	VOA	BOT	BC	10K2	A3E										
ROU	BELCIUGATELE	11825.000	30	09	1200	1230	57.1	Voice of America	THA	BC	9K00	A3E							69	A		Chinese language
HNG	TARNOK	11825.001	20	09	1200	1259	23.2	VOA	THA	BC	10K6	A3E										
HNG	TARNOK	11825.001	20	09	1700	1757	56.0	CRI	CHN	BC	10K3	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	11825.001	20	09	2100	2157	58.6	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	11829.500	20	09	2034	2049	20.5				12K0E	F0N									13	OTHR
G	BALDOCK	11830.000	14	07				CHINA RADIO INT	CHN	BC	9K00E	A3E							72	B		KASHI-SAIBAGH TX
INS	MSCK-TANGERANG	11830.000	29	07	1252	1253			CHN	BC	9K00E	A3E	075	E	42	39	N	21				
G	BALDOCK	11830.000	22	09				RADIO ROUMANIA INT	ROU	BC	9K00E	A3E							98	B		GALBENI-BACAU TX
INS	MSWR-MERAUKE	11850.000	11	07	0708	0725	35.5		CHN	BC	9K00	A3E										
INS	MSTM-MEDAN	11850.000	11	07	0800	0809	64.0		CHN	BC	5K00E	A3E							10			
INS	MSTM-MEDAN	11850.000	24	07	1034	1036	18.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSCK-TANGERANG	11850.000	29	07	1255	1256			CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSKH-KUPANG	11850.000	01	08	0443	0447	23.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11850.000	05	08	0140	0142			CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSKH-KUPANG	11850.000	06	08	0336	0345	27.1		CHN	BC	9K00E	A3E							20	B		
INS	MSTM-MEDAN	11850.000	07	08	0721	0725	44.5		CHN	BC	10K0E	A3E									11	
INS	MSCK-TANGERANG	11850.000	09	08	0716	0716	43.4		CHN	BC	9K00E	A3E	108	E	14	22	N	47				
RUS	S. PETERSBURG	11850.000	02	09	1445	1453	53.0		UZB	BC	10K5	A3E	069	E	17	41	N	19	110	B		
INS	MSCK-TANGERANG	11850.000	03	09	1247	1248	60.4		CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSCK-TANGERANG	11850.000	18	09	0910	0911	71.6		CHN	BC	9K00E	A3E										
HNG	TARNOK	11850.001	20	09	1430	1503	32.6	AWR	UZB	BC	9K36	A3E										
HNG	TARNOK	11850.004	20	09	1730	1759	49.4	AWR	MDG	BC	10K3	A3E										
RUS	ARKHANGELSK	11855.000	02	09	1120	1130	31.0	KSDA-Adventist World R.Guam	USA	BC	2K80	A3E							65	B		
I	ROMA	11860.000	11	07	1920		26.0	R.MARTI	USA	BC	9K00E	A3E										
INS	MSTM-MEDAN	11860.000	07	08	0725	0741	28.9		CHN	BC	9K00E	A3E									11	
INS	MSCK-TANGERANG	11860.000	02	09	0900	0903	55.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	11865.000	29	07	1258	1258			CHN	BC	9K00E	A3E	108	E	36	34	N	22				
J	TOKYO	11865.000	29	08	2100			V.O.KOREA	KRE	BC		A3E										
INS	MSCK-TANGERANG	11865.000	03	09	1249	1251	61.4		CHN	BC	9K00E	A3E	108	E	36	34	N	22				
I	ROMA	11870.000	11	07	2000		50.0	VATICAN RADIO	CVA	BC	9K00E	A3E										
RUS	SLAVYANKA	11870.000	02	09	0504	0530	62.0		J	BC	7K36	A3E	140	E	22	36	N	26	130	A		
KOR	CRMS	11875.000	09	07	0653	0653	-8.3		CHN	BC	14K9	A3E									6	
INS	MSTM-MEDAN	11875.000	11	07	0748	0800	72.9		CHN	BC	5K00E	A3E							10			
INS	MSTM-MEDAN	11875.000	07	08	0738	0743	51.9		CHN	BC	10K0E	A3E									11	
INS	MSTM-MEDAN	11875.000	12	08	0225	0255			CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	11875.000	21	08	0805	0806	43.7		CHN	BC	3K00E	A3E							0			
RUS	SLAVYANKA	11875.000	02	09	0000	0015	47.0		CHN	BC	6K91	A3E	117	E	03	39	N	05	257	A		
RUS	ARKHANGELSK	11875.000	02	09	1050	1100	24.0	China Radio Int.	CHN	BC	2K99	A3E							110	B		
RUS	S. PETERSBURG	11875.000	02	09	1200	1215	20.0		AUS	BC	9K87	A3E							87	B		
I	ROMA	11880.000	11	07	1920		44.0	ADVENTIST WORLD RADI	MDG	BC	9K00E	A3E										
I	ROMA	11885.000	11	07	1920		39.0	VOICE OF VIETNAM	VTN	BC	9K00E	A3E										
KOR	CRMS	11885.000	24	07	0157	0157	13.3		CHN	BC	14K9	A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	11885.000	13	08	1154	1157	24.3		CHN	BC	10K0	A3E										
ROU	BELCIUGATELE	11885.000	28	08	1040	1059	32.8	Radio Taiwan International	CHN	BC	2K70	A3E							71	A		Chinese language
RUS	IRKUTSK	11885.000	02	09	0430	0500	19.0		CHN	BC	2K40	A3E	087	E	04	43	N	48	240	A		
RUS	SMOLENSK	11885.000	02	09	0700	0800	31.0		CHN	BC	2K99	A3E	087	E	25	43	N	47	111	B		
INS	MSCK-TANGERANG	11885.000	02	09	0904	0906	49.5		INS	BC	9K00E	A3E										
RUS	ARKHANGELSK	11885.000	02	09	1000	1010	31.0	CNR1 Jamming	CHN	BC	2K80	A3E							65	B		
RUS	BELGOROD	11885.000	02	09	1200	1206	40.2		CHN	BC	9K40	A3E	086	E	54	44	N	10	81	B		
RUS	S. PETERSBURG	11885.000	02	09	1230	1240	35.0		CHN	BC	16K5	A3E	087	E	35	43	N	48	89	B		
RUS	BELGOROD	11885.000	02	09	1400	1405	59.7		CHN	BC	9K60	A3E	086	E	54	44	N	10	81	B		
RUS	MOROZOVSK	11885.000	02	09	1800	1810	37.0		VTN	BC	9K00	A3E	104	E	59	21	N	45	95	B		
G	BALDOCK	11885.000	22	09				PBS XINJIANG	CHN	BC	9K00E	A3E							63	B		URUMQI TX
RUS	BELGOROD	11890.000	02	09	1405	1411	54.3		D	BC	9K50	A3E	010	E	25	50	N	43	281	B		
KOR	CRMS	11895.000	01	07	0412	0412	1.0		USA	BC	14K9	A3E									6	
KOR	CRMS	11895.000	11	07	0418	0418	15.1		CHN	BC	14K9	A3E									6	
I	ROMA	11895.000	11	07	1920		53.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	11895.000	15	08	0400	0402			CHN	BC	6K00E	A3E										
RUS	SMOLENSK	11895.000	02	09	0600	0700	30.0		CHN	BC	2K99	A3E	076	E	03	39	N	23	99	B		
RUS	ARKHANGELSK	11895.000	02	09	1010	1020	28.0	China Radio Int.	CHN	BC	2K97	A3E							92	B		
INS	MSCK-TANGERANG	11895.000	18	09	0909	0909	74.7		CHN	BC	9K00E	A3E										
RUS	BELGOROD	11899.960	02	09	1240	1243	48.4		AUS	BC	10K0	A3E							100	C		
HNG	TARNOK	11899.970	22	09	1300	1400	34.6	HCJB	AUS	BC	9K31	A3E									3	
ROU	BELCIUGATELE	11900.000	05	08	1340	1359	36.5	Reach Beyond Australia	AUS	BC	9K00	A3E							94	A		Kununurra
J	TOKYO	11900.000	29	08	2300			CHINA R.I.	CHN	BC		A3E										
RUS	SLAVYANKA	11900.000	02	09	0015	0030	41.0		CHN	BC	6K89	A3E	112	E	55	37	N	49	257	A		
RUS	S. PETERSBURG	11900.000	02	09	1247	1253	31.0		AUS	BC		A3E							99	B		
RUS	ARKHANGELSK	11900.000	02	09	1250	1300	30.0	Reach Beyond Australia	AUS	BC	2K38	A3E							104	B		
ROU	BELCIUGATELE	11900.000	26	09	1240	1310	58.3	Reach Beyond Australia (HCJB)	AUS	BC	9K00	A3E							96	A		Tamil language
HNG	TARNOK	11900.001	22	09	1600	1657	38.5	CRI	CHN	BC	11K1	A3E										
RUS	IRKUTSK	11905.000	02	09	0430	0500	16.0		CHN	BC	10K2	A3E	116	E	35	39	N	52	143	A		
RUS	SMOLENSK	11905.000	02	09	0600	0700	13.0		CHN	BC	2K96	A3E	115	E	33	39	N	31	69	B		
INS	MSCK-TANGERANG	11905.000	18	09	0907	0908	70.2		CHN	BC	9K00E	A3E										
RUS	S. PETERSBURG	11910.000	02	09	1240	1247	33.0		CHN	BC		A3E	116	E	23	39	N	54	70	B		
RUS	ARKHANGELSK	11910.000	02	09	1300	1310	35.0	China Radio Int.	CHN	BC	2K41	A3E							70	B		
HNG	TARNOK	11910.000	22	09	1200	1457	22.9	CRI	CHN	BC	11K6	A3E										
HNG	TARNOK	11910.001	22	09	1800	2050	26.9	KCBS	KRE	BC	11K4	A3E										
HNG	TARNOK	11910.003	22	09	2055	2400	39.3	NHK	J	BC	10K5	A3E										
INS	MSTM-MEDAN	11915.000	06	08	0549	0551			CHN	BC	6K00E	A3E										
RUS	IRKUTSK	11915.000	02	09	0430	0500	14.0		CHN	BC	9K10	A3E	107	E	04	34	N	23	174	A		
RUS	SMOLENSK	11915.000	02	09	0600	0700	28.0		CHN	BC	2K96	A3E	106	E	42	34	N	51	79	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	11915.000	02	09	0911	0913	48.9		CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	11915.000	02	09	1130	1140	5.0	CNR2-China Business Radio	CHN	BC	2K99	A3E							80	B		
RUS	BELGOROD	11915.000	02	09	1214	1219	40.1		CHN	BC	7K90	A3E	107	E	10	30	N	45	83	B		
G	BALDOCK	11925.000	14	07				ADVENTIST RADIO	CLN	BC	9K00E	A3E							91	B		TRINCOMALEE TX
ROU	BELCIUGATELE	11925.000	06	08	1220	1300	42.0	CNR 1 Voice of China	CHN	BC	5K20	A3E							67	A		Lingshi Chinese language
KOR	CRMS	11925.000	07	08	0006	0006	10.6		CHN	BC	14K7	A3E									6	
RUS	BELGOROD	11925.000	02	09	1219	1225	37.6		CHN	BC	10K0	A3E	112	E	10	36	N	18	74	B		
RUS	S. PETERSBURG	11925.000	02	09	1253	1258	37.0		CHN	BC		A3E							76	B		
RUS	ARKHANGELSK	11925.000	02	09	1310	1320	44.0	CNR1 Voice of China	CHN	BC	755H	A3E							82	B		
G	BALDOCK	11925.000	22	09				CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E							51	B		LINGSHI TX
HNG	TARNOK	11925.002	22	09	1200	1804	31.5	CNR1	CHN	BC	11K3	A3E										
HNG	TARNOK	11925.003	22	09	2025	2330	36.7	CNR1	CHN	BC	11K3	A3E										
HNG	TARNOK	11930.003	22	09	2100	2400	27.6	RMT	USA	BC	10K9	A3E										
INS	MSTM-MEDAN	11935.000	11	07	0809	0815	44.6		CHN	BC	5K00E	A3E							10			
ROU	BELCIUGATELE	11935.000	22	07	1230	1300	39.7	China Radio International	CHN	BC	9K00	A3E							67	A		Russian language
RUS	SLAVYANKA	11935.000	02	09	0030	0040	23.0		CHN	BC	6K49	A3E	113	E	58	38	N	33	258	A		
RUS	IRKUTSK	11935.000	02	09	0600	0630	21.0		CHN	BC	8K90	A3E	114	E	27	37	N	38	152	A		
INS	MSCK-TANGERANG	11935.000	02	09	0915	0917	50.3		YEM	BC	9K00E	A3E										
RUS	ARKHANGELSK	11935.000	02	09	1020	1030	17.0	China Radio Int.	CHN	BC	2K46	A3E							90	B		
HNG	TARNOK	11940.001	22	09	1600	1657	68.4	CRI	CHN	BC	11K2	A3E										
HNG	TARNOK	11940.004	22	09	1400	1430	35.4	RADIO NUG	CHN	BC	11K4	A3E										
INS	MSPA-SAMARINDA	11945.000	22	07	0830	0831	27.3		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSTM-MEDAN	11945.000	26	07	0854	0856	25.3		CHN	BC	3K00	A3E										CHINA RADIO INTERNATIONAL
INS	MSCK-TANGERANG	11945.000	29	07	0101	0101			CHN	BC	9K00E	A3E	102	E	29	24	N	52				
INS	MSPA-SAMARINDA	11945.000	29	07	0800	0801	27.3		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	11945.000	01	08	0848	0849	45.3		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	11945.000	05	08	0146	0148	54.7		CHN	BC	9K00E	A3E	102	E	29	24	N	52				
INS	MSPA-SAMARINDA	11945.000	05	08	0843	0844	35.9		CHN	BC	3K00E	A3E							0			
INS	MSKH-KUPANG	11945.000	13	08	1157	1215	21.5		CHN	BC	10K0	A3E										
INS	MSPA-SAMARINDA	11945.000	20	08	0851	0852	30.5		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	11945.000	05	09	0834	0835	32.4		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	11945.000	06	09	0845	0846	27.3		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	11945.000	11	09	0801	0802	47.8		CHN	BC	3K00E	A3E							0			
HNG	TARNOK	11945.003	22	09	2100	2200	31.8	RFA	TJK	BC	10K9	A3E										
HNG	TARNOK	11945.011	22	09	1420	1520	37.8	IRB	IRN	BC	11K3	A3E									3	
INS	MSWR-MERAUKE	11950.000	16	07	1110	1125	29.3		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	11950.000	02	09	0921	0923	51.3		CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	11950.000	02	09	1320	1330	20.0	Radio Romania Int.	ROU	BC	2K94	A3E							6	B		
RUS	S. PETERSBURG	11950.000	02	09	1430	1445	58.0	Radio Romania Int.	ROU	BC	15K2	A3E							192	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	11950.003	22	09	1300	1500	63.5	RRO	ROU	BC	9K48	A3E										
G	BALDOCK	11952.000	20	09					RUS	FC	290HE	F1B							95	B		SEVASTOPOL
I	ROMA	11955.000	11	07	1920		53.0	ADVENTIST WORLD RADI	D	BC	9K00E	A3E										
J	TOKYO	11955.000	10	09	1055				KRE				126	E	11	39	N	41	294	B		
J	TOKYO	11955.000	18	09	0840														296	C		
J	TOKYO	11955.000	25	09	0704														296	D		
RUS	BELGOROD	11960.000	02	09	0530	0535	49.9	Radio Romania Int.	ROU	BC	9K80	A3E	026	E	51	46	N	45	243	B		
I	ROMA	11965.000	11	07	2000		40.0	WORLD CHRISTIAN BROA	MDG	BC	9K00E	A3E										
ROU	BELCIUGATELE	11965.000	18	07	1310	1340	65.1	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Russian language
ROU	BELCIUGATELE	11965.000	07	08	1325	1355	75.3	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Russian language
RUS	ARKHANGELSK	11965.000	02	09	1330	1340	44.0	Voice of Turkey	TUR	BC	2K94	A3E							202	B		
INS	MSCK-TANGERANG	11970.000	02	09	0925	0927	550.1		CHN	BC	9K00E	A3E										
KOR	CRMS	11975.000	01	07	0413	0413	10.9		CHN	BC	10K6	A3E									6	
I	ROMA	11975.000	11	07	1920		48.0	R. ROMANIA INT.	ROU	BC	9K00E	A3E										
KOR	CRMS	11975.000	22	08	0419	0419	41.2		CHN	BC	12K9	A3E									6	
ROU	BELCIUGATELE	11975.000	28	08	1103	1131	37.2	PBS Xinjiang	TJK	BC	9K00	A3E							72	B		Urumqi Kyrgyz language
RUS	SLAVYANKA	11975.000	02	09	0045	0055	27.0		CHN	BC	6K98	A3E	109	E	51	35	N	16	253	A		
INS	MSCK-TANGERANG	11975.000	02	09	0929	0933	50.4		CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	11975.000	02	09	1100	1110	14.0	SOH Xi Wang Zhi Sheng	CHN	BC	2K80	A3E							75	B		
RUS	MOROZOVSK	11975.000	02	09	1810	1820	33.0		ROU	BC	9K00	A3E	025	E	52	45	N	35	262	B		
KOR	CRMS	11975.000	03	09	0611	0611	-0.8		CHN	BC	14K6	A3E									6	
ROU	BELCIUGATELE	11975.000	24	09	1145	1215	42.4	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							71	A		Chinese language
KOR	CRMS	11975.000	25	09	0143	0143	40.4		CHN	BC	11K9	A3E									6	
INS	MSCK-TANGERANG	11980.000	29	07	0108	0109			CHN	BC	9K00E	A3E	102	E	29	24	N	52				
INS	MSTM-MEDAN	11980.000	09	08	0414	0416			CHN	BC	6K00E	A3E										
RUS	ARKHANGELSK	11980.000	02	09	0950	1000	26.0	China Radio Int.	CHN	BC	253H	A3E							91	B		
INS	MSKH-KUPANG	11980.000	12	09	0120	0125	52.1		CHN	BC	10K0	A3E										
RUS	ARKHANGELSK	11985.000	02	09	1140	1150	24.0	China Radio Int.	CHN	BC	933H	A3E							92	B		
RUS	S. PETERSBURG	11985.000	02	09	1405	1411	47.0		D	BC		A3E							241	B		
G	BALDOCK	11985.000	22	09				RADIO FREE ASIA	TJK	BC	9K00E	A3E							77	B		DUSHANBE-ORZU TX
KOR	CRMS	11990.000	24	07	0201	0201	47.5		CHN	BC	14K5	A3E									6	
KOR	CRMS	11990.000	08	08	0413	0413	-6.2		CHN	BC	14K9	A3E									6	
KOR	CRMS	11990.000	29	08	0439	0439	15.3		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	11990.000	02	09	0936	0939	49.8		CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	11990.000	02	09	1150	1200	18.0	SOH Xi Wang Zhi Sheng	CHN	BC	2K39	A3E							92	B		
KOR	CRMS	11990.000	05	09	0421	0421	-7.8		CHN	BC	14K8	A3E									6	
KOR	CRMS	11990.000	06	09	0718	0718	-5.4		CHN	BC	14K8	A3E									6	
I	ROMA	11995.000	11	07	1920		42.0	R.FRANCE INT.	F	BC	9K00E	A3E										
RUS	BELGOROD	11995.000	02	09	0600	0607	35.6	Radio France Int.	F	BC	9K80	A3E	001	E	53	46	N	57	274	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	11995.000	22	09				BBC WORLD SERVICE	OMA	BC	9K00E	A3E							97	B		AL SEELA TX
INS	MSKH-KUPANG	12000.000	12	09	0130	0135	52.1		KWT	BC	10K0	A3E										
INS	MSTM-MEDAN	12005.000	09	08	0528	0530			CHN	BC	6K00E	A3E										
RUS	ARKHANGELSK	12005.000	02	09	1040	1050	14.0	China Radio Int.	CHN	BC	2K98	A3E							90	B		
INS	MSCK-TANGERANG	12005.000	18	09	0905	0905	64.2		CHN	BC	9K00E	A3E										
INS	MSWR-MERAUKE	12010.000	16	07	1100	1110	36.1		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	12010.000	29	07	0111	0113			CHN	BC	9K00E	A3E	108	E	11	22	N	47				
INS	MSKH-KUPANG	12010.000	04	09	0244	0250	10.3		PHL	BC	9K00E	A3E										
HNG	TARNOK	12010.006	24	09	1400	1457	28.1	CRI	CHN	BC	8K95	A3E										
I	ROMA	12015.000	11	07	1920		37.0	VOICE OF KOREA	KRE	BC	9K00E	A3E										
RUS	S. PETERSBURG	12015.000	02	09	1500	1510	55.0	Voice of Korea	KRE	BC	8K20	A3E							64	B		
RUS	MOROZOVSK	12015.000	02	09	1820	1830	27.0		KRE	BC	9K00	A3E	126	E	11	39	N	18	65	B		
G	BALDOCK	12015.000	22	09				VOICE OF KOREA	KOR	BC	9K00E	A3E							40	B		KIYANG TX
HNG	TARNOK	12015.005	24	09	1400	2050	31.2	VOK	KRE	BC	10K6	A3E										
J	TOKYO	12020.000	29	08	1130			V.O.VIETNAM	VTN	BC		A3E										
RUS	S. PETERSBURG	12025.000	02	09	1415	1423	62.0		CHN	BC	11K4	A3E	087	E	35	43	N	48	89	B		
HNG	TARNOK	12025.001	24	09	1300	1500	45.6	CRI	CHN	BC	10K6	A3E										
J	TOKYO	12025.010	05	09	1300			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	12034.000	22	08	1345	1415	56.1	Voa Deewa Radio	THA	BC	9K00	A3E							88	A		Pashto language
ROU	BELCIUGATELE	12035.000	25	07	1330	1400	51.2	Voa Deewa Radio	THA	BC	9K00	A3E							89	A		Pashto language
RUS	BELGOROD	12035.000	02	09	1350	1355	53.4		THA	BC	11K6	A3E	103	E	12	17	N	41	97	B		
RUS	S. PETERSBURG	12035.000	02	09	1400	1406	38.0		THA	BC	10K8	A3E							96	B		
RUS	MOROZOVSK	12035.000	02	09	1830	1840	34.0		D	BC	9K00	A3E	008	E	29	49	N	34	286	B		
G	BALDOCK	12035.000	22	09				VOA DEEWA RADIO	THA	BC	9K00E	A3E							71	B		UDON-THANI TX
ROU	BELCIUGATELE	12035.000	24	09	1320	1350	59.1	VOA Deewa Radio	THA	BC	9K00	A3E							88	A		Pashto language
HNG	TARNOK	12035.002	24	09	1300	1659	41.1	VOA	THA	BC	8K95	A3E										
HNG	TARNOK	12035.002	24	09	1700	1900	51.4	VOA	D	BC	10K3	A3E										
HNG	TARNOK	12040.002	24	09	2100	2200	39.9	AWR	D	BC	8K47	A3E										
RUS	SLAVYANKA	12045.000	02	09	0109	0130	23.0		CHN	BC	7K25	A3E	111	E	10	37	N	46	259	A		
RUS	IRKUTSK	12045.000	02	09	0630	0700	22.0		CHN	BC	11K2	A3E	116	E	35	39	N	52	143	A		
INS	MSCK-TANGERANG	12045.000	02	09	1030	1034	50.4		CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	12045.000	02	09	1110	1120	20.0	CNR1 Voice of China	CHN	BC	1K65	A3E							71	B		
I	ROMA	12050.000	11	07	1920		54.0	RADIO NDARASON INTER		BC	9K00E	A3E										
ROU	BELCIUGATELE	12055.000	29	07	1150	1220	42.3	CNR 17	CHN	BC	9K00	A3E							67	A		Kazakh language
ROU	BELCIUGATELE	12055.000	28	08	1125	1158	47.1	CNR 17	CHN	BC	9K00	A3E							68	A		Lingshi Kazakh language
RUS	IRKUTSK	12055.000	03	09	0400	0430	32.0		CHN	BC	15K0	A3E	111	E	31	35	N	37	162	A		
RUS	ARKHANGELSK	12055.000	03	09	0910	0920	5.0	CNR 17	CHN	BC	2K98	A3E							174	B		
INS	MSCK-TANGERANG	12055.000	03	09	1000	1003	49.7		CHN	BC	9K00E	A3E										
RUS	BELGOROD	12055.000	03	09	1035	1038	33.9		CHN	BC	15K3	A3E	111	E	45	35	N	35	75	B		

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RUS	S. PETERSBURG	12055.000	03	09	1620	1630	55.0		THA	BC	10K2	A3E							93	B		
ROU	BELCIUGATELE	12055.000	24	09	1150	1220	50.9	CNR 17	CHN	BC	9K00	A3E							66	A		Kazakh language
G	BALDOCK	12064.970	13	07					CHN	FX	6K70E	A7D							54	B		
INS	MSTM-MEDAN	12065.000	09	08	0410	0412	64.2		CHN	BC	6K00E	A3E										
INS	MSCK-TANGERANG	12065.000	03	09	1006	1010	52.0		MDG	BC	9K00E	A3E										
INS	MSWR-MERAUKE	12070.000	12	07	1219	1236	32.1		PHL	BC	9K00	A3E										
KOR	CRMS	12070.000	31	07	0009	0009	34.2		PHL	BC	14K5	A3E									6	
KOR	CRMS	12070.000	07	08	0010	0010	-2.3		PHL	BC	15K0	A3E									6	
RUS	SMOLENSK	12070.000	03	09	0600	0700	31.0		F	BC	754H	A3E	005	E	26	48	N	58	276	B		
RUS	BELGOROD	12070.000	03	09	1430	1435	51.8		THA	BC	9K40	A3E	103	E	12	17	N	41	97	B		
RUS	S. PETERSBURG	12070.000	03	09	1630	1640	48.0		THA	BC	8K50	A3E							96	B		
KOR	CRMS	12070.000	04	09	0011	0011	2.6		PHL	BC	14K9	A3E									6	
G	BALDOCK	12070.000	22	09				VOA RADIO ASHANA	THA	BC	9K00E	A3E							71	B		UDON-THANI TX
INS	MSCK-TANGERANG	12080.000	01	07	0819	0819		CNR 2-CHINA BUSINESS RADIO	CHN	BC	9K00E	A3E										
RUS	IRKUTSK	12080.000	03	09	0700	0730	10.0		CHN	BC	10K3	A3E	106	E	48	33	N	26	175	A		
INS	MSCK-TANGERANG	12080.000	03	09	1021	1025	49.6		INS	BC	9K00E	A3E										
RUS	MOROZOVSK	12080.000	03	09	1300	1500	11.0		BOT	BC	6K00	A3E	022	E	55	21	N	35	198	B		
RUS	BELGOROD	12080.000	03	09	1400	1403	53.7		PHL	BC	11K1	A3E	120	E	38	15	N	23	84	B		
ROU	BELCIUGATELE	12080.000	24	09	1340	1410	49.3	Voice of America	PHL	BC	9K00	A3E							69	A		Korean language
RUS	IRKUTSK	12085.000	03	09	0130	0200	40.0		CHN	BC	10K4	A3E	109	E	18	34	N	09	168	A		
RUS	ARKHANGELSK	12085.000	03	09	0920	0930	14.0	Voice of Mongolia	MNG	BC	2K75	A3E							74	B		
I	ROMA	12095.000	11	07	1920		58.0	BBC	CVA	BC	9K00E	A3E										
INS	MSWR-MERAUKE	12095.000	12	07	1207	1219	23.5		OMA	BC	9K00	A3E										
G	BALDOCK	12095.000	14	07				BBC WORLD SERVICE	OMA	BC	9K00E	A3E							98	C		AL SEELA TX
INS	MSCK-TANGERANG	12095.000	29	07	0115	0117			OMA	BC	9K00E	A3E	059	E	37	21	N	55				
INS	MSKH-KUPANG	12095.000	06	08	0345	0400	21.4		MDG	BC	9K00E	A3E							240	C		
INS	MSWR-MERAUKE	12095.000	26	08	1100	1105	4.0		PHL	BC	9K00	A3E										
RUS	ARKHANGELSK	12095.000	03	09	1040	1050	18.0	FEBC Radio	PHL	BC	2K94	A3E							80	B		
RUS	BELGOROD	12095.000	03	09	1403	1407	55.3	BBC	UAE	BC	9K50	A3E	054	E	15	24	N	10	146	B		
RUS	S. PETERSBURG	12095.000	03	09	1640	1650	54.0		OMA	BC	9K70	A3E							147	B		
INS	MSKH-KUPANG	12095.000	05	09	0130	0133	16.1		OMA	BC	9K00E	A3E										
ROU	BELCIUGATELE	12095.000	26	09	1245	1315	56.1	FEBC Radio	PHL	BC	9K00	A3E							78	A		Tai Dam language
G	BALDOCK	12100.000	13	07					CHN	BC	9K00E	A3E							53	B	3	
HNG	TARNOK	12104.997	26	09	1400	1500	42.3	AWR	USA	BC	9K12	A3E										
RUS	BELGOROD	12105.000	03	09	1425	1430	57.3			BC	9K30	A3E							68	C	11	
RUS	SMOLENSK	12110.000	03	09	0600	0700	38.0		F	BC	754H	A3E	005	E	39	47	N	32	274	B		
J	TOKYO	12110.000	09	09	2346					BC		A3E										
I	ROMA	12111.800	23	08	1016		18.0			FX	3K00E	G1D							306	A		STANAG 4285
G	BALDOCK	12120.000	02	07					USA	FC	1K10E	F1B							265	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	12120.000	19	07	0829		1.0			FX	925HE	F1B							275	B		75BD
I	ROMA	12120.000	30	07	0642		16.0			FX	925HE	F1B							275	A		75BD
J	TOKYO	12120.000	14	08	0746							F1B							324	D		
ROU	BELCIUGATELE	12120.000	22	08	1350	1420	52.0	FEBC Radio	PHL	BC	9K00	A3E							78	A		Burmese language
ROU	BELCIUGATELE	12120.000	28	08	1330	1400	53.5	FEBC Radio	PHL	BC	10K0	A3E							79	A		Bocaue Burmese Language
RUS	BELGOROD	12120.000	03	09	0530	0535	24.1				1K60	F1B							291	C		
RUS	BELGOROD	12120.000	03	09	1345	1350	67.5		PHL	BC	9K60	A3E	120	E	55	14	N	49	85	B	11	
HNG	TARNOK	12120.000	26	09	0400	1000	33.8				1K00E	F1B										75BD,850HZ
HNG	TARNOK	12120.000	26	09	1300	1400	22.3	FEC	PHL	BC	9K75	A3E										
G	BALDOCK	12120.000	30	09				?	USA	FL	1K09E	F1B							262	A		
ROU	BELCIUGATELE	12120.000	30	09	1220	1250	53.9	FEBC Radio	PHL	BC	9K00	A3E							78	A		Akhazian language
HNG	TARNOK	12120.003	26	09	1730	1930	34.6			BC	10K4	A3E										
I	ROMA	12123.000	19	07	0825		3.0		RUS	FX	300HE	F1B							40	A		50BD
G	BALDOCK	12130.000	02	07				MASHAAL RADIO	KWT	BC	9K00E	A3E							103	B		
ROU	BELCIUGATELE	12130.000	29	07	1200	1230	39.1	MASHAAL RADIO	KWT	BC	9K00	A3E							67	A		Pashto language
ROU	BELCIUGATELE	12130.000	28	08	1203	1251	37.6	Radio Mashaal	KWT	BC	10K0	A3E							128	A		Kuwait Pashto language
RUS	BELGOROD	12130.000	03	09	0535	0540	25.1		KWT	BC	9K50	A3E	047	E	37	29	N	09	155	B	11	
HNG	TARNOK	12130.007	26	09	0400	1000	28.2	AGM	KWT	BC	11K7	A3E									11	
INS	MSWR-MERAUKE	12140.000	26	08	1110	1115	3.0		CHN	BC	9K00	A3E										
RUS	SMOLENSK	12140.000	03	09	0600	0700	22.0			BC	2K99	A3E							159	B		
G	BALDOCK	12146.000	13	07					RUS	LR	20K0E	P0N							66	B		
HNG	TARNOK	12150.000	26	09	2030	2100	14.1			BC	10K0E	A3E										
INS	MSCK-TANGERANG	12160.000	03	09	1027	1031	44.9		CHN	BC	9K00E	A3E										
HNG	TARNOK	12160.001	26	09	1200	1242	33.1			BC	8K97	A3E										
HNG	TARNOK	12166.000	26	09	0950	1020	22.9				3K00E	G1D										
I	ROMA	12170.000	30	07	0645		21.0			FX	40K0E	G7D							303	A		
HNG	TARNOK	12171.000	26	09	0421	0500	40.6				12K0E	F0N										OTHR
G	BALDOCK	12178.000	02	07					RUS	LR	20K0E	P0N							69	A		
I	ROMA	12184.000	30	07	0644		9.0		RUS	FX	850HE	F1B							40	A		50BD
I	ROMA	12184.000	23	09	0949		15.0		RUS	FX	850HE	F1B							40	A		50BD
J	TOKYO	12189.900	06	08	1002			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12189.900	14	08	0749			SOUND OF HOPE		BC		A3E	121	E	25	24	N	31	242	B	11	TAIWAN
J	TOKYO	12189.900	20	08	0602			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12189.900	27	08	0416			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12189.900	03	09	0134			SOUND OF HOPE		BC		A3E	121	E	18	24	N	21	240	B	11	TAIWAN
J	TOKYO	12189.910	02	07	0604			SOUND OF HOPE		BC		A3E	121	E	21	24	N	56	240	B	11	TAIWAN
J	TOKYO	12189.910	09	07	0417			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12189.910	09	09	2348			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12189.910	18	09	1017			SOUND OF HOPE		BC		A3E							242	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12189.910	25	09	0747			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	12190.000	22	07	0653	0653	22.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	12190.000	21	08	0028	0028	17.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	12190.000	03	09	0611	0611	-7.0		CHN	BC	14K8	A3E									11	
INS	MSCK-TANGERANG	12190.000	03	09	1035	1040	49.0		CHN	BC	9K00E	A3E										
HNG	TARNOK	12204.000	26	09	0518	0526	31.7				20K0E	F0N										OTHR
J	TOKYO	12209.980	24	07	0007			SOUND OF HOPE		BC		A3E	121	E	27	24	N	38	241	B	11	TAIWAN
J	TOKYO	12209.980	14	08	0752			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12209.980	20	08	0603			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12209.980	09	09	2351			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12209.980	25	09	0749			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12209.990	02	07	0605			SOUND OF HOPE		BC		A3E	121	E	21	24	N	56	240	B	11	TAIWAN
J	TOKYO	12209.990	06	08	1003			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12209.990	27	08	0417			SOUND OF HOPE		BC		A3E							245	D	11	
J	TOKYO	12209.990	03	09	0135			SOUND OF HOPE		BC		A3E	121	E	18	24	N	21	240	B	11	
J	TOKYO	12209.990	18	09	1020			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	12210.000	05	07	0642	0642	-8.1		CHN	BC	14K5	A3E									11	
J	TOKYO	12210.000	09	07	0419			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	12210.000	09	08	0733	0733	-6.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	12210.000	03	09	0612	0612	-10.9		CHN	BC	14K8	A3E									11	
I	ROMA	12214.000	19	07	0835		16.0	OTH RADAR	RUS	FX	15K0E	P0N							48	A		
J	TOKYO	12229.940	27	08	0419			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12229.940	03	09	0137			SOUND OF HOPE		BC		A3E	121	E	18	24	N	21	240	B	11	TAIWAN
J	TOKYO	12229.950	02	07	0606			SOUND OF HOPE		BC		A3E	121	E	21	24	N	56	240	B	11	TAIWAN
J	TOKYO	12229.950	09	07	0421			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12229.950	17	07	0132			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	12229.950	20	08	0607			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12229.960	24	07	0010			SOUND OF HOPE		BC		A3E	121	E	37	24	N	30	241	B	11	TAIWAN
J	TOKYO	12229.960	06	08	1004			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12229.960	14	08	0755			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12229.960	25	09	0751			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12229.970	09	09	2354			SOUND OF HOPE		BC		A3E	121	E	05	24	N	08	241	A	11	TAIWAN
KOR	CRMS	12230.000	05	07	0642	0642	-10.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	12230.000	21	08	0029	0029	22.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	12230.000	03	09	0612	0612	-5.8		CHN	BC	14K8	A3E									11	
INS	MSKH-KUPANG	12253.000	03	07	0740	0746	3.4	SITOR - A	AUS	FC	100HE	F7B							102	C		
J	TOKYO	12279.890	02	07	0607			SOUND OF HOPE		BC		A3E	121	E	21	24	N	56	240	B	11	TAIWAN
J	TOKYO	12279.890	09	07	0425			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12279.900	17	07	0134			SOUND OF HOPE		BC		A3E							241	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12279.900	20	08	0612			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12279.900	27	08	0420			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12279.900	03	09	0138			SOUND OF HOPE		BC		A3E	121	E	18	24	N	21	240	B	11	TAIWAN
J	TOKYO	12279.900	25	09	0755			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12279.910	24	07	0011			SOUND OF HOPE		BC		A3E							240	B	11	TAIWAN
J	TOKYO	12279.920	18	09	1022			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12279.930	06	08	1005			SOUND OF HOPE		BC		A3E							241	D	11	
INS	MSTM-MEDAN	12280.000	09	08	0522	0525			CHN	BC	6K00E	A3E										
G	BALDOCK	12325.000	02	07					TUR	FX	3K00E	G1D							113	A		
RUS	BELGOROD	12325.000	04	09	1339	1341	11.7		CYP		2K90	G1D	033	E	00	35	N	16	191	B		
F	RAMBOUILLET	12325.000	18	09	1410	1700	22.0				3K00E	J7B								A	9	
INS	MSTM-MEDAN	12326.000	09	08	0353	0357	56.4		INS	MS	6K00E	J3E										
J	TOKYO	12336.900	09	07	0434														346	D		
J	TOKYO	12336.990	17	07	0136				RUS				135	E	16	48	N	16	345	A		
J	TOKYO	12336.990	14	08	0800							F1B							343	D		
G	BALDOCK	12337.000	13	07					RUS	FC	1K30E	F1B							28	B		
J	TOKYO	12337.000	24	07	0012				RUS			F1B	135	E	50	46	N	15	346	B		
J	TOKYO	12337.000	06	08	1006				RUS			F1B	134	E	55	49	N	01	345	B		
J	TOKYO	12337.000	27	08	0426														345	D		
INS	MSTM-MEDAN	12361.500	09	08	0349	0351				FA	3K00E	J3E										
INS	MSTM-MEDAN	12362.000	25	07	0309	0311	3.2		AUS	FC	3K00	J3E										VMW WILUNA
J	TOKYO	12362.000	06	08	1007			VMW				J3E							206	D		
INS	MSKH-KUPANG	12362.000	11	09	0130	0133	22.9		AUS	FC	2K40E	J3E										
J	TOKYO	12364.830	02	07	0610			SOUND OF HOPE		BC		A3E	120	E	31	23	N	52	240	B	11	TAIWAN
J	TOKYO	12364.840	09	07	0438			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12364.840	24	07	0014			SOUND OF HOPE		BC		A3E	120	E	39	23	N	20	239	B	11	TAIWAN
J	TOKYO	12364.840	27	08	0428			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12364.850	14	08	0806			VMC				H3E										
J	TOKYO	12364.850	20	08	0617			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12364.850	03	09	0140			SOUND OF HOPE		BC		A3E	121	E	18	24	N	21	240	B	11	TAIWAN
J	TOKYO	12364.850	09	09	2357			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12364.850	18	09	1024			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12370.000	14	08	0810							F1B							267	D		
J	TOKYO	12370.000	20	08	0620							F1B										
F	RAMBOUILLET	12375.000	19	09	1040	1800	24.0				3K00E	J7B								A	9	
HNG	TARNOK	12375.410	28	09	0500	2000	29.0				3K00E	F3C										
I	ROMA	12375.500	23	08	1021		17.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	12375.500	23	09	0954		42.0			FX	3K00E	G1D							336	A		STANAG 4285
J	TOKYO	12381.500	06	08	1017				CHN			F3C	121	E	18	31	N	22	261	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12382.000	02	07	0615			XSG		FC		F3C							260	D		
J	TOKYO	12382.000	09	07	0444			XSG		FC		F3C							261	D		
J	TOKYO	12382.000	17	07	0141			XSG		FC		F3C							260	D		
J	TOKYO	12382.000	14	08	0814			XSG		FC		F3C							258	D		
J	TOKYO	12382.000	27	08	0437			XSG		FC		F3C							260	D		
J	TOKYO	12382.000	03	09	0145			XSG		FC		F3C										TAIWAN
J	TOKYO	12382.000	10	09	0005			XSG		FC		F3C							261	D		
I	ROMA	12400.000	08	07	1047		13.0				3K00E	G1D							309	A		
I	ROMA	12400.000	30	07	0653		26.0				3K00E	G1D							310	A		
I	ROMA	12400.000	23	08	1025		18.0			FX	3K00E	G1D							310	B		STANAG 4285
J	TOKYO	12414.910	20	08	0622				CHN	BC		A3E	118	E	38	41	N	30	297	A		
J	TOKYO	12429.800	18	09	1028			SOUND OF HOPE		BC		A3E	127	E	09	37	N	11	281	A	11	KOR
J	TOKYO	12429.840	06	08	1022			SOUND OF HOPE		BC		A3E	127	E	54	36	N	53	281	B	11	KOR
J	TOKYO	12429.840	20	08	0628			SOUND OF HOPE		BC		A3E							283	D	11	
J	TOKYO	12429.850	02	07	0619			SOUND OF HOPE		BC		A3E	127	E	54	36	N	56	281	B	11	KOR
J	TOKYO	12429.850	17	07	0149			SOUND OF HOPE		BC		A3E							278	D	11	
J	TOKYO	12429.850	24	07	0016			SOUND OF HOPE		BC		A3E	126	E	56	36	N	50	271	B	11	KOR
J	TOKYO	12429.850	03	09	0146			SOUND OF HOPE		BC		A3E	127	E	59	36	N	35	279	B	11	
J	TOKYO	12429.850	10	09	0010			SOUND OF HOPE		BC		A3E							282	D	11	
J	TOKYO	12429.850	25	09	0806			SOUND OF HOPE		BC		A3E							282	D	11	
J	TOKYO	12429.860	09	07	0449			SOUND OF HOPE		BC		A3E	127	E	21	36	N	46	280	A	11	KOR
J	TOKYO	12429.860	27	08	0447			SOUND OF HOPE		BC		A3E							282	D	11	
KOR	CRMS	12430.000	29	08	0441	0441	17.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	12430.000	03	09	0612	0612	-14.9		CHN	BC	14K9	A3E									11	
F	RAMBOUILLET	12430.000	20	09	1645	1725	60.0				20K0E	PXX								A	9	OTHR
J	TOKYO	12499.910	02	07	0620			SOUND OF HOPE		BC		A3E	120	E	43	23	N	58	240	B	11	TAIWAN
J	TOKYO	12499.910	09	07	0453			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12499.910	27	08	0451			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12499.910	03	09	0147			SOUND OF HOPE		BC		A3E	121	E	14	24	N	18	240	B	11	TAIWAN
J	TOKYO	12499.920	17	07	0153			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12499.920	14	08	0825			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12499.920	20	08	0632			SOUND OF HOPE		BC		A3E	121	E	04	24	N	18	241	A	11	TAIWAN
J	TOKYO	12499.920	18	09	1032			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12499.930	10	09	0013			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12499.940	24	07	0017			SOUND OF HOPE		BC		A3E	121	E	21	24	N	39	241	B	11	TAIWAN
