



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°: **370**

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: **01.04.21 - 30.06.21**

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: **25.01.22**

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
KOR	CRMS	2850.000	12	06	0610	0610	-28.9		KRE	BC		A3E									11	
J	TOKYO	2875.850	13	04	1000							A1A										
J	TOKYO	3051.530	13	04	1004				KRE			A3E	125	E	30	39	N	06	291	A		
G	BALDOCK	3098.000	28	04	2330			(RUSSIAN PIRATE)	RUS	FX		A3E	039	E	37	53	N	18				NON-CONFORMITY RR.5
J	TOKYO	3115.370	13	04	1007							A1A							286	C		
D	KONSTANZ	3164.800	09	04	0010	0909				FX	2K70E	G1D							211			
D	KONSTANZ	3164.800	09	04	0010	0909				FX	2K70E	G1D							251			
D	KONSTANZ	3164.800	09	04	0010	0909			S	FX	2K70E	G1D							34			
D	KONSTANZ	3164.800	11	04	0000	0939			S	FX	2K70E	G1D							34			
D	KONSTANZ	3185.000	11	04	1904	2002			UKR	FX	500H	F1B							73			A OF LVOV
G	BALDOCK	3194.000	05	04	1718		?		DNK	FC		G1D							43	A		2400 BAUD DATA MODEM
D	KONSTANZ	3194.000	09	04	0000	2400			NOR	FX	2K70E	G1D	010	E	46	59	N	10	1			A OF FREDERIKSTAD
D	KONSTANZ	3194.000	10	04	0000	2400			NOR	FX	2K70E	G1D	010	E	46	59	N	10	1			A OF FREDERIKSTAD
D	KONSTANZ	3194.000	11	04	0000	2400			NOR	FX	2K70E	G1D	010	E	46	59	N	10	1			A OF FREDERIKSTAD
G	BALDOCK	3194.000	22	05	1136		?		DNK	FC		G1D							43	A		2400 BAUD DATA MODEM
G	BALDOCK	3194.000	20	06	0155		?		DNK	FC		G1D							42	A		2400BD STANAG 4285
J	TOKYO	3205.000	05	04	2348				KRE	BC		D7W	126	E	19	39	N	04	291	A		
J	TOKYO	3205.000	13	04	1009				KRE	BC		D7W	125	E	30	39	N	01	299	A		
D	KONSTANZ	3215.000	12	04	0058	0704			USA	BC	9K00E	A3E							294			
D	KONSTANZ	3215.000	13	04	0100	0651			USA	BC	9K00E	A3E							294			
D	KONSTANZ	3215.000	14	04	0058	0535			USA	BC	9K00E	A3E							294			
J	TOKYO	3219.840	13	04	1011			KOREAN CENTRAL B.S.		BC		A3E									11	
KOR	CRMS	3220.000	08	04	0907	0907	21.9		KRE	BC		A3E							0		11	
KOR	CRMS	3220.000	02	05	0919	0919	24.9		KRE	BC		A3E									11	
KOR	CRMS	3220.000	12	06	1512	1512	-0.5		KRE	BC		A3E									11	
D	KONSTANZ	3225.938	12	04	1953	2400			F	FX	50H0E	N0N	002	E	56	44	N	57	223			
D	KONSTANZ	3225.938	13	04	0000	2400			F	FX	50H0E	N0N	002	E	56	44	N	57	223			
D	KONSTANZ	3225.938	14	04	0000	0555			F	FX	50H0E	N0N	002	E	56	44	N	57	223			
D	KONSTANZ	3236.775	12	04	0000	0421			TUR	FX	2K70E	G1D							92			A OF ANKARA
D	KONSTANZ	3236.775	12	04	1718	2400			TUR	FX	2K70E	G1D							92			A OF ANKARA
D	KONSTANZ	3236.775	13	04	0000	2400			TUR	FX	2K70E	G1D							92			A OF ANKARA
D	KONSTANZ	3236.775	14	04	0000	0420			TUR	FX	2K70E	G1D							92			A OF ANKARA
D	KONSTANZ	3236.775	14	04	1747	2400			TUR	FX	2K70E	G1D							92			A OF ANKARA
G	BALDOCK	3236.800	28	04	0323		?		D	FX		G1D							102	A		
G	BALDOCK	3243.000	22	04	1938		?		RUS	FX		XXX										
G	BALDOCK	3249.000	22	05	1138		?		D	FX		G1D							70	A		
J	TOKYO	3250.000	05	04	2351			KOREAN CENTRAL B.S.		BC		A3E									11	
KOR	CRMS	3250.000	08	04	0033	0033	19.5		KRE	BC		A3E							54		11	
J	TOKYO	3250.000	13	04	1012			KOREAN CENTRAL B.S.		BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	3250.000	12	05	0614	0614	-9.8		KRE	BC		A3E									11	
KOR	CRMS	3250.000	18	06	1209	1209	6.5		KRE	BC		A3E									11	
G	BALDOCK	3255.000	16	05	1822			KCBS PYONGYANG	KRE	BC		A3E							38	B		PYONGYANG TX
D	KONSTANZ	3259.840	17	04	0337	0536				FX	2K70E	G1D	017	E	51	45	N	17	110			
D	KONSTANZ	3259.840	17	04	1955	2400				FX	2K70E	G1D	017	E	51	45	N	17	110			
D	KONSTANZ	3265.550	16	04	2050	2400				FX	3K00E	J3E							226			
D	KONSTANZ	3265.550	17	04	0000	0026				FX	3K00E	J3E							226			
D	KONSTANZ	3273.460	16	04	1736	2400			UKR	FX	2K60E	J7D	027	E	00	49	N	47	74			
D	KONSTANZ	3273.460	17	04	0000	0332			UKR	FX	2K60E	J7D	027	E	00	49	N	47	74			