J	TOKYO	12499.940	06	08	1023			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	12500.000	04	07	0550	0550	-12.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	12500.000	07	08	0010	0010	-9.4		CHN	BC	14K9	A3E									11	
INS	MSWR-MERAUKE	12500.000	26	08	1125	1140	2.0		CHN	BC	9K00	A3E										

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	12500.000	03	09	0612	0612	-3.6		CHN	BC	14K8	A3E									11	
HNG	TARNOK	12501.000	30	09	1133	1140	22.6				250HE	F1B										100BD.170HZ
INS	MSKH-KUPANG	12515.100	11	09	0147	0150	10.8		INS	MS	2K40E	J3E										
HNG	TARNOK	12518.500	30	09	1450	1503	27.5				2K80E	J3E										USB
J	TOKYO	12549.460	17	07	0155			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12549.460	27	08	0452			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	12549.470	09	07	0457					BC		A3E							240	D		
J	TOKYO	12549.470	03	09	0150			SOUND OF HOPE		BC		A3E	121	E	14	24	N	13	240	B	11	
J	TOKYO	12549.470	25	09	0814			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12549.480	20	08	0635					BC		A3E							240	D		
J	TOKYO	12549.480	10	09	0016					BC		A3E							241	D		
J	TOKYO	12549.490	24	07	0020			SOUND OF HOPE		BC		A3E	121	E	14	23	N	29	239	B	11	TAIWAN
J	TOKYO	12549.490	14	08	0828			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12549.490	18	09	1034			SOUND OF HOPE		BC		A3E							239	D	11	
KOR	CRMS	12550.000	04	07	0550	0550	-13.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	12550.000	21	08	0029	0029	26.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	12550.000	03	09	0612	0612	-15.1		CHN	BC	14K9	A3E									11	
HNG	TARNOK	12557.000	30	09	1050	1100	18.2	TAH	TUR	FC	250HE	F1B										100BD.170HZ
G	BALDOCK	12570.000	02	07					D	FX	3K00E	G1D							121	B		
I	ROMA	12570.000	08	07	1045		34.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	12570.000	19	07	1402		35.0			FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	12570.000	30	07	0654		23.0			FX	3K00E	G1D							338	A		STANAG 4285
I	ROMA	12570.000	23	09	0958		34.0			FX	3K00E	G1D							336	A		STANAG 4285
HNG	TARNOK	12570.000	30	09	0536	1208	37.9				2K86	G1D										
J	TOKYO	12577.040	06	08	1026							F1B										
G	BALDOCK	12579.000	19	07					RUS	FC	304HE	F1B							69	A		100BD,
J	TOKYO	12579.000	18	09	1036							F1B										
I	ROMA	12579.000	27	09	0859		25.0	UAT	RUS	FC	270HE	F1B							41	A		SITOR
HNG	TARNOK	12579.000	30	09	0716	1113	42.7				350HE	F1B										100BD,170HZ
I	ROMA	12579.000	30	09	1047		21.0			FX		F1B							40	A		
J	TOKYO	12580.740	06	08	1030							F1B										
J	TOKYO	12583.970	18	09	1039							F1B							323	D		
J	TOKYO	12584.010	06	08	1033							F1B							323	D		
G	BALDOCK	12592.000	13	07					RUS	FX	290HE	F1B							67	A		50BD,
HNG	TARNOK	12592.000	30	09	1210	1952	18.7				300HE	F1B										50BD,200HZ
HNG	TARNOK	12596.000	30	09	0555	0755	47.3				400HE	F1B										50BD,200HZ
J	TOKYO	12599.650	24	07	0022				CHN				129	E	02	42	N	48	313	B		
I	ROMA	12603.500	19	07	1405		41.0	SVO	GRC	FC	270HE	F1B							118	A		100 BD SITOR
G	BALDOCK	12610.000	02	07					RUS	FC	290HE	F1B							30	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	12610.000	08	07	1038		23.0	1EB41EB2952	RUS	FX	250HE	F1B							13	A		50 BD
I	ROMA	12610.000	19	07	1407			1EB41EB2952	RUS	FX	250HE	F1B							18	B		50 BD
I	ROMA	12610.000	27	09	0857		8.0	1EB41EB2952	RUS	FX	250HE	F1B							17	A		T600 - 50BD
J	TOKYO	12613.000	02	07	0627			XSQ		FC		F1B										
J	TOKYO	12613.000	09	07	0510			XSQ		FC		F1B										
G	BALDOCK	12613.000	13	07				XSQ	CHN	FC	304HE	F1B							58	B		
J	TOKYO	12613.000	17	07	0200			XSQ		FC		F1B										
J	TOKYO	12613.000	24	07	0025			XSQ		FC		F1B	119	E	39	26	N	03	247	B		
J	TOKYO	12613.000	06	08	1038			XSQ		FC		F1B										
J	TOKYO	12613.000	14	08	0832			XSG		FC		F1B										
J	TOKYO	12613.000	20	08	0640			XSQ		FC		F1B										
J	TOKYO	12613.000	03	09	0151			XSQ		FC		F1B										TAIWAN
J	TOKYO	12613.000	10	09	0018			XSQ		FC		F1B										
J	TOKYO	12613.000	25	09	0818			XSQ		FC		F1B										
J	TOKYO	12623.870	25	09	0823			XSQ		FC		F1B										
J	TOKYO	12624.000	17	07	0204			XSQ		FC		F1B										
J	TOKYO	12624.000	10	09	0023			XSQ		FC		F1B										
J	TOKYO	12629.300	27	08	0454							F3C							251	D		
J	TOKYO	12629.310	24	07	0027			XSQ		FC		F1B	119	E	36	25	N	45	246	B		
G	BALDOCK	12631.000	02	07					RUS	FC	290HE	F1B							69	A		
I	ROMA	12631.000	19	07	1412			1414BEBE952	RUS	FX	250HE	F1B							19			50 BD
J	TOKYO	12637.500	02	07	0633			XSG		FC		F1B										
J	TOKYO	12637.500	09	07	0515			XSG		FC		F1B										
G	BALDOCK	12637.500	13	07				XSG	CHN	FC	304HE	F1B							47	B		
J	TOKYO	12637.500	17	07	0206			XSG		FC		F1B										
J	TOKYO	12637.500	24	07	0032			XSG		FC		F1B	121	E	34	31	N	25	260	B		
J	TOKYO	12637.500	06	08	1039			XSG		FC		F1B										
INS	MSKH-KUPANG	12637.500	20	08	0255	0305	11.4		CHN	FC	1K00E	F1B										
J	TOKYO	12637.500	20	08	0642			XSG		FC		F1B										
J	TOKYO	12637.500	03	09	0155			XSG		FC		F1B										
J	TOKYO	12637.500	10	09	0024			XSG		FC		F1B										
J	TOKYO	12637.500	18	09	1046			XSG		FC		F1B										
J	TOKYO	12637.500	25	09	0827			XSG		FC		F1B										
J	TOKYO	12637.900	27	08	0503			XSG		FC		F1B										
INS	MSKH-KUPANG	12646.500	20	08	0305	0313	11.5		CHN	FC	1K00E	F1B										
J	TOKYO	12648.330	09	07	0517			XSQ		FC		F1B										
J	TOKYO	12648.490	17	07	0208			XSQ		FC		F1B										
J	TOKYO	12648.500	02	07	0637			XSQ		FC		F1B										
G	BALDOCK	12648.500	13	07				XSQ	CHN	FC	304HE	F1B							57	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	12648.500	06	08	1040			XSQ		FC		F1B										
J	TOKYO	12648.500	20	08	0645			XSQ		FC		F1B										
J	TOKYO	12648.500	03	09	0156			XSQ		FC		F1B										
J	TOKYO	12648.500	25	09	0830			XSG		FC		F1B										
J	TOKYO	12648.590	27	08	0509			XSQ		FC		F1B										
J	TOKYO	12648.590	18	09	1049			XSQ		FC		F1B										
J	TOKYO	12649.500	03	09	0156			XSG		FC		F1B										
G	BALDOCK	12654.000	02	07				TAH (ISTANBUL)	TUR	FX	290HE	F1B							106	A		
RUS	BELGOROD	12654.000	06	09	0555	0557	31.4		TUR		500H	F1B	028	E	54	41	N	03	212	B		
RUS	SMOLENSK	12654.000	06	09	0600	0700	33.0		TUR	FC	709H	F1B	031	E	50	38	N	10	236	B		
I	ROMA	12654.000	27	09	0855		12.0	TAH	TUR	FC	270HE	F1B							87	A		SITOR
J	TOKYO	12666.250	18	09	1053							J2D							118	A		
J	TOKYO	12666.290	14	08	0835				F				149	W	03	18	S	00	115	B		OCE
G	BALDOCK	12666.300	02	07						MS	3K00E	G1D							324	B		
J	TOKYO	12666.300	06	08	1042														116	C		
G	BALDOCK	12668.300	13	07					F	FX	3K00E	G1D							169	A		
I	ROMA	12668.300	30	07	1251		22.0	RFFME	F	FX	3K00E	G1D							282	A		STANAG 4285
RUS	BELGOROD	12668.300	06	09	0557	0600	35.6		F		2K90	G1D	006	E	04	43	N	10	262	B		
I	ROMA	12668.300	23	09	1008		33.0	RFFME	F	FX	3K00E	G1D							286	A		STANAG 4285
G	BALDOCK	12684.000	19	07					RUS	FX	290HE	F1B							66	A		50BD SECURE,
G	BALDOCK	12692.800	13	07					GRC	FC	3K00E	G1D							122	A		
I	ROMA	12702.700	27	09	0853		7.0		POR	FX	3K00E	G1D							263	A		STANAG 4285 2400BD
G	BALDOCK	12702.800	19	07					F	FC	3K00E	G1D							210	A		
F	RAMBOUILLET	12704.000	30	09	0730	1800	32.0				7K00E	B7B								A	9	
I	ROMA	12706.300	27	09	0853		11.0		POR	FX	3K00E	G1D							265	A		STANAG 4285 2400BD
G	BALDOCK	12706.350	19	07					F	FC	3K00E	G1D							208	A		
G	BALDOCK	12714.800	13	07					GRC	FC	3K00E	G1D							122	A		
J	TOKYO	12725.700	06	08	1043														116	D		
J	TOKYO	12725.770	14	08	0838														116	D		
J	TOKYO	12725.770	18	09	1058							J2D							118	A		
G	BALDOCK	12725.800	02	07						MS	3K00E	G1D							324	B		
I	ROMA	12731.800	02	07	1107		16.0		F	FX	3K00E	G1D							283	A		STANAG 4285 2400BD
I	ROMA	12731.800	08	07	1035		18.0		F	FX	3K00E	G1D							283	A		STANAG 4285 2400BD
G	BALDOCK	12731.800	13	07					F	FX	3K00E	G1D							169	A		
I	ROMA	12731.800	30	07	1252		15.0		F	FX	3K00E	G1D							282	A		STANAG 4285 2400BD
RUS	BELGOROD	12731.800	06	09	0600	0604	37.7		F		2K90	G1D	004	E	35	44	N	52	267	B		
I	ROMA	12731.800	23	09	1010		28.0		F	FX	3K00E	G1D							282	A		STANAG 4285 2400BD
RUS	ARKHANGELSK	12731.830	06	09	0720	0740	5.0		F	FC	3K33	G1D							243	B		
RUS	S. PETERSBURG	12731.830	06	09	0720	0740	20.0		F	FC	3K33	G1D							238	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	12741.000	02	07					RUS	FC	290HE	F1B							30	A		
I	ROMA	12741.000	02	07	1104		14.0	1414BEBE952	RUS	FX	250HE	F1B							14	A		T600 50BD
I	ROMA	12741.000	27	09	0851		3.0	1414BEBE952	RUS	FX	250HE	F1B							14	A		T600 50BD
F	RAMBOUILLET	12741.000	30	09	0600	1800	17.0				300HE	F1B								A	9	Intermittent
J	TOKYO	12761.250	03	09	0207														279	C		
J	TOKYO	12761.260	17	07	0209														277	D		
J	TOKYO	12794.930	18	09	1102			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12794.960	02	07	0641			SOUND OF HOPE		BC		A3E	120	E	55	23	N	47	240	B	11	TAIWAN
J	TOKYO	12794.960	09	07	0520			SOUND OF HOPE		BC		A3E	121	E	17	24	N	29	241	A	11	TAIWAN
J	TOKYO	12794.960	17	07	0212			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12794.960	20	08	0647			SOUND OF HOPE		BC		A3E	121	E	11	24	N	11	242	A	11	TAIWAN
J	TOKYO	12794.960	03	09	0210			SOUND OF HOPE		BC		A3E	121	E	05	23	N	46	240	B	11	
J	TOKYO	12794.960	25	09	0840			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12794.970	10	09	0028			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12803.820	25	09	0842							F1B							322	D		
J	TOKYO	12803.980	18	09	1103							F1B										
J	TOKYO	12804.000	02	07	0646				RUS			F1B	131	E	51	43	N	49	322	B		
J	TOKYO	12804.000	09	07	0524							F1B							322	D		
J	TOKYO	12804.000	17	07	0213							F1B							320	D		
J	TOKYO	12804.000	24	07	0033				RUS			F1B	131	E	48	43	N	16	322	B		
J	TOKYO	12804.000	06	08	1044				RUS			F1B	132	E	00	43	N	11	322	B		
J	TOKYO	12804.000	20	08	0650							F1B							324	D		
J	TOKYO	12804.000	27	08	0516							F1B							322	D		
J	TOKYO	12804.000	03	09	0211				RUS			F1B	132	E	07	43	N	28	323	A		NCL
J	TOKYO	12804.000	10	09	0030							F1B							325	D		
G	BALDOCK	12810.000	02	07					CYP	LR	20K0E	P0N							112	A		
J	TOKYO	12819.820	02	07	0647			SOUND OF HOPE		BC		A3E	120	E	13	23	N	09	240	B	11	TAIWAN
J	TOKYO	12819.840	09	07	0528			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12819.860	17	07	0216			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12819.860	20	08	0653			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12819.860	03	09	0212			SOUND OF HOPE		BC		A3E	121	E	02	23	N	53	240	B	11	
J	TOKYO	12819.860	25	09	0846			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12819.870	14	08	0840			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12819.880	18	09	1105			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12819.890	10	09	0033			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	12820.000	05	07	0643	0643	-19.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	12820.000	22	08	0423	0423	12.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	12820.000	03	09	0613	0613	-13.1		CHN	BC	14K9	A3E									11	
G	BALDOCK	12832.000	02	07					RUS	FX	290HE	F1B							66	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	12832.000	02	07	1054		8.0			FX	H400E	F1B							34	A		BAUDOT
J	TOKYO	12834.900	27	08	0518			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12834.910	06	08	1049			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12834.910	14	08	0842			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.910	20	08	0655			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.910	03	09	0213			SOUND OF HOPE		BC		A3E	121	E	02	23	N	52	240	B	11	
J	TOKYO	12834.910	10	09	0035			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12834.910	25	09	0849			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12834.930	18	09	1107			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12834.970	02	07	0648			SOUND OF HOPE		BC		A3E	120	E	13	23	N	09	240	B	11	TAIWAN
J	TOKYO	12834.970	09	07	0530			SOUND OF HOPE		BC		A3E	121	E	04	24	N	18	242	B	11	TAIWAN
J	TOKYO	12834.970	17	07	0217			SOUND OF HOPE		BC		A3E							240	D	11	
RUS	S. PETERSBURG	12840.500	06	09	1055	1103	35.0		HOL	FC	1K29	F1B							252	B		
RUS	ARKHANGELSK	12840.500	06	09	1055	1103	24.0		HOL	FC	1K25	F1B							252	B		
I	ROMA	12840.500	27	09	0843		30.0	PBB	HOL	FC	1K00E	F1B							336	A		75 BD 850 SHIFT
RUS	S. PETERSBURG	12855.000	09	09	0755	0805	17.0		MCO	FC	3K00	G1D							230	B		
RUS	ARKHANGELSK	12855.000	09	09	0755	0805	3.0		MCO	FC	3K00	G1D							238	B		
G	BALDOCK	12858.000	02	07					SEN	FC	3K00E	G1D							206	A		
J	TOKYO	12864.950	17	07	0218			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	12864.960	02	07	0649			SOUND OF HOPE		BC		A3E	120	E	13	23	N	09	240	B	11	TAIWAN
J	TOKYO	12864.960	09	07	0534			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12864.970	24	07	0036			SOUND OF HOPE		BC		A3E	121	E	34	24	N	27	241	B	11	TAIWAN
J	TOKYO	12864.980	18	09	1108			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	12864.980	25	09	0850			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	12864.990	27	08	0520			SOUND OF HOPE		BC		A3E							239	D	11	
INS	MSWR-MERAUKE	12865.000	08	07	1141	1216	10.8		CHN	BC	9K00	A3E										
KOR	CRMS	12865.000	22	07	0726	0726	27.6		CHN	BC	14K9	A3E									11	
J	TOKYO	12865.000	06	08	1050			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12865.000	14	08	0845			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12865.000	20	08	0659			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	12865.000	21	08	0030	0030	19.2		CHN	BC	14K8	A3E									11	
J	TOKYO	12865.000	10	09	0037			SOUND OF HOPE		BC		A3E	120	E	59	24	N	32	242	A	11	TAIWAN
KOR	CRMS	12865.000	23	09	0552	0552	18.5		CHN	BC	14K8	A3E									11	
I	ROMA	12875.400	02	07	0609		13.0		F	FX	3K00E	G1D							284	A		STANAG 4285 2400BD
G	BALDOCK	12875.400	13	07					F	FX	3K00E	G1D							169	A		
I	ROMA	12875.400	30	07	1305		27.0		F	FX	3K00E	G1D							284	A		STANAG 4285
RUS	BELGOROD	12875.400	09	09	0535	0540	20.5		E		2K90	G1D	000	E	08	42	N	19	265	B		
I	ROMA	12875.400	09	09	1252		27.0		F	FX	3K00E	G1D							281	A		STANAG 4285
I	ROMA	12875.400	27	09	0842		26.0		F	FX	3K00E	G1D							283	A		STANAG 4285

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	S. PETERSBURG	12875.445	09	09	0810	0820	18.0		E	FX	2K98	G1D							240	B		
RUS	ARKHANGELSK	12875.445	09	09	0810	0820	2.0		E	FX		G1D							245	B		
J	TOKYO	12879.760	02	07	0652			SOUND OF HOPE		BC		A3E	120	E	13	23	N	09	240	B	11	TAIWAN
J	TOKYO	12879.760	09	07	0536			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12879.760	06	08	1051			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	12879.760	14	08	0846			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12879.760	20	08	0703			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12879.760	27	08	0521			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12879.760	03	09	0214			SOUND OF HOPE		BC		A3E	121	E	02	23	N	52	240	B	11	
J	TOKYO	12879.760	10	09	0040			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	12879.760	25	09	0851			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	12879.780	18	09	1108			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	12880.000	01	07	0414	0414	-13.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	12880.000	21	08	0030	0030	26.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	12880.000	03	09	0613	0613	-4.2		CHN	BC	14K9	A3E									11	
G	BALDOCK	12885.400	02	07					F	FX	3K00E	G1D							152	A		
RUS	BELGOROD	12885.400	09	09	0540	0545	29.7		F		2K90	G1D	006	E	42	43	N	24	262	B		
I	ROMA	12885.400	27	09	0840		8.0			FX	3K10E	G1D							285	A		STANAG 4285 2400BD
G	BALDOCK	12921.000	19	07					RUS	LR	15K0E	P0N							71	A		
G	BALDOCK	12930.000	02	07					CYP	LR	20K0E	P0N							113	A		
RUS	BELGOROD	12932.400	09	09	0600	0610	17.0		F		4K00	G1D	005	E	52	43	N	06	262	B		
I	ROMA	12932.500	01	08	0622		25.0	RETJ	E	FX	3K00E	G1D							267	A		STANAG 4285 2400BD
I	ROMA	12932.500	27	09	0835		21.0	RETJ	E	FX	3K00E	G1D							266	A		STANAG 4285 2400BD
J	TOKYO	12943.700	06	08	1052														153	D		
J	TOKYO	12943.900	14	08	0848				NZL				168	E	52	43	S	28	159	B		
G	BALDOCK	12948.000	19	07					UKR	FC	290HE	F1B							96	B		
I	ROMA	12960.000	02	07	0608		17.0			FX	3K00E	G1D							326	A		STANAG 4285 600 LONG
G	BALDOCK	12960.000	13	07					F	FX	3K00E	G1D							178	C		
I	ROMA	12960.000	01	08	0624		6.0			FX	3K00E	G1D							326	A		STANAG 4285
G	BALDOCK	12975.000	13	07					CYP	LR	20K0E	P0N							114	B		
J	TOKYO	13019.850	17	07	0222			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13019.850	06	08	1056			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13019.850	20	08	0706			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13019.860	14	08	0852			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13019.990	24	07	0037				CHN	BC		A3E	124	E	10	47	N	32	320	B		
KOR	CRMS	13020.000	01	07	0414	0414	-6.2		CHN	BC	14K4	A3E									11	
J	TOKYO	13020.000	09	07	0540			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	13020.000	01	08	0409	0409	-17.5		CHN	BC	14K8	A3E									11	
J	TOKYO	13020.000	06	08	1056			CHINA N.R.		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13020.000	03	09	0216			SOUND OF HOPE		BC		A3E	121	E	02	23	N	52	240	B	11	
KOR	CRMS	13020.000	03	09	0613	0613	0.6		CHN	BC	14K8	A3E									11	
RUS	ARKHANGELSK	13020.000	09	09	1030	1100	37.0		CHN	BC		A3E	087	E	35	43	N	48	106	B	11	
RUS	S. PETERSBURG	13020.000	09	09	1330	1400	22.0		CHN	BC		A3E	114	E	19	29	N	51	79	B	11	
RUS	BELGOROD	13020.000	09	09	1355	1415	19.1		CHN	BC	3K00	A3E	109	E	58	41	N	45	70	B	11	
J	TOKYO	13020.000	10	09	0043				CHN	BC		A3E	119	E	12	26	N	43	250	A		
J	TOKYO	13020.000	18	09	1110					BC		A3E							328	D		
J	TOKYO	13020.000	25	09	0857			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	13033.000	02	07					F	FX	3K00E	G1D							257	B		
J	TOKYO	13036.850	17	07	0224				RUS				136	E	37	50	N	35	351	A		
J	TOKYO	13039.800	20	08	0711				KRE				125	E	50	40	N	23	297	A		
J	TOKYO	13039.900	06	08	1103														295	D		
G	BALDOCK	13044.300	13	07					GRC	FC	3K00E	G1D							122	A		
J	TOKYO	13049.000	09	07	0543														323	D		
G	BALDOCK	13049.000	13	07					RUS	FC	290HE	F1B							31	B		
J	TOKYO	13049.000	06	08	1104				RUS			F1B	140	E	05	51	N	20	359	B		
J	TOKYO	13049.000	14	08	0855							F1B							359	D		
G	BALDOCK	13059.400	02	07					E	FC	3K00E	G1D							211	B		GRAN
I	ROMA	13059.400	02	07	0605		7.0			FX	3K00E	G1D							245	A		STANAG 4285
I	ROMA	13059.400	27	09	0630		35.0			FX	3K00E	G1D							266	A		STANAG 4285
I	ROMA	13064.000	27	09	0625		71.0	1EB41EB2952	RUS	FX	250HE	F1B							70	A		50 BD
J	TOKYO	13067.990	14	08	0858				RUS			F1B	136	E	59	49	N	17	351	A		
J	TOKYO	13067.990	10	09	0049				RUS			F1B	137	E	12	50	N	28	352	A		
G	BALDOCK	13068.000	19	07					RUS	FX	290HE	F1B							68	B		
J	TOKYO	13068.000	06	08	1105							F1B							353	D		
J	TOKYO	13068.000	20	08	0715							F1B							353	D		
J	TOKYO	13068.000	03	09	0218				RUS			F1B	136	E	41	50	N	48	349	A		
INS	MSWR-MERAUKE	13070.000	03	07	1120	1131	11.4		CHN	BC	9K00	A3E										
KOR	CRMS	13070.000	09	07	0655	0655	-11.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	13070.000	05	09	0423	0423	-13.0		CHN	BC	14K8	A3E									11	
J	TOKYO	13070.130	02	07	0655			SOUND OF HOPE		BC		A3E	121	E	18	24	N	03	240	B	11	TAIWAN
J	TOKYO	13070.130	17	07	0227			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13070.150	25	09	0900			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13070.180	18	09	1115			SOUND OF HOPE		BC		A3E									11	
I	ROMA	13075.000	02	07	0604		11.0			FX	3K10	G1D							265	A		STANAG 4285
G	BALDOCK	13075.000	13	07					E	FX	3K00E	G1D							191	A		
G	BALDOCK	13128.000	19	07				ISTANBUL VOLMET	TUR	FC	2K80E	J3E							108	B		
J	TOKYO	13159.800	09	07	0545			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.800	17	07	0228			SOUND OF HOPE		BC		A3E							243	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	13159.800	06	08	1109			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	13159.800	27	08	0524			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13159.800	03	09	0220			SOUND OF HOPE		BC		A3E	121	E	18	23	N	46	240	B	11	
J	TOKYO	13159.800	25	09	0901			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.810	02	07	0656			SOUND OF HOPE		BC		A3E	121	E	18	24	N	03	240	B	11	TAIWAN
J	TOKYO	13159.810	14	08	0904			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.810	20	08	0720			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13159.810	10	09	0052			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13159.810	18	09	1117			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13159.820	24	07	0042			SOUND OF HOPE		BC		A3E	121	E	27	24	N	21	240	B	11	TAIWAN
KOR	CRMS	13160.000	01	07	0414	0414	-11.6		CHN	BC	14K9	A3E									11	
INS	MSWR-MERAUKE	13160.000	03	07	1131	1155	14.0		CHN	BC	9K00	A3E										
KOR	CRMS	13160.000	05	08	0418	0418	-19.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	13160.000	03	09	0613	0613	-5.4		CHN	BC	14K9	A3E									11	
RUS	S. PETERSBURG	13160.000	10	09	2100	2140	23.0		CHN	BC		A3E	120	E	13	22	N	59	78	B	11	
G	BALDOCK	13170.000	13	07					RUS	LR	20K0E	P0N							69	A		
J	TOKYO	13179.270	25	09	0904							F1B										
J	TOKYO	13200.000	09	07	0547														294	D		
J	TOKYO	13200.000	06	08	1110														295	D		
G	BALDOCK	13235.000	04	07					CYP	FX	20K0E	P0N							113	B		
G	BALDOCK	13246.000	04	07				SHANNON VOLMET	IRL	SM	2K80E	J3E							283	B		
I	ROMA	13264.000	24	07	1528		13.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							311	A		
RUS	BELGOROD	13264.000	11	09	0545	0550	10.0	Shannon Volmet	IRL	FD	3K40	J3E	008	W	10	52	N	21	291	B		
I	ROMA	13264.000	27	09	0621		21.0	SHANNON VOLMET	IRL	FA	3K10E	J3E							312	A		
RUS	ARKHANGELSK	13264.400	11	09	0618	0624	11.0		IRL	FX		J3E							267	B		
RUS	S. PETERSBURG	13264.400	11	09	0618	0624	21.0		IRL	FX		J3E							266	B		
J	TOKYO	13266.300	24	07	0043				CHN				119	E	48	27	N	34	251	B		
INS	MSCK-TANGERANG	13270.000	22	07	0200	0400	15.9		THA	AL	2K80E	G7W							330			
J	TOKYO	13270.000	06	08	1111			HATYAI		FA		J2D										
INS	MSKH-KUPANG	13270.000	19	08	0630	0645	23.5		THA	AL	2K40E	J2D							318	A		
J	TOKYO	13270.000	18	09	1120			HATYAI		FA		J2D								A		
INS	MSKH-KUPANG	13276.000	19	08	0850	0855	22.8		USA	AL	2K40E	J2D							27	A		
INS	MSPA-SAMARINDA	13285.000	29	08	0855	0900	13.9			MA	2K70E	J3E										
G	BALDOCK	13304.400	04	07					E	AL	2K40E	J1D							210	B		
J	TOKYO	13324.000	02	07	0710			MOLOKAI		FA		J2D										
J	TOKYO	13324.000	06	08	1113			MOLOKAI		FA		J2D										
J	TOKYO	13349.890	24	07	0046							A3E										
J	TOKYO	13351.000	06	08	1113			AUCKLAND		FA		J2D										
J	TOKYO	13354.000	25	09	0916			BAHRAIN		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	13370.000	17	07	0231							F1B							353	D		
J	TOKYO	13382.930	24	07	0049				CHN				116	E	15	27	N	43	255	B		
J	TOKYO	13385.500	06	08	1118														230	D		
G	BALDOCK	13394.900	04	07					RUS	FX	3K30E	J7D							57	A		
G	BALDOCK	13411.800	04	07					E	FX	3K00E	G1D							208	C		
RUS	BELGOROD	13413.400	11	09	0550	0558	28.2		F		2K80	G1D	004	W	28	48	N	24	281	B		
I	ROMA	13413.400	27	09	0614		33.0		F	FX	3K00E	G1D							304	A		STANAG 4285
RUS	S. PETERSBURG	13413.601	11	09	0740	0750	39.0		F	FX		J7B							253	B		
RUS	ARKHANGELSK	13413.601	11	09	0740	0750	22.0		F	FX		J7B							258	B		
ROU	BELCIUGATELE	13419.000	29	07	1300	1330	38.7	French Navy		FX	3K50	F1B							246	A		Data
RUS	BELGOROD	13419.800	11	09	0558	0602	31.7		F		1K05	F1B	002	E	18	42	N	40	265	B		
RUS	ARKHANGELSK	13419.800	11	09	0752	0758	12.0		F	FX		F1B							246	B		
RUS	S. PETERSBURG	13419.800	11	09	0752	0758	36.0		F	FX		F1B							240	B		
RUS	S. PETERSBURG	13420.000	11	09	1440	1450	39.0		E	FX		F1B							239	B		
I	ROMA	13431.800	27	09	0612		27.0			FX	3K00E	G1D							324	A		STANAG 4285
G	BALDOCK	13440.000	04	07					CYP	FX	20K0E	P0N							113	A		
G	BALDOCK	13460.000	12	07					CYP	FX	20K0E	P0N							113	B		
KOR	CRMS	13470.000	22	07	0728	0728	25.9		CHN	BC	15K0	A3E									11	
KOR	CRMS	13470.000	27	08	0819	0819	29.2		CHN	BC	14K7	A3E									11	
J	TOKYO	13470.000	10	09	0100			SOUND OF HOPE		BC		A3E							241	D	11	
INS	MSCK-TANGERANG	13470.000	11	09	0321	0326	49.0		CHN	BC	9K00E	A3E										
KOR	CRMS	13470.000	26	09	0633	0633	20.6		CHN	BC	14K9	A3E									11	
J	TOKYO	13470.020	25	09	0922			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13470.070	18	09	1123			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13470.180	14	08	0908			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13470.190	02	07	0715			SOUND OF HOPE		BC		A3E	120	E	49	23	N	09	240	B	11	TAIWAN
J	TOKYO	13470.190	09	07	0551			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13470.190	06	08	1120			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13470.200	17	07	0235			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	13470.200	24	07	0052			SOUND OF HOPE		BC		A3E	120	E	49	22	N	44	238	B	11	TAIWAN
ROU	BELCIUGATELE	13486.000	29	07	1320	1350	46.2	German Navy	D	FX	3K00	J1D							322	A		Data
I	ROMA	13488.000	01	08	0626		32.0			FX	3K00E	G1D							355	A		STANAG 4285
RUS	BELGOROD	13488.000	12	09	1253	1255	69.5		D		3K00	G1D	010	E	28	54	N	04	292	B		
I	ROMA	13488.000	27	09	0609		43.0			FX	3K00E	G1D							356	A		STANAG 4285
J	TOKYO	13494.930	09	07	0553			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13494.930	14	08	0909			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13494.930	27	08	0526			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13494.940	06	08	1121			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13494.940	20	08	0733			SOUND OF HOPE		BC		A3E							242	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	13494.940	10	09	0103			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	13494.980	18	09	1124			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13528.200	17	07	0132			F				A1A							322	C		
J	TOKYO	13528.200	23	07	2345			F				A1A										
J	TOKYO	13528.210	20	08	0603			F				A1A							30	D		
J	TOKYO	13528.270	17	07	0132			K				A1A							29	C		
J	TOKYO	13528.300	02	07	0600			K				A1A							29	C		
J	TOKYO	13528.300	09	07	0415			K				A1A							30	D		
J	TOKYO	13528.300	23	07	2347			K				A1A							31	D		
J	TOKYO	13528.300	06	08	1005			K				A1A							29	D		
J	TOKYO	13528.300	03	09	0130			K				A1A	158	E	17	53	N	13	30	A		
J	TOKYO	13528.400	02	07	0601			M				A1A							358	D		
J	TOKYO	13528.400	09	07	0416			M				A1A							12	D		
J	TOKYO	13528.400	17	07	0132			M				A1A	140	E	17	49	N	05	358	B		
J	TOKYO	13528.400	23	07	2348			M				A1A										
J	TOKYO	13528.400	06	08	1007			M				A1A							323	D		
J	TOKYO	13528.400	20	08	0606			M				A1A							30	D		
J	TOKYO	13529.990	06	08	1012			CHINA N.R.		BC		A3E							248	D	11	
KOR	CRMS	13530.000	01	07	0414	0414	10.2		CHN	BC	13K4	A3E									11	
ROU	BELCIUGATELE	13530.000	18	07	1320	1350	48.1	SOH Xi WANG Zhi Sherig	CHN	BC	9K00	A3E							68	A		Chinese language
J	TOKYO	13530.000	23	07	2350				CHN	BC		A3E	118	E	42	26	N	31	250	A		
KOR	CRMS	13530.000	05	08	0418	0418	-12.0		CHN	BC	14K9	A3E									11	
INS	MSCK-TANGERANG	13530.000	08	08	0535	0538	39.7			BC	9K00E	A3E										
J	TOKYO	13530.000	14	08	0747			CHINA N.R.		BC		A3E							322	D	11	
J	TOKYO	13530.000	20	08	0610					BC		A3E										
J	TOKYO	13530.000	27	08	0417			CHINA N.R.		BC		A3E									11	
J	TOKYO	13530.000	03	09	0132			CHINA N.R.		BC		A3E							298	D	11	
KOR	CRMS	13530.000	03	09	0614	0614	3.2		CHN	BC	14K8	A3E									11	
J	TOKYO	13530.000	09	09	2349					BC		A3E							290	D		
RUS	SAMARA	13530.000	12	09	1530	1630	48.0		CHN	BC	10K0	A3E							96	A		
J	TOKYO	13530.000	25	09	0745			CHINA N.R.		BC		A3E							246	D	11	
KOR	CRMS	13530.000	26	09	0633	0633	42.8		CHN	BC	14K7	A3E									11	
J	TOKYO	13530.030	03	09	0132			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13530.030	18	09	1000			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13539.900	03	09	0133														351	D		
J	TOKYO	13549.930	02	07	0601			SOUND OF HOPE		BC		A3E	120	E	27	23	N	16	240	B	11	
J	TOKYO	13549.930	09	07	0421			SOUND OF HOPE		BC		A3E							237	C	11	
J	TOKYO	13549.930	27	08	0418			SOUND OF HOPE		BC		A3E	120	E	59	23	N	40	240	B	11	TAIWAN
J	TOKYO	13549.940	17	07	0140			SOUND OF HOPE		BC		A3E	121	E	21	24	N	15	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	13549.940	03	09	0139			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13549.940	25	09	0747			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13549.950	23	07	2354			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	13549.950	18	09	1001			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13549.960	06	08	1018			SOUND OF HOPE		BC		A3E	121	E	08	24	N	07	241	A	11	TAIWAN
J	TOKYO	13549.960	20	08	0613			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13558.000	02	07	0602				RUS			F1B	137	E	01	50	N	41	352	A		
G	BALDOCK	13558.000	12	07					RUS	FX	250HE	F1B							26	C		
J	TOKYO	13558.000	24	07	0005							F1B							322	D		
J	TOKYO	13558.000	03	09	0140							F1B							352	D		
J	TOKYO	13558.000	09	09	2352							F1B							352	D		
J	TOKYO	13558.000	18	09	1002				RUS			F1B	137	E	16	50	N	34	352	B		
J	TOKYO	13558.000	25	09	0752				RUS			F1B	136	E	41	50	N	30	352	A		
J	TOKYO	13561.100	02	07	0603														260	D		
J	TOKYO	13569.990	09	07	0424			HLL2				F3C							276	D		
J	TOKYO	13569.990	25	09	0754			HLL2				F3C							277	D		
J	TOKYO	13570.000	17	07	0142			HLL2				F3C	127	E	21	36	N	09	275	A		
INS	MSKH-KUPANG	13570.000	06	08	0425	0442	46.3		CHN	BC	9K00E	A3E										
J	TOKYO	13570.000	14	08	0751			HLL2				F3C										
ROU	BELCIUGATELE	13570.000	19	08	1200	1230	47.4	China Radio International	CHN	BC	9K00	A3E							71	A		Korean language
J	TOKYO	13570.000	27	08	0419			HLL2				F3C	128	E	50	36	N	09	277	B		
KOR	CRMS	13570.000	06	09	0721	0721	-8.0		CHN	BC	14K9	A3E									6	
ROU	BELCIUGATELE	13575.000	08	08	1245	1315	63.0	China Radio International	CHN	BC	9K00	A3E							70	A		Russian language
RUS	SAMARA	13575.000	12	09	1200	1230	60.0		CHN	BC	10K0	A3E	085	E	31	43	N	53	97	A		
RUS	S. PETERSBURG	13575.000	12	09	1225	1235	79.0	China Radio Int.	CHN	BC	10K7	A3E	087	E	35	43	N	48	89	B		
RUS	ARKHANGELSK	13575.000	12	09	1225	1235	59.0	China Radio Int.	CHN	BC	10K7	A3E	087	E	35	43	N	48	106	B		
RUS	BELGOROD	13575.000	12	09	1255	1257	57.1		CHN	BC	10K5	A3E	086	E	54	44	N	09	81	B		
ROU	BELCIUGATELE	13580.000	22	07	1240	1310	55.5	R.Free Asia	TJK	BC	9K00	A3E							70	A		Tibetan language
INS	MSPA-SAMARINDA	13580.000	02	08	1017	1018	33.8		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	13580.000	05	08	0848	0849	31.9		CHN	BC	3K00E	A3E							0			
RUS	SMOLENSK	13580.000	12	09	0530	0630	24.0		KWT	BC	2K99	A3E	047	E	32	29	N	02	150	B		
RUS	ARKHANGELSK	13580.000	12	09	0845	0852	4.0		S	FX		G1D							253	B		
RUS	S. PETERSBURG	13580.000	12	09	0845	0852	24.0		S	FX	3K27	G1D							258	B		
KOR	CRMS	13590.000	25	07	0421	0421	61.6		CHN	BC	14K1	A3E									6	
J	TOKYO	13590.000	05	09	0300			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	13590.000	12	09	0418	0418	55.4		USA	BC	14K9	A3E									6	
INS	MSWR-MERAUKE	13600.000	04	07	0000	2400	25.2		J	BC	9K00	A3E										
ROU	BELCIUGATELE	13600.000	15	07	1315	1345	54.4	China Radio International	CHN	BC	9K00	A3E							71	A		Russian language
ROU	BELCIUGATELE	13600.000	14	08	1200	1230	49.7	China Radio International	CHN	BC	9K00	A3E							72	A		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
I	ROMA	13600.000	04	09	0907		20.0	NIPPON HOSO KYOKAI	J	BC	9K00E	A3E							40	A		
RUS	BELGOROD	13600.000	12	09	0530	0535	43.0		F	BC	8K30	A3E	000	E	44	45	N	59	273	B		
RUS	SAMARA	13600.000	12	09	1200	1230	52.0		CHN	BC	10K0	A3E	107	E	29	32	N	41	97	A		
RUS	SAMARA	13600.000	12	09	1300	1330	57.0		CHN	BC	10K0	A3E	087	E	16	43	N	11	133	A		
RUS	BELGOROD	13600.000	12	09	1304	1310	56.9		CHN	BC	10K6	A3E	107	E	13	35	N	47	78	B		
I	ROMA	13605.000	14	08	1959	2058	35.0	R.MARTI	USA	BC	9K00E	A3E										SPA
ROU	BELCIUGATELE	13610.000	05	07	0716	0745	72.4	KBS World Radio	G	BC	10K0	A3E							302	A		Woofferton Korean language
ROU	BELCIUGATELE	13610.000	25	07	0750	0820	65.1	KBS WORLD RADIO	G	BC	9K00	A3E							301	A		Korean language
I	ROMA	13610.000	31	07	0731		56.0	KOREAN BROADCASTING	G	BC	9K00E	A3E							320	A		
INS	MSKH-KUPANG	13610.000	06	08	0400	0410	41.4		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13610.000	08	08	0540	0543	40.9		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	13610.000	13	08	0941	0949			CHN	BC	6K00E	A3E										
INS	MSTM-MEDAN	13610.000	14	08	0335	0341	18.2		CHN	BC	6K00	A3E										
INS	MSTM-MEDAN	13610.000	15	08	1125	1131			CHN	BC	6K00	A3E										
INS	MSKH-KUPANG	13610.000	23	08	0523	0550	35.4		CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	13610.000	29	08	0729	0800	73.6	KBS World Radio	G	BC	10K0	A3E							304	A		Woofferton Korean language
INS	MSPA-SAMARINDA	13610.000	29	08	0910	0915	66.2		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13610.000	11	09	0350	0355	46.1		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	13610.000	12	09	0158	0204	30.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13610.000	12	09	0223	0228	45.2		CHN	BC	9K00E	A3E										
RUS	BELGOROD	13610.000	12	09	1300	1304	68.9		ROU	BC	9K80	A3E	025	E	52	44	N	04	232	B		
RUS	SAMARA	13610.000	12	09	1300	1330	49.0		ROU	BC	10K0	A3E	026	E	23	45	N	11	252	A		
INS	MSKH-KUPANG	13610.000	13	09	0621	0629	66.1		CHN	BC	10K0	A3E										
INS	MSKH-KUPANG	13610.000	17	09	0530	0600	29.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13610.000	18	09	0859	0900	59.0		CHN	BC	9K00E	A3E										
I	ROMA	13614.000	10	07	1612		33.0	OTH RADAR			16K0E								48	A		
INS	MSPA-SAMARINDA	13630.000	21	07	0128	0130	20.5		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	13630.000	21	07	0137	0139	23.2		CHN	BC	9K00E	A3E							0			
INS	MSTM-MEDAN	13630.000	23	07	0940	0941	17.0		CHN	BC	12K0	A3E										CNR 2-CHINA BUSINESS RADIO
INS	MSTM-MEDAN	13630.000	24	07	1046	1049	19.0		CHN	BC	12K0	A3E										CNR 2-CHINA BUSINESS RADIO
INS	MSKH-KUPANG	13630.000	01	08	0600	0602	38.2		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	13630.000	06	08	0410	0425	41.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13630.000	08	08	0542	0545	40.0		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	13630.000	14	08	0342	0344	32.0		CHN	BC	6K00	A3E										
INS	MSWR-MERAUKE	13630.000	21	08	1237	1250	24.7		CHN	BC	9K00	A3E										
KOR	CRMS	13630.000	06	09	0721	0721	-8.0	CNR	CHN	BC	14K9	A3E									3	
INS	MSCK-TANGERANG	13630.000	12	09	0148	0151	56.4		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	13630.000	12	09	0227	0232	48.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	13630.000	13	09	0630	0635	61.7		CHN	BC	10K0	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	13630.000	17	09	0530	0600	25.8		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13630.000	18	09	0857	0858	65.2		CHN	BC	9K00E	A3E										
ROU	BELCIUGATELE	13635.000	04	07	1007	1048	84.7	Voice of Turkey	TUR	BC	10K0	A3E							135	A		Emirler Turkish language
ROU	BELCIUGATELE	13635.000	05	07	0646	0729	85.6	Voice of Turkey	TUR	BC	10K0	A3E							134	A		Emirler Turkish language
ROU	BELCIUGATELE	13635.000	15	07	1030	1100	79.8	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Turkish language
I	ROMA	13635.000	17	07	0912		23.0	TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
I	ROMA	13635.000	31	07	0734		39.0	TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
ROU	BELCIUGATELE	13635.000	08	08	1240	1310	69.6	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Turkish language
ROU	BELCIUGATELE	13635.000	29	08	0804	0839	60.2	Voice of Turkey	TUR	BC	10K0	A3E							136	A		Emirler Turkish language
I	ROMA	13635.000	04	09	0911			TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
RUS	ARKHANGELSK	13635.000	12	09	0750	0820	32.0		TUR	BC		A3E							200	B		
RUS	S. PETERSBURG	13635.000	12	09	0750	0820	47.0		TUR	BC	9K74	A3E							182	B		
I	ROMA	13635.000	17	09	0809		28.0	TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
ROU	BELCIUGATELE	13635.000	26	09	1200	1230	73.3	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Turkish language
I	ROMA	13635.000	30	09	0801		42.0	TURKISH RADIO	TUR	BC	10K0E	A3E							92	A		
ROU	BELCIUGATELE	13635.000	30	09	0840	0910	82.6	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Turkish language
KOR	CRMS	13640.000	09	07	0656	0656	5.8		CHN	BC	14K6	A3E									6	
INS	MSKH-KUPANG	13645.000	01	08	0605	0607	22.3		CHN	BC	9K00E	A3E										
F	RAMBOUILLET	13650.000	01	07	1300	1450	23.0	VOICE OF KOREA			10K0	A3EG -								A		
KOR	CRMS	13650.000	02	07	0630	0630	31.9	KCB	KRE	BC	11K8	A3E									3	
I	ROMA	13650.000	10	07	1614	1630	44.0			BC	10K0E	A3E							103	A		RUSSIAN LANGUAGE
I	ROMA	13650.000	10	07	1631		44.0	RADIO SLOVAKIA INTER		BC	10K0E	A3E							103	A		
KOR	CRMS	13650.000	01	08	0410	0410	-1.7	KCB	KRE	BC	14K8	A3E									3	
INS	MSKH-KUPANG	13650.000	01	08	0609	0612	26.2		KRE	BC	9K00E	A3E										
KOR	CRMS	13650.000	03	09	0616	0616	-1.6	KCB	KRE	BC	14K8	A3E									3	
RUS	BELGOROD	13650.000	12	09	1310	1316	72.6		CHN	BC	10K5	A3E	086	E	54	44	N	09	81	B		
RUS	SMOLENSK	13650.000	13	09	0730	0830	30.0		CHN	BC	2K99	A3E	108	E	42	34	N	18	84	B		
RUS	S. PETERSBURG	13650.000	13	09	1350	1400	69.0		CHN	BC	10K7	A3E	087	E	35	43	N	48	89	B		
F	RAMBOUILLET	13655.000	01	07	0830	0900	21.0	VOICE OF TURKEY			10K0	A3EG -								A		
INS	MSWR-MERAUKE	13655.000	04	07	0103	0107	24.5		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	13655.000	29	07	0119	0121			CHN	BC	9K00E	A3E	108	E	36	34	N	22				
RUS	BELGOROD	13655.000	13	09	0845	0900	41.0		TUR	BC	8K60	A3E	032	E	55	39	N	40	194	B		
INS	MSKH-KUPANG	13660.000	02	08	0707	0710	15.4		F	BC	9K00E	A3E										
RUS	BELGOROD	13660.000	13	09	0705	0720	16.0		F	BC	9K00	A3E	000	E	23	45	N	14	272	B		
RUS	ARKHANGELSK	13660.000	13	09	0715	0725	2.0		F	BC	16K8	A3E							247	B		
RUS	S. PETERSBURG	13660.000	13	09	0715	0725	31.0		F	BC	16K8	A3E							244	B		
RUS	SAMARA	13660.000	13	09	1915	2030	32.0		CHN	BC	10K0	A3E	074	E	46	39	N	24	119	A		
F	RAMBOUILLET	13670.000	01	07	0700	1500	22.0	CNR 6			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	13670.000	01	07	1300	1400	41.0	CRI			10K0	A3EG								A		
ROU	BELCIUGATELE	13670.000	04	07	1016	1048	30.8	PBS Xinjiang		BC	5K70	A3E							73	A		Urumqi Uyghur language
INS	MSPA-SAMARINDA	13670.000	05	07	0932	0933	31.7		CHN	BC	3K00E	A3E							0			China Radio International 6
KOR	CRMS	13670.000	10	07	0010	0010	-0.4		CHN	BC	14K9	A3E									6	
INS	MSTM-MEDAN	13670.000	23	07	0941	0942	19.0		CHN	BC	12K0	A3E										CNR 6
INS	MSTM-MEDAN	13670.000	24	07	1049	1050	20.0		CHN	BC	12K0	A3E										CNR 6
INS	MSKH-KUPANG	13670.000	02	08	0711	0713	20.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13670.000	08	08	0544	0548	46.0		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	13670.000	16	08	1015	1020			CHN	BC	6K00	A3E										
INS	MSPA-SAMARINDA	13670.000	03	09	0815	0816	31.7		CHN	BC	3K00E	A3E							0			
INS	MSKH-KUPANG	13670.000	13	09	0636	0642	60.6		CHN	BC	10K0	A3E										
RUS	SMOLENSK	13670.000	13	09	0730	0830	28.0		CHN	BC	2K99	A3E	086	E	41	44	N	51	83	B		
INS	MSCK-TANGERANG	13670.000	13	09	1103	1105	32.0		CHN	BC	9K00E	A3E										
RUS	S. PETERSBURG	13670.000	13	09	1205	1215	42.0		CHN	BC	16K8	A3E	087	E	35	43	N	48	89	B		
RUS	ARKHANGELSK	13670.000	13	09	1205	1215	18.0		CHN	BC	16K9	A3E	087	E	35	43	N	48	105	B		
RUS	SAMARA	13670.000	13	09	1915	1955	32.0		ARS	BC	10K0	A3E	038	E	32	26	N	23	202	A		
INS	MSKH-KUPANG	13670.000	17	09	0158	0202	30.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	13670.000	17	09	0530	0600	20.3		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13670.000	18	09	0856	0856	61.3		CHN	BC	9K00E	A3E										
KOR	CRMS	13670.000	25	09	0146	0146	30.1		CHN	BC	14K7	A3E									6	
KOR	CRMS	13680.000	03	07	0143	0143	-4.2		CHN	BC	14K8	A3E									6	
KOR	CRMS	13680.000	08	08	0416	0416	17.8		CHN	BC	13K9	A3E									6	
KOR	CRMS	13680.000	09	09	0458	0458	8.8		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	13680.000	13	09	1107	1108	44.9		CHN	BC	9K00E	A3E										
RUS	SAMARA	13685.000	13	09	0700	0750	28.0		TUR	BC	10K0	A3E	033	E	56	40	N	53	228			
RUS	BELGOROD	13685.000	13	09	0700	0720	46.0		TUR	BC	10K0	A3E	033	E	12	40	N	29	194	B		
RUS	S. PETERSBURG	13685.000	13	09	0735	0745	36.0		TUR	BC		A3E							177	B		
RUS	ARKHANGELSK	13685.000	13	09	0735	0745	3.0		TUR	BC		A3E							193	B		
ROU	BELCIUGATELE	13690.000	05	07	0624	0658	50.2	Radio New Zealand INT	NZL	BC	2K20	A3E							264	B		Rangitaiki English language
I	ROMA	13690.000	17	09	0812		20.0	RADIO NEW ZEALAND	NZL	BC	10K0	A3E							81	A		
I	ROMA	13690.000	27	09	0440		32.0	OTH RADAR		FX	15K0E								47	A	3	
I	ROMA	13690.000	30	09	0803		32.0	RADIO NEW ZEALAND	NZL	BC	15K0E	A3E							81	A		
F	RAMBOUILLET	13695.000	01	07	0700	0800	27.0	RFI			10K0	A3EG								A		
ROU	BELCIUGATELE	13695.000	05	07	0706	0741	56.0	Radio France International	F	BC	10K0	A3E							292	A		Issoudun French language
I	ROMA	13695.000	31	07	0737		34.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
INS	MSKH-KUPANG	13695.000	02	08	0714	0716	15.0		F	BC	9K00E	A3E										
RUS	ARKHANGELSK	13695.000	13	09	0745	0755	2.0		F	BC	15K9	A3E							248	B		
RUS	S. PETERSBURG	13695.000	13	09	0745	0755	24.0		F	BC	15K8	A3E							239	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	SMOLENSK	13700.000	13	09	0730	0830	33.0		CHN	BC	2K99	A3E	118	E	54	29	N	57	77	B		
RUS	BELGOROD	13700.000	13	09	1000	1010	15.5		CHN	BC	10K0	A3E	114	E	27	38	N	27	71	B		
RUS	SAMARA	13700.000	13	09	1050	1200	37.0		CHN	BC	10K0	A3E	091	E	13	35	N	53	104			
INS	MSCK-TANGERANG	13700.000	13	09	1115	1118	39.8		CHN	BC	9K00E	A3E										
F	RAMBOUILLET	13710.000	02	07	1400	1600	51.0	CRI			10K0	A3EG								A		
RUS	ARKHANGELSK	13710.000	13	09	1405	1415	50.0		CHN	BC	8K60	A3E	075	E	43	39	N	24	125	B		
RUS	S. PETERSBURG	13710.000	13	09	1405	1415	77.0		CHN	BC	9K50	A3E	075	E	43	39	N	24	105	B		
ROU	BELCIUGATELE	13720.000	15	07	1345	1415	67.5	R.Free Asia	TJK	BC	9K00	A3E							88	A		Tibetan language
ROU	BELCIUGATELE	13720.000	07	08	1315	1345	61.5	R.Free Asia	TJK	BC	9K00	A3E							87	A		Tibetan language
INS	MSTM-MEDAN	13720.000	16	08	0608	0610			CHN	BC	6K00E	A3E										
RUS	SAMARA	13720.000	13	09	1100	1300	24.0		CHN	BC	10K0	A3E	098	E	31	32	N	07	102			
ROU	BELCIUGATELE	13720.000	24	09	1330	1400	49.3	R. Free Asia	TJK	BC	9K00	A3E							88	A		Tibetan language
J	TOKYO	13720.500	02	07	0611							F1B							318	D		
I	ROMA	13725.000	10	07	1635		67.0	RADIO TURCHIA	TUR	BC	10K0E	A3E							92	A		SPANISH LANGUAGE
I	ROMA	13730.000	03	07	0938		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
INS	MSTM-MEDAN	13730.000	19	08	1047	1049			CHN	BC	6K00E	A3E										
I	ROMA	13730.000	04	09	0913		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
RUS	BELGOROD	13740.000	13	09	0610	0630	19.0		F	BC	9K60	A3E	004	E	28	48	N	07	275	B		
KOR	CRMS	13750.000	01	07	0416	0416	-6.2		THA	BC	14K0	A3E									6	
KOR	CRMS	13750.000	08	07	0418	0418	9.2		CHN	BC	14K1	A3E									6	
KOR	CRMS	13750.000	11	07	0422	0422	27.6		KWT	BC	14K8	A3E									6	
F	RAMBOUILLET	13755.000	03	07	0900	1600	43.0	VOICE OF AMERICA			10K0	A3EG								A		
KOR	CRMS	13760.000	02	07	0631	0631	19.8	KCB	KRE	BC	14K7	A3E									3	
F	RAMBOUILLET	13760.000	03	07	1300	1800	31.0	CRI			10K0	A3EG								A		
KOR	CRMS	13760.000	04	07	0552	0552	-11.8	CRI	CHN	BC	15K0	A3E									3	
INS	MSWR-MERAUKE	13760.000	10	07	0000	2400	20.0		KRE	BC	9K00	A3E										
I	ROMA	13760.000	10	07	1636		57.0	R CHINA INTERNATIONA	CHN	BC	10K0E	A3E							65	A		ENG
KOR	CRMS	13760.000	01	08	0411	0411	6.0	CRI	CHN	BC	14K8	A3E									3	
KOR	CRMS	13760.000	02	08	0603	0603	2.5	KCB	KRE	BC	14K8	A3E									3	
KOR	CRMS	13760.000	03	09	0620	0620	-1.5	KCB	KRE	BC	15K0	A3E									3	
KOR	CRMS	13760.000	05	09	0425	0425	-4.3	CRI	CHN	BC	14K9	A3E									3	
INS	MSCK-TANGERANG	13760.000	13	09	1120	1123	40.1		MDG	BC	9K00E	A3E										
RUS	SAMARA	13760.000	13	09	1710	1800	28.0		CHN	BC	10K0	A3E	074	E	30	38	N	51	130			
F	RAMBOUILLET	13770.000	03	07	0605	1800	30.0	CNR 7 RADIO THE GREAT BAY			10K0	A3EG								A		
INS	MSWR-MERAUKE	13770.000	04	07	0107	0123	23.2		CHN	BC	9K00	A3E										
INS	MSWR-MERAUKE	13770.000	11	07	0147	0200	19.3		CHN	BC	9K00	A3E										
INS	MSTM-MEDAN	13770.000	23	07	0943	0944	20.0		CHN	BC	12K0	A3E										CNR 7 RADIO THE GREAT BAY
INS	MSCK-TANGERANG	13770.000	29	07	0124	0128			CHN	BC	9K00E	A3E	075	E	42	39	N	21				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	13770.000	06	08	0442	0450	11.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	13770.000	03	09	1257	1258	50.9		CHN	BC	9K00E	A3E	108	E	36	34	N	22				
RUS	BELGOROD	13770.000	13	09	0620	0625	16.0		CHN	BC	10K0	A3E	075	E	10	38	N	35	100	B		
RUS	SMOLENSK	13770.000	13	09	0730	0830	30.0		CHN	BC	2K99	A3E	075	E	41	38	N	28	99	B		
RUS	NOVOSIBIRSK	13770.000	13	09	0930	1000	36.0		CHN	BC	10K9	A3E	076	E	12	39	N	39	200	A		
RUS	ARKHANGELSK	13770.000	13	09	0940	0950	22.0		CHN	BC		A3E							122	B		
RUS	S. PETERSBURG	13770.000	13	09	0940	0950	33.0		CHN	BC		A3E							105	B		
RUS	SAMARA	13770.000	13	09	1020	1100	30.0		KAZ	BC	10K0	A3E	065	E	57	45	N	28	120			
INS	MSCK-TANGERANG	13770.000	13	09	1124	1127	38.5		CHN	BC	9K00E	A3E										
I	ROMA	13770.000	27	09	0442		24.0		CHN	BC	10K0	A3E							71	A		CHINESE
INS	MSTM-MEDAN	13780.000	23	07	0944	0946	17.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSCK-TANGERANG	13780.000	13	09	1129	1133	36.7		CHN	BC	9K00E	A3E										
KOR	CRMS	13790.000	01	07	0416	0416	-7.7		CHN	BC	14K9	A3E									6	
F	RAMBOUILLET	13790.000	03	07	1500	1800	24.0	CRI			10K0	A3EG								A		
INS	MSWR-MERAUKE	13790.000	11	07	0646	0708	22.0		CHN	BC	9K00	A3E										
KOR	CRMS	13790.000	01	08	0437	0437	-1.4		CHN	BC	14K7	A3E									6	
INS	MSCK-TANGERANG	13790.000	28	08	0123	0124	53.5		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
KOR	CRMS	13790.000	03	09	0621	0621	-9.7		CHN	BC	15K0	A3E									6	
INS	MSCK-TANGERANG	13790.000	13	09	1134	1139	38.6		ALG	BC	9K00E	A3E										
RUS	SAMARA	13790.000	13	09	1720	1800	32.0		CHN	BC	10K0	A3E	074	E	03	38	N	22	120	A		
I	ROMA	13800.000	04	09	0916		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
KOR	CRMS	13805.000	03	07	0145	0145	-9.1		CHN	BC	14K9	A3E									6	
INS	MSPA-SAMARINDA	13805.000	08	07	0358	0401			CHN	BC	9K00E	A3E	120	E	42	24	N	23		B	11	SOH XI WANG ZHI SHENG
KOR	CRMS	13805.000	24	07	0206	0206	28.4		CHN	BC	12K0	A3E									6	
KOR	CRMS	13805.000	01	08	0437	0437	-8.4		CHN	BC	14K9	A3E									6	
KOR	CRMS	13805.000	09	09	0459	0459	-8.5		CHN	BC	14K9	A3E									6	
J	TOKYO	13810.000	02	07	0616			CHINA N.R.		BC		D7W							264	D		
J	TOKYO	13810.000	09	07	0429														271	D		
J	TOKYO	13810.000	06	08	1022			CHINA N.R.		BC		D7W										
RUS	BELGOROD	13810.000	13	09	0625	0630	21.0		G	BC	6K50	A3E	002	W	44	51	N	49	289	B		
RUS	SAMARA	13810.000	13	09	1915	1955	37.0		KGZ	BC	10K0	A3E	073	E	04	40	N	41	120	A		
J	TOKYO	13810.000	18	09	1003			CHINA N.R.		BC		D7W							264	D		
J	TOKYO	13825.000	27	08	0424			CHINA N.R.		BC		D7W	116	E	25	39	N	34	289	B		
ROU	BELCIUGATELE	13825.000	29	08	1021	1029	28.0	Radio Taiwan International	CHN	BC	3K40	A3E							69	A		Paochung Cantonese language
J	TOKYO	13825.200	02	07	0620			CHINA N.R.		BC		D7W							289	C		
J	TOKYO	13825.300	03	09	0146			CHINA N.R.		BC		D7W							290	C		
J	TOKYO	13825.320	09	07	0431				CHN				119	E	10	38	N	21	290	A		
INS	MSKH-KUPANG	13840.000	17	09	0209	0212	20.0		CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	13850.000	29	08	0915	0920	64.5		CHN	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
RUS	S. PETERSBURG	13850.000	16	09	0900	0910	33.0		CHN	BC		A3E							71	B		
RUS	ARKHANGELSK	13850.000	16	09	0900	0910	21.0		CHN	BC		A3E							82	B		
RUS	BELGOROD	13855.000	16	09	1300	1340	50.0		UZB	BC	8K30	A3E	069	E	29	41	N	06	100	B		
ROU	BELCIUGATELE	13860.000	03	07	1115	1157	49.3	China Radio International	CHN	BC	10K0	A3E							62	A		Beijing Russian language
ROU	BELCIUGATELE	13860.000	04	07	1103	1145	43.6	China Radio International	CHN	BC	10K0	A3E							62	A		Beijing Russian language
KOR	CRMS	13860.000	09	07	0657	0657	14.2		J	BC	15K0	A3E									6	
RUS	S. PETERSBURG	13860.000	16	09	0720	0730	18.0		J	BC		A3E							56	B		
INS	MSKH-KUPANG	13860.000	18	09	0700	0705	57.0		J	BC	10K0	A3E										
INS	MSCK-TANGERANG	13860.000	18	09	0852	0853	61.9		J	BC	9K00E	A3E										
ROU	BELCIUGATELE	13860.000	24	09	1125	1155	61.2	China Radio International	CHN	BC	9K00	A3E							62	A		Russian language
INS	MSCK-TANGERANG	13870.000	01	07	0910	0912	44.8	RADIO SOH XI WANG ZHI SHENG	CHN	MS	9K00E	A3E										
INS	MSCK-TANGERANG	13870.000	08	07	1011	1012	10.3		INS	MS	2K70E	J3E										
J	TOKYO	13870.000	09	07	0435				KRE			F1B	125	E	52	39	N	52	295	A		
INS	MSPA-SAMARINDA	13870.000	21	07	0213	0218	30.8		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	13870.000	21	07	0256	0310	15.2		CHN	BC	9K00E	A3E							0			
I	ROMA	13870.000	01	08	0629		10.0			FX	1K00E	F1B							39	A		
INS	MSCK-TANGERANG	13870.000	06	08	0921	0924	54.2		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	13870.000	16	08	0632	0634			PHL	BC	6K00E	A3E										
RUS	SMOLENSK	13870.000	14	09	1130	1230	30.0		CHN	BC	2K99	A3E	120	E	42	24	N	23	114	B		
J	TOKYO	13870.040	20	08	0620				USA			F1B	119	W	00	38	N	53	52	A		
INS	MSKH-KUPANG	13874.000	11	07	0313	0317	25.6	COAST STATION	J	FC	100HE	A1A							14			
INS	MSCK-TANGERANG	13875.000	12	08	0349	0352	50.3		INS	MS	2K70E	J3E										
ROU	BELCIUGATELE	13882.500	29	08	1026	1054	53.1	Data Morse Code		FX	5K00	A3E							318	A		Data Morse Code
RUS	BELGOROD	13882.500	16	09	1325	1335	20.0		D	FX	3K00	F1C	009	E	47	53	N	38	291	B		
RUS	ARKHANGELSK	13882.900	16	09	0700	0720	4.0		G	FX	1K57	A7D							260	B		
RUS	S. PETERSBURG	13882.900	16	09	0700	0720	28.0		G	FX	2K21	A7D							255	B		
INS	MSCK-TANGERANG	13884.500	09	07	0935	0936	10.2		INS	MS	2K70E	J3E										
J	TOKYO	13889.840	27	08	0429			SOUND OF HOPE		BC		A3E	119	E	29	26	N	00	247	B	11	TAIWAN
J	TOKYO	13889.840	03	09	0150			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13889.850	09	09	2359			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	13889.850	18	09	1016			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13889.870	06	08	1026			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	13889.880	20	08	0626			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13889.880	25	09	0802			SOUND OF HOPE		BC		A3E							246	D	11	
J	TOKYO	13889.900	14	08	0753			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13889.980	02	07	0622			SOUND OF HOPE		BC		A3E							241	C	11	
KOR	CRMS	13890.000	03	07	0146	0146	-13.0		CHN	BC	14K9	A3E									11	
KOR	CRMS	13890.000	06	08	0607	0607	-11.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	13890.000	04	09	0017	0017	-9.5		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
INS	MSCK-TANGERANG	13890.000	16	09	1031	1034	38.7		CHN	BC	9K00E	A3E										
I	ROMA	13900.000	15	07	0811				USA	FX	15K0E	G7D							306			TRADING HF
J	TOKYO	13919.950	18	09	1019			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	13919.960	25	09	0804			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13919.970	06	08	1028			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13919.970	20	08	0630			SOUND OF HOPE		BC		A3E									11	
INS	MSCK-TANGERANG	13920.000	01	07	0300	0730	25.0		CHN	BC	6K00	A3E							330			
KOR	CRMS	13920.000	01	07	0417	0417	-1.8		CHN	BC	14K5	A3E									11	
J	TOKYO	13920.000	02	07	0625			CHINA N.R.		BC		A3E							248	C	11	
J	TOKYO	13920.000	09	07	0440				CHN	BC		A3E	119	E	39	26	N	20	248	A		
J	TOKYO	13920.000	17	07	0147			SOUND OF HOPE		BC		A3E	120	E	46	24	N	04	240	B	11	TAIWAN
KOR	CRMS	13920.000	19	07	0739	0739	23.3		CHN	BC	14K8	A3E									11	
INS	MSPA-SAMARINDA	13920.000	21	07	0202	0205	10.9		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	13920.000	21	07	0910	0914	34.3		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	13920.000	21	07	1158	1201	13.0		CHN	BC	9K00E	A3E							0			
INS	MSKH-KUPANG	13920.000	26	07	0459	0501	30.0		CHN	BC	2K80E	A3E									11	
INS	MSCK-TANGERANG	13920.000	29	07	0129	0132			CHN	BC	9K00E	A3E	120	E	42	24	N	23				
KOR	CRMS	13920.000	01	08	0517	0517	-7.0		CHN	BC	14K9	A3E									11	
J	TOKYO	13920.000	27	08	0435			CHINA N.R.		BC		A3E	119	E	13	26	N	57	250	B	11	
INS	MSPA-SAMARINDA	13920.000	29	08	0850	0855	36.6		CHN	BC	9K00E	A3E										
J	TOKYO	13920.000	03	09	0151			CHINA N.R.		BC		A3E							248	D	11	
KOR	CRMS	13920.000	04	09	0018	0018	22.2		CHN	BC	14K3	A3E									11	
RUS	ARKHANGELSK	13920.000	16	09	0910	0917	22.0		CHN	BC		A3E							106	B		
RUS	S. PETERSBURG	13920.000	16	09	0910	0917	30.0		CHN	BC		A3E							89	B		
INS	MSCK-TANGERANG	13920.000	16	09	1035	1038	33.4		CHN	BC	9K00E	A3E										
J	TOKYO	13920.000	18	09	1020			CHINA N.R.		BC		A3E							248	D	11	
KOR	CRMS	13920.000	25	09	0147	0147	28.9		CHN	BC	14K6	A3E									11	
INS	MSWR-MERAUKE	13940.000	10	07	1059	1120	23.1		INS	FX	2K40	J3E										
I	ROMA	13943.000	27	09	0451		19.0	OTH RADAR		FX									49	A	3	
J	TOKYO	13959.900	20	08	0636			SOUND OF HOPE		BC		A3E	121	E	22	24	N	10	240	A	11	TAIWAN
J	TOKYO	13959.910	02	07	0625			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	13959.910	17	07	0157			SOUND OF HOPE		BC		A3E	120	E	43	23	N	49	240	B	11	TAIWAN
J	TOKYO	13959.910	06	08	1032			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	13959.920	10	09	0004			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.920	18	09	1020			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	13959.930	27	08	0436			SOUND OF HOPE		BC		A3E	121	E	40	25	N	02	241	B	11	TAIWAN
J	TOKYO	13959.930	03	09	0152			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.930	25	09	0807			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	13959.940	24	07	0022			SOUND OF HOPE		BC		A3E							240	D	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSPA-SAMARINDA	13960.000	29	08	0920	0925	24.6		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	13960.000	18	09	0710	0715	57.0		CHN	BC	10K0	A3E										
J	TOKYO	13979.760	02	07	0626			SOUND OF HOPE		BC		A3E	106	E	43	47	N	55	307	B	11	
J	TOKYO	13979.760	06	08	1034			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	13979.770	27	08	0440			SOUND OF HOPE		BC		A3E	109	E	09	48	N	15	300	B	11	MNG
J	TOKYO	13979.780	25	09	0812			SOUND OF HOPE		BC		A3E	104	E	38	47	N	12	305	B	11	MNG
J	TOKYO	13979.790	14	08	0800			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13979.790	03	09	0153			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	13979.800	18	09	1021			SOUND OF HOPE		BC		A3E	106	E	28	47	N	41	307	B	11	MNG
INS	MSCK-TANGERANG	13980.000	16	09	1041	1045	40.1		CHN	BC	9K00E	A3E										
J	TOKYO	13985.000	14	08	0813							F1B							316	D		
J	TOKYO	13985.000	25	09	0814							F1B							318	D		
J	TOKYO	13988.480	10	09	0012							F3C										
INS	MSKH-KUPANG	13988.500	19	08	0345	0350	11.3		J	FX	100HE	F3C							15	A		
G	BALDOCK	14000.000	16	09				ZS6DN (PRETORIA)	AFS	FX	100HE	A1A							154	A		AMATEUR RADIO
J	TOKYO	14008.000	18	09	1032							F1B										
RUS	VERHNEYE DUBROVO	14074.200	16	09			25.0	IU8BPS	I	AT	52H0	F1B	015	E	00	40	N	30	261	B		
RUS	NYAGAN	14074.200	16	09			23.0	IU3MAG	I	AT	50H0	F1B	013	E	00	45	N	30	265	B		
RUS	VERHNEYE DUBROVO	14074.200	16	09			23.0	IU3MAG	I	AT	50H0	F1B	013	E	00	45	N	30	270	B		
RUS	NYAGAN	14074.300	16	09			17.0	OH1NHX	FIN	AT	50H0	F1B	021	E	00	61	N	30	288	B		
RUS	VERHNEYE DUBROVO	14074.300	16	09			27.0	OH1NHX	FIN	AT	50H0	F1B	021	E	00	61	N	30	300	B		
RUS	VERHNEYE DUBROVO	14074.300	16	09			22.0	PD1WO	HOL	AT	50H0	F1B	005	E	00	51	N	30	285	B		
RUS	NYAGAN	14074.300	16	09			21.0	YO9ILA	ROU	AT	50H0	F1B	027	E	00	44	N	30	249	B		
RUS	VERHNEYE DUBROVO	14074.300	16	09			21.0	YO9ILA	ROU	AT	50H0	F1B	027	E	00	44	N	30	255	B		
RUS	VERHNEYE DUBROVO	14074.400	16	09			25.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	281	B		
RUS	NYAGAN	14074.400	16	09			25.0	F1TRF	F	AT	51H0	F1B	007	E	00	49	N	30	276	B		
RUS	NYAGAN	14074.500	16	09			19.0	OE3FVU	AUT	AT	52H0	F1B	015	E	00	48	N	30	267	B		
RUS	VERHNEYE DUBROVO	14074.500	16	09			29.0	OE3FVU	AUT	AT	52H0	F1B	015	E	00	48	N	30	273	B		
RUS	VERHNEYE DUBROVO	14074.500	16	09			22.0	2E0YDT	G	AT	51H0	F1B	001	W	00	54	N	30	292	B		
RUS	VERHNEYE DUBROVO	14074.500	16	09			27.0	IZ0MEA	I	AT	50H0	F1B	013	E	00	42	N	30	266	B		
RUS	VERHNEYE DUBROVO	14074.500	16	09			25.0	HF1MM	POL	AT	50H0	F1B	015	E	00	53	N	30	283	B		
RUS	VERHNEYE DUBROVO	14074.500	16	09			32.0	S58MU	SVN	AT	50H0	F1B	015	E	00	46	N	30	270	B		
RUS	NYAGAN	14074.500	16	09			32.0	S58MU	SVN	AT	50H0	F1B	015	E	00	46	N	30	265	B		
RUS	VERHNEYE DUBROVO	14074.600	16	09			29.0	BH2UEZ	CHN	AT	52H0	F1B	121	E	00	38	N	30	89	B		
RUS	VERHNEYE DUBROVO	14074.700	16	09			23.0	IU2EBR	I	AT	52H0	F1B	011	E	00	45	N	30	272	B		
RUS	VERHNEYE DUBROVO	14074.900	16	09			27.0	BD0BK	CHN	AT	50H0	F1B	087	E	00	43	N	30	118	B		
RUS	VERHNEYE DUBROVO	14074.900	16	09			27.0	IK0MHW	I	AT	52H0	F1B	013	E	00	41	N	30	265	B		
RUS	NYAGAN	14074.900	16	09			17.0	IK0MHW	I	AT	52H0	F1B	013	E	00	41	N	30	261	B		
RUS	VERHNEYE DUBROVO	14075.000	16	09			23.0	EW3SS	BLR	AT	51H0	F1B	023	E	00	52	N	30	275	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	14075.000	16	09			23.0	OH3EYR	FIN	AT	51H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	14075.000	16	09			25.0	SV3SPD	GRC	AT	50H0	F1B	021	E	00	38	N	30	253	B		
RUS	NYAGAN	14075.100	16	09			17.0	F5SYC	F	AT	50H0	F1B	003	E	00	50	N	30	280	B		
RUS	VERHNEYE DUBROVO	14075.100	16	09			27.0	F5SYC	F	AT	50H0	F1B	003	E	00	50	N	30	285	B		
RUS	VERHNEYE DUBROVO	14075.100	16	09			25.0	SM5VSS	S	AT	50H0	F1B	017	E	00	59	N	30	295	B		
RUS	VERHNEYE DUBROVO	14075.200	16	09			22.0	F6HUK	F	AT	52H0	F1B	001	E	00	46	N	30	281	B		
RUS	VERHNEYE DUBROVO	14075.200	16	09			27.0	AP2MKS	PAK	AT	52H0	F1B	073	E	00	33	N	30	156	B		
RUS	VERHNEYE DUBROVO	14075.400	16	09			27.0	SV2FNT	GRC	AT	52H0	F1B	021	E	00	40	N	30	255	B		
RUS	VERHNEYE DUBROVO	14075.500	16	09			21.0	BH1HWF	CHN	AT	52H0	F1B	117	E	00	40	N	30	90	B		
RUS	NYAGAN	14075.500	16	09			25.0	UN7IN	KAZ	AT	52H0	F1B	057	E	00	50	N	30	205	B		
RUS	NYAGAN	14075.500	16	09			21.0	UN7PAK	KAZ	AT	52H0	F1B	073	E	00	50	N	30	157	B		
RUS	VERHNEYE DUBROVO	14075.500	16	09			21.0	UN7PAK	KAZ	AT	52H0	F1B	073	E	00	50	N	30	127	B		
RUS	VERHNEYE DUBROVO	14075.500	16	09			25.0	UN7IN	KAZ	AT	52H0	F1B	057	E	00	50	N	30	204	B		
RUS	NYAGAN	14075.500	16	09			28.0	SQ7RN	POL	AT	52H0	F1B	021	E	00	50	N	30	265	B		
RUS	VERHNEYE DUBROVO	14075.500	16	09			28.0	SQ7RN	POL	AT	52H0	F1B	021	E	00	50	N	30	272	B		
RUS	VERHNEYE DUBROVO	14075.600	16	09			23.0	F1PPH	F	AT	51H0	F1B	001	E	00	47	N	30	282	B		
RUS	VERHNEYE DUBROVO	14075.600	16	09			25.0	SM3VOX	S	AT	52H0	F1B	017	E	00	60	N	30	298	B		
RUS	VERHNEYE DUBROVO	14075.700	16	09			27.0	ON4QX	BEL	AT	52H0	F1B	005	E	00	50	N	30	284	B		
RUS	VERHNEYE DUBROVO	14075.700	16	09			27.0	OH1MP	FIN	AT	51H0	F1B	021	E	00	61	N	30	300	B		
RUS	NYAGAN	14075.700	16	09			19.0	9A7PBV	HRV	AT	52H0	F1B	017	E	00	45	N	30	262	B		
RUS	VERHNEYE DUBROVO	14075.700	16	09			29.0	9A7PBV	HRV	AT	52H0	F1B	017	E	00	45	N	30	267	B		
RUS	NYAGAN	14075.700	16	09			32.0	UN7JMK	KAZ	AT	50H0	F1B	083	E	00	49	N	30	134	B		
RUS	VERHNEYE DUBROVO	14075.700	16	09			32.0	UN7JMK	KAZ	AT	50H0	F1B	083	E	00	49	N	30	110	B		
RUS	VERHNEYE DUBROVO	14075.700	16	09			24.0	LY3TG	LTU	AT	52H0	F1B	021	E	00	55	N	30	284	B		
RUS	NYAGAN	14075.800	16	09			27.0	OH8AV	FIN	AT	50H0	F1B	025	E	00	65	N	30	299	B		
RUS	NYAGAN	14075.800	16	09			30.0	OH3OJ	FIN	AT	50H0	F1B	025	E	00	60	N	30	283	B		
RUS	VERHNEYE DUBROVO	14075.800	16	09			30.0	OH3OJ	FIN	AT	50H0	F1B	025	E	00	60	N	30	296	B		
RUS	VERHNEYE DUBROVO	14075.800	16	09			27.0	OH8AV	FIN	AT	50H0	F1B	025	E	00	65	N	30	312	B		
RUS	NYAGAN	14075.800	16	09			28.0	LY2AE	LTU	AT	51H0	F1B	025	E	00	54	N	30	268	B		
RUS	VERHNEYE DUBROVO	14075.800	16	09			28.0	LY2AE	LTU	AT	51H0	F1B	025	E	00	54	N	30	279	B		
RUS	VERHNEYE DUBROVO	14075.800	16	09			28.0	YO8XCM	ROU	AT	50H0	F1B	027	E	00	47	N	30	261	B		
RUS	VERHNEYE DUBROVO	14076.000	16	09			22.0	DL5GAC	D	AT	52H0	F1B	009	E	00	47	N	30	276	B		
RUS	VERHNEYE DUBROVO	14076.000	16	09			27.0	EA5UB	E	AT	52H0	F1B	001	E	00	38	N	30	271	B		
RUS	NYAGAN	14076.000	16	09			17.0	EA5UB	E	AT	52H0	F1B	001	E	00	38	N	30	269	B		
RUS	VERHNEYE DUBROVO	14076.100	16	09			27.0	EA3EP	E	AT	51H0	F1B	003	E	00	41	N	30	273	B		
RUS	VERHNEYE DUBROVO	14076.100	16	09			21.0	F6CAM	F	AT	52H0	F1B	003	E	00	50	N	30	285	B		
RUS	NYAGAN	14076.100	16	09			21.0	F6CAM	F	AT	52H0	F1B	003	E	00	50	N	30	280	B		
RUS	VERHNEYE DUBROVO	14076.100	16	09			23.0	MM0ABM	G	AT	50H0	F1B	005	W	00	55	N	30	292	B		
RUS	NYAGAN	14076.200	16	09			17.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	280	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	VERHNEYE DUBROVO	14076.200	16	09			27.0	DK3XX	D	AT	50H0	F1B	009	E	00	53	N	30	286	B		
RUS	VERHNEYE DUBROVO	14076.200	16	09			32.0	OH2XO	FIN	AT	50H0	F1B	025	E	00	60	N	30	296	B		
RUS	NYAGAN	14076.200	16	09			32.0	OH2XO	FIN	AT	50H0	F1B	025	E	00	60	N	30	283	B		
RUS	VERHNEYE DUBROVO	14076.200	16	09			29.0	SP3T	POL	AT	51H0	F1B	017	E	00	52	N	30	279	B		
RUS	VERHNEYE DUBROVO	14076.300	16	09			21.0	SV1EAG	GRC	AT	50H0	F1B	023	E	00	38	N	30	250	B		
RUS	VERHNEYE DUBROVO	14076.300	16	09			28.0	8J3ZNJ	J	AT	52H0	F1B	135	E	00	34	N	30	82	B		
RUS	VERHNEYE DUBROVO	14076.400	16	09			26.0	BH3APK	CHN	AT	52H0	F1B	117	E	00	38	N	30	92	B		
RUS	NYAGAN	14076.400	16	09			25.0	HA0DR	HNG	AT	50H0	F1B	021	E	00	47	N	30	260	B		
RUS	VERHNEYE DUBROVO	14076.400	16	09			25.0	HA0DR	HNG	AT	50H0	F1B	021	E	00	47	N	30	266	B		
G	BALDOCK	14100.000	08	07				VE8AT (INUVIK NT)	CAN	FX	100HE	A1A							341	A		AMATEUR HF BEACON
G	BALDOCK	14100.000	08	07				4X6TU (TEL AVIV)	ISR	FX	100HE	A1A							114	A		AMATEUR HF BEACON
G	BALDOCK	14100.000	08	07				CS3B (SAO JORGE)	POR	FX	100HE	A1A							219	A		AMATEUR HF BEACON
G	BALDOCK	14100.000	08	07				OA4B (LIMA)	PRU	FX	100HE	A1A							252	A		AMATEUR HF BEACON
G	BALDOCK	14100.000	08	07				4U1UN (UN)	USA	FX	100HE	A1A							288	A		AMATEUR HF BEACON
G	BALDOCK	14100.000	14	07				VK6RBP (ROLYSTONE)	AUS	FX	100HE	A1A							92	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				YV5B (CARACAS)	ARG	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				VK6RBP (ROLYSTONE)	AUS	FX	100HE	A1A							92	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				4S7B (COLOMBO)	CLN	FX	100HE	A1A							93	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				OH2B (LOHJA)	FIN	FX	100HE	A1A							49	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				4X6TU (TEL AVIV)	ISR	FX	100HE	A1A							114	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				5Z4B (NAIROBI)	KEN	FX	100HE	A1A							137	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				CS2B (SAO JORGE)	POR	FX	100HE	A1A							219	A		AMATEUR RADIO
G	BALDOCK	14100.000	16	09				4U1UN (NEW YORK)	USA	FX	100HE	A1A							288	A		AMATEUR RADIO
G	BALDOCK	14110.000	08	07				RRR9O (NOVOSIBIRSK)	RUS	FX	100HE	A1A							52	A		AMATEUR HF BEACON
G	BALDOCK	14145.000	02	07					RUS	RN	20K0E	P0N							69	A		
I	ROMA	14230.000	08	08	2355	2356	14.0	KB9***	USA	AT	2K70E	J3E										SSTV
I	ROMA	14230.000	09	08	0130	0132	15.0	KG5**	USA	AT	2K70E	J3E										SSTV
I	ROMA	14230.000	14	08	0020	0022	12.0	VA2***	CAN	AT	2K70E	J3E										SSTV
I	ROMA	14230.000	14	08	2220	2222	8.0	KD2***	USA	AT	2K70E	J3E										SSTV
I	ROMA	14230.000	14	08	2247	2249	6.0	KG5**	USA	AT	2K70E	J3E										SSTV
RUS	SMOLENSK	14239.000	17	09	0630	0730	30.0		CZE	AT	2K99	J3E	049	E	32	15	N	56	248			
INS	MSKH-KUPANG	14336.000	20	09	0640	0650	39.4		INS	MS	6K00E	J3E										
J	TOKYO	14369.970	17	07	0212			SOUND OF HOPE		BC		A3E	120	E	43	23	N	49	240	B	11	TAIWAN
INS	MSCK-TANGERANG	14370.000	01	07	0915	0917	49.8	RADIO SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	14370.000	02	07	0620	0626			CHN	BC	9K00E	A3E	120	E	42	24	N	23	180	B	11	SOH XI WANG ZHI SHENG
J	TOKYO	14370.000	02	07	0631			SOUND OF HOPE		BC		A3E							240	C	11	
INS	MSCK-TANGERANG	14370.000	02	07	0842	0845	54.3	RADIO SOH XI WANG ZHI SHENG	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	14370.000	03	07	0324	0330			CHN	BC	9K00E	A3E	120	E	42	24	N	23	180	B	11	SOH XI WANG ZHI SHENG