D	KONSTANZ	3273.460	17	04	1710	2400			UKR	FX	2K60E	J7D	027	E	00	49	N	47	74			
D	KONSTANZ	3279.970	17	04	0222	0353				BC	10K0E	A3E	016	E	26	46	N	02	113			
D	KONSTANZ	3281.991	15	04	2004	2400			UKR	FX		F1B	031	E	26	45	N	59	88			
D	KONSTANZ	3281.991	16	04	0000	0354			UKR	FX		F1B	031	E	26	45	N	59	88			
D	KONSTANZ	3281.991	16	04	2100	2400			UKR	FX		F1B	031	E	26	45	N	59	88			
D	KONSTANZ	3281.991	17	04	0000	0342			UKR	FX		F1B	031	E	26	45	N	59	88			
D	KONSTANZ	3281.991	17	04	1959	2400			UKR	FX		F1B	031	E	26	45	N	59	88			
D	KONSTANZ	3287.400	15	04	0000	0545				MS	2K70E	G1D							32			
D	KONSTANZ	3287.400	15	04	0001	2400				MS	2K70E	G1D							32			
D	KONSTANZ	3287.400	16	04	0000	0508				MS	2K70E	G1D							32			
D	KONSTANZ	3287.400	17	04	1828	2317				MS	2K70E	G1D							32			
G	BALDOCK	3287.500	16	05	1824		?		NOR	FX		G1D							24	A		SECURE
D	KONSTANZ	3288.750	15	04	0000	0802			G	FX	2K70E	G1D							266			
D	KONSTANZ	3288.750	15	04	1900	2400			G	FX	2K70E	G1D							266			
D	KONSTANZ	3288.750	16	04	0000	0758			G	FX	2K70E	G1D							266			
D	KONSTANZ	3288.750	16	04	0001	2400			G	FX	2K70E	G1D							266			
D	KONSTANZ	3288.750	17	04	0000	0822			G	FX	2K70E	G1D							266			
D	KONSTANZ	3288.750	17	04	1855	2400			G	FX	2K70E	G1D							266			
D	BERLIN	3294.501	16	04	0309					FX	2K70E	G1D	020	E	05	22	N	25	168			
D	KONSTANZ	3308.000	19	04	2058	2244			RUS	FX	2K60E	J7D	028	E	55	56	N	07	48			
D	KONSTANZ	3310.000	18	04	0000	0208				BC	10K0E	A3E							253			
D	KONSTANZ	3310.000	20	04	0000	0207				BC	10K0E	A3E							253			
J	TOKYO	3320.000	05	04	2353			PYONGYANG B.S.		BC		A3E									11	
KOR	CRMS	3320.000	11	04	0005	0005	11.4		KRE	BC		A3E							0		11	
J	TOKYO	3320.000	13	04	1014			PYONGYANG B.S.		BC		A3E									11	
KOR	CRMS	3320.000	11	05	1159	1159	9.7		KRE	BC		A3E									11	
KOR	CRMS	3320.000	11	06	1202	1202	4.5		KRE	BC		A3E									11	
D	KONSTANZ	3322.130	18	04	0000	0815			G	FX	2K70E	G1D	001	W	15	53	N	16	312			
D	KONSTANZ	3322.130	19	04	0000	0838			G	FX	2K70E	G1D	001	W	15	53	N	16	312			
D	KONSTANZ	3322.130	20	04	0000	0940			G	FX	2K70E	G1D	001	W	15	53	N	16	312			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	3322.130	20	04	1746	2400			G	FX	2K70E	G1D	001	W	15	53	N	16	312			
D	KONSTANZ	3325.000	18	04	1615	2400				FX	50H0E	N0N	064	E	35	42	N	49	76			
G	BALDOCK	3330.000	02	04	0451			CHU TIME SIGNAL	CAN	FX		H9W							291	A		TIME SIGNAL
D	KONSTANZ	3330.499	18	04	0000	0457		CHU	CAN	SS	3K00E	H3E							299			OTTAWA
D	KONSTANZ	3330.499	19	04	0000	0540		CHU	CAN	SS	3K00E	H3E							299			OTTAWA
D	KONSTANZ	3330.499	20	04	0000	0624		CHU	CAN	SS	3K00E	H3E							299			OTTAWA
D	KONSTANZ	3338.000	18	04	1614	1957			RUS	FX	2K60E	J7D	022	E	19	54	N	46	47			A OF KALININGRAD
D	KONSTANZ	3338.000	19	04	2049	2219			RUS	FX	2K60E	J7D	022	E	19	54	N	46	47			A OF KALININGRAD
D	BERLIN	3341.000	19	04	1705	1841			RUS	FX		F1B	062	E	19	56	N	00	64			
D	KONSTANZ	3345.000	18	04	0001	1726			LTU	FX		F1B	025	E	51	55	N	07	48			
D	KONSTANZ	3354.780	21	04	0000	0755			G	FX	2K62	G1D	002	W	48	53	N	42	309			A OF LIVERPOOL
D	KONSTANZ	3354.780	21	04	1753	2400			G	FX	2K62	G1D	002	W	48	53	N	42	309			A OF LIVERPOOL
D	KONSTANZ	3354.780	22	04	0000	0756			G	FX	2K62	G1D	002	W	48	53	N	42	309			A OF LIVERPOOL
D	KONSTANZ	3354.780	22	04	1753	2400			G	FX	2K62	G1D	002	W	48	53	N	42	309			A OF LIVERPOOL
D	KONSTANZ	3354.780	23	04	0000	0804			G	FX	2K62	G1D	002	W	48	53	N	42	309			A OF LIVERPOOL
D	KONSTANZ	3354.780	23	04	1802	2400			G	FX	2K62	G1D	002	W	48	53	N	42	309			A OF LIVERPOOL
G	BALDOCK	3366.995	22	04	2003			?	RUS	FX		F1B							66	A		
D	KONSTANZ	3373.462	21	04	1753	2400			UKR	FX	2K60E	J7D	032	E	34	45	N	38	89			
D	KONSTANZ	3373.462	22	04	0000	0325			UKR	FX	2K60E	J7D	032	E	34	45	N	38	89			
D	KONSTANZ	3373.462	22	04	1635	2400			UKR	FX	2K60E	J7D	032	E	34	45	N	38	89			
D	KONSTANZ	3373.462	23	04	0000	0334			UKR	FX	2K60E	J7D	032	E	34	45	N	38	89			