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	14370.000	03	07	0941	0943	44.1		CHN	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	04	07	0949	0952	39.7		CHN	BC	9K00E	A3E										SOH XI WZNG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	05	07	0000	2400	55.0		CHN	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	08	07	1014	1017	44.1		CHN	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	09	07	0938	0941	44.8		INS	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSPA-SAMARINDA	14370.000	10	07	0423	0429			CHN	BC	9K00E	A3E	120	E	42	24	N	23	180	B	11	SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	10	07	1052	1054	49.0		INS	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSPA-SAMARINDA	14370.000	13	07	0824	0828	31.8		CHN	BC	8K00E	A3E							0			
INS	MSCK-TANGERANG	14370.000	15	07	0934	0937	54.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	19	07	0348	0352	56.8		INS	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSPA-SAMARINDA	14370.000	21	07	0151	0153	18.7		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0201	0206	25.7		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0209	0225	29.8		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0210	0225	28.7		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0228	0233	32.9		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0258	0305	20.8		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0321	0336	27.5		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0408	0411	25.7		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0416	0418	12.2		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0554	0556	12.0		CHN	BC	9K00E	A3E							0			
INS	MSPA-SAMARINDA	14370.000	21	07	0715	0722	28.9		CHN	BC	9K00E	A3E							0			
INS	MSCK-TANGERANG	14370.000	22	07	0850	0853	45.7		CHN	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	23	07	0427	0430	67.9		CHN	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	24	07	0801	0804	52.0		INS	BC	9K00E	A3E										SOH XI WANG ZHI SHENG
INS	MSCK-TANGERANG	14370.000	05	08	0927	0930	59.8		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	06	08	0924	0929	55.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	12	08	1120	1124	50.3		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	13	08	0746	0749	56.4		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	15	08	0131	0144	51.8		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	16	08	0834	0939	47.5		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	19	08	0239	0245	49.7		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	26	08	1129	1135	44.1		CHN	BC	9K00E	A3E										
J	TOKYO	14370.000	27	08	0444			SOUND OF HOPE		BC		A3E	121	E	11	25	N	05	242	B	11	TAIWAN
INS	MSCK-TANGERANG	14370.000	28	08	0120	0121	34.5		CHN	BC	9K00E	A3E	120	E	42	24	N	23			11	
INS	MSCK-TANGERANG	14370.000	02	09	0251	0255	511.5			BC	9K00E	A3E										
J	TOKYO	14370.000	03	09	0203			SOUND OF HOPE		BC		A3E							240	C	11	
INS	MSCK-TANGERANG	14370.000	03	09	0300	0304	50.3		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	04	09	0305	0308	51.2		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	05	09	0310	0314	51.0		CHN	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
INS	MSCK-TANGERANG	14370.000	06	09	0220	0226	49.6		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	14370.000	09	09	0309	0313	48.6		CHN	BC	9K00E	A3E										
J	TOKYO	14370.000	10	09	0026			SOUND OF HOPE		BC		A3E							242	D	11	
INS	MSCK-TANGERANG	14370.000	10	09	0309	0312	49.8		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	14370.000	17	09	0628	0632	12.0		CHN	BC	9K00E	A3E									11	
J	TOKYO	14370.000	18	09	1034			SOUND OF HOPE		BC		A3E							241	D	11	
INS	MSKH-KUPANG	14370.000	19	09	0317	0321	14.4		CHN	BC	9K00E	A3E									11	
J	TOKYO	14370.000	25	09	0820			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14370.010	24	07	0037			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14374.950	14	08	0818							F1B										
J	TOKYO	14374.990	24	07	0042							F3C							167	D		
J	TOKYO	14383.960	18	09	1041							F1B							316	D		
J	TOKYO	14384.950	03	09	0205							A1A										
I	ROMA	14411.000	05	08	0603		10.0	1414BEBE952	RUS	FX	300HE	F1B							39	A		50 BD T600
ROU	BELCIUGATELE	14411.000	30	09	1256	1312	46.0	Data	RUS	FX	1K40	F1B							29	A		Telex
J	TOKYO	14428.000	18	09	1045							F1B							313	C		
J	TOKYO	14429.840	02	07	0641			SOUND OF HOPE		BC		A3E							240	D	11	TAIWAN
J	TOKYO	14429.850	27	08	0446			SOUND OF HOPE		BC		A3E	121	E	27	24	N	01	239	B	11	TAIWAN
J	TOKYO	14429.850	18	09	1046			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14429.850	25	09	0821			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14429.870	24	07	0046			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14429.870	20	08	0651			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14429.870	03	09	0207			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14429.870	10	09	0044			SOUND OF HOPE		BC		A3E	121	E	12	23	N	55	240	A	11	TAIWAN
J	TOKYO	14429.880	06	08	1041			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	14430.000	04	07	0554	0554	-15.7		CHN	BC	14K9	A3E									11	
KOR	CRMS	14430.000	22	08	0432	0432	18.5		CHN	BC	14K8	A3E									11	
KOR	CRMS	14430.000	09	09	0500	0500	-12.6		CHN	BC	15K0	A3E									11	
J	TOKYO	14434.290	09	07	0446							F1B							99	D		
J	TOKYO	14434.300	27	08	0448				USA			F1B	158	W	43	20	N	55	88	B		HWA
J	TOKYO	14434.300	18	09	1048							F1B										
J	TOKYO	14464.000	03	09	0210				CHN			A1A	114	E	32	30	N	57	265	B		
I	ROMA	14467.300	30	08	0718		31.0	DDH 8	D	SM	500HE	F1B							351	A		50 BD
RUS	BELGOROD	14467.300	19	09	0700	0710	21.0		D	FX	648H	F1B	009	E	26	53	N	48	291	B		
ROU	BELCIUGATELE	14467.300	30	09	1126	1310	45.6	Data	D	FX	1K70	F1B							318	A		Telex Meteo
I	ROMA	14485.000	30	08	0717		16.0			FX	550HE	F1B							41	A		50BD
I	ROMA	14500.000	30	08	0714		16.0			FX	800HE	F1B							40	A		BAUDOT
J	TOKYO	14500.000	25	09	0823							F1B							277	D		
J	TOKYO	14507.000	25	09	0825							F1B							322	D		

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	14550.000	15	07	0825		13.0		CYP	FX	3K00E	G1D							107	A		STANAG 4285
I	ROMA	14550.000	05	08	0606		10.0		CYP	FX	3K00E	G1D							105	A		STANAG 4285
RUS	BELGOROD	14550.000	19	09	0750	0850	26.7		CYP		3K00	G1D	032	E	53	34	N	48	191	B		
RUS	ARKHANGELSK	14550.000	19	09	1535	1545	11.0		TUR	FX	3K09	G1D							193	B		
RUS	S. PETERSBURG	14550.000	19	09	1535	1545	22.0		TUR	FX	3K05	G1D							175	B		
J	TOKYO	14579.920	17	07	0215			SOUND OF HOPE		BC		A3E							280	C	11	
J	TOKYO	14579.920	20	08	0655			SOUND OF HOPE		BC		A3E	128	E	10	35	N	29	273	A	11	KOR
J	TOKYO	14579.920	27	08	0452			SOUND OF HOPE		BC		A3E	128	E	08	35	N	30	274	B	11	KOR
J	TOKYO	14579.920	10	09	0050			SOUND OF HOPE		BC		A3E	128	E	29	35	N	51	275	A	11	KOR
J	TOKYO	14579.920	18	09	1050			SOUND OF HOPE		BC		A3E	128	E	40	35	N	34	273	A	11	KOR
J	TOKYO	14579.920	25	09	0830			SOUND OF HOPE		BC		A3E							273	D	11	
J	TOKYO	14579.930	02	07	0643			SOUND OF HOPE		BC		A3E	128	E	17	35	N	44	275	B	11	
J	TOKYO	14579.930	09	07	0451			SOUND OF HOPE		BC		A3E	127	E	57	34	N	52	270	A	11	KOR
J	TOKYO	14579.930	03	09	0213			SOUND OF HOPE		BC		A3E	128	E	16	35	N	24	273	A	11	KOR
KOR	CRMS	14580.000	29	08	0501	0501	14.6		CHN	BC	15K0	A3E									11	
I	ROMA	14581.000	30	08	0711		5.0	1EB41EB2952	RUS	FX	250HE	F1B							40	A		50BD
I	ROMA	14586.000	05	08	0607		14.0			FX	3K00E	G1D							2	A		STANAG 4285
I	ROMA	14586.000	30	08	0710		31.0			FX	3K00E	G1D							360	A		STANAG 4285
I	ROMA	14629.200	05	08	0610		4.0			FX	3K10	G1D							264	A		
I	ROMA	14630.000	15	07	0742		32.0			FX	40K0E	G7D							307	A		
I	ROMA	14630.000	25	07	0816		35.0		USA	FX	40K0E	G7D							308	A		
I	ROMA	14630.000	25	07	0817		32.0			FX	40K0E	G7D							308	A		
I	ROMA	14632.800	05	08	0611		8.0			FX	3K10	G1D							264	A		
J	TOKYO	14634.850	17	07	0217			SOUND OF HOPE		BC		A3E	120	E	43	23	N	49	240	B	11	TAIWAN
J	TOKYO	14634.860	02	07	0644			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	14634.860	27	08	0453			SOUND OF HOPE		BC		A3E	121	E	11	24	N	01	240	B	11	TAIWAN
J	TOKYO	14634.880	14	08	0829			SOUND OF HOPE		BC		A3E							237	D	11	
J	TOKYO	14634.880	20	08	0658			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14634.880	03	09	0214			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14634.880	25	09	0838			SOUND OF HOPE		BC		A3E	120	E	39	22	N	53	237	A	11	TAIWAN
J	TOKYO	14634.890	24	07	0049			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14634.890	10	09	0054			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14634.900	18	09	1051			SOUND OF HOPE		BC		A3E	120	E	29	23	N	12	240	B	11	TAIWAN
J	TOKYO	14634.910	06	08	1044			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	14635.000	22	07	0730	0730	34.2		CHN	BC	14K8	A3E									11	
KOR	CRMS	14635.000	21	08	0034	0034	18.3		CHN	BC	14K9	A3E									11	
KOR	CRMS	14635.000	23	09	0555	0555	25.4		CHN	BC	14K9	A3E									11	
J	TOKYO	14640.000	06	08	1050														296	D		
J	TOKYO	14640.000	18	09	1056														296	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	14654.990	27	08	0457				KRE				126	E	01	40	N	11	297	B		
J	TOKYO	14655.000	02	07	0645														297	C		
J	TOKYO	14655.000	06	08	1053				KRE				126	E	07	40	N	13	297	A		
J	TOKYO	14655.000	18	09	1101														296	D		
I	ROMA	14664.000	30	08	0704		19.0	1414BEBE952	RUS	FX	250HE	F1B							14	A		50BD
J	TOKYO	14670.000	02	07	0645														296	C		
J	TOKYO	14689.950	02	07	0646			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	14689.950	17	07	0219			SOUND OF HOPE		BC		A3E	120	E	43	23	N	49	240	B	11	TAIWAN
J	TOKYO	14689.960	24	07	0052			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14689.970	14	08	0833			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14689.970	27	08	0500			SOUND OF HOPE		BC		A3E	121	E	24	24	N	36	241	B	11	TAIWAN
J	TOKYO	14689.970	03	09	0217			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	14689.970	25	09	0840			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	14689.980	06	08	1055			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14689.980	10	09	0058			SOUND OF HOPE		BC		A3E	121	E	32	24	N	26	240	A	11	TAIWAN
J	TOKYO	14689.980	18	09	1103			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	14690.000	23	07	0620	0620	28.3		CHN	BC	14K6	A3E									11	
KOR	CRMS	14690.000	26	08	0440	0440	22.8		CHN	BC	14K5	A3E									11	
INS	MSCK-TANGERANG	14690.000	19	09	1115	1120	48.2		CHN	BC	9K00E	A3E										
KOR	CRMS	14690.000	23	09	0556	0556	26.3		CHN	BC	14K5	A3E									11	
INS	MSWR-MERAUKE	14698.000	20	08	0127	0132			INS	BC	3K00E	J3E										Siaran Radio Berbahasa China
I	ROMA	14720.800	05	08	0612		24.0				3K00E	G1D							282	A		
I	ROMA	14724.000	09	07	1037		10.0		F	FX	3K00	G1D							282	A		STANAG 4285
I	ROMA	14724.000	15	07	0835		24.0		F	FX	3K00	G1D							282	A		STANAG 4285
I	ROMA	14724.000	30	08	0703		5.0		F	FX	3K00	G1D							282	B		STANAG 4285
I	ROMA	14724.000	09	09	1245		35.0		F	FX	3K00	G1D							281	A		STANAG 4285
RUS	ARKHANGELSK	14724.000	20	09	0845	0855	6.0		E	FX	2K96	G1D							243	B		
RUS	S. PETERSBURG	14724.000	20	09	0845	0855	18.0		E	FX	2K93	G1D							240	B		
ROU	BELCIUGATELE	14724.000	30	09	0950	1045	38.0	Data		FX	3K00	F1B							275	A		
RUS	BELGOROD	14724.200	20	09	0545	0600	10.0		F		5K00	G1D	002	E	30	43	N	14	266	B		
I	ROMA	14724.400	05	08	0614		29.0				3K00E	G1D							282	A		
I	ROMA	14751.000	09	07	1038		17.0		D	FX	3K00E	G1D							359	A		STANAG 4285
J	TOKYO	14756.000	06	08	1059							F1B							353	D		
J	TOKYO	14761.700	18	09	1104														193	C		
J	TOKYO	14774.890	02	07	0647			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14774.890	17	07	0221			SOUND OF HOPE		BC		A3E	120	E	43	23	N	49	240	B	11	TAIWAN
J	TOKYO	14774.890	20	08	0705			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14774.890	27	08	0502			SOUND OF HOPE		BC		A3E	120	E	52	22	N	30	237	B	11	TAIWAN
J	TOKYO	14774.910	14	08	0836			SOUND OF HOPE		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	14774.910	03	09	0220			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14774.930	24	07	0054			SOUND OF HOPE		BC		A3E	121	E	02	23	N	20	239	A	11	TAIWAN
J	TOKYO	14774.930	10	09	0104			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	14775.000	02	07	0641	0641	-10.0		CHN	BC	15K0	A3E									11	
KOR	CRMS	14775.000	01	08	0517	0517	-11.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	14775.000	04	09	0018	0018	-3.0		CHN	BC	14K9	A3E									11	
J	TOKYO	14781.750	25	09	0841							F1B							331	D		
J	TOKYO	14820.010	09	07	0455			SOUND OF HOPE		BC		A3E	126	E	21	38	N	10	263	A	11	KOR
J	TOKYO	14820.010	17	07	0223			SOUND OF HOPE		BC		A3E							270	D	11	
J	TOKYO	14820.010	20	08	0707			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	14850.000	02	07	0641	0641	-2.8		CHN	BC	14K7	A3E									11	
KOR	CRMS	14850.000	01	08	0518	0518	-0.9		CHN	BC	14K8	A3E									11	
KOR	CRMS	14850.000	03	09	0625	0625	0.0		CHN	BC	14K9	A3E									11	
INS	MSKH-KUPANG	14850.000	19	09	0240	0244	20.0		CHN	BC	9K00E	A3E									11	
J	TOKYO	14850.280	17	07	0225			SOUND OF HOPE		BC		A3E	120	E	52	23	N	49	240	B	11	TAIWAN
J	TOKYO	14850.290	02	07	0655			SOUND OF HOPE		BC		A3E							240	C	11	TAIWAN
J	TOKYO	14850.290	24	07	0057			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14850.290	06	08	1103			SOUND OF HOPE		BC		A3E	121	E	05	23	N	55	240	A	11	TAIWAN
J	TOKYO	14850.290	14	08	0838			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14850.290	20	08	0709			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14850.290	27	08	0502			SOUND OF HOPE		BC		A3E	120	E	52	23	N	26	240	B	11	TAIWAN
J	TOKYO	14850.290	03	09	0221			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14850.290	18	09	1105			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14850.290	25	09	0845			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14850.300	10	09	0105			SOUND OF HOPE		BC		A3E							238	D	11	
I	ROMA	14852.000	05	08	0615		17.0	1EB41EB2952	RUS	FX	270HE	F1B							14	A		T600 50BD
J	TOKYO	14863.600	02	07	0656														263	D		
KOR	CRMS	14870.000	02	07	0641	0641	-8.5		CHN	BC	14K9	A3E									11	
KOR	CRMS	14870.000	05	08	0421	0421	-8.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	14870.000	03	09	0625	0625	-5.5		CHN	BC	15K0	A3E									11	
J	TOKYO	14870.120	17	07	0230			SOUND OF HOPE		BC		A3E	120	E	52	23	N	49	240	B	11	TAIWAN
J	TOKYO	14870.120	24	07	0059			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14870.120	06	08	1105			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.120	03	09	0222			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.120	18	09	1106			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.130	02	07	0657			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14870.130	14	08	0840			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	14870.130	20	08	0710			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14870.130	27	08	0503			SOUND OF HOPE		BC		A3E	120	E	49	22	N	53	238	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	14870.130	25	09	0846			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14870.150	10	09	0106			SOUND OF HOPE		BC		A3E	120	E	53	23	N	39	240	A	11	TAIWAN
ROU	BELCIUGATELE	14875.000	30	09	0915	0948	17.4	Data	G	FX	3K00								301	A		
J	TOKYO	14887.390	09	07	0456				USA			F1B	144	E	25	14	N	18	168	A		GUM
J	TOKYO	14887.390	24	07	0103							F3C							170	D		
J	TOKYO	14887.390	14	08	0845				USA			F1B	144	E	43	13	N	19	169	A		GUM
J	TOKYO	14887.390	20	08	0711							F1B							168	D		
J	TOKYO	14887.390	25	09	0848				USA			F1B	144	E	00	12	N	29	171	A		GUM
J	TOKYO	14887.400	02	07	0658				USA			F1B	144	E	38	13	N	20	169	B		
J	TOKYO	14887.400	17	07	0235				USA			F1B	145	E	00	14	N	09	167	B		GUM
J	TOKYO	14887.400	27	08	0504				USA			F1B	144	E	16	13	N	03	170	B		GUM
J	TOKYO	14887.400	03	09	0224				USA			F1B	144	E	42	13	N	23	169	A		GUM
J	TOKYO	14887.400	10	09	0108							F1B							168	C		
KOR	CRMS	14900.000	02	07	0641	0641	-8.8		CHN	BC	14K9	A3E									11	
KOR	CRMS	14900.000	07	08	0015	0015	-13.6		CHN	BC	14K9	A3E									11	
KOR	CRMS	14900.000	04	09	0018	0018	-6.1		CHN	BC	14K9	A3E									11	
J	TOKYO	14900.030	02	07	0659			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	14900.030	24	07	0106			SOUND OF HOPE		BC		A3E	121	E	09	24	N	08	241	A	11	TAIWAN
J	TOKYO	14900.030	06	08	1108			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14900.030	03	09	0225			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14900.030	18	09	1107			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	14900.030	25	09	0849			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14900.250	27	08	0508			SOUND OF HOPE		BC		A3E	120	E	52	22	N	34	240	B	11	TAIWAN
J	TOKYO	14919.990	17	07	0237					BC		A3E							277	D		
J	TOKYO	14919.990	27	08	0509			SOUND OF HOPE		BC		A3E	121	E	27	24	N	10	240	B	11	TAIWAN
INS	MSCK-TANGERANG	14920.000	01	07	0300	0730	32.2		CHN	BC	6K00	A3E							330			
KOR	CRMS	14920.000	01	07	0417	0417	-1.6		CHN	BC	14K8	A3E									11	
J	TOKYO	14920.000	02	07	0659			CHINA N.R.		BC		A3E							248	C	11	
KOR	CRMS	14920.000	03	07	0149	0149	-0.5		CHN	BC	14K9	A3E									11	
J	TOKYO	14920.000	09	07	0504			CHINA N.R.		BC		A3E							250	D	11	
INS	MSCK-TANGERANG	14920.000	17	07	0728	0832	18.8			BC	8K00E	A3E										SOH XI WANG ZHI SHENG
KOR	CRMS	14920.000	01	08	0518	0518	21.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	14920.000	06	08	0608	0608	-6.8		CHN	BC	14K9	A3E									11	
J	TOKYO	14920.000	06	08	1111			CHINA N.R.		BC		A3E	109	E	37	19	N	30	248	A	11	
J	TOKYO	14920.000	20	08	0717					BC		A3E							319	D		
INS	MSCK-TANGERANG	14920.000	28	08	0117	0118	36.5		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
J	TOKYO	14920.000	03	09	0226			CHINA N.R.		BC		A3E							247	D	11	
KOR	CRMS	14920.000	04	09	0018	0018	6.5		CHN	BC	14K5	A3E									11	
KOR	CRMS	14920.000	05	09	0429	0429	10.5		CHN	BC	14K7	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	14920.000	18	09	1108			CHINA N.R.		BC		A3E	087	E	24	43	N	49	299	A	11	
RUS	IRKUTSK	14920.000	23	09	0300	0330	12.0		CHN	BC	10K6	A3E	078	E	05	38	N	56	244	A	11	
RUS	ARKHANGELSK	14920.000	23	09	0716	0724	22.0		CHN	BC		A3E							66	B		
RUS	S. PETERSBURG	14920.000	23	09	0716	0724	33.0		CHN	BC		A3E							56	B		
J	TOKYO	14920.000	25	09	0850			CHINA N.R.		BC		A3E									11	
J	TOKYO	14927.600	02	07	0709				CHN				109	E	16	34	N	36	277	B		
J	TOKYO	14939.900	27	08	0510			SOUND OF HOPE		BC		A3E	120	E	27	23	N	20	240	B	11	TAIWAN
J	TOKYO	14939.910	17	07	0240			SOUND OF HOPE		BC		A3E	120	E	58	23	N	57	240	B	11	TAIWAN
J	TOKYO	14939.910	03	09	0228			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14939.920	02	07	0710			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14939.930	24	07	0110			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	14939.930	06	08	1114			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	14939.940	18	09	1109			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	14939.940	25	09	0856			SOUND OF HOPE		BC		A3E							243	D	11	
KOR	CRMS	14940.000	23	07	0624	0624	17.7		CHN	BC	15K0	A3E									11	
KOR	CRMS	14940.000	02	08	0604	0604	-3.1		CHN	BC	14K9	A3E									11	
KOR	CRMS	14940.000	23	09	0556	0556	36.0		CHN	BC	14K0	A3E									11	
ROU	BELCIUGATELE	14953.000	30	09	0734	0820	57.1	Navy	RUS	FX	36K0	J7D							43	A		Data CIS-60
J	TOKYO	14979.950	25	09	0901			SOUND OF HOPE		BC		A3E	121	E	11	24	N	47	242	A	11	TAIWAN
J	TOKYO	14979.970	24	07	0112			SOUND OF HOPE		BC		A3E							241	D	11	
KOR	CRMS	14980.000	01	07	0417	0417	-5.3		CHN	BC	14K7	A3E									11	
J	TOKYO	14980.000	02	07	0711			CHINA N.R.		BC		A3E	123	E	56	47	N	02	318	B	11	
J	TOKYO	14980.000	17	07	0242					BC		A3E							277	D		
INS	MSCK-TANGERANG	14980.000	17	07	0732	0736	17.6			BC	8K00E	A3E										SOH XI WANG ZHI SHENG
KOR	CRMS	14980.000	01	08	0518	0518	6.7		CHN	BC	12K7	A3E									11	
J	TOKYO	14980.000	06	08	1116			CHINA N.R.		BC		A3E							291	D	11	
J	TOKYO	14980.000	14	08	0857			CHINA N.R.		BC		A3E									11	
J	TOKYO	14980.000	27	08	0511			CHINA N.R.		BC		A3E	114	E	59	40	N	30	291	B	11	
INS	MSCK-TANGERANG	14980.000	28	08	0114	0115	42.0		CHN	BC	9K00E	A3E	120	E	42	24	N	23			11	
J	TOKYO	14980.000	03	09	0228			CHINA N.R.		BC		A3E	108	E	58	18	N	56	248	B	11	
KOR	CRMS	14980.000	04	09	0018	0018	15.1		CHN	BC	12K8	A3E									11	
INS	MSCK-TANGERANG	14980.000	12	09	0144	0146	51.6		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
J	TOKYO	14980.000	18	09	1110			CHINA N.R.		BC		A3E							276	D	11	
RUS	ARKHANGELSK	14980.000	23	09	0751	0756	7.0		VTN	BC		A3E							104	B		
RUS	S. PETERSBURG	14980.000	23	09	0751	0756	25.0		VTN	BC		A3E							92	B		
J	TOKYO	14980.000	25	09	0858			CHINA N.R.		BC		A3E									11	
I	ROMA	14996.000	29	07	1214					SS	300HE								37			
ROU	BELCIUGATELE	14996.000	30	09	0825	0940	40.6	Time Signals	RUS	FX	600HE	H3E							29	A		Moscow RWM
J	TOKYO	15000.000	02	07	0712			WWV		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	02	07	0712			BPM		SS		AXW										
J	TOKYO	15000.000	02	07	0712			WWVH		SS		AXW										MNG
J	TOKYO	15000.000	02	07	0745			BPM		SS		AXW										
J	TOKYO	15000.000	09	07	0506			BPM		SS		AXW										
J	TOKYO	15000.000	09	07	0600			BPM		SS		AXW										
J	TOKYO	15000.000	09	07	0600			WWVH		SS		AXW										
J	TOKYO	15000.000	09	07	0600			WWV		SS		AXW										
J	TOKYO	15000.000	17	07	0245			BPM		SS		AXW										
J	TOKYO	15000.000	17	07	0417			BPM		SS		AXW							279	D		
J	TOKYO	15000.000	24	07	0115			BPM		SS		AXW										
J	TOKYO	15000.000	24	07	0130			BPM		SS		AXW							280	D		
J	TOKYO	15000.000	05	08	2345			WWVH		SS		AXW							87	D		
J	TOKYO	15000.000	06	08	1120			WWVH		SS		AXW										
J	TOKYO	15000.000	14	08	1000			WWVH		SS		AXW										
J	TOKYO	15000.000	20	08	0729			WWVH		SS		AXW										
J	TOKYO	15000.000	20	08	0729			BPM		SS		AXW										
J	TOKYO	15000.000	20	08	0759			WWVH		SS		AXW	157	W	50	21	N	12	87	B		
J	TOKYO	15000.000	20	08	0759			BPM		SS		AXW	104	E	26	35	N	22	280	B		
J	TOKYO	15000.000	27	08	0529			WWVH		SS		AXW	158	W	02	21	N	12	87	B		
J	TOKYO	15000.000	27	08	0529			BPM		SS		AXW	107	E	36	34	N	24	277	B		
J	TOKYO	15000.000	27	08	0600			WWVH		SS		AXW										
J	TOKYO	15000.000	27	08	0600			BPM		SS		AXW										
J	TOKYO	15000.000	03	09	0228			BPM		SS		AXW										
J	TOKYO	15000.000	03	09	0415			BPM		SS		AXW	108	E	58	34	N	29	272	B		GUM
J	TOKYO	15000.000	03	09	0415			WWVH		SS		AXW	158	W	02	21	N	29	86	B		
J	TOKYO	15000.000	10	09	0130			WWVH		SS		AXW										
J	TOKYO	15000.000	10	09	0130			BPM		SS		AXW										
J	TOKYO	15000.000	17	09	2359			WWVH		SS		AXW	155	W	46	18	N	47	89	B		
J	TOKYO	15000.000	18	09	1110			WWVH		SS		AXW										
RUS	ARKHANGELSK	15000.000	23	09	0734	0744	14.0		CHN	BC		A3E							95	B		
RUS	S. PETERSBURG	15000.000	23	09	0734	0744	23.0		CHN	BC		A3E							82	B		
INS	MSKH-KUPANG	15000.000	24	09	0600	0623	37.9		USA	SS	9K00E	A3E							45	A		
J	TOKYO	15000.000	25	09	0858			BPM		SS		AXW										
J	TOKYO	15000.000	25	09	0858			WWVH		SS		AXW										
J	TOKYO	15000.000	25	09	1000			WWVH		SS		AXW							87	B		
J	TOKYO	15016.000	09	07	0602							J3E							160	B		
I	ROMA	15050.000	24	07	1712		17.0	RADAR		FX	100K	P0N							100	A	3	
J	TOKYO	15090.000	02	07	0746					BC		A3E										
ROU	BELCIUGATELE	15090.000	03	07	0806	0830	33.1	Radio Azadi (Free Afghanistan)	KWT	BC	20K0	A3E							128	A		Kuwait Pashto 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	15090.000	09	07	0603					BC		A3E										
I	ROMA	15090.000	09	07	1040		12.0			BC	9K00E	A3E							101	A		
INS	MSTM-MEDAN	15090.000	23	07	0946	0948	21.0		AFG	BC	12K0	A3E										R.AZADI (R.FREE AFGHANISTAN)
I	ROMA	15090.000	20	09	0530		12.0			BC	10K0E	A3E							100	A	3	
RUS	BELGOROD	15090.000	24	09	0610	0620	18.0		KWT	BC	10K0	A3E	047	E	58	29	N	10	154	B	11	
J	TOKYO	15090.000	25	09	1003					BC		A3E							281	D		
J	TOKYO	15099.990	10	09	0131					BC		A3E							290	D		
KOR	CRMS	15100.000	03	07	0149	0149	21.0		CHN	BC	10K4	A3E									6	
G	BALDOCK	15100.000	08	07	0000			CHINA RADIO INT	CHN	BC	9K00E	A3E							43	B		
KOR	CRMS	15100.000	07	08	0016	0016	29.0		CHN	BC	10K1	A3E									6	
INS	MSCK-TANGERANG	15100.000	28	08	0111	0112	53.6		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
KOR	CRMS	15100.000	04	09	0019	0019	38.8		CHN	BC	10K3	A3E									6	
INS	MSCK-TANGERANG	15100.000	12	09	0139	0141	48.7		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSPA-SAMARINDA	15105.000	01	07	1103	1104	45.8		KOR	BC	3K00E	A3E							0			Voice Of Korea
F	RAMBOUILLET	15105.000	05	07	1535	1615	14.0	TWR AFRICA			10K0	A3EG -								A		
INS	MSKH-KUPANG	15105.000	07	08	0530	0537	22.5		KRE	BC	9K00E	A3E							22	B		
INS	MSPA-SAMARINDA	15105.000	01	09	0848	0849	45.8		KOR	BC	3K00E	A3E							0			
I	ROMA	15105.000	20	09	0535		1.0			BC	10K0E	A3E							45	B	3	
F	RAMBOUILLET	15110.000	05	07	0945	1325	25.0	R.KUWAIT			10K0	D7W								A		
F	RAMBOUILLET	15110.000	05	07	1400	1500	24.0	VOICE OF AMERICA			10K0	A3EG -								A		
INS	MSKH-KUPANG	15110.000	07	08	0537	0542	29.7		CHN	BC	9K00E	A3E							18	B		
J	TOKYO	15110.000	29	08	1100			CHINA R.I.	CHN	BC		A3E										
RUS	SAMARA	15110.000	24	09	1200	1230	49.0		CHN	BC	10K0	A3E	085	E	12	44	N	30	98	A		
F	RAMBOUILLET	15115.000	05	07	1700	1800	23.0	NHK WORLD RADIO JAPAN			10K0	A3EG -								A		
RUS	BELGOROD	15120.000	24	09	0550	0600	48.0		IRN	BC	2K00	A3E	055	E	25	30	N	41	138	B		
INS	MSWR-MERAUKE	15125.000	04	07	0123	0309	26.7		CHN	BC	9K00	A3E										
F	RAMBOUILLET	15125.000	05	07	1600	1800	13.0	CRI			10K0	A3EG -								A		
INS	MSPA-SAMARINDA	15125.000	07	08	0858	0859	35.9		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	15125.000	28	08	0109	0110			CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSCK-TANGERANG	15125.000	12	09	0137	0138	51.8		CHN	BC	9K00E	A3E										
KOR	CRMS	15130.000	20	08	0635	0635	14.4		CHN	BC	15K0	A3E									6	
I	ROMA	15130.000	20	09	0628		58.0	R ROMANIA INTERNATIO	ROU	BC	10K0	A3E							59	A		ARA
RUS	SAMARA	15130.000	24	09	0600	0635	61.0		ROU	BC	10K0	A3E	026	E	31	44	N	14	257	A		
F	RAMBOUILLET	15135.000	08	07	0830	1130	20.0	CRI			10K0	A3EG -								A		
INS	MSTM-MEDAN	15135.000	12	08	0330	0333			CHN	BC	6K00E	A3E										
INS	MSPA-SAMARINDA	15135.000	30	08	0910	0915	35.3		INS	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15135.000	18	09	0851	0851	80.4		CHN	BC	9K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
I	ROMA	15140.000	24	07	1701		54.0	VOICE OF AMERICA	G	BC	10K0E	A3E							318	A		ENG
J	TOKYO	15140.010	14	08	1002							F1B							317	D		
ROU	BELCIUGATELE	15145.000	03	07	0806	0830	51.3	Adventist World Radio	AUT	BC	9K00	A3E							302	A		Moosbrunn French language
KOR	CRMS	15145.000	09	07	0659	0659	17.0		CHN	BC	11K6	A3E									6	
INS	MSCK-TANGERANG	15145.000	17	07	0737	0740	25.1			BC	9K00E	A3E										CHINA RADIO INTERNATIONA
ROU	BELCIUGATELE	15145.000	22	07	0800	0830	49.3	Adventist World R.	AUT	BC	9K00	A3E							305	A		French language
INS	MSPA-SAMARINDA	15145.000	21	08	0807	0808	38.9		CHN	BC	3K00E	A3E							0			
I	ROMA	15145.000	17	09	0815		20.0	ADVENTIST WORLD R.	AUT	BC	9K00E	A3E							23	A		
INS	MSKH-KUPANG	15145.000	18	09	0720	0725	55.6		CHN	BC	10K0	A3E										
I	ROMA	15145.000	20	09	0800		20.0	R CHINA INTERNATIONA	CHN	BC	10K0E	A3E							71	A		ENG
INS	MSCK-TANGERANG	15145.000	23	09	0715	0718	62.8		CHN	BC	9K00E	A3E							0			CHINA RADIO INTERNATIONAL
RUS	BELGOROD	15145.000	24	09	0600	0610	25.0		CHN	BC	7K00	A3E	076	E	07	39	N	00	97	B		
RUS	ARKHANGELSK	15145.000	24	09	0650	0657	18.0		KAZ	BC		A3E							130	B		
RUS	S. PETERSBURG	15145.000	24	09	0650	0657	34.0		KAZ	BC		A3E							108	B		
RUS	ARKHANGELSK	15145.000	24	09	0724	0734	20.0		CHN	BC		A3E	107	E	49	32	N	38	94	B		
RUS	S. PETERSBURG	15145.000	24	09	0724	0734	28.0		CHN	BC		A3E	107	E	49	32	N	38	82	B		
I	ROMA	15145.000	30	09	0809		50.0	ADVENTIST WORLD RADI	AUT	BC	10K0E	A3E							23	A		
F	RAMBOUILLET	15150.000	05	07	0600	0900	22.0	ASSEMBLIES OF YAHWEH			10K0	A3EG								A		
F	RAMBOUILLET	15150.000	08	07	0600	0900	34.0	ASSEMBLIES OF YAHWEH			10K0E	A3EG								A	3	
I	ROMA	15150.000	20	09	0550		18.0	ASSEMBLIES OF YAHWEH	USA	BC	10K0E	A3E							300	A	3	ENG
ROU	BELCIUGATELE	15160.000	03	07	0903	0932	30.0	KBS World Radio	KOR	BC	6K80	A3E							60	A		Kimjae Korean language
KOR	CRMS	15160.000	25	07	0424	0424	58.9		CHN	BC	14K8	A3E									6	
INS	MSKH-KUPANG	15160.000	07	08	0542	0545	30.2		CHN	BC	9K00E	A3E							17	B		
INS	MSTM-MEDAN	15160.000	08	08	0431	0445	36.1		CHN	BC	10K0E	A3E									11	
INS	MSCK-TANGERANG	15160.000	28	08	0000	2400	49.1		CHN	BC	9K00E	A3E	119	E	18	29	N	06				
J	TOKYO	15160.000	29	08	0100			CHINA R.I.	CHN	BC		A3E										
ROU	BELCIUGATELE	15180.000	01	07	1121	1159	65.2	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Bulgarian language
ROU	BELCIUGATELE	15180.000	03	07	1027	1055	26.5	Voice of Korea	KRE	BC	2K25	A3E							57	A		Kujang English language
F	RAMBOUILLET	15180.000	08	07	1100	1300	31.0	CRI			10K0E	A3EG								A	3	
ROU	BELCIUGATELE	15180.000	15	07	1120	1150	61.8	China Radio International	CHN	BC	9K00	A3E							81	A		Bulgarian language
J	TOKYO	15180.000	24	07	0135				CHN				102	E	24	25	N	24	263	B		
INS	MSKH-KUPANG	15180.000	07	08	0545	0548	22.5		KRE	BC	9K00E	A3E							17	C		
INS	MSTM-MEDAN	15180.000	08	08	0524	0530	41.9		CHN	BC	9K00E	A3E									11	
ROU	BELCIUGATELE	15180.000	19	08	1130	1200	56.7	China Radio International	CHN	BC	9K00	A3E							83	A		Bulgarian language
RUS	BELGOROD	15180.000	24	09	1140	1150	70.0		CHN	BC	10K0	A3E	075	E	30	38	N	50	98	B		
RUS	SAMARA	15180.000	24	09	1200	1230	53.0		CHN	BC	10K0	A3E	074	E	50	39	N	20	120	A		
F	RAMBOUILLET	15183.000	08	07	0850	0915	46.0				20K0E	PXX								A	9	OTHR
INS	MSKH-KUPANG	15185.000	07	08	0548	0550	23.4		IND	BC	9K00E	A3E							13	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	15190.000	05	09				RADIO PILIPINAS	PHL	BC	9K00E	A3E							57	B		
INS	MSTM-MEDAN	15195.000	08	08	0549	0555	35.8		J	BC	9K00E	A3E									11	
F	RAMBOUILLET	15200.000	09	07	0655	0820	26.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	15207.000	09	07	0905	0920	48.0				20K0E	PXX								A	9	OTHR
ROU	BELCIUGATELE	15210.000	19	07	1145	1215	73.2	KSDA-Adventist World R. Guam	USA	BC	9K00	A3E							82	A		Chinese language
RUS	BELGOROD	15215.000	24	09	0550	0600	45.0		F	BC	2K00	A3E	002	E	07	46	N	30	273	B		
ROU	BELCIUGATELE	15220.000	01	07	1120	1157	74.2	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Czech language
ROU	BELCIUGATELE	15220.000	03	07	1022	1055	60.7	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Hungarian language
F	RAMBOUILLET	15220.000	09	07	0700	0755	53.0	ADVENTIST WORLD			10K0E	A3EG -								A	3	
I	ROMA	15220.000	09	07	1043		27.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							74	A		
ROU	BELCIUGATELE	15220.000	15	07	1045	1115	56.0	China Radio International	CHN	BC	9K00	A3E							83	A		Hungarian language
I	ROMA	15220.000	31	07	0740		43.0	ADVENTIST WORLD RADI	D	BC	9K00E	A3E							1	A		
INS	MSKH-KUPANG	15220.000	07	08	0550	0552	31.6		D	BC	9K00E	A3E							314	C		
ROU	BELCIUGATELE	15220.000	30	08	0705	0737	61.1	Adventist World Radio	D	BC	10K0	A3E							319	A		Nauen Arabic Language
RUS	BELGOROD	15220.000	24	09	0605	0615	37.0		D	BC	9K50	A3E	008	E	30	52	N	24	287	B		
RUS	BELGOROD	15220.000	24	09	1010	1020	60.0		CHN	BC	10K0	A3E	075	E	40	39	N	29	98	B		
RUS	SAMARA	15220.000	24	09	1130	1200	53.0		CHN	BC	10K0	A3E	074	E	28	39	N	11	120	A		
ROU	BELCIUGATELE	15220.000	26	09	1120	1150	69.0	China Radio International	CHN	BC	9K00	A3E							83	A		Czech language
INS	MSCK-TANGERANG	15225.000	28	08	0104	0105	46.9		PHL	BC	9K00E	A3E	120	E	37	15	N	22				
G	BALDOCK	15230.000	07	07				R HABANA CUBA	CUB	BC	9K00E	A3E							275	C		
INS	MSCK-TANGERANG	15230.000	17	07	0851	0855	20.8		CHN	BC	8K00E	A3E										CHINA RADIO INTERNATIONAL
KOR	CRMS	15230.000	25	07	0424	0424	67.0		CHN	BC	14K7	A3E									6	
INS	MSKH-KUPANG	15230.000	07	08	0552	0554	28.5		CHN	BC	9K00E	A3E							10	B		
INS	MSTM-MEDAN	15230.000	08	08	0556	0603	33.9		CHN	BC	9K00E	A3E									11	
J	TOKYO	15230.000	29	08	0300			CHINA R.I.	CHN	BC		A3E										
INS	MSKH-KUPANG	15230.000	18	09	0730	0731	48.8		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	15230.000	18	09	0848	0849	56.7		CHN	BC	9K00E	A3E										
RUS	SLAVYANKA	15230.000	24	09	0430	0500	67.0		CHN	BC	2K80	A3E	103	E	10	30	N	22	250	A		
F	RAMBOUILLET	15240.000	09	07	0600	0820	19.0	VO ISLAMIC REP. IRAN			10K0E	A3EG -								A	3	
RUS	S. PETERSBURG	15240.000	24	09	0720	0725	42.0		CHN	BC		A3E	124	E	14	40	N	05	64	B		
RUS	ARKHANGELSK	15240.000	24	09	0720	0725	32.0		CHN	BC		A3E	124	E	14	40	N	05	75	B		
F	RAMBOUILLET	15245.000	09	07	1300	1800	17.0	VOICE OF KOREA			10K0E	A3EG -								A	3	
INS	MSTM-MEDAN	15245.000	23	07	0948	0950	18.0		CHN	BC	12K0	A3E										R.FREE ASIA
KOR	CRMS	15245.000	24	07	0209	0209	34.4		CHN	BC	14K8	A3E									6	
INS	MSPA-SAMARINDA	15245.000	29	07	0237	0239	24.6		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	15245.000	13	08	0952	0957			BRM	BC	9K00E	A3E										
KOR	CRMS	15245.000	21	08	0039	0039	43.0		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	15245.000	28	08	0101	0103	45.3		CHN	BC	9K00E	A3E	120	E	18	23	N	43				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	15245.000	11	09	0225	0228	35.9			BC	9K00E	A3E										
RUS	IRKUTSK	15245.000	24	09	0740	0810	10.0		CHN	BC	14K7	A3E	123	E	44	40	N	43	126	A		
RUS	S. PETERSBURG	15245.000	24	09	1420	1425	45.0		CHN	BC	15K4	A3E							64	B		
G	BALDOCK	15245.200	05	09				VOICE OF KOREA	KRE	BC	9K00E	A3E							39	B		
I	ROMA	15250.000	03	07	0942		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
F	RAMBOUILLET	15250.000	09	07	1100	1300	20.0	VOICE OF AMERICA			10K0	A3EG								A		
I	ROMA	15250.000	17	07	0915		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
INS	MSPA-SAMARINDA	15250.000	30	08	0915	0920	32.4		CHN	BC	9K00E	A3E										
RUS	SAMARA	15250.000	25	09	1200	1300	27.0		VTN	BC	10K0	A3E	108	E	30	15	N	44	106	A		
RUS	SAMARA	15250.000	25	09	1550	1710	33.0		KAZ	BC	10K0	A3E	067	E	24	50	N	22	97	A		
F	RAMBOUILLET	15255.000	09	07	1400	1600	20.0	RFE/R. LIBERTY			10K0	A3EG								A		
ROU	BELCIUGATELE	15255.000	25	07	1310	1340	57.1	Adventist World R.	TJK	BC	9K00	A3E							89	A		Nepali language
RUS	SAMARA	15255.000	25	09	1305	1600	34.0		UZB	BC	10K0	A3E	067	E	38	38	N	13	134	A		
RUS	ARKHANGELSK	15255.000	25	09	1435	1445	43.0		THA	BC		A3E							109	B		
RUS	S. PETERSBURG	15255.000	25	09	1435	1445	59.0		THA	BC		A3E							98	B		
INS	MSWR-MERAUKE	15260.000	03	07	0200	0252	20.8		IND	BC	9K00	A3E										
F	RAMBOUILLET	15260.000	10	07	0700	0730	13.0	BBC			10K0	A3EG								A		
F	RAMBOUILLET	15260.000	10	07	1700	1800	12.0	IBRA MEDIA (RADIO SAMA)			10K0	A3EG								A		
INS	MSCK-TANGERANG	15260.000	29	07	0158	0159			IND	BC	9K00E	A3E	014	W	22	07	S	53				
INS	MSPA-SAMARINDA	15260.000	07	08	0857	0858	41.2		IND	BC	3K00E	A3E							0			
INS	MSTM-MEDAN	15260.000	12	08	0906	0908			IND	BC	6K00E	A3E										
INS	MSCK-TANGERANG	15260.000	11	09	0225	0229	55.9		IND	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15260.000	12	09	0135	0136	70.6		IND	BC	9K00E	A3E	077	E	13	13	N	13				
RUS	S. PETERSBURG	15265.000	25	09	1800	1810	55.0		G	BC	9K10	A3E							261	B		
RUS	ARKHANGELSK	15265.000	25	09	1800	1810	51.0		G	BC	9K03	A3E							258	B		
KOR	CRMS	15270.000	10	07	0013	0013	22.4		CHN	BC	14K8	A3E									6	
F	RAMBOUILLET	15270.000	10	07	1030	1055	26.0	VOICE OF TURKEY			10K0	A3EG								A		
I	ROMA	15270.000	17	07	0919		36.0	CNR 2	CHN	BC	9K00E	A3E							51	A		
INS	MSPA-SAMARINDA	15270.000	29	07	0240	0242	10.1		CHN	BC	9K00E	A3E										
KOR	CRMS	15270.000	07	08	0017	0017	24.0		CHN	BC	14K9	A3E									6	
INS	MSTM-MEDAN	15270.000	08	08	0621	0640	30.6		CHN	BC	9K00E	A3E									11	
KOR	CRMS	15270.000	04	09	0021	0021	18.0		CHN	BC	14K8	A3E									6	
RUS	SAMARA	15270.000	25	09	0955	1100	32.0		TUR	BC	10K0	A3E	032	E	46	39	N	19	278	A		
RUS	IRKUTSK	15270.000	25	09	1030	1100	31.0		CHN	BC	10K6	A3E	115	E	37	39	N	44	146	A		
RUS	ARKHANGELSK	15270.000	25	09	1045	1055	34.0		CHN	BC		A3E	116	E	23	39	N	54	82	B		
RUS	S. PETERSBURG	15270.000	25	09	1045	1055	52.0		CHN	BC		A3E	116	E	23	39	N	54	70	B		
F	RAMBOUILLET	15275.000	10	07	1215	1300	31.0	DEUTSCHE WELLE			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
RUS	SAMARA	15275.000	25	09	1310	1400	27.0		CHN	BC	10K0	A3E	089	E	28	35	N	20	107	A		
RUS	S. PETERSBURG	15275.000	25	09	1610	1625	56.0		F	BC	13K5	A3E							245	B		
RUS	ARKHANGELSK	15275.000	25	09	1610	1625	21.0		F	BC	14K9	A3E							250	B		
KOR	CRMS	15280.000	10	07	0013	0013	16.6		IND	BC	13K2	A3E									6	
INS	MSPA-SAMARINDA	15280.000	16	07	0714	0720			J	BC	9K00E	A3E										NHK WORLD RADIO JAPAN
INS	MSCK-TANGERANG	15280.000	17	07	0753	0758	39.7		J	BC	9K00E	A3E										NHK WORLD RADIO JAPAN
INS	MSCK-TANGERANG	15280.000	30	07	1250	1251			CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15280.000	02	08	0717	0720	22.0		J	BC	9K00E	A3E										
KOR	CRMS	15280.000	07	08	0017	0017	20.9		IND	BC	12K5	A3E									6	
INS	MSKH-KUPANG	15280.000	07	08	0554	0556	24.7		IND	BC	9K00E	A3E							300	C		
INS	MSTM-MEDAN	15280.000	08	08	0648	0654	34.8		IND	BC	9K00E	A3E									11	
INS	MSTM-MEDAN	15280.000	14	08	0345	0349	45.1		J	BC	6K00	A3E										
INS	MSPA-SAMARINDA	15280.000	16	08	0805	0806	47.6		CHN	BC	3K00E	A3E							0			
INS	MSTM-MEDAN	15280.000	19	08	0252	0254			J	BC	3K00E	A3E										
INS	MSPA-SAMARINDA	15280.000	30	08	0915	0920	51.5		J	BC	9K00E	A3E										
KOR	CRMS	15280.000	04	09	0022	0022	13.2		IND	BC	14K8	A3E									6	
INS	MSPA-SAMARINDA	15280.000	12	09	0801	0802	46.3		J	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	15280.000	18	09	0000	2400	76.7		J	BC	9K00E	A3E										
INS	MSKH-KUPANG	15280.000	18	09	0739	0740	61.8		J	BC	10K0	A3E										
INS	MSCK-TANGERANG	15280.000	23	09	0713	0715	66.0		CHN	BC	9K00E	A3E							0			SOH Xi Wang Zhi Sheng
RUS	BELGOROD	15280.000	25	09	0605	0615	33.0		IND	BC	10K0	A3E	076	E	49	13	N	56	124	B		
INS	MSTM-MEDAN	15285.000	13	08	0230	0232			PHL	BC	6K00E	A3E										
INS	MSCK-TANGERANG	15285.000	28	08	0000	2400	56.7		ARS	BC	9K00E	A3E	046	E	52	24	N	49				
ROU	BELCIUGATELE	15290.000	03	07	0930	1000	50.4	NHK World Radio Japan	F	BC	10K0	A3E							288	A		Issoudun Japanese language
I	ROMA	15290.000	03	07	0945		34.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
F	RAMBOUILLET	15290.000	10	07	0800	1000	20.0	NHK WORLD RADIO JAPAN			10K0	A3EG -								A		
I	ROMA	15290.000	17	07	0921		41.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	15290.000	22	07	0830	0900	55.5	NHK World Radio Japan		BC	9K00	A3E							288	A		French language
I	ROMA	15290.000	04	09	0922		41.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
I	ROMA	15290.000	17	09	0817		30.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
RUS	BELGOROD	15290.000	25	09	0800	0810	34.0		F	BC	9K30	A3E	001	E	49	46	N	44	274	B		
I	ROMA	15290.000	30	09	0812		40.0	NIPPON HOSO KYOKAI	F	BC	9K00E	A3E							307	A		
I	ROMA	15295.000	12	08	1238		8.0	BBC WORLDSERVICE	OMA	BC	10K0E	A3E							103	A		ENG
I	ROMA	15296.000	21	08	1354					BC	9K00E	A3E							63	B		
G	BALDOCK	15300.000	08	07	0000				VEN	BC	9K00E	A3E							254	C		
F	RAMBOUILLET	15300.000	10	07	0600	1000	15.0	RFI			10K0	A3EG -								A		
I	ROMA	15300.000	10	07	0722		31.0	RADIO FRANCE INTERNA	F	BC	9K00E	A3E							307	A		
F	RAMBOUILLET	15300.000	10	07	1400	1500	22.0	BIBLE VOICE BCN			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	15300.000	11	07	0600	1000	26.0	RFI			10K0	A3EG								A		
I	ROMA	15300.000	17	07	0923		41.0	RADIO FRANCE INTERNA	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	15300.000	22	07	0900	0930	50.7	R.France Int.		BC	9K00	A3E							289	A		French language
I	ROMA	15300.000	31	07	0743		22.0	RADIO FRANCE INTERNA	F	BC	9K00E	A3E							307	A		
I	ROMA	15300.000	21	08	1729	1735	46.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							306	A		FRENCH LANGUAGE
G	BALDOCK	15300.000	05	09				RADIO FRANCE INT'L	F	BC	9K00E	A3E							164	A		
I	ROMA	15300.000	10	09	0650		38.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
I	ROMA	15300.000	17	09	0819		37.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
RUS	BELGOROD	15300.000	25	09	0600	0610	30.0		F	BC	3K40	A3E	001	E	40	46	N	50	274	B		
RUS	S. PETERSBURG	15300.000	25	09	0730	0735	69.0		F	BC		A3E							241	B		
RUS	ARKHANGELSK	15300.000	25	09	0730	0735	18.0		F	BC		A3E							245	B		
RUS	SAMARA	15300.000	25	09	1430	1510	30.0		KAZ	BC	10K0	A3E	067	E	39	41	N	39	128	A		
RUS	S. PETERSBURG	15300.000	25	09	1450	1500	53.0		CHN	BC		A3E							79	B		
I	ROMA	15300.000	30	09	0814		28.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
F	RAMBOUILLET	15310.000	11	07	1030	1100	12.0	KTWR GUAM DO YOU KNOW			10K0	A3EG								A		
INS	MSPA-SAMARINDA	15310.000	29	07	0243	0245	18.1		CLN	BC	9K00E	A3E										
I	ROMA	15310.000	21	08	1720	1730	60.0	BIBLE VOICE BROADCAST	D	BC	10K0E	A3E							1	A		
INS	MSPA-SAMARINDA	15320.000	01	07	1104	1105	46.9		CHN	BC	3K00E	A3E							0			Radio Taiwan International
INS	MSCK-TANGERANG	15320.000	02	07	0444	0449	42.9	R.TAIWAN INT.		BC	9K00E	A3E										
G	BALDOCK	15320.000	07	07				ADVENTIST WORLD R	UZB	BC	9K00E	A3E							78	B		
KOR	CRMS	15320.000	29	07	0435	0435	43.6		CHN	BC	12K2	A3E									6	
INS	MSTM-MEDAN	15320.000	13	08	1127	1129	21.0		CHN	BC	9K00	A3E										
KOR	CRMS	15320.000	22	08	0435	0435	39.3		CHN	BC	14K8	A3E									6	
KOR	CRMS	15320.000	26	08	0449	0449	41.1		CHN	BC	14K6	A3E									6	
KOR	CRMS	15320.000	05	09	0433	0433	11.8		CHN	BC	14K8	A3E									6	
I	ROMA	15320.000	10	09	0653		35.0	TURKISH RADIO	TUR	BC	9K00E	A3E							92	A		
I	ROMA	15325.000	10	07	0727		40.0	RADIO FRANCE INTERNA	F	BC	9K00E	A3E							307	A		
F	RAMBOUILLET	15325.000	11	07	1330	1400	20.0	BBC			10K0	A3EG								A		
ROU	BELCIUGATELE	15325.000	27	08	0715	0745	49.4	R. France Int.		BC	9K00	A3E							289	A		Hausa language
F	RAMBOUILLET	15335.000	11	07	0800	1000	20.0	CRI			10K0	A3EG								A		
F	RAMBOUILLET	15335.000	11	07	1200	1300	20.0	CRI			10K0	A3EG								A		
I	ROMA	15335.000	17	07	0924		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
ROU	BELCIUGATELE	15335.000	22	07	0837	0907	45.3	China Radio International	CHN	BC	9K00	A3E							83	A		Russian language
I	ROMA	15335.000	12	08	1233		30.0	R CHINA INTERNATIONAL	CHN	BC	10K0E	A3E							54	A		RUSSIAN LANGUAGE
ROU	BELCIUGATELE	15335.000	23	09	1228	1247	63.2	China Radio International	CHN	BC	10K0	A3E							64	A		Shijiazhuang Russian language
RUS	SAMARA	15335.000	25	09	0655	0800	37.0		KGZ	BC	10K0	A3E	072	E	28	40	N	41	120	A		
RUS	BELGOROD	15335.000	25	09	0800	0810	51.0		CHN	BC	10K0	A3E	075	E	12	39	N	19	98	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	ARKHANGELSK	15335.000	25	09	0801	0809	50.0	China Radio Int.	CHN	BC		A3E							124	B		
RUS	S. PETERSBURG	15335.000	25	09	0801	0809	50.0	China Radio Int.	CHN	BC		A3E							106	B		
RUS	SAMARA	15335.000	25	09	1200	1310	20.0		CHN	BC	10K0	A3E	113	E	01	37	N	03	84	A		
RUS	MOROZOVSK	15335.000	25	09	1245	1300	23.0		CHN	BC	6K00	A3E	114	E	28	37	N	49	75	B		
KOR	CRMS	15340.000	01	07	0419	0419	19.9		CHN	BC	14K5	A3E									6	
G	BALDOCK	15340.000	07	07				SOH XI WANG ZHI SHEG	CHN	BC	9K00E	A3E							61	B		
INS	MSKH-KUPANG	15340.000	23	07	0341	0343	24.5		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	15340.000	24	07	1052	1056	16.0		CHN	BC	12K0	A3E										SOH RELY RFA
INS	MSPA-SAMARINDA	15340.000	29	07	0246	0248	27.4		CHN	BC	9K00E	A3E										
KOR	CRMS	15340.000	01	08	0522	0522	10.6		CHN	BC	12K4	A3E									6	
INS	MSKH-KUPANG	15340.000	07	08	0556	0558	22.2		CHN	BC	9K00E	A3E							38	C		
KOR	CRMS	15340.000	05	09	0433	0433	0.7		CHN	BC	14K3	A3E									6	
F	RAMBOUILLET	15350.000	11	07	0600	1100	13.0	CRI			10K0	A3EG -								A		
F	RAMBOUILLET	15350.000	11	07	1130	1225	40.0	VOICE OF TURKEY			10K0	A3EG -								A		
F	RAMBOUILLET	15350.000	12	07	0700	1100	20.0	CRI			10K0	A3EG -								A		
F	RAMBOUILLET	15350.000	12	07	1130	1225	47.0	VOICE OF TURKEY			10K0	A3EG -								A		
ROU	BELCIUGATELE	15350.000	15	07	1130	1200	81.8	Voice of Turkey	TUR	BC	9K00	A3E							136	A		German language
ROU	BELCIUGATELE	15350.000	13	08	1200	1230	77.4	Voice of Turkey	TUR	BC	9K00	A3E							137	A		German language
ROU	BELCIUGATELE	15350.000	23	09	1207	1227	63.0	Voice of Turkey	TUR	BC	10K0	A3E							135	A		Emirler German language
I	ROMA	15350.000	24	09	0657			CHINA R. INTERNATIONAL	CHN	BC	10K0E	A3E							70	A		
RUS	BELGOROD	15350.000	25	09	0550	0605	23.0		CHN	BC	10K0	A3E	075	E	41	39	N	14	98	B		
RUS	ARKHANGELSK	15350.000	25	09	0746	0752	28.0		CHN	BC		A3E							125	B		
RUS	S. PETERSBURG	15350.000	25	09	0746	0752	28.0		CHN	BC		A3E							106	B		
KOR	CRMS	15360.000	01	07	0419	0419	9.2		CHN	BC	14K6	A3E									6	
G	BALDOCK	15360.000	07	07				SOH XI WANG ZHI SHEN	CHN	BC	9K00E	A3E							61	B		
F	RAMBOUILLET	15360.000	12	07	0700	1500	20.0	SHO XI WANG ZHI SHENG			10K0	A3EG -								A		
INS	MSKH-KUPANG	15360.000	23	07	0344	0345	15.0		CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	15360.000	29	07	0249	0252	14.6		CHN	BC	9K00E	A3E										
KOR	CRMS	15360.000	02	08	0606	0606	5.2		CHN	BC	14K8	A3E									6	
ROU	BELCIUGATELE	15360.000	29	08	1304	1357	41.7	Soh Xi Wang Zhi Sheng	CHN	BC	10K0	A3E							73	A		Miaoli Chinese language
KOR	CRMS	15360.000	03	09	0634	0634	17.3		CHN	BC	14K8	A3E									6	
INS	MSKH-KUPANG	15360.000	18	09	0740	0742	58.7		CHN	BC	10K0	A3E										
I	ROMA	15365.000	10	07	0729		20.0	USAGM	KWT	BC	10K0E	A3E							102	A		
F	RAMBOUILLET	15365.000	12	07	0700	1000	20.0	MASHAAL RADIO			10K0	A3EG -								A		
ROU	BELCIUGATELE	15365.000	23	09	1155	1225	44.9	Mashaal Radio	THA	BC	10K0	A3E							87	A		Udon Thani Pashto language
RUS	BELGOROD	15365.000	25	09	0720	0730	25.0		KWT	BC	10K0	A3E	047	E	40	29	N	31	155	B		
RUS	S. PETERSBURG	15365.000	25	09	0754	0759	39.0		IRQ	BC		A3E							150	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	ARKHANGELSK	15365.000	25	09	0754	0759	13.0		IRQ	BC		A3E							169	B		
INS	MSCK-TANGERANG	15370.000	01	07	0300	0730	24.7		CHN	BC	6K00	A3E							330			
F	RAMBOUILLET	15370.000	12	07	0700	1100	20.0	CNR 1 VOICE OF CHINE			10K0	A3EG								A		
INS	MSKH-KUPANG	15370.000	23	07	0345	0347	29.3		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	15370.000	24	07	1056	1058	16.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSCK-TANGERANG	15370.000	29	07	0201	0202			CHN	BC	9K00E	A3E	114	E	28	37	N	49				
INS	MSPA-SAMARINDA	15370.000	29	07	0253	0255	22.1		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15370.000	02	08	0722	0725	25.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15370.000	07	08	0558	0600	22.6		CHN	BC	9K00E	A3E							6	B		
INS	MSPA-SAMARINDA	15370.000	30	08	0925	0930	26.8		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15370.000	18	09	0742	0745	56.3		CHN	BC	10K0	A3E										
F	RAMBOUILLET	15375.000	12	07	1330	1520	28.0	FU HSING BS			10K0	A3EG								A		
KOR	CRMS	15375.000	06	08	0611	0611	-3.5		CHN	BC	14K9	A3E									6	
KOR	CRMS	15375.000	24	09	0626	0626	34.4		CHN	BC	14K7	A3E									6	
G	BALDOCK	15380.000	08	07				CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E							50	B		
F	RAMBOUILLET	15380.000	12	07	0700	1100	20.0	CNR 1 VOICE OF CHINE			10K0	A3EG								A		
INS	MSKH-KUPANG	15380.000	23	07	0350	0352	16.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15380.000	30	07	1255	1257			CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSKH-KUPANG	15380.000	07	08	0600	0602	35.4		CHN	BC	9K00E	A3E							32	C		
INS	MSCK-TANGERANG	15380.000	18	09	0845	0845	57.9		CHN	BC	9K00E	A3E										
RUS	BELGOROD	15380.000	25	09	0810	0820	17.0		CHN	BC	9K00	A3E	116	E	47	39	N	04	69	B		
RUS	S. PETERSBURG	15380.000	25	09	0831	0839	23.0		CHN	BC		A3E							70	B		
RUS	ARKHANGELSK	15380.000	25	09	0831	0839	9.0		CHN	BC		A3E							82	B		
INS	MSCK-TANGERANG	15390.000	01	07	0300	0730	15.7		CHN	BC	6K00	A3E							330			
G	BALDOCK	15390.000	07	07				R EXTERIOR DE ESPANA	E	BC	9K00E	A3E							189	B		
F	RAMBOUILLET	15390.000	12	07	0700	1100	20.0	CNR 13			10K0	A3EG								A		
F	RAMBOUILLET	15390.000	12	07	1500	1800	12.0	R.EXTERIOR DE ESPANA			10K0	A3EG								A		
INS	MSPA-SAMARINDA	15390.000	29	07	0254	0256	10.5		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15390.000	30	07	1258	1259			CHN	BC	9K00E	A3E	115	E	55	36	N	52				
KOR	CRMS	15390.000	02	08	0606	0606	1.9	CNR	CHN	BC	14K6	A3E									3	
INS	MSKH-KUPANG	15390.000	07	08	0602	0604	28.7		CHN	BC	9K00E	A3E							32	C		
INS	MSKH-KUPANG	15390.000	18	09	0745	0800	49.9		CHN	BC	10K0	A3E										
RUS	BELGOROD	15390.000	25	09	0610	0620	23.0		CHN	BC	10K0	A3E	111	E	46	35	N	55	75	B		
RUS	ARKHANGELSK	15390.000	25	09	0821	0829	15.0		CHN	BC		A3E							90	B		
RUS	S. PETERSBURG	15390.000	25	09	0821	0829	22.0		CHN	BC		A3E							78	B		
RUS	SAMARA	15390.000	25	09	0955	1100	27.0		CHN	BC	10K0	A3E	104	E	39	38	N	44	89	A		
ROU	BELCIUGATELE	15400.000	03	07	1105	1136	45.3	All India Radio	IND	BC	10K0	A3E							70	A		Bengaluru 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
F	RAMBOUILLET	15400.000	12	07	0900	1200	20.0	ALL INDIA RADIO			10K0	A3EG								A		
ROU	BELCIUGATELE	15400.000	29	08	1103	1158	47.3	All India Radio	IND	BC	10K0	A3E							69	A		Bengaluru Chinese langauge
ROU	BELCIUGATELE	15400.000	23	09	1125	1200	50.2	China National Radio	CHN	BC	10K0	A3E							65	A	3	Chinese language
RUS	SAMARA	15400.000	25	09	1045	1200	26.0		CHN	BC	10K0	A3E	075	E	19	38	N	48	119	A		
RUS	IRKUTSK	15400.000	25	09	1100	1130	37.0		CHN	BC	10K5	A3E	112	E	58	37	N	25	155	A		
RUS	SAMARA	15400.000	25	09	1400	1415	32.0		CHN	BC	10K0	A3E	120	E	44	39	N	57	76	A		
RUS	ARKHANGELSK	15400.000	25	09	1825	1835	41.0		G	BC	9K66	A3E							258	B		
RUS	S. PETERSBURG	15400.000	25	09	1825	1835	53.0		G	BC	9K29	A3E							262	B		
INS	MSCK-TANGERANG	15410.000	01	07	0300	0730	26.9		IND	BC	6K00	A3E							330			
KOR	CRMS	15410.000	02	07	0645	0645	7.8		CHN	BC	14K8	A3E									6	
INS	MSWR-MERAUKE	15410.000	03	07	0156	0200	22.7		IND	BC	9K00	A3E										
F	RAMBOUILLET	15410.000	15	07	1400	1500	32.0	CRI			10K0	A3EG								A		
INS	MSTM-MEDAN	15410.000	24	07	1059	1100	17.0		IND	BC	12K0	A3E										ALL INDIA RADIO
KOR	CRMS	15410.000	25	07	0426	0426	38.8		CHN	BC	13K3	A3E									6	
INS	MSPA-SAMARINDA	15410.000	29	07	0257	0259	27.2		IND	BC	9K00E	A3E										
KOR	CRMS	15410.000	01	08	0523	0523	10.3		CHN	BC	14K6	A3E									6	
INS	MSKH-KUPANG	15410.000	02	08	0727	0730	11.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15410.000	07	08	0604	0607	26.4		CHN	BC	9K00E	A3E							19	C		
INS	MSTM-MEDAN	15410.000	19	08	1023	1025			IND	BC	6K00E	A3E										
INS	MSPA-SAMARINDA	15410.000	30	08	0900	0910	25.1		CHN	BC	9K00E	A3E										
KOR	CRMS	15410.000	04	09	0024	0024	10.4		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	15410.000	18	09	0842	0843	48.5		CHN	BC	9K00E	A3E										
RUS	S. PETERSBURG	15410.000	25	09	0831	0839	25.0		CHN	BC		A3E							78	B		
RUS	ARKHANGELSK	15410.000	25	09	0843	0849	12.0		CHN	BC		A3E							90	B		
RUS	SAMARA	15410.000	25	09	1400	1600	30.0		KAZ	BC	10K0	A3E	068	E	04	43	N	54	120	A		
INS	MSPA-SAMARINDA	15425.000	10	07	0819	0820	18.1		CHN	BC	3K00E	A3E							0			China Radio International
F	RAMBOUILLET	15425.000	15	07	0740	0955	22.0				20K0E	PXX								A	9	OTHR
F	RAMBOUILLET	15425.000	15	07	1500	1800	23.0				20K0E	PXX								A	9	OTHR
INS	MSPA-SAMARINDA	15425.000	22	07	0829	0830	42.1		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSTM-MEDAN	15425.000	23	07	0950	0952	14.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSCK-TANGERANG	15425.000	29	07	0205	0206			CHN	BC	9K00E	A3E	108	E	36	34	N	22				
INS	MSPA-SAMARINDA	15425.000	29	07	0300	0303	29.1		CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	15425.000	29	07	0802	0803	42.9		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	15425.000	01	08	0849	0850	45.8		KOR	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	15425.000	02	08	1016	1017	31.7		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	15425.000	05	08	0845	0846	34.6		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	15425.000	20	08	0852	0853	34.9		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	15425.000	06	09	0846	0847	31.1		CHN	BC	3K00E	A3E							0			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	15425.000	11	09	0235	0238	42.3		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15425.000	12	09	0129	0131	64.9		CHN	BC	9K00E	A3E										
RUS	SAMARA	15425.000	25	09	1400	1535	25.0		ROU	BC	10K0	A3E	026	E	45	47	N	05	258	A		
ROU	BELCIUGATELE	15430.000	18	07	1215	1245	56.5	Adventist World R.	CLN	BC	9K00	A3E							115	A		Balichi language
ROU	BELCIUGATELE	15430.000	23	09	1243	1316	51.4	KSDA Adventist Worl Radio	CHN	BC	10K0	A3E							62	A		Tianjin language
G	BALDOCK	15434.000	05	09					RUS	LR	20K0E	P0N							69	A		
INS	MSCK-TANGERANG	15435.000	29	07	0212	0213			INS	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	15435.000	29	07	0304	0305	23.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15435.000	28	08	1255	1257	63.6		PHL	BC	9K00E	A3E	120	E	54	14	N	48				
F	RAMBOUILLET	15445.000	15	07	1600	1700	33.0	CRI			10K0	A3EG								A		
INS	MSCK-TANGERANG	15445.000	11	09	0235	0240	35.2		CLN	BC	8K00E	A3E										
RUS	SAMARA	15445.000	25	09	0515	0554	35.0		KGZ	BC	10K0	A3E	072	E	33	40	N	49	120	A		
KOR	CRMS	15450.000	10	07	0015	0015	5.6		PHL	BC	14K8	A3E										6
F	RAMBOUILLET	15450.000	16	07	0700	1800	43.0	FEBC			10K0E	A3EG								A		
KOR	CRMS	15450.000	07	08	0018	0018	12.0		PHL	BC	14K5	A3E										6
INS	MSPA-SAMARINDA	15450.000	30	08	0900	0910	36.1		PHL	BC	9K00E	A3E										
KOR	CRMS	15450.000	04	09	0024	0024	-4.4		PHL	BC	14K7	A3E										6
G	BALDOCK	15450.000	07	09				ADVENTIST WORLDRADIO	USA	BC	9K00E	A3E							38	B		
RUS	MOROZOVSK	15450.000	26	09	1200	1400	14.0		CHN	BC	6K00	A3E	139	E	59	18	N	30	70	B		
ROU	BELCIUGATELE	15460.000	18	07	1210	1240	44.3	Reach Beyond Australia(HCJB)	AUS	BC	9K00	A3E							99	A		Kannada language
ROU	BELCIUGATELE	15460.000	08	08	1230	1300	46.6	Reach Beyond Australia(HCJB)	AUS	BC	9K00	A3E							97	A		Kannada language
G	BALDOCK	15463.000	07	09					RUS	FC	3K30E	J7D							32	B		
I	ROMA	15465.000	02	07	0616		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
F	RAMBOUILLET	15465.000	16	07	0700	0800	33.0	CRI			10K0	A3EG								A		
RUS	BELGOROD	15465.000	26	09	0630	0640	31.0		CHN	BC	10K0	A3E	075	E	24	39	N	07	98	B		
INS	MSCK-TANGERANG	15480.000	01	07	0300	0730	23.4		CHN	BC	6K00	A3E							330			
G	BALDOCK	15480.000	08	07				CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E							48	B		
F	RAMBOUILLET	15480.000	16	07	1000	1700	30.0	CNR			10K0	A3EG								A		
INS	MSTM-MEDAN	15480.000	24	07	1101	1102	14.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSPA-SAMARINDA	15480.000	29	07	0306	0308	20.1		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15480.000	02	08	0732	0735	16.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15480.000	07	08	0607	0610	34.3		CHN	BC	9K00E	A3E							23	B		
INS	MSTM-MEDAN	15480.000	14	08	0629	0632			CHN	BC	6K00E	A3E										
INS	MSCK-TANGERANG	15480.000	28	08	1253	1253	50.2		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSPA-SAMARINDA	15480.000	30	08	0910	0915	28.5		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15480.000	18	09	0841	0841	64.1		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15480.000	23	09	0712	0713	48.9		CHN	BC	9K00E	A3E							0			CNR 1 Voice of China
RUS	SLAVYANKA	15480.000	26	09	0005	0015	50.0		CHN	BC	8K17	A3E	114	E	21	38	N	30	257	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	IRKUTSK	15480.000	26	09	0400	0430	25.0		CHN	BC	11K8	A3E	116	E	28	40	N	01	143	A		
RUS	S. PETERSBURG	15480.000	26	09	1110	1120	36.0		CHN	BC		A3E							73	B		
RUS	ARKHANGELSK	15480.000	26	09	1110	1120	24.0		CHN	BC		A3E							85	B		
F	RAMBOUILLET	15490.000	16	07	1100	1800	34.0	FREE ASIA RADIO			10K0	A3EG -								A		
ROU	BELCIUGATELE	15490.000	18	07	1200	1230	43.3	R.Free Asia		BC	9K00	A3E							88	A		Tibetan language
ROU	BELCIUGATELE	15490.000	07	08	1355	1425	56.3	R.Free Asia	TJK	BC	9K00	A3E							84	A		Tibetan language
G	BALDOCK	15490.000	05	09				ADVENTIST WORLD RDO	CLN	BC	9K00E	A3E							91	A		
ROU	BELCIUGATELE	15490.000	24	09	1310	1340	62.3	R. Free Asia	TJK	BC	9K00	A3E							86	A		Tibetan language
F	RAMBOUILLET	15500.000	16	07	1100	1800	39.0	AWR			10K0E	A3EG -								A		
INS	MSTM-MEDAN	15500.000	14	08	0633	0635			CLN	BC	6K00E	A3E										
ROU	BELCIUGATELE	15504.000	27	08	0630	0700	69.9	Radio Ndarason Internati	G	BC	9K00	A3E							304	A		Kannada language
I	ROMA	15505.000	02	07	0619		32.0	ENCOMPASS DIGITAL ME	G	BC	10K0E	A3E							320	A		
I	ROMA	15505.000	10	07	0732		37.0	ENCOMPASS DIGITAL ME	G	BC	9K00E	A3E							213	A		
F	RAMBOUILLET	15505.000	17	07	0600	0800	32.0	RADIO NDARASON INTERNATI			10K0E	A3EG -								A		
F	RAMBOUILLET	15505.000	18	07	0700	0800	24.0	R. NDARASON INT.			10K0E	A3EG -								A		
I	ROMA	15505.000	24	07	0713		21.0	ENCOMPASS DIGITAL ME	G	BC	9K00E	A3E							213	A		
INS	MSKH-KUPANG	15505.000	07	08	0610	0614	21.1		G	BC	9K00E	A3E							328	B		
I	ROMA	15505.000	10	09	0656		51.0	ENCOMPASS DIGITAL ME	G	BC	9K00E	A3E							320	A		
I	ROMA	15505.000	24	09	0701		36.0	ENCOMPASS DIGITAL ME	G	BC	9K00E	A3E							320	A		
RUS	SLAVYANKA	15505.000	26	09	0735	0750	32.0		J	BC	2K29	A3E	138	E	54	37	N	01	132	A		
F	RAMBOUILLET	15515.000	17	07	0000	2400	34.0	ADVENTIST WORLD R.			10K0E	A3EG -								A		
G	BALDOCK	15520.000	07	07				R EXTERIOR DE ESPANA	E	BC	9K00E	A3E							191	B		
F	RAMBOUILLET	15520.000	17	07	1500	2300	38.0	R. EXTERIOR DE ASPANA			10K0E	A3EG -								A		
F	RAMBOUILLET	15525.000	17	07	0900	1100	20.0	CHINA RADIO INTERNATIONAL			10K0E	A3EG -								A		
G	BALDOCK	15525.000	07	09				CHINA RADIO INT'L	CHN	BC	9K00E	A3E							62	B		
ROU	BELCIUGATELE	15525.000	20	09	1044	1055	40.0	China National Radio	CHN	BC	10K0	A3E							71	A		Urumqi Hutubi Chinese language
RUS	MOROZOVSK	15525.000	26	09	1200	1400	12.0		CHN	BC	6K00	A3E	084	E	02	45	N	05	80	B		
F	RAMBOUILLET	15530.000	17	07	1830	1930	33.0	KSDA-ADVENTIST WORLD R. GUAM			10K0E	A3EG -								A		
F	RAMBOUILLET	15540.000	17	07	0900	1100	20.0	CNR 2-CHINA BUSINESS RADIO			10K0E	A3EG -								A		
INS	MSPA-SAMARINDA	15540.000	29	07	0309	0311	10.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15540.000	02	08	0736	0738	15.0		CHN	BC	9K00E	A3E										
G	BALDOCK	15540.000	07	09				CNR 2	CHN	BC	9K00E	A3E							53	B		
RUS	IRKUTSK	15540.000	26	09	0400	0430	26.0		CHN	BC	14K3	A3E	110	E	53	37	N	29	162	A		
RUS	S. PETERSBURG	15540.000	26	09	0650	0700	28.0		CHN	BC		A3E							76	B		
RUS	ARKHANGELSK	15540.000	26	09	0650	0700	19.0		CHN	BC		A3E							88	B		
RUS	SLAVYANKA	15540.000	26	09	0716	0730	49.0		CHN	BC	6K39	A3E	104	E	50	32	N	30	252	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	MOROZOVSK	15540.000	26	09	1200	1400	16.0		CHN	BC	9K00	A3E	113	E	33	38	N	19	73	B		
INS	MSCK-TANGERANG	15550.000	01	07	0300	0730	21.9		CHN	BC	6K00	A3E							330			
F	RAMBOUILLET	15550.000	17	07	0900	1100	20.0	CNR 7 RADIO THE GREAT BAY			10K0E	A3EG								A		
INS	MSPA-SAMARINDA	15550.000	29	07	0313	0315	29.5		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15550.000	02	08	0739	0741	31.4		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	15550.000	07	08	0614	0618	36.6		CHN	BC	9K00E	A3E							12	C		
INS	MSPA-SAMARINDA	15550.000	28	08	0750	0800	46.8		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15550.000	28	08	1242	1244	55.1		CHN	BC	9K00E	A3E	111	E	46	40	N	47				
INS	MSPA-SAMARINDA	15550.000	30	08	0920	0925	28.9		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	15550.000	18	09	0839	0840	66.5		CHN	BC	9K00E	A3E										
RUS	SLAVYANKA	15550.000	26	09	0015	0030	44.0		CHN	BC	8K15	A3E	113	E	08	40	N	19	266	A		
RUS	IRKUTSK	15550.000	26	09	0400	0430	25.0		CHN	BC	14K8	A3E	110	E	51	41	N	04	158	A		
RUS	ARKHANGELSK	15550.000	26	09	0830	0840	24.0		CHN	BC		A3E							89	B		
RUS	S. PETERSBURG	15550.000	26	09	0830	0840	30.0		CHN	BC		A3E							75	B		
ROU	BELCIUGATELE	15555.000	15	07	1250	1320	58.8	China Radio International	CHN	BC	9K00	A3E							76	A		English language
ROU	BELCIUGATELE	15555.000	13	08	1210	1240	50.0	China Radio International	CHN	BC	9K00	A3E							70	A		English language
I	ROMA	15560.000	02	07	0622		35.0	ADVENTIST WORLD RADI	AUT	BC	9K00E	A3E							23	A		
INS	MSCK-TANGERANG	15560.000	12	09	0123	0125	56.3		PHL	BC	9K00E	A3E	120	E	54	14	N	48				
INS	MSCK-TANGERANG	15560.000	18	09	0838	0838	56.7		CHN	BC	9K00E	A3E										
RUS	BELGOROD	15560.000	26	09	0805	0815	25.0		CHN	BC	8K30	A3E	108	E	47	34	N	01	79	B		
RUS	S. PETERSBURG	15560.000	26	09	0850	0900	46.0		CHN	BC		A3E							80	B		
RUS	ARKHANGELSK	15560.000	26	09	0850	0900	31.0		CHN	BC		A3E							93	B		
INS	MSCK-TANGERANG	15570.000	01	07	0300	0730	29.7		CHN	BC	6K00	A3E							330			
G	BALDOCK	15570.000	07	09				CNR 11	CHN	BC	9K00E	A3E							58	B		
ROU	BELCIUGATELE	15570.000	20	09	1032	1056	30.4	China National Radio	CHN	BC	10K0	A3E							28	A		Baoji Sifangshan Tibetan language
RUS	SLAVYANKA	15570.000	26	09	0030	0040	41.0		CHN	BC	5K92	A3E	103	E	44	31	N	09	251	A		
RUS	IRKUTSK	15570.000	26	09	0400	0430	17.0		CHN	BC	8K22	A3E	107	E	04	34	N	41	174	A		
RUS	MOROZOVSK	15570.000	26	09	1200	1400	12.0		CHN	BC	6K00	A3E	106	E	38	34	N	14	81	B		
INS	MSTM-MEDAN	15580.000	15	08	0424	0426			PHL	BC	6K00E	A3E										
ROU	BELCIUGATELE	15590.000	18	07	1400	1430	62.2	China Radio International	CHN	BC	9K00	A3E							70	A		English language
ROU	BELCIUGATELE	15590.000	13	08	1215	1245	58.7	China Radio International	CHN	BC	9K00	A3E							70	A		English language
I	ROMA	15595.000	02	07	0625		65.0	VATICAN RADIO	CVA	BC	10K0E	A3E							288	A		
ROU	BELCIUGATELE	15595.000	27	08	0615	0645	63.7	Vatican Radio	CVA	BC	9K00	A3E							263	A		French language
RUS	BELGOROD	15595.000	26	09	0615	0625	50.0		I	BC	8K70	A3E	012	E	22	41	N	50	251	B		
ROU	BELCIUGATELE	15600.000	18	07	1230	1300	61.2	Adventist World R.	UZB	BC	9K00	A3E							70	A		Cantonese language
J	TOKYO	15601.490	10	09	0137				USA			F1B	144	E	42	13	N	26	169	B		GUM
J	TOKYO	15601.500	02	07	0754							F1B							318	D		KOR
J	TOKYO	15601.500	09	07	0607				USA			F1B	144	E	49	13	N	29	169	B		GUM
J	TOKYO	15601.500	24	07	0145							F1B							170	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	15601.500	05	08	2351							F1B							167	D		
J	TOKYO	15601.500	20	08	0755				USA			F1B	144	E	34	13	N	09	168	B		GUM
J	TOKYO	15601.500	27	08	0610				USA			F1B	144	E	51	13	N	32	168	A		GUM
J	TOKYO	15601.500	03	09	0416				USA			F1B	144	E	46	13	N	27	169	B		
G	BALDOCK	15601.500	07	09						MS	1K10E	F1B							9	B		NORTH
J	TOKYO	15601.500	25	09	1008							F1B										
I	ROMA	15610.000	02	07	0628		25.0	USAGM	TJK	BC	10K0E	A3E							75	A		
G	BALDOCK	15610.000	07	07				SOH XI WANG ZHI SHEN	CHN	BC	9K00E	A3E							60	B		
I	ROMA	15610.000	24	07	0715		64.0	ADVENTIST WORLD RADI	AUT	BC	9K00E	A3E							23	A		
KOR	CRMS	15610.000	13	08	0613	0613	17.4		CHN	BC	14K9	A3E									6	
ROU	BELCIUGATELE	15610.000	13	08	1225	1255	43.3	Adventist World R.	TJK	BC	9K00	A3E							87	A		Mongolian language
INS	MSCK-TANGERANG	15610.000	28	08	1240	1241	47.9		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
KOR	CRMS	15610.000	03	09	0644	0644	31.0		CHN	BC	13K9	A3E									6	
I	ROMA	15610.000	10	09	0707		26.0	ADVENTIST WORLD RADI	AUT	BC	9K00E	A3E							23	A		
I	ROMA	15610.000	24	09	0704		27.0	ADVENTIST WORLD RADI	AUT	BC	9K00E	A3E							23	A		
RUS	SLAVYANKA	15610.000	26	09	0045	0055	49.0		CHN	BC	7K45	A3E	109	E	00	34	N	37	252	A		
RUS	BELGOROD	15610.000	26	09	0620	0630	37.0		TJK	BC	7K80	A3E	068	E	42	38	N	19	106	B		
RUS	ARKHANGELSK	15610.000	26	09	1135	1145	32.0		USA	BC		A3E							73	B		
RUS	S. PETERSBURG	15610.000	26	09	1135	1145	45.0		USA	BC	15K5	A3E							65	B		
G	BALDOCK	15625.000	08	07				ADVENTIST WORLD R	CLN	BC	9K00E	A3E							90	B		
INS	MSCK-TANGERANG	15640.000	01	07	0300	0730	18.4		PHL	BC	6K00	A3E							330			
ROU	BELCIUGATELE	15640.000	17	07	1347	1409	68.7	Voa Deewa Radio	D	BC	12K0	A3E							301	A		Lampertheim Pashto language