D	KONSTANZ	3378.330	22	04	2004	2400			UKR	FX	2K70E	G1D	031	E	15	46	N	39	85			A OF ODESSA
D	KONSTANZ	3378.330	23	04	0000	0410			UKR	FX	2K70E	G1D	031	E	15	46	N	39	85			A OF ODESSA
D	BERLIN	3386.000	21	04	0000	1040			G	FX	2K60	G1D	001	W	55	57	N	38	306			
D	BERLIN	3386.000	21	04	1505	2400			G	FX	2K60	G1D	001	W	55	57	N	38	306			
D	BERLIN	3386.000	22	04	0000	0919			G	FX	2K60	G1D	001	W	55	57	N	38	306			
D	BERLIN	3386.000	22	04	1536	2400			G	FX	2K60	G1D	001	W	55	57	N	38	306			
D	BERLIN	3386.000	23	04	0000	1030			G	FX	2K60	G1D	001	W	55	57	N	38	306			
D	BERLIN	3386.000	23	04	1451	2400			G	FX	2K60	G1D	001	W	55	57	N	38	306			
D	KONSTANZ	3388.000	21	04	0000	0400			ROU	FX	2K70E	G1D	025	E	30	44	N	47	98			A OF BUCHAREST
D	KONSTANZ	3388.000	21	04	1720	2400			ROU	FX	2K70E	G1D	025	E	30	44	N	47	98			A OF BUCHAREST
D	KONSTANZ	3388.000	22	04	0000	0400			ROU	FX	2K70E	G1D	025	E	30	44	N	47	98			A OF BUCHAREST
D	KONSTANZ	3388.000	22	04	1700	2400			ROU	FX	2K70E	G1D	025	E	30	44	N	47	98			A OF BUCHAREST
D	KONSTANZ	3388.000	23	04	0000	0351			ROU	FX	2K70E	G1D	025	E	30	44	N	47	98			A OF BUCHAREST
D	KONSTANZ	3388.000	23	04	1722	2400			ROU	FX	2K70E	G1D	025	E	30	44	N	47	98			A OF BUCHAREST
D	BERLIN	3393.900	21	04	0000	0342			CHN	FX	50H0E	N0N							70			
D	BERLIN	3393.900	22	04	0000	0406			CHN	FX	50H0E	N0N							70			
D	BERLIN	3393.900	22	04	2125	2400			CHN	FX	50H0E	N0N							70			
J	TOKYO	3394.000	13	04	1021							F1B							324	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	3394.000	22	04	1720	1804			RUS	FX	2K60E	J7D	096	E	37	60	N	18	41			
G	BALDOCK	3413.000	22	05	1144			SHANNON VOLMET	IRL	FC		J3E							281	A		
J	TOKYO	3479.990	13	04	1022					BC		A3E							284	A		
J	TOKYO	3479.990	19	04	0706				KOR	BC		A3E	127	E	05	37	N	16	283	B		
J	TOKYO	3482.500	13	04	1022				KRE				125	E	34	39	N	00	288	A		
G	BALDOCK	3560.000	16	05	1827					FX		A1A							71	C		
G	BALDOCK	3574.350	22	04	0530			??		AT		XXX							83	B		AMATEUR PSK TONES
G	BALDOCK	3581.750	07	04	0432			?	TUR	FX		G1D							106	B		
J	TOKYO	3585.000	06	04	0008			HLL2				F3C										
G	BALDOCK	3589.900	20	04								A1A							64	B		
G	BALDOCK	3600.000	22	04	0600			??	F	MS		J3E							169	B		FRENCH FISHERMEN
G	BALDOCK	3608.000	20	04	0329			?	RUS	FX		F1B							68	A		
G	BALDOCK	3635.000	22	04	0615			??	D	MS		J3E							122	B		GERMAN FISHERMEN
J	TOKYO	3650.000	29	06	0149				RUS				133	E	41	43	N	04	327	A		
INS	MSTM-MEDAN	3750.000	22	06	0000	2400	10.0	Unknown		FX	2K10E	J3E										KOMRAD
J	TOKYO	3806.800	06	04	0012				RUS			J2D	133	E	08	42	N	53	324	A		
G	BALDOCK	3807.000	07	04	0410			?	D	FC		G1D							70	A		
G	BALDOCK	3807.000	22	05	1148			?	D	FC		G1D							70	A		
INS	MSTM-MEDAN	3813.000	22	06	0615	0620	34.0	Unknown		FX	2K50E	J3E										KOMRAD
G	BALDOCK	3818.010	07	04	0400			?	RUS	FX		F1B							69	B		SECURE 250 SHIFT
G	BALDOCK	3855.000	19	06	2100			DDH3 (HAMBURG)	D	FC		F1C							70	A		METEO FAX 120RPM (576)
J	TOKYO	3855.000	29	06	0151				RUS				135	E	40	43	N	07	327	A		
G	BALDOCK	3856.000	19	06	2100			?		FX		G1D							31	A		SECURE
G	BALDOCK	3857.700	07	04	0333			?	NOR	FX		G1D							21	A		2400 BD STANAG 4285
INS	MSTM-MEDAN	3865.000	18	06	0110	0120	34.0	unknown		FX	2K80E	J3E										KOMRAD
G	BALDOCK	3881.000	19	06	2108			FAV22	F	FX		A1A							160	A		5 UNIT CODE
J	TOKYO	3900.000	13	04	1032				CHN	BC		A3E	119	E	44	49	N	09	319	B		
J	TOKYO	3909.970	13	04	1034					BC		A3E										
KOR	CRMS	3910.000	03	04	0625	0625	45.1		KRE	BC		A3E										11
KOR	CRMS	3910.000	26	06	1509	1509	43.8		KRE	BC		A3E										11
J	TOKYO	3929.980	13	04	1035					BC		A3E										
J	TOKYO	3929.990	22	06	0434				KOR	BC		A3E	126	E	53	37	N	29	284	B		
J	TOKYO	3929.990	29	06	0152				KOR	BC		A3E	127	E	01	37	N	28	283	A		
KOR	CRMS	3930.000	01	04	0018	0018	59.4		KRE	BC	8K60E	A3E										11