INS	MSTM-MEDAN	15640.000	13	08	1002	1008			PHL	BC	9K00E	A3E										
J	TOKYO	15640.000	03	09	0418			CHINA N.R.		BC		D7W	114	E	30	30	N	38	265	B		KOR
ROU	BELCIUGATELE	15640.000	04	09	1400	1430	65.6	VOA Deewa Radio	D	BC	9K00	A3E							301	A		Pashto language
INS	MSCK-TANGERANG	15640.000	11	09	0241	0247	36.7		PHL	BC	8K00E	A3E										
RUS	IRKUTSK	15640.000	26	09	0400	0430	20.0		CHN	BC	13K2	F9D	101	E	58	25	N	03	186	A		
F	RAMBOUILLET	15648.000	22	07	0700	1800	20.0				10K0E	A3EG								A	9	
RUS	BELGOROD	15655.000	27	09	0540	0550	51.0		CHN	BC	8K30	A3E	086	E	41	44	N	16	81	B		
J	TOKYO	15658.000	17	07	0425							F1B							321	D		
J	TOKYO	15658.000	24	07	0147				RUS			F1B	132	E	44	43	N	14	325	A		
J	TOKYO	15658.000	05	08	2354				RUS			F1B	132	E	48	42	N	46	328	A		
J	TOKYO	15658.000	14	08	1008							F1B							332	D		
J	TOKYO	15658.000	20	08	0758				RUS			F1B	131	E	51	43	N	36	323	B		
J	TOKYO	15658.000	03	09	0421				RUS			F1B	132	E	56	42	N	49	323	B		TAIWAN
J	TOKYO	15658.010	27	08	0625				RUS			F1B	133	E	04	42	N	45	324	A		
ROU	BELCIUGATELE	15660.000	29	08	1210	1257	41.0	China Radio International		BC	10K0	A3E							82	A		Kashi-saibagh English language
F	RAMBOUILLET	15664.000	22	07	0700	1800	20.0				10K0E	A3EG								A	9	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	15665.000	22	07	0900	1000	28.0	CHINA RADIO INTERNATIONAL			10K0E	A3EG								A		
ROU	BELCIUGATELE	15665.000	20	09	0932	1000	56.2	China Radio International	CHN	BC	10K0	A3E							71	A		Hutubi Xinjiang Russian language
RUS	NOVOSIBIRSK	15665.000	27	09	0400	0430	36.0		CHN	BC	10K3	A3E	086	E	16	44	N	08	168	A		
RUS	IRKUTSK	15665.000	27	09	0400	0430	36.0		CHN	BC	10K7	A3E	086	E	16	44	N	08	243	A		
J	TOKYO	15670.000	09	07	0612					BC		D7W							263	C		
F	RAMBOUILLET	15670.000	22	07	0700	0900	20.0				20K0E	PXX								A	9	OTHR
J	TOKYO	15670.000	10	09	0140			CHINA N.R.		BC		D7W							262	D		
RUS	IRKUTSK	15670.000	27	09	0130	0200	10.0		CHN	BC	12K0	F9D	101	E	57	25	N	37	186	A		
RUS	NOVOSIBIRSK	15670.000	27	09	0600	0630	18.0		CHN	BC	9K90	F9D	101	E	53	25	N	56	147	A		
INS	MSPA-SAMARINDA	15680.000	07	08	0900	0902	34.9		CHN	BC	3K00E	A3E							0			
I	ROMA	15700.000	02	07	0632		36.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	10	07	0735		26.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
F	RAMBOUILLET	15700.000	22	07	0900	1500	20.0	WORLD MUSIC RADIO			10K0	A3EG								A		
I	ROMA	15700.000	24	07	0718		39.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	31	07	0746		22.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
I	ROMA	15700.000	10	09	0709		39.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
ROU	BELCIUGATELE	15700.000	20	09	0915	0944	38.6	World Music Radio	DNK	BC	9K00	A3E							326	A		Randers English language
I	ROMA	15700.000	24	09	0707		35.0	WORLD MUSIC RADIO	DNK	BC	9K00E	A3E							354	A		
INS	MSCK-TANGERANG	15710.000	01	07	0300	0730	19.6		CHN	BC	6K00	A3E							330			
INS	MSKH-KUPANG	15710.000	02	08	0744	0747	17.0		CHN	BC	9K00E	A3E										
I	ROMA	15710.000	24	09	0709		20.0	CHINA NATIONAL RADIO	CHN	BC	9K00E	A3E							51	A		
RUS	IRKUTSK	15710.000	27	09	0200	0230	11.0		CHN	BC	10K5	A3E	115	E	29	39	N	59	146	A		
RUS	NOVOSIBIRSK	15710.000	27	09	0200	0230	22.0		CHN	BC	10K6	A3E	115	E	29	39	N	59	111	A		
RUS	S. PETERSBURG	15710.000	27	09	1310	1320	30.0		CHN	BC	17K1	A3E							107	B		
ROU	BELCIUGATELE	15720.000	19	07	0900	0930	46.5	Voice of Turkey	TUR	BC	9K00	A3E							136	A		Persian language
ROU	BELCIUGATELE	15720.000	14	08	0840	0910	57.0	Voice of Turkey	TUR	BC	9K00	A3E							137	A		Persian language
ROU	BELCIUGATELE	15720.000	20	09	0848	0922	33.9	Voice of Turkey	TUR	BC	9K00	A3E							117	A		Emirler turkish language
RUS	NOVOSIBIRSK	15720.000	27	09	0630	0700	17.0		CHN	BC	9K90	F9D	101	E	58	24	N	58	147	A		
RUS	IRKUTSK	15720.000	27	09	0630	0700	16.0		CHN	BC	10K0	F9D	101	E	58	24	N	58	186	A		
F	RAMBOUILLET	15728.000	23	07	0700	1800	21.0				10K0E	A3EG								A	9	
KOR	CRMS	15740.000	01	07	0421	0421	12.6		CHN	BC	14K3	A3E									6	
KOR	CRMS	15740.000	21	08	0042	0042	22.9		CHN	BC	14K8	A3E									6	
RUS	IRKUTSK	15740.000	27	09	0230	0300	25.0		CHN	BC	10K4	A3E	111	E	41	35	N	44	161	A		
I	ROMA	15750.000	10	07	0738		22.0	USAGM	KWT	BC	9K00E	A3E							102	A		
F	RAMBOUILLET	15750.000	23	07	0700	1600	22.0	WORLD MUSIC RADIO			10K0E	A3EG								A		
F	RAMBOUILLET	15750.000	23	07	0700	1300	20.0	MASHAAL RADIO			10K0E	A3EG								A		
I	ROMA	15750.000	24	07	0720		20.0	USAGM	KWT	BC	9K00E	A3E							102	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSTM-MEDAN	15750.000	24	07	1103	1106	20.0		PAK	BC	12K0	A3E										MASHAAL RADIO
ROU	BELCIUGATELE	15750.000	29	08	1219	1259	47.9	Radio Mashaal	THA	BC	10K0	A3E							88	A		Udon Thani Pashto language
ROU	BELCIUGATELE	15750.000	30	08	0749	0815	29.7	Radio Mashaal	KWT	BC	3K00	A3E							128	A		Kuwait Pashto language
G	BALDOCK	15750.000	07	09				MASHAAL RADIO	KWT	BC	9K00E	A3E							102	B		
ROU	BELCIUGATELE	15750.000	20	09	0852	0930	43.6	Mashaal Radio	KWT	BC	20K0	A3E							128	A		Al Jahra pashto language
I	ROMA	15750.000	24	09	0712		20.0	USAGM	KWT	BC	9K00E	A3E							102	A		
J	TOKYO	15759.940	05	08	2357														318	D		
KOR	CRMS	15760.000	05	07	0649	0649	3.8		CHN	BC	14K3	A3E									6	
J	TOKYO	15760.000	09	07	0614				CHN	BC		D7W	124	E	25	47	N	10	319	B		
KOR	CRMS	15760.000	22	08	0438	0438	17.6		CHN	BC	14K9	A3E									6	
KOR	CRMS	15760.000	03	09	0646	0646	29.0		CHN	BC	13K1	A3E									6	
G	BALDOCK	15760.000	07	09				SOUND OF HOPE	CHN	BC	9K00E	A3E							50	B		
INS	MSCK-TANGERANG	15760.000	12	09	1257	1258	49.2		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
RUS	NOVOSIBIRSK	15760.000	27	09	1000	1030	34.0		CHN	BC	11K7	A3E	101	E	00	25	N	10	149	A		
RUS	IRKUTSK	15760.000	27	09	1000	1030	20.0		CHN	BC	10K5	A3E	101	E	00	25	N	10	186	A		
RUS	S. PETERSBURG	15760.000	27	09	1330	1340	37.0		CHN	BC	10K7	A3E							76	B		
J	TOKYO	15760.030	02	07	0758														317	D		
I	ROMA	15770.000	02	07	0635		39.0	RADIO SLOVAKIA INTER	USA	BC	9K00E	A3E							293	A		
G	BALDOCK	15770.000	07	07				WRMI WAVE SCAN	USA	BC	9K00E	A3E							285	B		
G	BALDOCK	15770.000	08	07	0000			THE OVERCOMER MINIS	USA	BC	9K00E	A3E							283	B		
I	ROMA	15770.000	10	07	0741		29.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
I	ROMA	15770.000	24	07	0724		35.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
I	ROMA	15770.000	31	07	0750		34.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
ROU	BELCIUGATELE	15770.000	30	08	0817	1051	37.7	WRMI The Overcomer Minis	USA	BC	4K20	A3E							302	A		Okeechobee English Language
G	BALDOCK	15770.000	07	09				WRMI	USA	BC	9K00E	A3E							280	B		
I	ROMA	15770.000	10	09	0714		24.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
I	ROMA	15770.000	24	09	0733		37.0	THE OVERCOMER MINIST	USA	BC	9K00E	A3E							293	A		
G	BALDOCK	15775.000	08	07				SOH XI WANG ZHI SHEN	CHN	BC	9K00E	A3E							62	B		
G	BALDOCK	15778.000	07	09					UKR	FC	290HE	F1B							95	B		
INS	MSCK-TANGERANG	15785.000	01	07	0300	0730	33.7		CHN	BC	6K00	A3E							330			
RUS	NOVOSIBIRSK	15785.000	27	09	0300	0330	34.0		CHN	BC	10K4	A3E	108	E	01	34	N	12	130	A		
RUS	IRKUTSK	15785.000	27	09	0300	0330	21.0		CHN	BC	10K6	A3E	108	E	01	34	N	12	171	A		
J	TOKYO	15792.010	17	09	2358				RUS			F1B	156	E	32	53	N	25	27	B		
KOR	CRMS	15800.000	01	07	0421	0421	3.5		CHN	BC	13K9	A3E									6	
ROU	BELCIUGATELE	15800.000	17	07	1324	1351	45.4	Soh Xi Wang	CHN	BC	10K0	A3E							74	A		Miaoli Chinese language
J	TOKYO	15800.000	24	07	0150					BC		A3E							247	D		
KOR	CRMS	15800.000	26	07	0640	0640	39.1		CHN	BC	14K9	A3E									6	
KOR	CRMS	15800.000	01	08	0528	0528	20.0		CHN	BC	12K0	A3E									6	
INS	MSTM-MEDAN	15800.000	07	08	0342	0345	22.1		CHN	BC	6K00E	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSTM-MEDAN	15800.000	14	08	0636	0638			CHN	BC	6K00E	A3E										
J	TOKYO	15800.000	27	08	0654			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	15800.000	03	09	0646	0646	13.4		CHN	BC	14K7	A3E										6
KOR	CRMS	15800.000	10	09	0624	0624	13.9		CHN	BC	13K2	A3E										6
INS	MSCK-TANGERANG	15800.000	18	09	0835	0836	54.3		CHN	BC	9K00E	A3E										
RUS	IRKUTSK	15800.000	27	09	0900	0930	24.0		CHN	BC	10K9	A3E	086	E	56	44	N	52	243	A		
RUS	NOVOSIBIRSK	15800.000	27	09	0900	0930	21.0		CHN	BC	10K6	A3E	086	E	56	44	N	52	165	A		
I	ROMA	15814.000	09	07	1047		19.0			FX	3K00E	G1D							107	A		
RUS	S. PETERSBURG	15814.000	27	09	0632	0641	11.0		CYP	FX		G1D							173	B		
RUS	ARKHANGELSK	15814.000	27	09	0632	0641	6.0		CYP	FX		G1D							192	B		
J	TOKYO	15819.740	09	07	0616			SOUND OF HOPE		BC		A3E	120	E	25	23	N	46	241	B	11	TAIWAN
ROU	BELCIUGATELE	15825.000	17	07	1250	1323	39.8	WWCR	USA	BC	10K0	A3E							310	B		Nashville English language
G	BALDOCK	15825.000	13	09				WWCR	USA	BC	6K00E	A3E							289	B		TX
J	TOKYO	15839.700	20	08	0805			SOUND OF HOPE		BC		A3E	127	E	11	36	N	53	282	B	11	KOR
J	TOKYO	15839.700	03	09	0424			SOUND OF HOPE		BC		A3E	126	E	46	37	N	11	282	B	11	
J	TOKYO	15839.700	10	09	0142			SOUND OF HOPE		BC		A3E	127	E	15	36	N	45	281	B	11	KOR
J	TOKYO	15839.720	27	08	0657			SOUND OF HOPE		BC		A3E							281	C	11	
J	TOKYO	15839.720	18	09	0001			SOUND OF HOPE		BC		A3E	126	E	56	37	N	01	281	B	11	KOR
J	TOKYO	15839.730	24	07	0151			SOUND OF HOPE		BC		A3E	121	E	20	23	N	54	240	B	11	TAIWAN
J	TOKYO	15839.730	06	08	0000			SOUND OF HOPE		BC		A3E	127	E	11	37	N	11	283	A	11	KOR
J	TOKYO	15839.730	25	09	1011			SOUND OF HOPE		BC		A3E							282	D	11	
J	TOKYO	15839.740	09	07	0617			SOUND OF HOPE		BC		A3E	127	E	44	36	N	52	281	A	11	KOR
J	TOKYO	15839.750	10	09	0154			SOUND OF HOPE		BC		A3E							281	C	11	
J	TOKYO	15856.130	20	08	0808				AUS			J2B	144	E	07	30	S	05	176	B		
J	TOKYO	15857.980	14	08	1018														195	D		
J	TOKYO	15869.660	09	07	0619			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	15869.660	18	09	0002			SOUND OF HOPE		BC		A3E	121	E	05	22	N	59	238	B	11	TAIWAN
J	TOKYO	15869.660	25	09	1012			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	15869.670	10	09	0147			SOUND OF HOPE		BC		A3E							241	C	11	
J	TOKYO	15869.680	20	08	0812			SOUND OF HOPE		BC		A3E	120	E	46	23	N	31	239	B	11	TAIWAN
J	TOKYO	15870.000	20	08	0814				RUS			F1B	131	E	58	43	N	32	321	B		
J	TOKYO	15889.950	17	07	0430			SOUND OF HOPE		BC		A3E							238	D	11	
J	TOKYO	15889.960	09	07	0626			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	15889.960	27	08	0659			SOUND OF HOPE		BC		A3E	121	E	10	23	N	45	240	A	11	TAIWAN
J	TOKYO	15889.960	03	09	0425			SOUND OF HOPE		BC		A3E	120	E	55	23	N	02	238	B	11	
J	TOKYO	15889.970	10	09	0148			SOUND OF HOPE		BC		A3E	120	E	27	24	N	01	242	B	11	TAIWAN
J	TOKYO	15889.970	25	09	1013			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	15889.980	14	08	1018			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	15889.980	20	08	0818			SOUND OF HOPE		BC		A3E	121	E	18	23	N	58	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	15889.990	24	07	0152			SOUND OF HOPE		BC		A3E	121	E	20	23	N	54	240	B	11	TAIWAN
J	TOKYO	15890.000	18	09	0003				CHN			J3E	120	E	30	23	N	20	239	B		TAIWAN
J	TOKYO	15919.820	09	07	0627			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	15919.970	03	09	0428			CHINA N.R.		BC		A3E									11	
INS	MSCK-TANGERANG	15920.000	01	07	0300	0730	32.3		CHN	BC	6K00	A3E							330			
KOR	CRMS	15920.000	01	07	0422	0422	-1.1		CHN	BC	14K9	A3E									11	
J	TOKYO	15920.000	02	07	0810			CHINA N.R.		BC		A3E	088	E	27	43	N	33	298	B	11	
J	TOKYO	15920.000	09	07	0627			CHINA N.R.		BC		A3E	124	E	01	46	N	47	318	B	11	
J	TOKYO	15920.000	17	07	0432			CHINA N.R.		BC		A3E							297	D	11	
KOR	CRMS	15920.000	26	07	0640	0640	32.9		CHN	BC	14K9	A3E									11	
KOR	CRMS	15920.000	01	08	0528	0528	11.3		CHN	BC	14K9	A3E									11	
J	TOKYO	15920.000	06	08	0003					BC		A3E							276	D		
J	TOKYO	15920.000	14	08	1020			CHINA N.R.		BC		A3E							250	D	11	
J	TOKYO	15920.000	20	08	0819			CHINA N.R.		BC		A3E	126	E	33	46	N	46	321	B	11	
ROU	BELCIUGATELE	15920.000	30	08	1016	1059	37.3	SOH Xi Wang Zhi Sheng	CHN	BC	10K0	A3E							49	B		Miaoli Chinese language
KOR	CRMS	15920.000	03	09	0649	0649	10.2		CHN	BC	14K8	A3E									11	
J	TOKYO	15920.000	10	09	0153			CHINA N.R.		BC		A3E							248	D	11	
J	TOKYO	15920.000	18	09	0009				CHN	BC		A3E	116	E	28	39	N	34	290	B		
J	TOKYO	15920.000	25	09	1014			CHINA N.R.		BC		A3E							299	D	11	
RUS	IRKUTSK	15920.000	30	09	0200	0230	19.0		CHN	BC	10K3	A3E	101	E	39	25	N	05	186	A	11	
RUS	S. PETERSBURG	15920.000	30	09	0740	0800	40.0		CHN	BC		A3E							60	B		
J	TOKYO	15939.830	18	09	0010			SOUND OF HOPE		BC		A3E	120	E	36	23	N	11	240	B	11	TAIWAN
J	TOKYO	15939.850	20	08	0820							J2B							355	B		
J	TOKYO	15939.960	09	07	0631			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	15939.960	17	07	0434			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	15939.970	02	07	0811			SOUND OF HOPE		BC		A3E							240	D	11	
KOR	CRMS	15940.000	01	07	0422	0422	-4.9		CHN	BC	14K9	A3E									11	
J	TOKYO	15940.000	09	07	0632				RUS			F1B	135	E	34	48	N	36	346	B		
KOR	CRMS	15940.000	01	08	0528	0528	-7.6		CHN	BC	14K9	A3E									11	
J	TOKYO	15940.000	06	08	0010			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	15940.000	03	09	0431				KRE			J2B	126	E	49	40	N	01	297	B		
J	TOKYO	15959.000	09	07	0639							F1B										
G	BALDOCK	15959.000	13	09					USA	FX	1K20E	F1B							287	B		75
J	TOKYO	15969.730	18	09	0011			SOUND OF HOPE		BC		A3E	120	E	33	23	N	40	241	B	11	TAIWAN
J	TOKYO	15969.740	20	08	0826			SOUND OF HOPE		BC		A3E	121	E	27	25	N	16	243	B	11	TAIWAN
INS	MSCK-TANGERANG	15970.000	01	07	0300	0730	27.2		CHN	BC	6K00	A3E							330			
KOR	CRMS	15970.000	01	07	0422	0422	3.9		CHN	BC	14K8	A3E									11	
J	TOKYO	15970.000	02	07	0818			CHINA N.R.		BC		A3E	110	E	31	35	N	36	278	A	11	
J	TOKYO	15970.000	09	07	0640			CHINA N.R.		BC		A3E							248	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	17	07	0436			CHINA N.R.		BC		A3E							248	D	11	
J	TOKYO	15970.000	24	07	0154					BC		A3E							289	D		
KOR	CRMS	15970.000	26	07	0640	0640	31.8		CHN	BC	14K7	A3E									11	
KOR	CRMS	15970.000	01	08	0528	0528	0.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	15970.000	05	08	0424	0424	24.0		CHN	BC	14K9	A3E									11	
J	TOKYO	15970.000	06	08	0012					BC		A3E							316	D		
J	TOKYO	15970.000	14	08	1025			CHINA N.R.		BC		A3E							316	D	11	
J	TOKYO	15970.000	03	09	0433			CHINA N.R.		BC		A3E	119	E	33	26	N	05	248	B	11	TAIWAN
KOR	CRMS	15970.000	03	09	0650	0650	19.7		CHN	BC	10K7	A3E									11	
J	TOKYO	15970.000	10	09	0154			CHINA N.R.		BC		A3E							298	C	11	
KOR	CRMS	15970.000	10	09	0625	0625	13.0		CHN	BC	14K7	A3E									11	
INS	MSCK-TANGERANG	15970.000	11	09	0246	0251	41.6			BC	9K00E	A3E										
G	BALDOCK	15970.000	15	09				Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E							70	C		
J	TOKYO	15970.000	18	09	0011				CHN	BC		A3E	116	E	37	39	N	29	288	B		
J	TOKYO	15970.000	25	09	1026			CHINA N.R.		BC		A3E							264	D	11	
RUS	SLAVYANKA	15970.000	30	09	0124	0140	39.0		CBG	BC	6K56	A3E	104	E	03	11	N	17	225	A	11	
RUS	IRKUTSK	15970.000	30	09	0230	0300	14.0		CHN	BC	10K1	A3E	109	E	41	18	N	49	172	A	11	
J	TOKYO	15979.000	02	07	0817							F1B										
J	TOKYO	15998.750	03	09	0434				CHN				121	E	40	31	N	14	260	B		
J	TOKYO	16010.500	18	09	0022				KRE				125	E	36	38	N	59	263	B		
J	TOKYO	16047.000	02	07	0822							F1B										
J	TOKYO	16047.000	09	07	0642				USA			F1B	158	W	11	21	N	33	87	B		HWA
J	TOKYO	16047.000	14	08	1032							F1B							88	D		
J	TOKYO	16054.990	14	08	1033							F1B										
J	TOKYO	16099.930	03	09	0437			SOUND OF HOPE		BC		A3E	121	E	34	25	N	11	243	B	11	TAIWAN
J	TOKYO	16099.990	14	08	1036			CHINA N.R.		BC		A3E							245	D	11	
KOR	CRMS	16100.000	01	07	0422	0422	2.9		CHN	BC	14K6	A3E									11	
J	TOKYO	16100.000	02	07	0827			CHINA N.R.		BC		A3E										
J	TOKYO	16100.000	09	07	0643			CHINA N.R.		BC		A3E							246	D	11	
J	TOKYO	16100.000	17	07	0456			CHINA N.R.		BC		A3E							318	C	11	
KOR	CRMS	16100.000	26	07	0640	0640	38.6		CHN	BC	10K2	A3E									11	
KOR	CRMS	16100.000	01	08	0529	0529	14.6		CHN	BC	14K4	A3E									11	
J	TOKYO	16100.000	06	08	0018					BC		A3E							267	D		
J	TOKYO	16100.000	20	08	0827			CHINA N.R.		BC		A3E	119	E	26	26	N	14	248	B	11	
J	TOKYO	16100.000	27	08	0705			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	16100.000	27	08	0828	0828	48.7		CHN	BC	11K8	A3E									11	
KOR	CRMS	16100.000	03	09	0650	0650	14.6		CHN	BC	14K7	A3E									11	
KOR	CRMS	16100.000	10	09	0625	0625	14.6		CHN	BC	11K5	A3E									11	
G	BALDOCK	16100.000	15	09				Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E							70	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	16100.000	18	09	0024				CHN	BC		A3E	119	E	23	26	N	05	248	B		
INS	MSKH-KUPANG	16100.000	23	09	0623	0625	42.0		CHN	BC	10K0	A3E										
J	TOKYO	16100.000	25	09	1033			CHINA N.R.		BC		A3E							252	D	11	
I	ROMA	16128.000	09	07	1050		31.0			FX	3K00E	G1D							345	A		
I	ROMA	16128.000	05	08	0922		16.0			FX	3K00E	G1D							344	A		
J	TOKYO	16134.990	10	09	0203							F3C							87	D		
INS	MSKH-KUPANG	16135.000	19	08	0440	0448	15.2		USA	FX	100HE	F3C										
G	BALDOCK	16150.000	13	09					E	LR	100KE	F0N							196	B		
J	TOKYO	16159.990	24	07	0159					BC		A3E							265	B		
KOR	CRMS	16160.000	01	07	0422	0422	1.4		CHN	BC	14K1	A3E									11	
J	TOKYO	16160.000	02	07	0833			CHINA N.R.		BC		A3E										
J	TOKYO	16160.000	09	07	0644			CHINA N.R.		BC		A3E	087	E	13	43	N	34	299	B	11	
J	TOKYO	16160.000	17	07	0458			CHINA N.R.		BC		A3E							247	C	11	
KOR	CRMS	16160.000	19	07	0742	0742	22.9		CHN	BC	14K8	A3E									11	
INS	MSPA-SAMARINDA	16160.000	29	07	0200	0202	21.9		CHN	BC	9K00E	A3E										
KOR	CRMS	16160.000	01	08	0530	0530	-0.4		CHN	BC	14K9	A3E									11	
J	TOKYO	16160.000	14	08	1038			CHINA N.R.		BC		A3E							250	D	11	
J	TOKYO	16160.000	20	08	0835			CHINA N.R.		BC		A3E									11	
KOR	CRMS	16160.000	27	08	0828	0828	44.4		CHN	BC	13K4	A3E									11	
J	TOKYO	16160.000	03	09	0438			CHINA N.R.		BC		A3E	087	E	39	43	N	14	297	B	11	
KOR	CRMS	16160.000	03	09	0650	0650	17.5		CHN	BC	11K3	A3E									11	
J	TOKYO	16160.000	10	09	0205			CHINA N.R.		BC		A3E							298	C	11	
KOR	CRMS	16160.000	10	09	0625	0625	12.4		CHN	BC	13K2	A3E									11	
G	BALDOCK	16160.000	15	09				Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E							70	C		
J	TOKYO	16160.000	18	09	0026				CHN	BC		A3E	121	E	02	32	N	03	263	B		
INS	MSKH-KUPANG	16160.000	23	09	0626	0629	60.8		CHN	BC	10K0	A3E										
J	TOKYO	16160.000	25	09	1038			CHINA N.R.		BC		A3E							294	D	11	
I	ROMA	16160.000	27	09	0457		13.0			BC	10K0E	A3E							61	A	3	CHINESE LANGUAGE
J	TOKYO	16160.020	27	08	0707			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16176.000	02	07	0835							F1B							352	D		GUM
J	TOKYO	16176.000	20	08	0838				RUS			F1B	137	E	10	50	N	09	351	B		
I	ROMA	16200.000	15	07	0705		13.0	1EB41EB2952	RUS	FX	250HE	F1B							39	A		50BD
J	TOKYO	16202.700	09	07	0652														277	C		
I	ROMA	16207.000	09	07	1051		12.0	1EB41EB2952	RUS	FX	250HE	F1B							14	A		50BD
J	TOKYO	16207.000	25	09	1041							F1B							337	C		
J	TOKYO	16233.050	20	08	0839				RUS			F1B	113	E	42	51	N	42	318	B		
ROU	BELCIUGATELE	16240.000	25	07	0845	0915	64.4	Egyptian Embassy Network	EGY	FX	3K00	F1B							152	A		DATA:TELEX
J	TOKYO	16249.600	09	07	0656			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	16250.000	08	07	0427	0427	-9.0		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
INS	MSPA-SAMARINDA	16250.000	29	07	0120	0122	19.7		CHN	BC	9K00E	A3E										
G	BALDOCK	16288.800	15	09					POR	FX	3K00E	G1D							206	B		
J	TOKYO	16299.550	27	08	0709			SOUND OF HOPE		BC		A3E							239	D	11	
J	TOKYO	16299.560	03	09	0439			SOUND OF HOPE		BC		A3E	120	E	30	23	N	20	239	B	11	
J	TOKYO	16299.570	17	07	0515			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16299.580	10	09	0210			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16299.590	14	08	1040			SOUND OF HOPE		BC		A3E	121	E	13	24	N	15	240	A	11	TAIWAN
J	TOKYO	16299.590	20	08	0842			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16299.590	25	09	1047			SOUND OF HOPE		BC		A3E							242	D	11	
KOR	CRMS	16300.000	01	07	0422	0422	12.7		CHN	BC	14K8	A3E									11	
KOR	CRMS	16300.000	03	07	0155	0155	6.8		PHL	BC	14K9	A3E									11	
INS	MSPA-SAMARINDA	16300.000	29	07	0125	0127	20.0		CHN	BC	9K00E	A3E										
KOR	CRMS	16300.000	06	08	0616	0616	-0.1		CHN	BC	14K8	A3E									11	
KOR	CRMS	16300.000	03	09	0650	0650	-0.3		CHN	BC	14K9	A3E									11	
J	TOKYO	16302.830	18	09	0034				CHN				120	E	39	33	N	27	268	B		
I	ROMA	16316.000	15	07	0708		10.0	1EB41EB2952	RUS	FX	300HE	F1B							17	A		50BD
J	TOKYO	16320.270	02	07	0840														277	D		
J	TOKYO	16322.200	18	09	0038			F				A1A	133	E	17	43	N	14	327	B		
J	TOKYO	16322.300	18	09	0039			K				A1A	157	E	50	53	N	54	28	B		
I	ROMA	16332.000	15	07	0711		4.0	C	RUS	RN	100HE	A2A							39	C		REPEATS C LETTER
J	TOKYO	16332.290	27	08	0711			K				A1A										
J	TOKYO	16332.300	09	07	0657			K				A1A	158	E	12	53	N	08	30	B		
J	TOKYO	16332.300	24	07	0210			K				A1A							27	C		
J	TOKYO	16332.300	14	08	1042			K				A1A							30	D		
J	TOKYO	16332.300	10	09	0211			K				A1A	158	E	20	53	N	10	30	B		
J	TOKYO	16332.400	06	08	0024			M				A1A							358	D		
I	ROMA	16370.000	05	08	0923		42.0			FX	3K00E	G1D							336	A		
G	BALDOCK	16400.000	25	09						BC	9K00E	A3E							103	B		
J	TOKYO	16430.800	20	08	0845				CHN				118	E	56	25	N	03	246	B		
J	TOKYO	16430.900	03	09	0443				CHN				121	E	34	31	N	06	260	B		
G	BALDOCK	16443.000	25	09					RUS	FX	15K0E	P0N							69	A		
J	TOKYO	16528.000	17	07	0415				AUS			J3E	120	E	31	24	S	10	200	B		
HNG	TARNOK	16528.000	02	08	0640	1210	15.8	WILUNA VMW	AUS	SM	3K00E	J3E										USB
INS	MSPA-SAMARINDA	16528.000	28	08	0740	0750	22.3		AUS	BC	9K00E	A3E										
HNG	TARNOK	16546.000	02	08	0500	1425	16.0	CHARLEVILLE VMC	AUS	SM	3K00E	J3E										USB
HNG	TARNOK	16546.000	02	08	2130	2300	16.8	CHARLEVILLE VMC	AUS	SM	3K00E	J3E										USB
HNG	TARNOK	16555.000	02	08	1833	2400	14.3				2K48	G1D										HF-ACARS
J	TOKYO	16559.000	09	07	0605			XSG		FC		F3C	120	E	11	31	N	54	261	A		
J	TOKYO	16559.000	17	07	0418			XSG		FC		F3C	121	E	27	31	N	06	260	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	16559.000	20	08	0750			XSG		FC		F3C							261	C		
J	TOKYO	16559.000	27	08	0608			XSG		FC		F3C										
J	TOKYO	16559.000	03	09	0418				CHN			F3C	120	E	58	31	N	37	262	A		
J	TOKYO	16559.000	10	09	0131			XSG		FC		F3C							261	D		
J	TOKYO	16559.000	25	09	1001			XSG		FC		F3C							260	D		
I	ROMA	16570.000	15	07	0905		30.0			FX	3K00E	G1D							336	A		
INS	MSPA-SAMARINDA	16576.000	29	07	0330	0333	14.3		INS	MS	2K80E	J3E										
KOR	CRMS	16600.000	03	07	0155	0155	1.8		CHN	BC	13K0	A3E									11	
INS	MSPA-SAMARINDA	16600.000	29	07	0335	0337	25.0		CHN	BC	9K00E	A3E										
KOR	CRMS	16600.000	06	08	0616	0616	0.5		CHN	BC	13K9	A3E									11	
KOR	CRMS	16600.000	03	09	0650	0650	4.3		CHN	BC	14K2	A3E									11	
INS	MSKH-KUPANG	16600.000	23	09	0645	0647	63.3		CHN	BC	10K0	A3E										
J	TOKYO	16600.040	17	07	0420			SOUND OF HOPE		BC		A3E	121	E	30	25	N	05	242	B	11	TAIWAN
J	TOKYO	16600.040	14	08	1004			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16600.050	27	08	0610			SOUND OF HOPE		BC		A3E	120	E	52	23	N	23	240	B	11	TAIWAN
J	TOKYO	16600.050	03	09	0421			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16600.050	25	09	1002					BC		A3E							242	D		
J	TOKYO	16600.060	24	07	0132			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16600.060	05	08	2346			SOUND OF HOPE		BC		A3E	121	E	29	24	N	04	240	B	11	TAIWAN
J	TOKYO	16600.060	20	08	0752			SOUND OF HOPE		BC		A3E	121	E	06	24	N	26	242	B	11	TAIWAN
J	TOKYO	16600.060	10	09	0134			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	16600.060	18	09	0015			SOUND OF HOPE		BC		A3E	120	E	50	23	N	45	240	B	11	TAIWAN
HNG	TARNOK	16601.500	02	08	1033	1657	18.2				3K00E	G1D										HF-ACARS
HNG	TARNOK	16601.500	02	08	1033	1657	18.2				3K00E	G1D										CODAN-3212
HNG	TARNOK	16610.500	02	08	1050	1705	17.1				3K00E	G1D										CODAN-3212
HNG	TARNOK	16620.000	02	08	0350	0420	52.4				40K0E	F0N										OTHR
HNG	TARNOK	16625.000	02	08	1905	2058	49.3				25K0	F0N										OTHR
HNG	TARNOK	16671.000	02	08	1908	1922	38.5				15K0	F0N										OTHR
HNG	TARNOK	16674.000	02	08	0950	0953	40.2				20K0E	F0N										OTHR
J	TOKYO	16680.340	27	08	0612			SOUND OF HOPE		BC		A3E	127	E	33	36	N	27	280	B	11	KOR
J	TOKYO	16680.350	17	07	0421			SOUND OF HOPE		BC		A3E	126	E	58	36	N	45	280	B	11	KOR
J	TOKYO	16680.350	18	09	0017			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16680.360	03	09	0425			SOUND OF HOPE		BC		A3E	126	E	56	36	N	47	280	A	11	KOR
J	TOKYO	16789.750	17	07	0424			SOUND OF HOPE		BC		A3E	121	E	27	24	N	53	241	B	11	TAIWAN
J	TOKYO	16789.750	03	09	0428			SOUND OF HOPE		BC		A3E	120	E	58	24	N	34	242	A	11	TAIWAN
J	TOKYO	16789.770	02	07	0749			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16789.770	09	07	0612			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16789.780	05	08	2348			SOUND OF HOPE		BC		A3E	121	E	34	25	N	02	242	B	11	TAIWAN
J	TOKYO	16789.780	14	08	1007			SOUND OF HOPE		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	16789.780	18	09	0020			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	16789.780	25	09	1005			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	16789.790	24	07	0135			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16789.790	20	08	0758			SOUND OF HOPE		BC		A3E	121	E	06	24	N	26	242	B	11	TAIWAN
INS	MSWR-MERAUKE	16790.000	09	07	1154	1157	4.2		CHN	BC	9K00	A3E										
I	ROMA	16793.500	05	08	0925		19.0				3K00E	G1D							266	A		
J	TOKYO	16800.060	24	07	0138			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	16806.500	25	09	1007							F1B										
G	BALDOCK	16816.000	01	09					RUS	FX	300HE	F1B							67	A		
J	TOKYO	16826.300	17	07	0428			XSQ		FC		F3C	119	E	13	26	N	03	248	B		
J	TOKYO	16826.300	03	09	0432							F3C							249	D		
J	TOKYO	16826.300	10	09	0144			XSQ		FC		F3C							250	C		
J	TOKYO	16850.300	10	09	0146			XSQ		FC		F1B							248	D		
G	BALDOCK	16879.900	01	09				XSQ	CHN	FX	100HE	A1A							36	B		
J	TOKYO	16880.000	02	07	0758			XSQ		FC		F1B										TAIWAN
J	TOKYO	16880.000	09	07	0621			XSQ		FC		F1B										
J	TOKYO	16880.000	17	07	0431			XSQ		FC		F1B	119	E	29	26	N	00	248	B		
J	TOKYO	16880.000	24	07	0142			XSQ		FC		F1B										
HNG	TARNOK	16880.000	04	08	0600	2200	16.2	XSQ	CHN	FC	300HE	F1B										
J	TOKYO	16880.000	05	08	2350			XSQ		FC		F1B	119	E	32	26	N	02	248	B		
J	TOKYO	16880.000	14	08	1011			XSQ		FC		F1B										
INS	MSKH-KUPANG	16880.000	20	08	0335	0346	25.4		CHN	FC	1K00E	F1B										
J	TOKYO	16880.000	20	08	0810			XSQ		FC		F1B										
J	TOKYO	16880.000	27	08	0623			XSQ		FC		F1B										
J	TOKYO	16880.000	03	09	0439			XSQ		FC		F1B										
J	TOKYO	16880.000	10	09	0200			XSQ		FC		F1B							249	D		
J	TOKYO	16880.000	18	09	0022			XSQ		FC		F1B										
J	TOKYO	16889.500	14	08	1015			XSG		FC		F1B										
G	BALDOCK	16898.400	01	09				XSG	CHN	FX	100HE	A1A							47	B		
J	TOKYO	16898.450	18	09	0025			XSG		FC		F1B										
J	TOKYO	16898.490	09	07	0625			XSG		FC		F1B										
J	TOKYO	16898.490	24	07	0144			XSG		FC		F1B										
J	TOKYO	16898.490	20	08	0815			XSG		FC		F1B										
J	TOKYO	16898.490	27	08	0628			XSG		FC		F1B										
J	TOKYO	16898.490	03	09	0444			XSG		FC		F1B										
J	TOKYO	16898.490	25	09	1025			XSG		FC		F1B							262	D		
J	TOKYO	16898.500	02	07	0801			XSG		FC		F1B										
J	TOKYO	16898.500	17	07	0433			XSG		FC		F1B	121	E	27	31	N	17	260	B		
INS	MSKH-KUPANG	16898.500	24	07	0245	0247			CHN	FX	3K00	A1A										Morse

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	16898.500	20	08	0340	0353	12.6		CHN	FC	1K00E	F1B										
HNG	TARNOK	16898.512	04	08	0400	1800	15.9	XSG	CHN	FC	300HE	F1B										
G	BALDOCK	16906.600	12	07						FX	3K00E	G1D							119	A		
G	BALDOCK	16906.800	25	09						FX	3K00E	G1D							121	B		
G	BALDOCK	16912.000	01	09					RUS	FX	300HE	F1B							32	A		
G	BALDOCK	16942.000	25	09					RUS	FX	15K0E	P0N							69	A		
G	BALDOCK	16953.000	12	07						FX	3K00E	G1D							205	A		
J	TOKYO	16959.590	25	09	1027														152	D		
G	BALDOCK	16963.300	12	07						FX	3K00E	G1D							255	A		
I	ROMA	16967.800	15	07	0909		21.0		F	FX	3K10E	G1D							282	A		STANAG 4285 2400BD
I	ROMA	16967.800	08	08	1003		10.0		F	FX	3K10E	G1D							283	A		STANAG 4285 2400BD
G	BALDOCK	16971.000	01	09					J	FX	1K10E	F1C							39	C		
INS	MSKH-KUPANG	16971.500	24	07	0234	0236				FX	3K00	A1B										Teleprinter
J	TOKYO	16978.910	09	07	0628			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	16979.900	17	07	0436			SOUND OF HOPE		BC		A3E	120	E	55	22	N	53	240	B	11	TAIWAN
J	TOKYO	16979.910	20	08	0819			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	16979.910	27	08	0630			SOUND OF HOPE		BC		A3E	121	E	27	24	N	30	240	B	11	TAIWAN
J	TOKYO	16979.930	03	09	0449			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	16979.940	24	07	0145			SOUND OF HOPE		BC		A3E							238	D	11	
KOR	CRMS	16980.000	01	07	0423	0423	12.9		CHN	BC	14K8	A3E									11	
KOR	CRMS	16980.000	01	08	0530	0530	0.3		CHN	BC	14K6	A3E									11	
KOR	CRMS	16980.000	03	09	0651	0651	0.9		CHN	BC	14K4	A3E									11	
I	ROMA	17000.000	05	08	1716		18.0	OTH RADAR		FX	20K0E	X7D							107	A		
J	TOKYO	17000.050	03	09	0452			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	17036.320	25	09	1036														194	B		
J	TOKYO	17040.000	20	08	0827				RUS			F1B	132	E	57	42	N	49	324	A		
J	TOKYO	17040.000	27	08	0635				RUS			F1B	132	E	04	43	N	28	322	A		
J	TOKYO	17040.000	03	09	0459							F1B							323	D		
J	TOKYO	17040.000	10	09	0202							F1B							326	D		
J	TOKYO	17040.020	05	08	2353				RUS			F1B	131	E	57	43	N	25	322	B		
F	RAMBOUILLET	17048.000	03	07	1000	1100	10.0				20K0E	PXX								A	9	OTHR
G	BALDOCK	17062.400	01	09					I	FX	3K00E	G1D							131	B		
J	TOKYO	17070.280	03	09	0502			SOUND OF HOPE		BC		A3E							281	D	11	
J	TOKYO	17070.290	02	07	0806			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17070.290	05	08	2357			SOUND OF HOPE		BC		A3E	127	E	10	36	N	46	280	B	11	KOR
J	TOKYO	17070.290	27	08	0637			SOUND OF HOPE		BC		A3E	127	E	52	36	N	43	280	B	11	KOR
J	TOKYO	17070.290	18	09	0030			SOUND OF HOPE		BC		A3E							280	B	11	
J	TOKYO	17070.300	09	07	0632			SOUND OF HOPE		BC		A3E							281	D	11	
J	TOKYO	17070.300	17	07	0437			SOUND OF HOPE		BC		A3E	127	E	11	36	N	40	280	B	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	17083.000	03	09	0505							F1B							323	D		
G	BALDOCK	17084.000	25	09					RUS	FX	15K0E	P0N							70	A		
J	TOKYO	17099.550	17	07	0441				F			J2B	149	W	15	17	S	47	113	B		OCE
F	RAMBOUILLET	17108.000	05	07	0700	1700	11.0				20K0E	PXX								A	9	OTHR
G	BALDOCK	17108.300	12	07						FX	3K00E	G1D							255	A		
I	ROMA	17122.800	15	07	0913		23.0		F	FX	3K00E	G1D							282	A		STANAG 4285
F	RAMBOUILLET	17123.000	05	07	1000	1600	15.0				20K0E	PXX								A	9	OTHR
INS	MSKH-KUPANG	17144.000	24	07	0230	0233				FX	3K00	A1B										Teleprinter
J	TOKYO	17149.790	17	07	0445			SOUND OF HOPE		BC		A3E	121	E	18	25	N	11	243	B	11	TAIWAN
J	TOKYO	17149.820	02	07	0809			SOUND OF HOPE		BC		A3E	121	E	03	23	N	56	240	B	11	
J	TOKYO	17149.820	09	07	0640			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	17149.850	24	07	0150			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	17169.910	17	07	0447			SOUND OF HOPE		BC		A3E	121	E	14	23	N	52	239	B	11	TAIWAN
J	TOKYO	17169.920	02	07	0812			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	17169.920	09	07	0642			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	17169.930	20	08	0829			SOUND OF HOPE		BC		A3E	120	E	40	24	N	17	241	A	11	TAIWAN
J	TOKYO	17169.930	03	09	0509			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	17169.940	05	08	2357			SOUND OF HOPE		BC		A3E	121	E	10	23	N	10	238	B	11	TAIWAN
J	TOKYO	17169.940	14	08	1025			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17169.940	18	09	0035			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	17169.940	25	09	1040			SOUND OF HOPE		BC		A3E							242	D	11	