KOR	CRMS	3930.000	26	06	1509	1509	63.1		KRE	BC		A3E										11
KOR	CRMS	3945.000	13	04	1202	1202	36.2		KRE	BC		A3E							0			11
KOR	CRMS	3945.000	11	05	0414	0414	10.8		KRE	BC		A3E										11
KOR	CRMS	3945.000	11	06	1204	1204	14.5		KRE	BC		A3E										11
G	BALDOCK	3955.000	07	04	0324			RADIO CHANNEL 292	D	BC		A3E							109	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	3959.000	06	04	0017			KOREAN CENTRAL B.S.		BC		A3E										
J	TOKYO	3959.000	13	04	1036			KOREAN CENTRAL B.S.		BC		A3E										
G	BALDOCK	3965.000	01	05	1721			RFADIO FRANCE INTERNATIONAL	F	BC		D7W							168	A		E1F101
J	TOKYO	3979.500	06	04	0018				KRE				129	E	32	41	N	41	309	A		
J	TOKYO	3981.740	19	04	0804				CHN				126	E	22	43	N	15	309	B		
INS	MSTM-MEDAN	3982.000	18	06	0310	0320	10.0	unknown		FX	2K00E	J3E										KOMRAD
J	TOKYO	3985.010	29	06	0154				KOR	BC		A3E	127	E	03	37	N	10	282	A		
J	TOKYO	3990.010	19	04	0805				CHN	BC		A3E	126	E	55	37	N	08	282	B		
INS	MSTM-MEDAN	4000.000	18	06	0330	0340	10.0	unknown		FX	2K10E	J3E										KOMRAD
D	KONSTANZ	4001.955	03	05	0000	0452				MS	2K70E	G1D	014	E	47	55	N	03	28			
D	KONSTANZ	4001.955	03	05	1555	1556				MS	2K70E	G1D	014	E	47	55	N	03	28			
G	BALDOCK	4005.005	20	04	0353			?	USA	FX		F1B							287	B		STANAG 4481
D	KONSTANZ	4006.995	02	05	0000	0530			USA	FX		F1B							297			
D	KONSTANZ	4006.995	04	05	0000	0510			USA	FX		F1B							297			
D	KONSTANZ	4006.995	04	05	2305	2400			USA	FX		F1B							297			
D	BERLIN	4010.200	02	05	0000	0240			CHN	BC	10K0E	A3E							78			
D	BERLIN	4010.200	02	05	1544	1801			CHN	BC	10K0E	A3E							78			
D	BERLIN	4010.200	03	05	0000	0216			CHN	BC	10K0E	A3E							78			
D	BERLIN	4010.200	04	05	0000	0148			CHN	BC	10K0E	A3E							78			
D	KONSTANZ	4016.540	04	05	2221	2400			F	FX	2K70E	G1D							227			
D	KONSTANZ	4019.985	02	05	1746	1904			RUS	FX		F1B							51			
D	BERLIN	4020.000	02	05	0352	0502			UKR	FX		F1B	024	E	13	49	N	18	113			
D	BERLIN	4020.000	03	05	0356	0502			UKR	FX		F1B	024	E	13	49	N	18	113			
D	BERLIN	4020.000	03	05	1805	2001			UKR	FX		F1B	024	E	13	49	N	18	113			
D	BERLIN	4020.000	04	05	0348	0449			UKR	FX		F1B	024	E	13	49	N	18	113			
D	BERLIN	4020.000	04	05	1749	2005			UKR	FX		F1B	024	E	13	49	N	18	113			
D	BERLIN	4031.010	02	05	0000	0106			CHN	FX	100HE	A1A							87			
D	BERLIN	4031.010	04	05	0000	0101			CHN	FX	100HE	A1A							87			
D	BERLIN	4031.010	04	05	1710	2400			CHN	FX	100HE	A1A							87			
D	BERLIN	4031.010	04	05	2043	2400			CHN	FX	100HE	A1A							87			
D	KONSTANZ	4038.900	04	05	0000	0355			UKR	FX	50H0E	N0N							76			
D	KONSTANZ	4038.900	04	05	2040	2400			UKR	FX	50H0E	N0N							76			
D	KONSTANZ	4051.970	05	05	2017	2116			RUS	FX	2K60E	J7D							51			
D	KONSTANZ	4066.000	05	05	1800	2400			RUS	FX	50H0E	N0N	033	E	09	55	N	17	54			
J	TOKYO	4066.700	13	04	1044							A1A										
D	BERLIN	4071.950	05	05	0000	0349			RUS	FX	50H0E	N0N							55			A OF KALININGRAD
D	BERLIN	4071.950	07	05	0000	0350			RUS	FX	50H0E	N0N							55			A OF KALININGRAD
D	KREFELD	4072.000	05	05	1820	2400			RUS	FX	50H0E	N0N							61			A OF KALININGRAD
D	KREFELD	4072.000	06	05	0000	0452			RUS	FX	50H0E	N0N							61			A OF KALININGRAD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KREFELD	4072.000	07	05	1913	2400			RUS	FX	50H0E	N0N							61			A OF KALININGRAD
D	KREFELD	4078.950	05	05	0000	0523			RUS	FX	2K80	J7D							62			A OF KALININGRAD
G	BALDOCK	4082.400	15	05	0530			?	D	MS		G1D							69	A		
G	BALDOCK	4083.000	06	06	0446			?	D	FX		G1D							69	A		
G	BALDOCK	4105.000	22	06	0452			?	E	MS		J3E							216	B		SPANISH FISHERMEN
D	KONSTANZ	4109.000	08	05	0000	0345			RUS	FX		F1B							57			A OF KALININGRAD
G	BALDOCK	4109.000	06	06	0448			?	RUS	FX		F1B							68	B		
J	TOKYO	4130.800	13	04	1046				CHN				115	E	58	39	N	40	289	A		
D	KONSTANZ	4133.770	08	05	0115	2400			I	FX	2K70E	G1D	007	E	16	45	N	39	228			
D	KONSTANZ	4133.770	09	05	0000	2335			I	FX	2K70E	G1D	007	E	16	45	N	39	228			
D	KONSTANZ	4136.765	08	05	0000	2334			SUI	FX	2K70E	G1D	007	E	25	46	N	05	229			
D	KONSTANZ	4136.765	09	05	0017	2331			SUI	FX	2K70E	G1D	007	E	25	46	N	05	229			
D	KREFELD	4155.825	11	05	0000	0504			GRC	FX	2K70E	G1D							131			A OF ATHENS
D	KREFELD	4155.825	11	05	1645	2400			GRC	FX	2K70E	G1D							131			A OF ATHENS
D	KREFELD	4155.825	12	05	0000	0520			GRC	FX	2K70E	G1D							131			A OF ATHENS
D	BERLIN	4159.520	13	05	1700	2400			UKR	FX	50H0E	N0N	030	E	54	46	N	24	111			
D	BERLIN	4161.365	11	05	0000	0746			NOR	FX	2K70E	G1D							333			A OF STAVANGER
D	BERLIN	4161.365	11	05	1431	2400			NOR	FX	2K70E	G1D							333			A OF STAVANGER
D	BERLIN	4161.365	12	05	0000	2400			NOR	FX	2K70E	G1D							333			A OF STAVANGER
D	BERLIN	4161.365	12	05	0000	0917			NOR	FX	2K70E	G1D							333			A OF STAVANGER
D	BERLIN	4161.365	13	05	0000	0830			NOR	FX	2K70E	G1D							333			A OF STAVANGER
D	BERLIN	4161.365	13	05	1507	2400			NOR	FX	2K70E	G1D							333			A OF STAVANGER
D	KONSTANZ	4165.050	11	05	0000	0922				MS	2K70E	G1D	000	W	33	57	N	14	332			
D	KONSTANZ	4165.050	11	05	1431	2400				MS	2K70E	G1D	000	W	33	57	N	14	332			
D	KONSTANZ	4165.050	12	05	0000	0930				MS	2K70E	G1D	000	W	33	57	N	14	332			
D	KONSTANZ	4165.050	12	05	0000	2400				MS	2K70E	G1D	000	W	33	57	N	14	332			
D	KONSTANZ	4165.050	13	05	0000	0926				MS	2K70E	G1D	000	W	33	57	N	14	332			
D	KONSTANZ	4165.050	13	05	1522	2400				MS	2K70E	G1D	000	W	33	57	N	14	332			
J	TOKYO	4170.000	06	04	0026			XSG		FC		F3C										
D	KONSTANZ	4171.000	11	05	1812	2400				FX	50H0E	N0N	023	E	47	52	N	13	57			
D	KONSTANZ	4171.000	12	05	0000	0246				FX	50H0E	N0N	023	E	47	52	N	13	57			
D	KONSTANZ	4174.000	11	05	1019	1500			F	FX		F1B	000	E	58	49	N	51	281			
D	KONSTANZ	4183.050	12	05	1740	2400			RUS	FX	1K00	A1A							52			A OF MOSKVA
D	KONSTANZ	4183.050	13	05	0000	0301			RUS	FX	1K00	A1A							52			A OF MOSKVA
D	KONSTANZ	4183.050	13	05	1804	2400			RUS	FX	1K00	A1A							52			A OF MOSKVA
D	KONSTANZ	4183.056	11	05	1806	2400			RUS	FX		A1A							52			A OF MOSKVA
D	BERLIN	4196.000	11	05	1723	2136			ROU	FX	250HE	F1B							119			
D	BERLIN	4196.000	13	05	1830	2311			ROU	FX	250HE	F1B							119			
D	BERLIN	4202.500	14	05	0000	0444			USA	FX		F1B							301			

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	4205.000	03	05	1255			?	HOL	FC		G1D							100	A		2400 BD STANAG 4285
D	KONSTANZ	4205.000	14	05	0000	2400			HOL	FX	2K70E	G1D	004	E	49	51	N	45	326			
D	KONSTANZ	4205.000	15	05	0000	2400			HOL	FX	2K70E	G1D	004	E	49	51	N	45	326			
D	KONSTANZ	4205.000	16	05	0000	2400			HOL	FX	2K70E	G1D	004	E	49	51	N	45	326			
J	TOKYO	4209.500	13	04	1053					FC		F1B										
D	KONSTANZ	4209.500	14	05	0142	0309			ROU	FX		F1B							110			
D	KONSTANZ	4209.500	14	05	1753	2307			ROU	FX		F1B							110			
D	KONSTANZ	4209.500	15	05	1757	1853			ROU	FX		F1B							110			
D	KONSTANZ	4209.500	16	05	2200	2308			ROU	FX		F1B							110			
J	TOKYO	4215.000	13	04	1054			XSG		FC		F1B										
D	KONSTANZ	4216.000	14	05	0000	0031			BUL	FX		F7B	025	E	55	43	N	01	106			
D	KONSTANZ	4216.000	15	05	0000	0549			BUL	FX		F7B	025	E	55	43	N	01	106			
D	KONSTANZ	4216.000	16	05	0000	0203			BUL	FX		F7B	025	E	55	43	N	01	106			
D	KONSTANZ	4216.000	16	05	1532	2400			BUL	FX		F7B	025	E	55	43	N	01	106			
D	KONSTANZ	4227.400	14	05	0000	2400			I	FX	2K70E	G1D	011	E	49	42	N	42	167			
D	KONSTANZ	4227.400	15	05	0000	2400			I	FX	2K70E	G1D	011	E	49	42	N	42	167			
G	BALDOCK	4227.400	06	06	0530			?	F	FX		G1D							132	A		
G	BALDOCK	4230.000	03	05	1256			?	D	FX		G1D							107	C		
D	KONSTANZ	4230.000	14	05	0000	2400			HOL	FX	2K70E	G1D	004	E	10	51	N	51	324			
D	KONSTANZ	4230.000	15	05	0000	2400			HOL	FX	2K70E	G1D	004	E	10	51	N	51	324			
D	KONSTANZ	4230.000	16	05	0000	2400			HOL	FX	2K70E	G1D	004	E	10	51	N	51	324			