INS	MSPA-SAMARINDA	17170.000	29	08	0945	0950	17.7		CHN	BC	9K00E	A3E										
F	RAMBOUILLET	17180.000	08	07	0745	0810	41.0				20K0E	PXX								A	9	OTHR
I	ROMA	17218.900	05	08	0927		22.0			FX	3K00E	G1D							327	A		
G	BALDOCK	17239.300	12	07						FX	3K00E	G1D							211	A		
G	BALDOCK	17239.400	25	09						FX	3K00E	G1D							119	B		
HNG	TARNOK	17318.400	06	08	1536	1700	16.2				3K00E	G1D										STANAG 4285
F	RAMBOUILLET	17326.000	11	07	0940	1020	20.0				20K0E	PXX								A	9	OTHR
INS	MSKH-KUPANG	17388.300	24	07	0222	0226				FX	3K00	A1B										Teleprinter
INS	MSPA-SAMARINDA	17400.000	13	07	0205	0210	26.7		CHN	BC	9K00E	A3E							0			
F	RAMBOUILLET	17400.000	15	07	0700	1410	25.0				2K80E	J7B								A	9	STANAG 4285
I	ROMA	17400.000	05	08	0929		11.0			FX	3K00E	G1D							106	A		STANAG 4285 2400BD
INS	MSKH-KUPANG	17400.000	23	09	0700	0703	59.3		CHN	BC	10K0	A3E										
G	BALDOCK	17400.000	25	09					GRC	FX	3K00E	G1D							115	B		
J	TOKYO	17400.220	27	08	0645			SOUND OF HOPE		BC		A3E	105	E	41	47	N	27	305	A	11	MNG
J	TOKYO	17400.230	02	07	0818			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.230	09	07	0645			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.230	17	07	0448			SOUND OF HOPE		BC		A3E							307	B	11	
J	TOKYO	17400.230	05	08	2359			SOUND OF HOPE		BC		A3E	106	E	56	47	N	36	306	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	17400.230	14	08	1028			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.230	20	08	0837			SOUND OF HOPE		BC		A3E	103	E	31	47	N	31	306	A	11	MNG
J	TOKYO	17400.230	03	09	0512			SOUND OF HOPE		BC		A3E							302	D	11	TAIWAN
J	TOKYO	17400.230	25	09	1043			SOUND OF HOPE		BC		A3E							308	D	11	
J	TOKYO	17400.240	10	09	0207			SOUND OF HOPE		BC		A3E							307	D	11	
J	TOKYO	17400.240	18	09	0040			SOUND OF HOPE		BC		A3E							305	C	11	
G	BALDOCK	17427.500	12	07						FX	20K0E	P0N							289	A		
G	BALDOCK	17431.000	01	09					RUS	FX	15K0E	P0N							69	A		
KOR	CRMS	17440.000	01	07	0423	0423	-11.4		CHN	BC	14K8	A3E									11	
KOR	CRMS	17440.000	01	08	0531	0531	-12.4		CHN	BC	14K9	A3E									11	
KOR	CRMS	17440.000	03	09	0651	0651	1.4		CHN	BC	14K6	A3E									11	
J	TOKYO	17440.050	02	07	0821			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	17440.050	09	07	0647			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17440.050	24	07	0159			SOUND OF HOPE		BC		A3E							242	D	11	
J	TOKYO	17440.050	06	08	0004			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17440.050	14	08	1030			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	17440.050	27	08	0648			SOUND OF HOPE		BC		A3E	120	E	58	23	N	30	240	B	11	TAIWAN
J	TOKYO	17440.050	03	09	0516			SOUND OF HOPE		BC		A3E	120	E	49	24	N	34	243	A	11	TAIWAN
J	TOKYO	17440.050	18	09	0050			SOUND OF HOPE		BC		A3E							240	C	11	
J	TOKYO	17440.050	25	09	1044			SOUND OF HOPE		BC		A3E							243	D	11	
J	TOKYO	17440.060	20	08	0841			SOUND OF HOPE		BC		A3E	120	E	37	24	N	17	240	B	11	TAIWAN
G	BALDOCK	17452.000	01	09					UKR	FX	300HE	F1B							95	A		
J	TOKYO	17477.000	17	07	0449				RUS			F1B	132	E	04	43	N	21	323	B		
J	TOKYO	17477.000	20	08	0843				RUS			F1B	132	E	29	43	N	06	322	A		
I	ROMA	17485.000	02	07	0638		27.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
G	BALDOCK	17485.000	12	07				CHINA RADIO INT.	CHN	BC	9K00E	A3E							74	A		
HNG	TARNOK	17485.003	08	08	0500	0657	26.7	CRI	CHN	BC	9K68	A3E										
I	ROMA	17490.000	10	07	0745		26.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	17490.000	17	07	1104	1143	45.0	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh English language
G	BALDOCK	17490.000	22	07				CHN R.INTERNATIONAL	CHN	BC	9K00E	A3E							45	C		
ROU	BELCIUGATELE	17490.000	22	07	0840	0910	37.6	China Radio International	CHN	BC	9K00	A3E							81	A		English language
I	ROMA	17490.000	24	07	0726		33.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
INS	MSCK-TANGERANG	17490.000	01	08	0218	0219			CHN	BC	9K00E	A3E	116	E	48	39	N	44				
ROU	BELCIUGATELE	17490.000	19	08	1145	1215	49.1	China Radio International	CHN	BC	9K00	A3E							70	A		English language
INS	MSKH-KUPANG	17490.000	23	08	0230	0245	31.7		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17490.000	27	08	0155	0157	62.2		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
I	ROMA	17490.000	04	09	0847		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
I	ROMA	17490.000	10	09	0717			CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
INS	MSCK-TANGERANG	17490.000	11	09	0249	0255	24.2		CHN	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
INS	MSCK-TANGERANG	17490.000	12	09	1253	1255	72.3		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
I	ROMA	17490.000	24	09	0744		30.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
ROU	BELCIUGATELE	17490.000	30	09	0810	0840	47.6	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							81	A		English language
HNG	TARNOK	17490.003	08	08	0657	1300	44.1	CRI	CHN	BC	9K12	A3E										
INS	MSPA-SAMARINDA	17510.000	01	07	1105	1106	38.4		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSCK-TANGERANG	17510.000	02	07	0441	0445	37.1	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
I	ROMA	17510.000	02	07	0640		24.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
G	BALDOCK	17510.000	12	07				CHNA RADIO INT.	CHN	BC	9K00E	A3E							74	A		
I	ROMA	17510.000	19	07	0640		19.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17510.000	24	07	1107	1109	30.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSKH-KUPANG	17510.000	06	08	0450	0455	20.4		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17510.000	13	08	1133	1135	28.1		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17510.000	16	08	1132	1134			CHN	BC	6K00E	A3E										
HNG	TARNOK	17510.002	08	08	0500	0700	29.1	CRI	CHN	BC	11K1	A3E										
I	ROMA	17520.000	02	07	0642		47.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17520.000	19	07	0640		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17520.000	07	08	0859	0900	30.5		CHN	BC	3K00E	A3E							0			
HNG	TARNOK	17520.002	08	08	0600	0700	37.8	CRI	CHN	BC	9K02	A3E										
KOR	CRMS	17530.000	01	07	0423	0423	-10.9		CHN	BC	14K9	A3E									6	
INS	MSPA-SAMARINDA	17530.000	08	07	0830	0840	10.0	China Radio International	CHN	FA	10K0E	J3E										
KOR	CRMS	17530.000	05	08	0426	0426	-10.4		CHN	BC	14K9	A3E									6	
HNG	TARNOK	17530.000	08	08	0400	0500	27.7	WCB	MDG	BC	9K30	A3E										
ROU	BELCIUGATELE	17535.000	17	07	1204	1230	49.6	BBC	CVA	BC	10K0	A3E							263	A		Santa Maria Di Galeria French language
ROU	BELCIUGATELE	17535.000	24	07	1220	1250	52.7	BBC	CVA	BC	9K00	A3E							263	A		French language
I	ROMA	17540.000	19	07	0640		17.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17540.000	07	08	0312	0315			CHN	BC	6K00E	A3E										
I	ROMA	17540.000	10	09	0720		55.0	VATICAN RADIO	CVA	BC	9K00E	A3E							288	A		
I	ROMA	17540.000	24	09	0746		20.0	VATICAN RADIO	CVA	BC	9K00E	A3E							288	A		
G	BALDOCK	17550.000	22	07				CNR 1 V.CHINA	CHN	BC	9K00E	A3E							43	C		
INS	MSTM-MEDAN	17550.000	25	07	0225	0227	10.2		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSKH-KUPANG	17550.000	05	08	0210	0215	33.5		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	17550.000	30	08	0812	0815	60.6		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSCK-TANGERANG	17550.000	12	09	1251	1252	48.6		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
I	ROMA	17555.000	10	09	0722		40.0	VATICAN RADIO	CVA	BC	10K0E	H3E							289	A		
I	ROMA	17560.000	03	07	0920		26.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
INS	MSWR-MERAUKE	17560.000	04	07	0345	0400	19.3		J	BC	9K00	A3E										
ROU	BELCIUGATELE	17560.000	17	07	1235	1300	54.5	China Radio International	CHN	BC	10K0	A3E							83	A		Kshi-saibagh French language
G	BALDOCK	17560.000	22	07				VOICE OF AMARICA	PHL	BC	9K00E	A3E							57	C		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ROU	BELCIUGATELE	17560.000	22	07	0850	0920	48.2	China Radio International	CHN	BC	9K00	A3E							69	A		Chinese language
ROU	BELCIUGATELE	17560.000	19	08	1220	1250	54.6	China Radio International	CHN	BC	9K00	A3E							63	A		French language
INS	MSPA-SAMARINDA	17560.000	29	08	0940	0945	34.8		CHN	BC	9K00E	A3E										
I	ROMA	17560.000	04	09	0850		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							60	A		
ROU	BELCIUGATELE	17560.000	04	09	1350	1420	71.3	China Radio International	CHN	BC	9K00	A3E							82	A		French language
INS	MSCK-TANGERANG	17565.000	02	07	0439	0443	30.2	CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17565.000	01	08	0225	0226			CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSKH-KUPANG	17565.000	05	08	0200	0207	29.5		CHN	BC	10K0	A3E										
INS	MSPA-SAMARINDA	17565.000	28	08	0730	0740	20.7		CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17565.000	29	08	0935	0940	34.7		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17565.000	30	08	0323	0325	46.7		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSCK-TANGERANG	17565.000	11	09	0252	0257	39.3		CHN	BC	8K00E	A3E										
INS	MSKH-KUPANG	17565.000	12	09	0144	0147	30.1		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17565.000	20	09	0710	0720	35.0		CHN	BC	9K00E	A3E										China National Radio 1
INS	MSKH-KUPANG	17565.000	23	09	0708	0709	61.0		CHN	BC	10K0	A3E										
ROU	BELCIUGATELE	17570.000	15	07	1050	1120	62.9	China Radio International	CHN	BC	9K00	A3E							83	A		Hungarian language
ROU	BELCIUGATELE	17570.000	17	07	1029	1100	60.0	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Hungarian language
ROU	BELCIUGATELE	17570.000	26	09	1130	1200	76.1	China Radio International	CHN	BC	9K00	A3E							83	A		Czech language
ROU	BELCIUGATELE	17580.000	17	07	1048	1130	67.6	CNR 1 Voice of China	CHN	BC	10K0	A3E							70	A		Lingshi Chinese language
ROU	BELCIUGATELE	17580.000	24	07	1215	1245	63.3	Voice of Turkey	TUR	BC	9K00	A3E							135	A		Urdu language
I	ROMA	17592.000	19	07	0618		18.0	1EB41EB2952	RUS	FX	250HE	F1B							15	A		50BD T600
I	ROMA	17592.000	19	07	0821		21.0	1414BEBE952	RUS	FX	250HE	F1B							13	A		50BD T600
INS	MSCK-TANGERANG	17595.000	02	07	0436	0440	27.6	CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17595.000	23	07	0958	1001	18.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	17595.000	25	07	0223	0225	18.5		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	17595.000	26	07	0442	0443	20.0		CHN	BC	12K0	A3E										
INS	MSKH-KUPANG	17595.000	05	08	0155	0158	28.7		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	17595.000	27	08	0108	0120			INS	BC	9K00E	A3E	114	E	28	37	N	49				
INS	MSPA-SAMARINDA	17595.000	29	08	0940	0940	17.2		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17595.000	11	09	0254	0259	32.8		CHN	BC	8K00E	A3E										
INS	MSCK-TANGERANG	17595.000	12	09	1249	1250	55.3		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17595.000	20	09	0710	0720	28.1		CHN	BC	9K00E	A3E										China National Radio 1
I	ROMA	17600.000	03	07	0923		33.0	TELEDIFFUSION ALGERI	ALG	BC	10K0E	A3E							233	A		
I	ROMA	17600.000	10	07	0747		30.0	TELEDIFFUSION ALGERI	ALG	BC	10K0E	A3E							233	A		
ROU	BELCIUGATELE	17600.000	16	07	1221	1257	35.8	Ifriky FM	ALG	BC	10K0	A3E							252	A		Bechar Arabic language
I	ROMA	17600.000	19	07	0640		21.0	IFRIKYA FM	ALG	BC	9K00E	A3E										
ROU	BELCIUGATELE	17600.000	22	07	0848	0918	35.4	Ifriky FM	ALG	BC	9K00	A3E							252	A		Arabic language
I	ROMA	17600.000	24	07	0729		34.0	TELEDIFFUSION ALGERI	ALG	BC	10K0E	A3E							233	A		
HNG	TARNOK	17600.000	10	08	0600	1900	37.5	IFRIKYA FM	ALG	BC	11K6	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	17600.000	04	09	0852		35.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	10	09	0726		37.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
I	ROMA	17600.000	24	09	0748		40.0	TELEDIFFUSION ALGERI	ALG	BC	9K00E	A3E							233	A		
ROU	BELCIUGATELE	17600.000	26	09	1210	1240	46.4	Ifriky FM	ALG	BC	9K00	A3E							252	A		Arabic language
I	ROMA	17615.000	10	07	0749		20.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17615.000	19	07	0640		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17615.000	25	07	0220	0222	42.5		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSPA-SAMARINDA	17615.000	16	08	0807	0808	46.7		CHN	BC	3K00E	A3E							0			
INS	MSKH-KUPANG	17615.000	20	09	0710	0720	30.8		CHN	BC	9K00E	A3E										China Radio International
INS	MSKH-KUPANG	17615.000	23	09	0715	0715	59.8		CHN	BC	10K0	A3E										
I	ROMA	17615.000	30	09	0748		20.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
HNG	TARNOK	17615.002	10	08	0500	0800	37.5	CRI	CHN	BC	10K1	A3E										
I	ROMA	17620.000	03	07	0925		51.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17620.000	24	07	1145	1215	59.3	Voice of Turkey	TUR	BC	9K00	A3E							135	A		Chinese language
INS	MSTM-MEDAN	17620.000	26	07	0440	0442	12.1		CHN	BC	12K0	A3E										
ROU	BELCIUGATELE	17620.000	27	09	0920	0950	62.3	China Radio International	CHN	BC	9K00	A3E							82	A		Romanian language
HNG	TARNOK	17620.001	10	08	1330	1400	45.8	AWR	UZB	BC	10K1	A3E										
HNG	TARNOK	17620.008	10	08	1100	1325	60.3	TRT	TUR	BC	9K89	A3E										
INS	MSCK-TANGERANG	17625.000	02	07	0434	0438	26.9	CNR 2-CHINA BUSINESS RADIO	CHN	BC	9K00E	A3E										
INS	MSWR-MERAUKE	17625.000	02	07	0656	0700	27.4		CHN	BC	9K00	A3E										
INS	MSWR-MERAUKE	17625.000	03	07	0108	0155	18.5		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	17625.000	25	07	0236	0240	33.1		CHN	BC	8K00E	A3E										CNR 2-CHINA BUSINESS RADIO
INS	MSPA-SAMARINDA	17625.000	01	08	0920	0925	10.0		CHN	BC	10K0E	A3E										
INS	MSKH-KUPANG	17625.000	05	08	0146	0150	13.5		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	17625.000	27	08	0106	0107			CHN	BC	9K00E	A3E	116	E	34	39	N	53				
INS	MSCK-TANGERANG	17625.000	30	08	0321	0322	38.5		CHN	BC	9K00E	A3E	116	E	34	39	N	53				
INS	MSCK-TANGERANG	17625.000	12	09	1246	1248	50.9		CHN	BC	9K00E	A3E	116	E	34	39	N	43				
INS	MSKH-KUPANG	17625.000	20	09	0710	0720	31.1		CHN	BC	9K00E	A3E										CNR 2 China Business Radio
INS	MSKH-KUPANG	17625.000	23	09	0716	0717	54.4		CHN	BC	10K0	A3E										
HNG	TARNOK	17628.000	10	08	0838	0935	39.5				20K0E	F0N									13	OTHR
I	ROMA	17630.000	19	07	0640		19.0	R.ROMANIA INT.	ROU	BC	9K00E	A3E										
HNG	TARNOK	17630.002	10	08	1430	1600	34.9	CRI	MLI	BC	10K4	A3E										
HNG	TARNOK	17639.997	10	08	0300	0500	21.6	CRI	CHN	BC	9K94	A3E										
HNG	TARNOK	17639.998	10	08	0600	0657	30.3			BC	9K45	A3E										
INS	MSCK-TANGERANG	17640.000	02	07	0432	0435	34.9	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
KOR	CRMS	17640.000	30	07	0621	0621	17.5		CHN	BC	14K9	A3E									6	
KOR	CRMS	17640.000	06	08	0621	0621	6.0		CHN	BC	14K8	A3E									6	
KOR	CRMS	17640.000	03	09	0652	0652	18.1		CHN	BC	14K6	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
HNG	TARNOK	17640.001	10	08	1400	1700	30.3	BBC	G	BC	9K69	A3E										
HNG	TARNOK	17640.003	10	08	1930	2000	40.4	BBC	G	BC	9K22	A3E										
I	ROMA	17650.000	03	07	0928		38.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
ROU	BELCIUGATELE	17650.000	15	07	1300	1330	65.0	China Radio International	CHN	BC	9K00	A3E							82	A		French language
ROU	BELCIUGATELE	17650.000	16	07	1141	1220	64.8	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Chinese language
I	ROMA	17650.000	17	07	0859		30.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17650.000	19	07	0640		28.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	17650.000	24	07	0732		42.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
INS	MSTM-MEDAN	17650.000	25	07	0217	0219	20.1		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSTM-MEDAN	17650.000	26	07	0432	0434	34.2		CHN	BC	12K0	A3E										
ROU	BELCIUGATELE	17650.000	14	08	0850	0920	53.7	China Radio International	CHN	BC	9K00	A3E							84	A		Chinese language
I	ROMA	17650.000	04	09	0856		30.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17650.000	04	09	1330	1400	71.1	China Radio International	CHN	BC	9K00	A3E							83	A		French language
I	ROMA	17650.000	17	09	0750		38.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17650.000	26	09	1110	1314	62.8	China Radio International	CHN	BC	10K0	A3E							83	A		Kashi-saibagh Chinese language
HNG	TARNOK	17650.002	10	08	0557	1400	50.0	CRI	CHN	BC	10K6	A3E										
G	BALDOCK	17654.000	22	07						FX	3K00E	J3E							255	B		UNKOWN
INS	MSCK-TANGERANG	17655.000	03	07	0316	0320	24.3	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17655.000	12	08	0318	0320			CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17655.000	30	08	0317	0319	37.7		CHN	BC	9K00E	A3E	075	E	42	39	N	21				
I	ROMA	17660.000	03	07	0930		52.0	R.FRANCE INT	F	BC	9K00E	A3E							307	A		
I	ROMA	17660.000	19	07	0700		45.0	R.FRANCE INT.	F	BC	9K00E	A3E										
ROU	BELCIUGATELE	17660.000	19	07	0810	0840	57.5	R.France Int.		BC	9K00	A3E							287	A		French language
KOR	CRMS	17670.000	01	07	0425	0425	4.6		CHN	BC	14K8	A3E									6	
INS	MSCK-TANGERANG	17670.000	02	07	0431	0435	39.0	VOICE OF AMERICA	THA	BC	9K00E	A3E										
I	ROMA	17670.000	19	07	0640		16.0	R.FREE ASIA	KWT	BC	9K00E	A3E										
I	ROMA	17670.000	24	07	0734		27.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							70	A		
I	ROMA	17670.000	17	09	0752		25.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	17670.000	30	09	0751		29.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
KOR	CRMS	17675.000	29	07	0441	0441	27.1		NZL	BC	14K9	A3E									6	
KOR	CRMS	17675.000	05	08	0428	0428	-9.6		NZL	BC	14K9	A3E									6	
KOR	CRMS	17675.000	30	09	0445	0445	27.0		NZL	BC	14K9	A3E									6	
I	ROMA	17680.000	19	07	0640		31.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
I	ROMA	17680.000	24	07	0735		43.0	CHINA RADIO INTERNAT	CHN	BC	10K0	A3E							70	A		
INS	MSTM-MEDAN	17680.000	26	07	0430	0432	45.9		CHN	BC	12K0	A3E										
ROU	BELCIUGATELE	17680.000	27	08	0650	0720	63.8	China Radio International	CHN	BC	9K00	A3E							82	A		Spanish language
I	ROMA	17680.000	17	09	0756		35.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
I	ROMA	17680.000	30	09	0753		40.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17690.000	22	07	1250	1320	48.9	R.Free Asia	TJK	BC	9K00	A3E							83	A		Tibetan 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	17690.000	19	08	1230	1300	54.0	R. France Int.		BC	9K00	A3E							290	A		French language
INS	MSCK-TANGERANG	17690.000	27	08	0103	0105			CHN	BC	9K00E	A3E	108	E	36	34	N	22				
INS	MSCK-TANGERANG	17690.000	30	09	0137	0138	57.9	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E							0			SITE : XIANYANG
J	TOKYO	17700.000	17	07	0453				CHN	BC		D7W	116	E	31	39	N	48	290	B		
INS	MSCK-TANGERANG	17710.000	02	07	0427	0432	37.2	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSWR-MERAUKE	17710.000	02	07	0654	0656	20.0		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	17710.000	03	07	0314	0318	35.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17710.000	24	07	1110	1111	25.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSTM-MEDAN	17710.000	25	07	0214	0216	40.2		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSKH-KUPANG	17710.000	02	08	0750	0752	20.0		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17710.000	12	08	0734	0738			CHN	BC	9K00E	A3E										
HNG	TARNOK	17710.000	12	08	1000	1100	14.5	KSDA	USA	BC	11K8	A3E										
INS	MSPA-SAMARINDA	17710.000	16	08	0808	0809	44.3		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	17710.000	21	08	0806	0807	41.2		CHN	BC	3K00E	A3E							0			
INS	MSPA-SAMARINDA	17710.000	28	08	0725	0730	32.5		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17710.000	30	08	0315	0316	51.6		CHN	BC	9K00E	A3E	119	E	18	29	N	06				
INS	MSCK-TANGERANG	17710.000	11	09	0300	0304	37.9		CHN	BC	8K00E	A3E										
INS	MSCK-TANGERANG	17710.000	18	09	0717	0718	76.3		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSKH-KUPANG	17710.000	20	09	0710	0720	36.7		CHN	BC	9K00E	A3E										China Radio International
INS	MSKH-KUPANG	17710.000	23	09	0723	0723	66.5		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	17710.000	23	09	0734	0741	74.3		CHN	BC	9K00E	A3E							0			CHINA RADIO INTERNATIONAL
I	ROMA	17710.000	30	09	0755		22.0	CHINA RADIO INTERNAT	CHN	BC	10K0E	A3E							51	A		
HNG	TARNOK	17710.001	12	08	0300	0400	21.6	CRI	CHN	BC	10K1	A3E										
HNG	TARNOK	17719.873	12	08	1030	1100	22.2	AWR	CHN	BC	8K92	A3E									3	
I	ROMA	17720.000	19	07	0640		19.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
HNG	TARNOK	17720.009	12	08	0400	0455	15.3	TRT	TUR	BC	11K5	A3E										
HNG	TARNOK	17725.000	12	08	1530	1600	26.6	AWR	AUT	BC	10K6	A3E										
HNG	TARNOK	17725.000	12	08	1630	1700	31.3	AWR	D	BC	10K3	A3E										
HNG	TARNOK	17725.000	12	08	1730	1800	31.2	AWR	D	BC	10K3	A3E										
INS	MSCK-TANGERANG	17730.000	02	07	0425	0430	34.1	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
HNG	TARNOK	17730.000	12	08	0800	0824	41.1	VOT	TUR	BC	9K34	A3E										
HNG	TARNOK	17730.000	12	08	1600	1630	40.1	AWR	MDG	BC	9K40	A3E										
I	ROMA	17730.000	17	09	0802		27.0	VOICE OF TURKEY	TUR	BC	10K0E	A3E							92	A		
HNG	TARNOK	17730.001	12	08	0400	0600	17.6	CRI	CHN	BC	10K7	A3E										
INS	MSCK-TANGERANG	17735.000	03	07	0312	0316	40.2	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
INS	MSTM-MEDAN	17735.000	26	07	0422	0424	46.1		CHN	BC	3K00	A3E										
INS	MSCK-TANGERANG	17735.000	12	08	0313	0316			PHL	BC	9K00E	A3E										
HNG	TARNOK	17735.000	12	08	1500	1557	49.2	CRI	CHN	BC	10K1	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSCK-TANGERANG	17735.000	13	08	0900	0903	55.3		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17735.000	15	08	0418	0420			CHN	BC	6K00E	A3E										
ROU	BELCIUGATELE	17735.000	04	09	1340	1410	80.3	China Radio International	CHN	BC	9K00	A3E							83	A		Chinese language
HNG	TARNOK	17735.003	18	09	1700	1859	31.2			BC	11K2	A3E										
INS	MSPA-SAMARINDA	17740.000	01	07	1102	1103	50.2		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSCK-TANGERANG	17740.000	02	07	0423	0427	46.1	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17740.000	05	07	0928	0932	35.5		CHN	BC	3K00E	A3E							0			China Radio International
INS	MSPA-SAMARINDA	17740.000	18	07	1016	1018	43.2		CHN	BC	3K00E	A3E							0			China Radio International
I	ROMA	17740.000	19	07	0700		17.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17740.000	24	07	1111	1112	22.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSTM-MEDAN	17740.000	25	07	0211	0213	32.5		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSKH-KUPANG	17740.000	02	08	0754	0758	20.0		CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17740.000	13	08	1137	1139	32.3		CHN	BC	9K00E	A3E										
KOR	CRMS	17740.000	14	08	0025	0025	30.0		CHN	BC	14K8	A3E									11	
INS	MSPA-SAMARINDA	17740.000	16	08	0806	0807	44.0		CHN	BC	3K00E	A3E							0			
INS	MSTM-MEDAN	17740.000	16	08	1135	1137			CHN	BC	6K00E	A3E										
INS	MSPA-SAMARINDA	17740.000	19	08	0858	0859	42.3		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	17740.000	27	08	0101	0102	64.4		CHN	BC	9K00E	A3E	108	E	36	34	N	22				
INS	MSPA-SAMARINDA	17740.000	01	09	0847	0848	50.2		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	17740.000	06	09	0427	0428	58.8		CHN	BC	9K00E	A3E	108	E	36	34	N	22				
INS	MSPA-SAMARINDA	17740.000	11	09	0802	0803	49.6		CHN	BC	3K00E	A3E							0			
INS	MSCK-TANGERANG	17740.000	18	09	0720	0722	72.2		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17740.000	20	09	0710	0720	31.7		CHN	BC	9K00E	A3E										China Radio International
INS	MSKH-KUPANG	17740.000	23	09	0725	0725	64.6		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	17740.000	23	09	0728	0733	71.0		CHN	BC	9K00E	A3E							0			CHINA RADIO INTERNATIONAL
INS	MSCK-TANGERANG	17740.000	30	09	0135	0136	60.6	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E							0			SITE : XIANYANG
HNG	TARNOK	17744.998	12	08	0400	0430	30.1	BBC	UAE	BC	10K4	A3E										
HNG	TARNOK	17745.000	12	08	1630	1700	44.1	BBC	MDG	BC	9K30	A3E										
KOR	CRMS	17750.000	04	07	0603	0603	11.0		CHN	BC	14K9	A3E									6	
INS	MSTM-MEDAN	17750.000	25	07	0209	0211	30.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
KOR	CRMS	17750.000	13	08	0618	0618	21.7		CHN	BC	14K6	A3E									6	
INS	MSPA-SAMARINDA	17750.000	21	08	0808	0809	31.3		CHN	BC	3K00E	A3E							0			
KOR	CRMS	17750.000	03	09	0654	0654	25.9		CHN	BC	14K8	A3E									6	
INS	MSKH-KUPANG	17750.000	20	09	0710	0720	27.4		CHN	BC	9K00E	A3E										China Radio International
INS	MSCK-TANGERANG	17750.000	23	09	0720	0727	61.6		CHN	BC	9K00E	A3E							0			CHINA RADIO INTERNATIONAL
G	BALDOCK	17757.000	22	07					CLM	FX	3K00E	J3E							254	B		NET IN
J	TOKYO	17769.970	10	09	0211														263	D		
J	TOKYO	17770.000	24	07	0205														248	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	17770.000	03	09	0523														248	D		
KOR	CRMS	17780.000	03	07	0157	0157	17.4		CHN	BC	14K3	A3E									6	
INS	MSCK-TANGERANG	17780.000	03	07	0309	0313	29.3	SOH XI WANG ZHI SHENG		BC	9K00E	A3E										
I	ROMA	17780.000	29	07	0649		20.0	SOH XI WANG ZHI SHEN	CHN	BC	20K0E	A3E							61	A		
KOR	CRMS	17780.000	01	08	0533	0533	12.1		CHN	BC	14K8	A3E									6	
INS	MSKH-KUPANG	17780.000	05	08	0135	0137	28.6		CHN	BC	10K0	A3E										
INS	MSCK-TANGERANG	17780.000	12	08	0309	0313				BC	9K00E	A3E										
INS	MSCK-TANGERANG	17780.000	30	08	0313	0314	46.5		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
KOR	CRMS	17780.000	03	09	0654	0654	5.4		CHN	BC	14K1	A3E									6	
INS	MSCK-TANGERANG	17780.000	12	09	1244	1245	52.1		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	17780.000	18	09	0828	0829	55.1		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSKH-KUPANG	17780.000	20	09	0710	0720	28.0		ROU	BC	9K00E	A3E										Radio Romania International
KOR	CRMS	17800.000	01	07	0426	0426	18.6		CHN	BC	13K3	A3E									6	
INS	MSCK-TANGERANG	17800.000	02	07	0420	0425	38.1	CNR 1 2 (DIGITAL)	CHN	BC	9K00E	A3E										
INS	MSWR-MERAUKE	17800.000	02	07	0644	0654	16.5		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	17800.000	03	07	0300	0305	35.1	R.FREE ASIA		BC	9K00E	A3E										
INS	MSCK-TANGERANG	17800.000	12	08	0730	0734			CHN	BC	9K00E	A3E										
HNG	TARNOK	17800.000	14	08	1600	1700	30.6	DWL	F	BC	9K12	A3E										
KOR	CRMS	17800.000	21	08	0048	0048	11.9		CHN	BC	15K0	A3E									6	
HNG	TARNOK	17800.001	14	08	1215	1300	53.9	DWL	F	BC	9K16	A3E										
INS	MSCK-TANGERANG	17810.000	02	07	0342	0346	32.0	NHK WORLD RADIO JAPAN	J	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17810.000	03	07	0259	0303	32.8	NHK WORLD RADIO JAPAN	J	BC	9K00E	A3E										
I	ROMA	17810.000	17	07	0902		20.0	BBC WORLD SERVICE	OMA	BC	9K00E	A3E							102	A		
INS	MSCK-TANGERANG	17810.000	22	07	0438	0442	31.5		J	BC	9K00E	A3E										NHK WORLD RADIO JAPAN
INS	MSTM-MEDAN	17810.000	23	07	1001	1003	30.0		J	BC	12K0	A3E										NHK WORLD RADIO JAPAN
INS	MSTM-MEDAN	17810.000	24	07	1113	1114	25.0		J	BC	12K0	A3E										NHK WORLD RADIO JAPAN
INS	MSCK-TANGERANG	17810.000	25	07	0206	0910	33.9		J	BC	8K00E	A3E										NHK WORLD RADIO JAPAN
INS	MSTM-MEDAN	17810.000	26	07	0419	0421	10.8		OMA	BC	3K00	A3E										
INS	MSTM-MEDAN	17810.000	07	08	0317	0319	17.8		J	BC	6K00E	A3E										
INS	MSCK-TANGERANG	17810.000	12	08	0303	0306			J	BC	9K00E	A3E										
HNG	TARNOK	17810.000	14	08	1100	1130	17.3	BBC	OMA	BC	10K0E	A3E										
INS	MSCK-TANGERANG	17810.000	30	08	0310	0312	52.4		J	BC	9K00E	A3E	139	E	49	36	N	10				
INS	MSCK-TANGERANG	17810.000	06	09	0423	0425	67.0		J	BC	9K00E	A3E	139	E	49	36	N	10				
INS	MSCK-TANGERANG	17810.000	11	09	0314	0317	40.8		J	BC	9K00E	A3E										
ROU	BELCIUGATELE	17810.000	26	09	0905	1026	38.2	BBC	OMA	BC	10K0	A3E							120	A		Al Seela Pashto language
HNG	TARNOK	17815.000	14	08	1159	1555	48.0	RFI	F	BC	9K10	A3E										
INS	MSTM-MEDAN	17820.000	07	08	0320	0323	17.5		PHL	BC	6K00E	A3E										
INS	MSCK-TANGERANG	17820.000	30	08	0308	0310	46.7		PHL	BC	9K00E	A3E	120	E	37	15	N	22				
J	TOKYO	17830.000	17	07	0455				CHN	BC		D7W	087	E	39	43	N	23	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
I	ROMA	17830.000	19	07	0700		38.0	BBC	STP	BC	9K00E	A3E										
I	ROMA	17830.000	31	07	0721		33.0	BBC WORLDSERVICE	G	BC	9K00E	A3E							213	A		
HNG	TARNOK	17830.000	14	08	1700	1900	38.3	BBC	G	BC	9K69	A3E										
I	ROMA	17840.000	19	07	0640		33.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17840.000	23	07	1003	1005	12.0		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
INS	MSTM-MEDAN	17840.000	25	07	0206	0208	18.2		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
ROU	BELCIUGATELE	17840.000	26	09	1018	1058	36.3	China Radio International	CHN	BC	10K0	A3E							84	A		Kashi-saibagh Chinese language
HNG	TARNOK	17840.001	14	08	0500	0900	20.1	CRI	CHN	BC	10K1	A3E										
HNG	TARNOK	17840.001	14	08	1830	1915	42.4	DWL	D	BC	10K3	A3E										
I	ROMA	17850.000	03	07	0932		40.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
I	ROMA	17850.000	17	07	0905		35.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	A		
I	ROMA	17850.000	19	07	0640		37.0	R.FRANCE INT.	F	BC	9K00E	A3E										
ROU	BELCIUGATELE	17850.000	19	07	0815	0845	48.4	R.France Int.		BC	9K00	A3E							289	A		French language
I	ROMA	17850.000	29	07	0653		40.0	RADIO FRANCE INTERNA	F	BC	10K0E	A3E							307	B		
I	ROMA	17850.000	31	07	0725			R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	17850.000	27	08	0700	0730	59.3	R. France Int.		BC	9K00	A3E							289	A		French language
I	ROMA	17850.000	04	09	0858		20.0	R.FRANCE INTERNATION		BC	9K00E	A3E							307	A		
I	ROMA	17850.000	17	09	0805		40.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	17850.000	27	09	0930	1000	52.1	R. France Int		BC	9K00	A3E							288	A		French language
I	ROMA	17850.000	30	09	0758		32.0	R.FRANCE INTERNATION	F	BC	9K00E	A3E							307	A		
ROU	BELCIUGATELE	17850.000	30	09	0820	0850	54.8	R. France Int		BC	9K00	A3E							289	A		French language
HNG	TARNOK	17850.001	14	08	0600	1000	30.4	RFI	F	BC	9K21	A3E										
HNG	TARNOK	17850.001	14	08	1600	1959	24.8	RFI	F	BC	9K10	A3E										
INS	MSWR-MERAUKE	17855.000	02	07	0639	0644	34.9		CHN	BC	9K00	A3E										
KOR	CRMS	17855.000	02	07	0653	0653	37.2		USA	BC	10K4	A3E									6	
INS	MSCK-TANGERANG	17855.000	12	09	1242	1243	50.6		E	BC	9K00E	A3E	003	W	25	39	N	57				
ROU	BELCIUGATELE	17860.000	22	07	1210	1240	56.0	R. Free Asia	D	BC	9K00	A3E							300	A		Tibetan language
INS	MSCK-TANGERANG	17865.000	02	07	0418	0422	32.9	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
I	ROMA	17865.000	03	07	0935		27.0	IBRA RADIO	UAE	BC	10K0E	A3E							104	A		
I	ROMA	17865.000	17	07	0907		20.0	IBRA RADIO	UAE	BC	10K0E	A3E							104	A		
I	ROMA	17865.000	19	07	0640		27.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	17865.000	25	07	0200	0203	18.5		CHN	BC	12K0	A3E										CHINA RADIO INTERNATIONAL
I	ROMA	17865.000	31	07	0727		21.0	CHINA RADIO INTERNAT	CHN	BC	9K00E	A3E							70	A		
ROU	BELCIUGATELE	17865.000	14	08	0900	0930	36.9	Ibra Media/ R. Sadaye Zindagi	UAE	BC	9K00	A3E							126	A		Dari language
INS	MSCK-TANGERANG	17865.000	18	09	0830	0832	47.2		UAE	BC	9K00E	A3E										
ROU	BELCIUGATELE	17880.000	16	07	1102	1129	44.9	Radio Azadi Free Afghanistan	THA	BC	10K0	A3E							88	A		Udon Thani Dari language
ROU	BELCIUGATELE	17880.000	18	07	1125	1155	52.2	R.Azadi(R. Free Afghanistan)	THA	BC	9K00	A3E							88	A		Pashto language
I	ROMA	17880.000	19	07	0640		22.0	R.AZADI (R.FREE AFGH	THA	BC	9K00E	A3E										
ROU	BELCIUGATELE	17880.000	19	07	1140	1210	46.5	R. Azadi (R. Free Afghanistan)	THA	BC	9K00	A3E							88	A		Pashto language

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSTM-MEDAN	17880.000	24	07	1117	1119	24.0		AFG	BC	12K0	A3E										R.AZADI (R.FREE AFGHANISTAN)
INS	MSTM-MEDAN	17880.000	25	07	0153	0156	13.2		AFG	BC	12K0	A3E										R.AZADI (R.FREE AFGHANISTAN)
KOR	CRMS	17880.000	29	07	0442	0442	22.0	AGM	THA	BC	14K9	A3E									3	
INS	MSCK-TANGERANG	17880.000	13	08	0854	0857	38.8		THA	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17880.000	29	08	0930	0935	36.5		THA	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17890.000	02	07	0409	0414	31.6	CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17890.000	03	07	0257	0301	31.7	CNR 1 VOICE OF CHINA	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17890.000	22	07	0433	0437	31.2		CHN	BC	9K00E	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	17890.000	23	07	1005	1006	20.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	17890.000	24	07	1119	1120	20.0		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	17890.000	25	07	0150	0152	32.2		CHN	BC	12K0	A3E										CNR 1 VOICE OF CHINA
INS	MSTM-MEDAN	17890.000	26	07	0416	0418	25.3		CHN	BC	3K00	A3E										
INS	MSKH-KUPANG	17890.000	02	08	0800	0805	26.0		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17890.000	05	08	0125	0130	27.5		CHN	BC	10K0	A3E										
INS	MSTM-MEDAN	17890.000	07	08	0323	0326	23.3		CHN	BC	6K00E	A3E										
INS	MSCK-TANGERANG	17890.000	12	08	0258	0302			CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17890.000	28	08	0720	0725	23.6		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17890.000	30	08	0306	0307	44.6		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSCK-TANGERANG	17890.000	06	09	0420	0422	49.0		CHN	BC	9K00E	A3E	116	E	48	39	N	44				
INS	MSCK-TANGERANG	17890.000	11	09	0318	0322	38.0		CHN	BC	8K00E	A3E										
INS	MSCK-TANGERANG	17890.000	18	09	0000	2400	63.7		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17900.000	23	09	0705	0706	58.8		CHN	BC	10K0	A3E										
INS	MSKH-KUPANG	17916.000	20	08	0150	0157	13.2		NZL	AL	2K40E	J2D							93	A		
J	TOKYO	17916.200	06	08	0007			SANTACRUZ		FA		J2D										
G	BALDOCK	17928.000	22	07					POR	FA	3K00E	J1D							211	B		SANATA
HNG	TARNOK	17929.500	16	08	0500	2400	14.3				3K00E	G1D										STANAG 4285
G	BALDOCK	17967.000	22	07					IRL	FA	3K00E	J1D							285	B		
INS	MSKH-KUPANG	17967.000	20	08	0158	0210	12.9		BHR	AL	2K40E	J2D							304	A		
HNG	TARNOK	17968.500	16	08	0500	2400	14.1				3K00E	G1D										STANAG 4285
G	BALDOCK	18002.000	22	07						FX	3K00E	J3E							130	B		
HNG	TARNOK	18010.720	16	08	1300	1320	15.0			BC	11K0	A3E									11	
HNG	TARNOK	18015.000	16	08	1406	1423	50.0				30K0E	F0N										OTHR
J	TOKYO	18040.000	06	08	0132							H3E							322	D		
J	TOKYO	18040.000	18	09	0131				CHN			J3E	121	E	20	25	N	25	244	B		
J	TOKYO	18060.000	09	07	0745			VMW				F3C							195	B		
G	BALDOCK	18060.000	22	07				VMW	AUS	NL	1K10E	F1C							255	C		
INS	MSKH-KUPANG	18060.000	24	07	0119	0121				FX	3K00	A1B										Teleprinter
J	TOKYO	18060.000	03	09	0605							F3C							198	D		
J	TOKYO	18060.000	24	09	2346			VMW				F3C	121	E	30	28	S	42	197	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	18060.100	17	07	0605			VMW				F3C							177	D		
J	TOKYO	18060.400	27	08	0750							F3C							199	D		
HNG	TARNOK	18071.000	18	08	0640	0642	30.2	ES1924TE	EST	AT	100HE	A1B										
HNG	TARNOK	18072.000	18	08	0648	0650	21.4	R7KBB	RUS	AT	100HE	A1B										
INS	MSKH-KUPANG	18080.000	24	07	0107	0118				FX	3K00	A1A										Morse
HNG	TARNOK	18101.000	18	08	1414	1415	43.1	M0UCK	G	AT	50H0	F7B										FT8
G	BALDOCK	18110.000	08	07				LU4AA (BUENOS AIRES)	ARG	FX	100HE	A1A							225	A		AMATEUR HF BEACON
G	BALDOCK	18110.000	08	07				VK6BRP (ROLYSTONE)	AUS	FX	100HE	A1A							92	A		AMATEUR HF BEACON
G	BALDOCK	18110.000	08	07				CS3B (SAO JORGE)	POR	FX	100HE	A1A							219	A		AMATEUR HF BEACON
G	BALDOCK	18110.000	08	07				OA4B (LIMA)	PRU	FX	100HE	A1A							252	A		AMATEUR HF BEACON
G	BALDOCK	18110.000	22	07				4X6TU	ISR	FX	100HE	A1A							114	B		
G	BALDOCK	18110.000	22	07				YV5B	VEN		100HE	A1A							256	A		
G	BALDOCK	18110.000	22	07				4U1UN	XUN	FX	100HE	A1A							287	A		
G	BALDOCK	18110.000	16	09				ZS6DN (PRETORIA)	AFS	FX	100HE	A1A							154	A		AMATEUR RADIO
G	BALDOCK	18110.000	16	09				YV5B (CARACAS)	ARG	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	18110.000	16	09				4X6TU (TEL AVIV)	ISR	FX	100HE	A1A							114	A		AMATEUR RADIO
G	BALDOCK	18110.000	16	09				5Z4B (NAIROBI)	KEN	FX	100HE	A1A							137	A		AMATEUR RADIO
G	BALDOCK	18110.000	16	09				CS3B (SAO JORGE)	POR	FX	100HE	A1A								A		AMATEUR RADIO
G	BALDOCK	18110.000	16	09				4U1UN (NEW YORK)	USA	FX	100HE	A1A							288	A		AMATEUR RADIO
HNG	TARNOK	18125.000	18	08	0655	0658	16.2	VK3EY	AUS	AT	2K80E	J3E										USB
HNG	TARNOK	18135.000	18	08	2025	2035	28.4	PV8AL	B	AT	2K80E	J3E										USB
J	TOKYO	18135.000	03	09	0607				KRE				125	E	39	39	N	46	294	B		
HNG	TARNOK	18142.000	18	08	0652	0654	16.9	VK2TK	AUS	AT	2K80E	J3E										USB
J	TOKYO	18179.710	02	07	1001			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	18179.710	06	08	0140			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	18179.710	27	08	0755			SOUND OF HOPE		BC		A3E							244	D	11	
J	TOKYO	18179.710	03	09	0609			SOUND OF HOPE		BC		A3E	121	E	08	24	N	04	240	B	11	
J	TOKYO	18179.710	10	09	0419			SOUND OF HOPE		BC		A3E							241	D	11	
J	TOKYO	18179.720	02	07	0830			SOUND OF HOPE		BC		A3E							240	D	11	
J	TOKYO	18179.720	24	07	0417			SOUND OF HOPE		BC		A3E	121	E	30	25	N	07	242	B	11	TAIWAN
J	TOKYO	18179.720	18	09	0133			SOUND OF HOPE		BC		A3E	121	E	00	23	N	35	240	B	11	TAIWAN
J	TOKYO	18179.730	20	08	1001			SOUND OF HOPE		BC		A3E	121	E	21	25	N	02	241	B	11	TAIWAN
J	TOKYO	18179.730	24	09	2349			SOUND OF HOPE		BC		A3E	121	E	18	25	N	07	243	B	11	TAIWAN
KOR	CRMS	18180.000	08	07	0433	0433	-9.2		CHN	BC	14K9	A3E									11	
KOR	CRMS	18180.000	08	08	0441	0441	-7.9		CHN	BC	14K8	A3E									11	
KOR	CRMS	18180.000	04	09	0112	0112	-3.2		CHN	BC	14K8	A3E									11	
INS	MSTM-MEDAN	18200.000	23	07	1006	1008	17.0		CHN	BC	12K0	A3E										SOH XI WANG ZHI SHENG
KOR	CRMS	18200.000	22	08	0444	0444	40.8		CHN	BC	14K0	A3E									11	
J	TOKYO	18205.990	09	07	0749				CHN			A1A	116	E	12	24	N	39	249	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	18216.000	02	07	0836							F1B										
INS	MSKH-KUPANG	18243.200	24	07	1245	1246				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	18304.300	24	07	1243	1244				FX	3K00	A1B										Teleprinter
G	BALDOCK	18320.000	22	07					USA	FX	24K0E	D1D							296	A		
G	BALDOCK	18365.300	22	07					POR	FX	3K00E	G1D							205	A		
INS	MSKH-KUPANG	18365.300	24	07	1233	1235				FX	3K00	A1B										Teleprinter
I	ROMA	18366.800	09	09	1048		0.0		SEN	FX	3K00E	G1D							231	A		STANAG 4285
J	TOKYO	18369.990	02	07	0842							F1B										
J	TOKYO	18370.000	02	07	1004							F1B							167	C		TAIWAN
J	TOKYO	18370.000	09	07	0751				USA			F1B	144	E	40	13	N	21	170	B		GUM
J	TOKYO	18370.000	24	09	2352				USA			F1B	144	E	40	13	N	09	169	B		GUM
J	TOKYO	18370.010	24	07	0419				USA			F1B	144	E	34	13	N	15	169	B		GUM
J	TOKYO	18370.430	17	07	0619							F1B							168	D		
J	TOKYO	18439.300	20	08	1002							J2B							219	B		
J	TOKYO	18442.750	20	08	1003							J2B							214	B		
HNG	TARNOK	18495.000	22	08	0000	0700	22.4				3K00E	G1D										STANAG 4285
J	TOKYO	18495.250	13	08	2346				KOR			J2B	126	E	53	36	N	47	280	B		
I	ROMA	18495.300	29	07	0657		16.0		DJI	FX	3K00E	G1D							130	A		STANAG 4285
G	BALDOCK	18500.000	22	07					USA	FX	48K0E	D1D							298	A		
J	TOKYO	18558.000	24	07	0423				USA			F1B	155	W	40	18	N	58	88	B		HWA
J	TOKYO	18558.000	24	09	2358				USA			F1B	155	W	46	19	N	09	87	B		HWA
INS	MSTM-MEDAN	18595.000	16	08	1130	1132			CHN	BC	6K00E	A3E										
J	TOKYO	18600.010	06	08	0149							F1B										
J	TOKYO	18600.100	25	09	0001				F			J2D	165	E	22	21	S	42	153	B		NCL
J	TOKYO	18600.150	20	08	1011				F			J2B	166	E	57	22	S	04	152	B		NCL
J	TOKYO	18600.200	09	07	0753				F			J2B	167	E	15	22	S	04	151	B		NCL
I	ROMA	18619.000	29	07	0701		25.0		BEL	FX	3K00E	G1D							336	A		STANAG 4285
I	ROMA	18619.000	05	08	0932		19.0		BEL	FX	3K00E	G1D							336	A		STANAG 4285
J	TOKYO	18628.100	18	09	0134				CHN				109	E	09	33	N	53	275	B		
INS	MSPA-SAMARINDA	18686.000	13	07	0225	0231	32.9		INS	FX	2K20E	A2A							0			
INS	MSPA-SAMARINDA	18688.000	13	07	0100	0225	41.5		INS	FX	4K35E	J3E							0			
J	TOKYO	18709.000	10	09	0424							F1B							31	D		
J	TOKYO	18720.000	20	08	1014				RUS			F1B	132	E	07	43	N	44	325	B		
HNG	TARNOK	18899.989	26	08	1100	1200	19.2			BC	9K52	A3E										3
KOR	CRMS	18900.000	01	07	0427	0427	0.5		CHN	BC	14K8	A3E										6
INS	MSCK-TANGERANG	18900.000	02	07	0405	0409	19.5	SOH XI WANG ZHI SHENG		BC	9K00E	A3E										
INS	MSWR-MERAUKE	18900.000	02	07	0618	0639	11.8		CHN	BC	9K00	A3E										
KOR	CRMS	18900.000	03	07	0158	0158	4.1		CHN	BC	14K8	A3E										6
INS	MSCK-TANGERANG	18900.000	22	07	0415	0420	35.0			BC	8K00E	A3E										SOH XI WANG ZHI SHENG

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	18900.000	01	08	0534	0534	3.3		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	18900.000	27	08	1256	1256	50.2		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSPA-SAMARINDA	18900.000	28	08	0715	0720	27.8		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	18900.000	30	08	0200	0230			CHN	BC	9K00E	A3E										
J	TOKYO	18900.000	03	09	0620			SOUND OF HOPE		BC		A3E	121	E	08	24	N	04	240	B	11	
KOR	CRMS	18900.000	03	09	0654	0654	19.4		CHN	BC	14K8	A3E									6	
KOR	CRMS	18900.000	10	09	0628	0628	17.6		CHN	BC	14K0	A3E									6	
ROU	BELCIUGATELE	18900.000	27	09	0900	0930	29.9	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							83	A		Chinese language
HNG	TARNOK	18900.007	26	08	0500	0600	16.0			BC	10K6	A3E										
J	TOKYO	18900.080	18	09	0137			SOUND OF HOPE		BC		A3E	121	E	27	24	N	06	240	B	11	TAIWAN
G	BALDOCK	18936.000	30	09					RUS	FL	290HE	F1B							66	C		
J	TOKYO	18969.940	03	09	0622			SOUND OF HOPE		BC		A3E							240	C	11	
KOR	CRMS	18970.000	01	07	0427	0427	8.5		CHN	BC	11K2	A3E									6	
INS	MSCK-TANGERANG	18970.000	02	07	0403	0407	37.2	SOH XI WANG ZHI SHENG		BC	9K00E	A3E										
INS	MSWR-MERAUKE	18970.000	02	07	0537	0618	15.4		CHN	BC	9K00	A3E										
KOR	CRMS	18970.000	03	07	0158	0158	14.3		CHN	BC	9K99	A3E									6	
INS	MSCK-TANGERANG	18970.000	03	07	0254	0258	29.7	SOH XI WANG ZHI SHENG		BC	9K00E	A3E										
INS	MSPA-SAMARINDA	18970.000	08	07	0850	0855	10.0	SOH Xi Wang Zhi Sheng	CHN	FA	10K0E	J3E										
INS	MSCK-TANGERANG	18970.000	22	07	0412	0416	32.1			BC	8K00E	A3E										SOH XI WANG ZHI SHENG
KOR	CRMS	18970.000	01	08	0534	0534	0.6		CHN	BC	14K1	A3E									6	
INS	MSCK-TANGERANG	18970.000	12	08	0255	0258				BC	9K00E	A3E										
INS	MSCK-TANGERANG	18970.000	27	08	1253	1255	44.6		CHN	BC	9K00E	J3E	120	E	42	24	N	23				
INS	MSPA-SAMARINDA	18970.000	29	08	0925	0930	43.7		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	18970.000	30	08	0304	0305	46.9		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	18970.000	30	08	0330	0400			CHN	BC	9K00E	A3E										
KOR	CRMS	18970.000	03	09	0654	0654	11.7		CHN	BC	10K6	A3E									6	
INS	MSCK-TANGERANG	18970.000	06	09	0417	0419	45.1		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	18970.000	10	09	0738	0741	43.3			BC	9K00E	A3E										
INS	MSCK-TANGERANG	18970.000	19	09	0106	0108	40.4		INS	BC	9K00E	A3E										
KOR	CRMS	18970.000	25	09	0158	0158	46.6		CHN	BC	12K5	A3E									6	
J	TOKYO	19051.990	02	07	1012				KOR			A3E	127	E	40	34	N	46	272	A		TAIWAN
J	TOKYO	19051.990	18	09	0139				CHN	BC		A3E	121	E	27	24	N	53	241	B		TAIWAN
I	ROMA	19053.500	05	08	0934		22.0		CYP	FX	3K00E	G1D							107	A		STANAG 4285
HNG	TARNOK	19053.500	28	08	0700	1400	17.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	19234.500	28	08	1618	1650	17.8				2K80E	J3E										USB
J	TOKYO	19256.000	09	07	0805				RUS			F1B	133	E	52	43	N	53	331	B		
J	TOKYO	19508.900	20	08	1019							J2B							331	B		
I	ROMA	19509.000	16	07	0943		19.0			FX	3K00E	G1D							359	A		
INS	MSKH-KUPANG	19586.500	12	07	0222	0225				FX	3K00	A1B										Teleprinter

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	19688.000	02	07	1020							F1B							308	D		TAIWAN
J	TOKYO	19688.000	09	07	0807				RUS			F1B	131	E	51	43	N	09	322	B		
J	TOKYO	19688.000	20	08	1025				RUS			F1B	136	E	15	50	N	45	350	B		
J	TOKYO	19688.000	27	08	0811							F1B							338	D		
HNG	TARNOK	19785.000	30	08	0530	0600	49.0				20K0E	F0N										OTHR
J	TOKYO	19788.000	27	08	0817			XSG		FC		F3C										
J	TOKYO	19788.000	03	09	0637			XSG		FC		F3C										
J	TOKYO	19788.000	18	09	0145			XSG		FC		F3C	121	E	32	31	N	12	260	B		
HNG	TARNOK	19790.000	30	08	0820	1000	13.2				20K0E	F0N										OTHR
HNG	TARNOK	19790.000	30	08	1723	1810	14.2				30K0E	F0N										OTHR
J	TOKYO	19984.000	27	08	0823							F1B							358	D		
J	TOKYO	19984.000	10	09	0430							F1B							325	D		
J	TOKYO	19984.000	25	09	0006				RUS			F1B	131	E	42	43	N	21	321	B		
J	TOKYO	20000.000	02	07	1028			BPM		SS		AXW										
J	TOKYO	20000.000	17	07	0636					SS		AXW							30	D		
J	TOKYO	20000.000	13	08	2359			BPM		SS		AXW	102	E	10	29	N	38	270	B		
INS	MSKH-KUPANG	20000.000	24	09	0623	0630	26.3		USA	SS	9K00E	A3E							70	A		
J	TOKYO	20000.000	25	09	0010			BPM		SS		AXW										
J	TOKYO	20025.000	10	09	0438														242	D		
J	TOKYO	20048.340	27	08	0828			K				A1A							31	D		
J	TOKYO	20048.350	10	09	0441			K				A1A										
G	BALDOCK	20182.000	30	09					USA	FL	6K00E	P0N							296	A		
G	BALDOCK	20185.600	30	09					CAN	FX	3K00E	P0N							292	A		
INS	MSKH-KUPANG	20258.500	12	07	0152	0205				FX	3K00	A1B										Teleprinter
J	TOKYO	20278.750	20	08	1029							J2B							192	B		
J	TOKYO	20468.950	03	09	0645							F3C							176	D		
J	TOKYO	20469.400	17	07	0650							F3C										
I	ROMA	20536.000	05	08	0937		5.0	1EB41EB2952	RUS	FX	250HE	F1B							71	A		50 BD
G	BALDOCK	20548.000	30	09					USA	FL	12K0E	P0N							288	A		
J	TOKYO	20559.000	27	08	0840							F1B							322	D		
HNG	TARNOK	20640.000	05	09	0800	1500	33.2				300H	F1B										CIS36-50
INS	MSKH-KUPANG	20686.000	11	07	0301	0304				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	20808.200	10	07	0250	0252				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	20869.000	10	07	0000	2400				FX	3K00	A1B										Teleprinter
J	TOKYO	20927.850	25	09	0013				CHN				113	E	36	35	N	33	278	B		
INS	MSKH-KUPANG	20930.000	10	07	0241	0242				FX	3K00	A1B										Teleprinter
J	TOKYO	20966.200	20	08	1038							J2B							193	B		
J	TOKYO	20969.800	20	08	1039							J2B							192	B		
INS	MSKH-KUPANG	20991.200	10	07	0238	0240				FX	3K00	A1B										Teleprinter

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	21002.010	07	09	1154	1203	21.0				100HE	A1B										PIRATE STATION PU2TIN
INS	MSKH-KUPANG	21052.200	10	07	0234	0236				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	21113.300	09	07	0137	0139				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	21131.500	09	07	0134	0136				FX	3K00	A1B										Teleprinter
G	BALDOCK	21150.000	14	07				VK6RBP (ROLYSTONE)	AUS	FX	100HE	A1A							92	A		AMATEUR RADIO
G	BALDOCK	21150.000	14	07				4X6TU (TEL AVIV)	ISR	FX	100HE	A1A							114	A		AMATEUR RADIO
G	BALDOCK	21150.000	14	07				CS3B (SAO JORGE)	POR	FX	100HE	A1A							219	A		AMATEUR RADIO
G	BALDOCK	21150.000	14	07				4U1UN (UN)	USA	FX	100HE	A1A							288	A		AMATEUR RADIO
G	BALDOCK	21150.000	14	07				W6WX (MT UMUNHUM)	USA	FX	100HE	A1A							316	A		AMATEUR RADIO
G	BALDOCK	21150.000	14	07				YV5B (CARACAS)	VEN	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	21150.000	16	09				ZS6DN (PRETORAI)	AFS	FX	100HE	A1A							154	A		AMATEUR RADIO
G	BALDOCK	21150.000	16	09				YV5B (CARACAS)	ARG	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	21150.000	16	09				4S7B (COLOMBO)	CLN	FX	100HE	A1A							93	A		AMATEUR RADIO
G	BALDOCK	21150.000	16	09				4X6TU (TEL AVIV)	ISR	FX	100HE	A1A							114	A		AMATEUR RADIO
G	BALDOCK	21150.000	16	09				5Z4B (NAIROBI)	KEN	FX	100HE	A1A							137	A		AMATEUR RADIO
G	BALDOCK	21150.000	16	09				CS3B (SAO JORGE)	POR	FX	100HE	A1A							219	A		AMATEUR RADIO
INS	MSKH-KUPANG	21174.400	09	07	0127	0132				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	21201.500	09	07	0122	0124				FX	3K00	A1B										Teleprinter
HNG	TARNOK	21222.000	07	09	1146	1152	17.5	4K6FO	AZE	AT	2K80	J3E										
INS	MSKH-KUPANG	21235.500	09	07	0117	0120				FX	3K00	A1B										Teleprinter
I	ROMA	21270.000	19	08	0829						10K0E								107	A		
INS	MSKH-KUPANG	21296.500	09	07	0111	0115				FX	3K00	A1B										Teleprinter
INS	MSKH-KUPANG	21418.600	09	07	1255	1259				FX	3K00	A1B										Teleprinter
ROU	BELCIUGATELE	21470.000	05	07	1101		39.7	BBC	OMA	BC	5K90	A3E							121	A		AI Seela Pashto language
INS	MSTM-MEDAN	21470.000	08	07	0204	0217	12.4		ROU	BC	9K00E	A3E	026	E	06	44	N	44	277			R. ROMANIA INT.
ROU	BELCIUGATELE	21470.000	16	07	0901	1011	44.3	BBC	OMA	BC	10K0	A3E							121	A		AI Seela Pashto/Dari language
INS	MSCK-TANGERANG	21470.000	13	08	0847	0850	26.7		OMA	BC	6K00E	A3E										
KOR	CRMS	21472.000	20	08	0018	0018	17.7		CHN	BC	14K2	A3E									6	
INS	MSWR-MERAUKE	21490.000	02	07	1142	1226	4.2		CHN	BC	9K00	A3E										
KOR	CRMS	21490.000	03	07	0405	0405	13.6		CHN	BC	15K0	A3E									6	
ROU	BELCIUGATELE	21490.000	05	07	1102	1141	48.9	SOH Xi Wang	CHN	BC	10K0	A3E							84	A		Miaoli Chinese language
INS	MSTM-MEDAN	21490.000	08	07	0217	0235	17.5		CHN	BC	9K00E	A3E	120	E	42	24	N	23	337			SOH XI WANG ZHI SHENG
INS	MSPA-SAMARINDA	21490.000	13	07	0700	0800	38.6		CHN	BC	9K00	A3E							0			
ROU	BELCIUGATELE	21490.000	16	07	0921	1012	49.5	SOH Xi Wang	CHN	BC	10K0	A3E							83	A		Miaoli Chinese language
KOR	CRMS	21490.000	01	08	0607	0607	36.2		CHN	BC	14K8	A3E									6	
INS	MSCK-TANGERANG	21490.000	13	08	0600	0630			CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	21490.000	13	08	0846	0848	34.8			BC	8K00E	A3E										
INS	MSPA-SAMARINDA	21490.000	28	08	0710	0715	31.6		CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	21490.000	30	08	0254	0256	45.3		CHN	BC	9K00E	A3E	120	E	42	24	N	23				

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	21490.000	04	09	0406	0406	45.4		CHN	BC	13K6	A3E									6	
KOR	CRMS	21490.000	06	09	0028	0028	30.9		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	21490.000	06	09	0415	0416	53.3		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	21490.000	10	09	0735	0739	42.3			BC	9K00E	A3E										
INS	MSCK-TANGERANG	21490.000	12	09	1239	1239	46.4		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	21490.000	18	09	0715	0816	50.8		INS	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSKH-KUPANG	21490.000	20	09	0720	0730	34.7		CHN	BC	2K00E	A3E										Sound of Hope
ROU	BELCIUGATELE	21490.000	26	09	1140	1210	57.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00	A3E							71	A		Chinese language
HNG	TARNOK	21490.006	09	09	0408	0600	20.4	SCH XI WANG	CHN	BC	10K1	A3E										
KOR	CRMS	21495.000	03	09	0122	0122	23.4		CHN	BC	14K8	A3E									6	
INS	MSTM-MEDAN	21500.000	08	07	0235	0300	21.6		G	BC	9K00E	A3E	002	E	49	52	N	16	265			BBC
INS	MSWR-MERAUKE	21530.000	02	07	1138	1142	17.5		CHN	BC	9K00	A3E										
INS	MSCK-TANGERANG	21530.000	03	07	0251	0255	30.8	CNR 1 3E8 (DIGITAL)	CHN	BC	9K00E	A3E										
KOR	CRMS	21530.000	03	07	0405	0405	31.1		CHN	BC	11K6	A3E									6	
INS	MSTM-MEDAN	21530.000	08	07	0300	0332	25.8		CHN	BC	9K00E	A3E	120	E	42	24	N	23	337			SOH XI WANG ZHI SHENG
INS	MSPA-SAMARINDA	21530.000	13	07	0700	0800	32.2		CHN	BC	9K00	A3E							0			
INS	MSCK-TANGERANG	21530.000	12	08	0251	0255				BC	9K00E	A3E										
KOR	CRMS	21530.000	12	08	0626	0626	8.6		CHN	BC	14K9	A3E									6	
INS	MSCK-TANGERANG	21530.000	13	08	0500	0530			CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	21530.000	30	08	0300	0301			INS	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	21530.000	06	09	0411	0413	62.7		INS	BC	9K00E	A3E	108	E	40	18	N	52				
HNG	TARNOK	21530.000	09	09	0415	0500	22.6				7K00	A3E										
KOR	CRMS	21530.000	12	09	0611	0611	42.7		CHN	BC	10K5	A3E									6	
KOR	CRMS	21530.000	24	09	0045	0045	11.3		CHN	BC	11K7	A3E									6	
KOR	CRMS	21530.000	25	09	0403	0403	-10.8		G	BC	14K6	A3E									6	
INS	MSTM-MEDAN	21550.000	06	08	0535	0546	50.9		ROU	BC	10K0E	A3E									11	
INS	MSTM-MEDAN	21560.000	08	07	0332	0345	37.9		UAE	BC	9K00E	A3E	054	E	14	24	N	10	282			BBC
I	ROMA	21560.000	27	09	0458		24.0	BBC WORLDSERVICE		BC	10K0E	A3E							103	A		
INS	MSCK-TANGERANG	21570.000	02	07	0401	0404	25.4	R.FREE ASIA		BC	9K00E	A3E										
KOR	CRMS	21570.000	03	07	0407	0407	29.6		CHN	BC	14K7	A3E									6	
KOR	CRMS	21570.000	10	07	0402	0402	55.5		USA	BC	14K8	A3E									6	
INS	MSTM-MEDAN	21580.000	08	07	0345	0400	12.1		F	BC	9K00E	A3E	001	E	53	46	N	57	258			R. FRANCE INT.
HNG	TARNOK	21580.000	09	09	0700	1000	30.4	RFI	F	BC	10K6	A3E										
KOR	CRMS	21580.000	23	09	0706	0706	-5.4		F	BC	15K0	A3E									6	
ROU	BELCIUGATELE	21580.000	27	09	0830	0900	59.7	R. France Int		BC	9K00	A3E							288	A		French language
KOR	CRMS	21590.000	01	07	0617	0617	35.2		USA	BC	13K9	A3E									6	
INS	MSPA-SAMARINDA	21600.000	13	07	0700	0800	20.6		PHL	BC	9K00	A3E							0			
INS	MSTM-MEDAN	21620.000	08	07	0400	0430	18.2		PHL	BC	9K00E	A3E	120	E	37	15	N	22	335			VOICE OF AMERICA
INS	MSTM-MEDAN	21630.000	08	07	0430	0445	13.9		CVA	BC	9K00E	A3E	012	E	19	42	N	02	261			BBC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSTM-MEDAN	21650.000	08	07	0445	0500	19.2		PHL	BC	9K00E	A3E	120	E	37	15	N	22	335			VOICE OF AMERICA
INS	MSCK-TANGERANG	21650.000	12	08	0600	0700			CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	21660.000	08	07	0700	0800	15.2		UAE	BC	9K00	A3E							0			
INS	MSTM-MEDAN	21660.000	12	07	0117	0127	17.0		MDG	BC	9K00E	A3E	047	E	36	18	N	45	253			BBC
INS	MSCK-TANGERANG	21660.000	12	08	0600	0700			CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	21670.000	12	07	0127	0137	24.6		ARS	BC	9K00E	A3E	046	E	52	24	N	49	276			R. SAUDI INTERNATIONAL
HNG	TARNOK	21675.000	11	09	0644	0713	39.0				20K0E	F0N									13	OTHR
INS	MSTM-MEDAN	21680.000	12	07	0137	0147	20.1			BC	9K00E	A3E	145	E	36	15	N	02	359			R. FREE ASIA
INS	MSTM-MEDAN	21690.000	12	07	0147	0157	31.7		F	BC	9K00E	A3E	001	E	53	46	N	57	258			R. FRANCE INT.
INS	MSCK-TANGERANG	21690.000	12	08	0600	0700			CHN	BC	9K00E	A3E										
HNG	TARNOK	21690.003	11	09	1200	1259	28.0	RFI	F	BC	9K79	A3E										
HNG	TARNOK	21690.004	11	09	0915	1000	31.6			BC	10K4	A3E										
HNG	TARNOK	21690.004	11	09	1800	1859	37.0	RFI	F	BC	9K34	A3E										
ROU	BELCIUGATELE	21695.000	05	07	0942	0954	47.2	Voice of America	PHL	BC	9K00	A3E							84	A		Tinang Chinese language
ROU	BELCIUGATELE	21695.000	16	07	1014	1041	48.2	Voice of America	PHL	BC	10K0	A3E							84	A		Tinang Chinese language
INS	MSTM-MEDAN	21710.000	12	07	0157	0200	22.7		UAE	BC	9K00E	A3E	054	E	14	24	N	10	282			MIZZIMA RADIO
INS	MSTM-MEDAN	21750.000	12	07	0200	0215	18.7		PHL	BC	9K00E	A3E	120	E	37	15	N	22	335			VOICE OF AMERICA
INS	MSTM-MEDAN	21760.000	12	07	0215	0230	11.7		PHL	BC	9K00E	A3E	120	E	37	15	N	22	335			VOICE OF AMERICA
KOR	CRMS	21800.000	01	07	0617	0617	24.5		CHN	BC	14K8	A3E									6	
INS	MSCK-TANGERANG	21800.000	02	07	0000	2400	30.8	SOH XI WANG ZHI SHENG		BC	9K00E	A3E										
INS	MSCK-TANGERANG	21800.000	03	07	0246	0250	36.8	SOH XI WANG ZHI SHENG		BC	9K00E	A3E										
ROU	BELCIUGATELE	21800.000	05	07	0915	1013	43.2	SOH Xi Wang	PHL	BC	10K0	A3E							83	A		Miaoli Chinese language
INS	MSPA-SAMARINDA	21800.000	08	07	0700	0800	39.2		CHN	BC	9K00	A3E							0			
INS	MSTM-MEDAN	21800.000	12	07	0230	0300	27.2		CHN	BC	9K00E	A3E	120	E	42	24	N	23	337			SOH XI WANG ZHI SHENG
KOR	CRMS	21800.000	29	07	0613	0613	7.8		CHN	BC	10K8	A3E									6	
KOR	CRMS	21800.000	01	08	0608	0608	32.7		CHN	BC	10K0	A3E									6	
INS	MSCK-TANGERANG	21800.000	12	08	0130	0200			CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	21800.000	12	08	0245	0250				BC	9K00E	A3E										
INS	MSCK-TANGERANG	21800.000	13	08	0843	0946	36.0			BC	9K00E	A3E										
INS	MSPA-SAMARINDA	21800.000	28	08	0705	0710	36.3		CHN	BC	9K00E	A3E										
KOR	CRMS	21800.000	03	09	0122	0122	37.9		CHN	BC	14K4	A3E									6	
KOR	CRMS	21800.000	04	09	0407	0407	34.3		CHN	BC	10K2	A3E									6	
INS	MSCK-TANGERANG	21800.000	10	09	0731	0734	30.9			BC	9K00E	A3E										
INS	MSCK-TANGERANG	21800.000	12	09	1236	1238	48.7		CHN	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSCK-TANGERANG	21800.000	18	09	0712	0714	51.3		INS	BC	9K00E	A3E	120	E	42	24	N	23				
INS	MSKH-KUPANG	21800.000	19	09	0523	0528	17.6		CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	21800.000	20	09	0720	0730	37.6		CHN	BC	2K00E	A3E										Sound of Hope
INS	MSTM-MEDAN	21850.000	22	07	0115	0300	2.4		INS	FX	3K00E	J3E										
INS	MSPA-SAMARINDA	21928.000	08	07	0700	0800	22.2		CHN	AL	2K40E	G7W							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	21928.000	09	07	0803			GUAM		FA		J2D										
J	TOKYO	21928.000	17	07	0606			GUAM		FA		J2D										
INS	MSCK-TANGERANG	21928.000	22	07	0200	0400	15.0		USA	AL	2K40E	G7W							270			
J	TOKYO	21928.000	06	08	0140			GUAM		FA		J2D										
J	TOKYO	21928.000	13	08	2351			GUAM		FA		J2D										
INS	MSKH-KUPANG	21928.000	19	08	0937	0943	16.3		USA	AL	2K40E	J2D							68	A		
INS	MSKH-KUPANG	21928.000	20	08	0210	0217	20.8		USA	AL	2K40E	J2D							74	A		
J	TOKYO	21928.000	20	08	1015			GUAM		FA		J2D										
J	TOKYO	21928.000	27	08	0750			GUAM		FA		J2D										
J	TOKYO	21928.000	03	09	0607			MOLOKAI		FA		J2D										
J	TOKYO	21928.000	10	09	0420			GUAM		FA		J2D										
J	TOKYO	21928.000	18	09	0135			GUAM		FA		J2D										
J	TOKYO	21928.000	24	09	2355			GUAM		FA		J2D										
J	TOKYO	21931.000	02	07	1007			MUAN		FA		J2D										GUM
J	TOKYO	21931.000	09	07	0810			MUAN		FA		J2D										
J	TOKYO	21931.000	17	07	0618			MUAN		FA		J2D										
J	TOKYO	21931.000	24	07	0420			MUAN		FA		J2D										
J	TOKYO	21931.000	10	09	0424			MUAN		FA		J2D										
J	TOKYO	21937.000	09	07	0814			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	24	07	0430			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	06	08	0150			MOLOKAI		FA		J2D										
INS	MSKH-KUPANG	21937.000	20	08	0220	0229	23.8		USA	AL	2K40E	J2D							73	A		
J	TOKYO	21937.000	20	08	1020			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	27	08	0751			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	03	09	0608			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	10	09	0427			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	18	09	0140			MOLOKAI		FA		J2D										
INS	MSCK-TANGERANG	21949.000	22	07	0200	0400	25.5		THA	AL	2K40E	G7W							330			
J	TOKYO	21949.000	13	08	2356			HATYAI		FA		J2D										
INS	MSKH-KUPANG	21949.000	20	08	0235	0244	22.5		THA	AL	2K40E	J2D										
J	TOKYO	21949.000	10	09	0430							J2D										
J	TOKYO	21949.000	18	09	0145			HATYAI		FA		J2D										
J	TOKYO	21949.000	25	09	0001			HATYAI		FA		J2D										
INS	MSPA-SAMARINDA	21950.000	13	07	0848	0940	18.2		INS	FX	1K20	F1B							0			
J	TOKYO	21982.000	17	07	0620							J2D										
J	TOKYO	21982.000	20	08	1025			BAHRAIN		FA		J2D										
INS	MSKH-KUPANG	21997.000	20	08	0248	0255	12.2		BOL	AL	2K40E	J2D										
J	TOKYO	21997.000	03	09	0610			SANTCRUZ		FA		J2D										
INS	MSPA-SAMARINDA	22030.000	08	07	0700	0800	12.5		CHN	BC	9K00	A3E							0			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSTM-MEDAN	22050.000	22	07	0440	0700	4.4		INS	FX	3K00E	J3E										
INS	MSPA-SAMARINDA	22070.000	08	07	0700	0800	15.1		CHN	BC	9K00	A3E							0			
HNG	TARNOK	22137.000	15	09	1128	1211	47.5				20K0E	F0N										OTHR
I	ROMA	22222.000	05	08	0943		8.0					G1D							106	A		
J	TOKYO	22387.500	03	09	0616			SVO		FC		F1B							316	D		
I	ROMA	22448.600	18	09	0944					FX	3K10E	G1D							128	A		
I	ROMA	22448.800	05	08	1220		3.0	FUV	DJI	FX	3K00E	G1D							128	A		STANAG 4285
I	ROMA	22448.800	09	09	1355		1.0	FUV	DJI	FX	3K00E	G1D							128	A		STANAG 4285
HNG	TARNOK	22449.000	17	09	0533	1435	14.6				3K00E	G1D										STANAG 4285
J	TOKYO	22462.700	27	08	0756				F				165	E	15	21	S	09	154	A		NCL
J	TOKYO	22462.700	03	09	0631				F				164	E	30	20	S	39	154	A		
HNG	TARNOK	22463.000	17	09	0648	1800	20.7				3K00E	G1D										STANAG 4285
I	ROMA	22463.500	09	09	1357		18.0				3K00E	G1D							267	A		
J	TOKYO	22471.000	27	08	0758							F1B							251	D		
J	TOKYO	22471.000	03	09	0638							F1B							251	D		
J	TOKYO	22515.300	03	09	0642				AUS				130	E	34	13	S	34	192	B		
J	TOKYO	22621.700	27	08	0803														193	C		
J	TOKYO	22621.800	03	09	0644														208	D		
J	TOKYO	22638.200	27	08	0805														175	C		
HNG	TARNOK	22650.000	17	09	0541	0548	19.5				20K0E	F0N										OTHR
J	TOKYO	22676.100	25	09	0009														208	D		
I	ROMA	22684.500	09	09	1404		21.0				3K00E	G1D							266	A		
HNG	TARNOK	22684.500	17	09	1017	2015	18.5				3K00E	G1D									13	STANAG 4285
INS	MSWR-MERAUKE	22850.000	12	08	1248	1252			INS	BC	3K00E	J3E										Siaran Radio Berbahasa China
J	TOKYO	22910.000	20	08	1030							F1B							250	D		
J	TOKYO	22910.000	03	09	0653							F1B							251	D		
J	TOKYO	23043.000	17	07	0625				RUS			F1B							354	D		
J	TOKYO	23043.000	06	08	0155							F1B							323	D		
J	TOKYO	23043.000	18	09	0200							F1B							323	D		
INS	MSWR-MERAUKE	23650.000	27	08	0334	0338			INS	BC	3K00E	J3E										Siaran Radio Berbahasa China
HNG	TARNOK	23880.000	23	09	1010	1314	35.4				12K0E	G1D										
HNG	TARNOK	23915.000	23	09	0600	0625	23.0				12K0E	G1D										
HNG	TARNOK	23955.000	23	09	1005	1410	32.2				12K0E	G1D										
HNG	TARNOK	23993.000	23	09	0715	0815	27.1				12K0E	G1D										
J	TOKYO	24001.900	02	07	1020							F1B										
J	TOKYO	24075.580	10	09	0444							F1B										
J	TOKYO	24300.200	27	08	0818				AUS				146	E	58	37	S	53	175	B		
J	TOKYO	24300.300	03	09	0701														192	D		
INS	MSTM-MEDAN	24650.000	30	07	0230	0300	2.4		INS	FX	3K00E	J3E										

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	24930.000	14	07				4U1UN (UNITED NATIONS)	USA	FX	100HE								288	A		AMATEUR RADIO
G	BALDOCK	24930.000	14	07				YV5B (CARACAS)	VEN	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	24930.000	16	09				ZS6DN (PRETORIA)	AFS	FX	100HE	A1A							154	A		AMATEUR RADIO
G	BALDOCK	24930.000	16	09				YV5B (CARACAS)	ARG	FX	100HE	A1A							258	A		AMATEUR RADIO
G	BALDOCK	24930.000	16	09				LU4AA (BUENOS AIRES)	ARG	FX	100HE	A1A							225	A		AMATEUR RADIO
G	BALDOCK	24930.000	16	09				CS3B (SAO JORGE)	POR	FX	100HE	A1A							219	A		AMATEUR RADIO
INS	MSPA-SAMARINDA	25095.000	08	07	0330	0345	12.1		INS	FX	3K00	F1B							0			
INS	MSPA-SAMARINDA	25333.000	08	07	0330	0345	17.7		INS	FX	3K00	F1B							0			
INS	MSWR-MERAUKE	25850.000	12	08	0116	0119			INS	BC	3K00E	J3E										Siaran Radio Berbahasa China
J	TOKYO	26139.200	03	09	0712														190	D		
INS	MSWR-MERAUKE	26685.000	07	08	0201	0210			INS	BC	3K00E	J3E										Siaran Radio Berbahasa China
INS	MSWR-MERAUKE	27014.000	02	08	0155	0159			INS	BC	3K00E	J3E										Siaran Radio Berbahasa China
I	ROMA	27045.000	05	08	1708		13.0	CB QSO	F	FX	6K00E	F3E							285	A		FRENCH LANGUAGE
J	TOKYO	27135.010	10	09	0508							F1B							268	D		
INS	MSPA-SAMARINDA	27220.000	08	07	0300	0800	23.2		CHN	BC	9K00	A3E							0			
INS	MSTM-MEDAN	27250.000	24	07	0110	0115	3.8		INS	FX	3K00E	J3E										
INS	MSTM-MEDAN	27250.000	29	07	0440	0455	3.8		INS	FX	3K00E	J3E										
INS	MSPA-SAMARINDA	27285.000	08	07	0300	0800	20.5		INS	FX	3K00	J3E							0			
INS	MSWR-MERAUKE	27305.000	22	08	0400	0445	2.5		INS	AT	2K40	J3E										
INS	MSPA-SAMARINDA	27520.000	08	07	0300	0800	25.7		CHN	BC	9K00	A3E							0			
INS	MSPA-SAMARINDA	27540.000	08	07	0600	0800	12.0		CHN	FX	2K40	J3E							0			
INS	MSPA-SAMARINDA	27645.000	08	07	0600	0800	25.7		CHN	BC	9K00	A3E							0			
INS	MSPA-SAMARINDA	27675.000	08	07	0600	0800	12.2		CHN	FX	2K40	J3E							0			
INS	MSPA-SAMARINDA	27680.000	08	07	0300	0800	34.3		CHN	BC	9K00	A3E							0			
INS	MSPA-SAMARINDA	27700.000	08	07	0300	0800	46.5		CHN	BC	9K00	A3E							0			
INS	MSPA-SAMARINDA	27805.000	08	07	0730	0830	10.9		CHN	FX	2K40	J3E							0			
INS	MSPA-SAMARINDA	27875.000	08	07	0730	0830	13.0		CHN	FX	2K40	J3E							0			