G	BALDOCK	4230.000	22	06	0457			?	HOL	FX		G1D							93	A		
D	KONSTANZ	4233.800	14	05	0000	0511				MS	2K70E	G1D	059	W	06	17	N	12	236			
D	KONSTANZ	4233.800	15	05	0000	0459				MS	2K70E	G1D	059	W	06	17	N	12	236			
D	KONSTANZ	4233.800	16	05	0000	0511				MS	2K70E	G1D	059	W	06	17	N	12	236			
G	BALDOCK	4233.800	06	06	0545			FUF	F	FX		G1D							254	B		2400 BD STANAG 4285
D	BERLIN	4248.220	14	05	0005	0548			GRC	FX		G1B							146			
D	KONSTANZ	4260.025	17	05	0000	0446				MS	2K70E	G1D							231			
G	BALDOCK	4260.200	15	05	0616			?		MS		G1D							242	A		ATLANTIC OCEAN
D	KONSTANZ	4260.950	17	05	1609	2400			E	FX	2K70E	G1D							232			A OF MADRID
D	KONSTANZ	4260.950	18	05	0000	0810			E	FX	2K70E	G1D							232			A OF MADRID
D	KONSTANZ	4260.950	18	05	1717	2400			E	FX	2K70E	G1D							232			A OF MADRID
D	KONSTANZ	4260.950	19	05	0000	0544			E	FX	2K70E	G1D							232			A OF MADRID
D	KONSTANZ	4260.950	19	05	1803	2400			E	FX	2K70E	G1D							232			A OF MADRID
D	KONSTANZ	4265.040	17	05	0000	2400			G	FX	2K70E	G1D							322			
D	KONSTANZ	4265.040	18	05	0000	2400			G	FX	2K70E	G1D							322			
D	KONSTANZ	4265.040	19	05	0000	2400			G	FX	2K70E	G1D							322			
G	BALDOCK	4279.000	22	06	0506			?	E	FC		G1D							191	A		2400 BD STANAG 4285
G	BALDOCK	4280.000	01	05	1642			?	HOL	FX		F1B							97	C		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	4280.000	17	05	0000	2400				MS		F1B	003	E	08	51	N	38	331			
D	KONSTANZ	4280.000	18	05	0000	2400				MS		F1B	003	E	08	51	N	38	331			
D	KONSTANZ	4280.000	19	05	0000	2400				MS		F1B	003	E	08	51	N	38	331			
G	BALDOCK	4280.000	22	06	0504			PBB	HOL	FC		F1B	003	E	54	51	N	49	95	A		75 BD ITA2
D	KONSTANZ	4281.479	17	05	0000	2400			I	FX	2K70E	G1D	011	E	05	42	N	15	160			
D	KONSTANZ	4281.479	18	05	0000	2400			I	FX	2K70E	G1D	011	E	05	42	N	15	160			
D	KONSTANZ	4281.479	19	05	0000	2400			I	FX	2K70E	G1D	011	E	05	42	N	15	160			
G	BALDOCK	4281.500	06	06	0610			?	I	FX		G1D							134	B		SECURE
D	KONSTANZ	4284.000	19	05	1757	2400			RUS	FX	290H	F1B							50			
D	KONSTANZ	4286.000	19	05	1954	2333			RUS	FX	50H0E	N0N							53			A OF MOSKVA
J	TOKYO	4289.000	13	04	1059				USA			F1B	144	E	50	13	N	30	168	B		GUM
J	TOKYO	4289.000	19	04	0814				USA			F1B	144	E	39	13	N	20	169	B		GUM
D	KONSTANZ	4290.400	17	05	0000	2400			F	FX	2K70E	G1D	001	E	42	42	N	46	230			
D	KONSTANZ	4290.400	18	05	0000	2400			F	FX	2K70E	G1D	001	E	42	42	N	46	230			
D	KONSTANZ	4290.400	19	05	0000	2400			F	FX	2K70E	G1D	001	E	42	42	N	46	230			
G	BALDOCK	4296.800	03	05	1258			?	F	FC		G1D							216	B		
D	KREFELD	4296.835	17	05	0027	2400			F	FX	2K70E	G1D	003	W	38	48	N	26	250			
D	KREFELD	4296.835	18	05	0000	2400			F	FX	2K70E	G1D	003	W	38	48	N	26	250			
D	KREFELD	4296.835	19	05	0000	2400			F	FX	2K70E	G1D	003	W	38	48	N	26	250			
J	TOKYO	4298.000	13	04	1105							F3C							38	A		
D	KONSTANZ	4300.975	17	05	0000	1130				MS	2K70E	G1D	000	W	03	57	N	02	333			
D	KONSTANZ	4300.975	17	05	1630	2400				MS	2K70E	G1D	000	W	03	57	N	02	333			
D	KONSTANZ	4300.975	18	05	0000	0958				MS	2K70E	G1D	000	W	03	57	N	02	333			
D	KONSTANZ	4300.975	18	05	1600	2400				MS	2K70E	G1D	000	W	03	57	N	02	333			
D	KONSTANZ	4300.975	19	05	0000	0808				MS	2K70E	G1D	000	W	03	57	N	02	333			
D	KONSTANZ	4300.975	19	05	1453	2400				MS	2K70E	G1D	000	W	03	57	N	02	333			
D	BERLIN	4301.000	20	05	1600	2400				MS	2K62	G1D	000	W	33	57	N	09	306			
D	BERLIN	4301.000	21	05	0000	0750				MS	2K62	G1D	000	W	33	57	N	09	306			
D	BERLIN	4301.000	21	05	1622	2400				MS	2K62	G1D	000	W	33	57	N	09	306			
D	BERLIN	4301.000	22	05	1648	2400				MS	2K62	G1D	000	W	33	57	N	09	306			
D	BERLIN	4301.680	20	05	0000	2400				FX	2K70E	G1D	020	E	21	42	N	46	151			
D	BERLIN	4301.680	21	05	0000	0536				FX	2K70E	G1D	020	E	21	42	N	46	151			
D	BERLIN	4301.680	21	05	1628	2400				FX	2K70E	G1D	020	E	21	42	N	46	151			
D	BERLIN	4301.680	22	05	0000	0903				FX	2K70E	G1D	020	E	21	42	N	46	151			
D	BERLIN	4301.680	22	05	1556	2400				FX	2K70E	G1D	020	E	21	42	N	46	151			
G	BALDOCK	4304.200	22	06	0517			?	POR	FC		G1D							205	A		2400 BD STANAG 4285
G	BALDOCK	4307.800	22	06	0519			?	POR	FX		G1D							207	A		2400BD STANAG 4285
D	KONSTANZ	4307.986	20	05	1834	1855			RUS	FX		F1B	063	E	34	57	N	36	51			
D	BERLIN	4312.060	20	05	0000	2400			BEL	FX	2K70E	G1D	003	E	49	51	N	05	259			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	BERLIN	4312.060	21	05	0000	2400			BEL	FX	2K70E	G1D	003	E	49	51	N	05	259			
D	BERLIN	4312.060	22	05	0000	2400			BEL	FX	2K70E	G1D	003	E	49	51	N	05	259			
D	KONSTANZ	4315.980	20	05	0609	0901				MS	2K70E	G1D	003	W	22	49	N	52	279			
D	KONSTANZ	4315.980	21	05	1648	2400				MS	2K70E	G1D	003	W	22	49	N	52	279			
D	KONSTANZ	4315.980	22	05	0242	0406				MS	2K70E	G1D	003	W	22	49	N	52	279			
D	KONSTANZ	4316.760	20	05	0000	0403			BUL	FX	2K70E	G1D	023	E	04	42	N	19	109			
D	KONSTANZ	4316.760	20	05	1719	2400			BUL	FX	2K70E	G1D	023	E	04	42	N	19	109			
D	KONSTANZ	4316.760	21	05	0000	0443			BUL	FX	2K70E	G1D	023	E	04	42	N	19	109			
D	KONSTANZ	4316.760	22	05	0000	0242			BUL	FX	2K70E	G1D	023	E	04	42	N	19	109			
INS	MSTM-MEDAN	4320.000	16	06	0210	0220	28.0	Unknown		FX	2K50E	J3E										KOMRAD
J	TOKYO	4324.990	06	04	0030			HOU31				A1A										
G	BALDOCK	4326.800	07	06	0517			?	F	FC		G1D							169	A		
D	KONSTANZ	4326.835	20	05	0000	2400			F	FX	2K70E	G1D							231			
D	KONSTANZ	4326.835	21	05	0000	2400			F	FX	2K70E	G1D							231			
D	KONSTANZ	4326.835	22	05	0000	2400			F	FX	2K70E	G1D							231			
D	KONSTANZ	4331.000	20	05	0000	0521				FX	100HE	A1A	031	E	43	34	N	30	119			
D	KONSTANZ	4331.000	20	05	1719	2400				FX	100HE	A1A	031	E	43	34	N	30	119			
D	KONSTANZ	4331.000	21	05	0000	0508				FX	100HE	A1A	031	E	43	34	N	30	119			
D	KONSTANZ	4331.000	21	05	1630	2400				FX	100HE	A1A	031	E	43	34	N	30	119			
D	KONSTANZ	4331.000	22	05	0000	0400				FX	100HE	A1A	031	E	43	34	N	30	119			
D	KONSTANZ	4339.795	20	05	0000	0557			F	FX	2K70E	G1D	002	E	43	43	N	21	229			
D	KONSTANZ	4339.795	20	05	1802	2400			F	FX	2K70E	G1D	002	E	43	43	N	21	229			
D	KONSTANZ	4339.795	21	05	0000	0455			F	FX	2K70E	G1D	002	E	43	43	N	21	229			
D	KONSTANZ	4339.795	21	05	1758	2400			F	FX	2K70E	G1D	002	E	43	43	N	21	229			
D	KONSTANZ	4339.795	22	05	1758	2400			F	FX	2K70E	G1D	002	E	43	43	N	21	229			
G	BALDOCK	4339.800	07	06	2034			?	F	FC		G1D							170	A		
G	BALDOCK	4339.800	22	06	0543			?	F	FC		G1D							168	A		2400BD STANAG 4285
J	TOKYO	4345.990	19	04	0818							F3C							53	C		
D	BERLIN	4347.505	20	05	0000	0449				MS	2K70E	G1D	022	W	09	56	N	54	297			
D	BERLIN	4347.505	21	05	0000	0449				MS	2K70E	G1D	022	W	09	56	N	54	297			
D	KONSTANZ	4356.990	23	05	0000	0225			RUS	FX	50H0E	N0N	046	E	15	56	N	32	54			
D	KONSTANZ	4356.990	23	05	1900	2400			RUS	FX	50H0E	N0N	046	E	15	56	N	32	54			
D	KONSTANZ	4356.990	24	05	0000	0221			RUS	FX	50H0E	N0N	046	E	15	56	N	32	54			
D	KONSTANZ	4356.990	24	05	1900	2400			RUS	FX	50H0E	N0N	046	E	15	56	N	32	54			
D	KONSTANZ	4356.990	25	05	0000	0244			RUS	FX	50H0E	N0N	046	E	15	56	N	32	54			
D	KONSTANZ	4356.990	25	05	1906	2400			RUS	FX	50H0E	N0N	046	E	15	56	N	32	54			
INS	MSTM-MEDAN	4363.000	16	06	0250	0300	28.0	Unknown		FX	2K50E	J3E										KOMRAD
D	BERLIN	4398.840	26	05	1800	2400			UKR	FX	2K60E	J7D	031	E	07	46	N	39	112			
D	BERLIN	4398.840	27	05	0000	0429			UKR	FX	2K60E	J7D	031	E	07	46	N	39	112			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	BERLIN	4398.850	25	05	1719	2400				FX	2K70E	G1D	028	E	24	47	N	10	116			
D	BERLIN	4398.850	26	05	0000	0329				FX	2K70E	G1D	026	E	25	42	N	29	120			
D	BERLIN	4398.990	23	05	0000	0411				FX	2K60E	J7D	028	E	18	47	N	03	115			
D	KONSTANZ	4400.500	27	05	1740	2200			RUS	FX	50H0E	N0N	067	E	31	59	N	38	47			
D	KONSTANZ	4404.000	28	05	1553	1835			RUS	FX	2K60E	J7D	029	E	56	57	N	10	45			
D	KONSTANZ	4406.660	27	05	1748	1845				FX	3K00E	J3E	024	E	40	43	N	33	106			
D	KONSTANZ	4406.660	28	05	1748	1840				FX	3K00E	J3E	024	E	40	43	N	33	106			
D	KONSTANZ	4413.004	27	05	0305	0547			UKR	FX	2K60E	J7D							52			
D	BERLIN	4421.400	26	05	0508	2000			G	FX	2K70E	G1D	001	W	53	53	N	37	282			
D	BERLIN	4421.400	27	05	0556	2015			G	FX	2K70E	G1D	001	W	53	53	N	37	282			
D	BERLIN	4421.400	28	05	0703	2129			G	FX	2K70E	G1D	001	W	53	53	N	37	282			
G	BALDOCK	4426.000	07	06	0452			NMA	USA	FC		J3E							280	A		NMN REMOTE BRADCAST
INS	MSTM-MEDAN	4432.000	16	06	0400	0410	10.0	Unknown		FX	2K00E	J3E										KOMRAD
J	TOKYO	4449.990	19	04	0824				KRE				126	E	19	40	N	05	296	B		
J	TOKYO	4450.000	13	04	1107					BC		A3E										
KOR	CRMS	4450.000	24	04	1509	1509	57.6		KRE	BC		A3E							39		11	
KOR	CRMS	4450.000	24	06	0020	0020	42.0		KRE	BC		A3E									11	
J	TOKYO	4450.000	29	06	0202				KOR	BC		A3E	127	E	04	37	N	28	284	A		
D	KREFELD	4450.010	27	05	1708	2027				FX	50H0E	N0N	025	E	48	53	N	51	69			
D	KREFELD	4450.010	28	05	1744	2058				FX	50H0E	N0N	025	E	48	53	N	51	69			
INS	MSTM-MEDAN	4455.000	15	06	0100	0110	34.0	Unknown		FX	2K60E	J3E										KOMRAD
D	KONSTANZ	4462.900	26	05	0000	0450			F	FX		P0N	001	W	01	45	N	38	244			
D	KONSTANZ	4462.900	28	05	0000	0500			F	FX		P0N	001	W	01	45	N	38	244			
G	BALDOCK	4465.000	13	06	1400			?	D	FX		G1D							66	A		STANAG 4285
INS	MSTM-MEDAN	4474.000	15	06	0120	0130	34.0	Unknown		FX	2K70E	J3E										KOMRAD
G	BALDOCK	4521.000	24	06	2040					FX		F1B							70	A		
G	BALDOCK	4523.500	02	06	0017			?	UKR	FX		F1B							93	A		
J	TOKYO	4529.000	19	04	0759				RUS				131	E	51	43	N	01	321	B		
INS	MSTM-MEDAN	4539.000	15	06	0220	0230	44.0	Unknown		FX	525HE	A1A										MORSE
INS	MSTM-MEDAN	4540.000	15	06	0230	0240	22.0	Unknown		FX	2K50E	J3E										KOMRAD
G	BALDOCK	4548.000	02	06	0023			?	RUS	FX		F1B							58			SECURE
G	BALDOCK	4550.020	02	06	0024			?		FX		F1B							108	C		50BD 850 SHIFT SECURE
J	TOKYO	4557.010	13	04	1000			PYONGYANG B.S.		BC		A3E	125	E	30	38	N	41	289	A	11	
J	TOKYO	4557.010	19	04	0801			PYONGYANG B.S.		BC		A3E										
J	TOKYO	4581.200	19	04	0812				KRE				125	E	35	38	N	28	288	B		
G	BALDOCK	4583.000	02	06	0028			DDK2 (HAMBURG)	D	FC		F1B							70	A		50 BD ITA2 METEO
G	BALDOCK	4591.800	02	06	0030			?	POR	FX		G1D							208	A		2400BD STANAG 4285
G	BALDOCK	4625.000	23	06	1955			?	RUS	FX		J7D							70	B		
G	BALDOCK	4644.800	07	04	2313			?	F	FX		G1D							170	A		2400BD 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
INS	MSTM-MEDAN	4653.000	14	06	0100	0110	28.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	4718.000	13	04	1004			TP4C				A1A	123	E	37	42	N	07	301	B		
KOR	CRMS	4750.000	12	04	1936	1936	8.4		CHN	BC		A3E							15		11	
J	TOKYO	4750.000	13	04	1007			CHINA N.R.		BC		A3E	119	E	29	48	N	57	317	B	11	
J	TOKYO	4750.000	19	04	0818				CHN	BC		A3E	125	E	19	46	N	21	318	B		
KOR	CRMS	4750.000	12	05	1507	1507	2.3		CHN	BC		A3E									11	
KOR	CRMS	4750.000	11	06	1205	1205	8.4		CHN	BC		A3E									11	
G	BALDOCK	4763.000	24	06	2105			?	RUS	FC		J7D							69	B		MODEM
G	BALDOCK	4765.000	26	06	0250			RADIO PROGRESO	CUB	BC		A3E	082	W	18	22	N	51	277	B		BEJUCAL TX
G	BALDOCK	4770.000	02	06	0111			?	RUS	FX		J7D							72	A		UNID PULSING MODEM
G	BALDOCK	4775.000	02	06	0112			R TARMA	PRU	BC		A3E	075	W	41	11	S	28	253	B		TARMA TX
D	ITZEHOE	4783.950	21	06	0000	2400			G		2K70E	G1D							261			N OF MANCHESTER
D	ITZEHOE	4783.950	22	06	0000	2400			G		2K70E	G1D							261			N OF MANCHESTER
D	ITZEHOE	4783.950	23	06	0000	2400			G		2K70E	G1D							261			N OF MANCHESTER
D	ITZEHOE	4783.950	24	06	0000	2400			G		2K70E	G1D							261			N OF MANCHESTER
D	ITZEHOE	4783.950	25	06	0000	2400			G		2K70E	G1D							261			N OF MANCHESTER
D	ITZEHOE	4783.950	26	06	0000	2400			G		2K70E	G1D							261			N OF MANCHESTER
INS	MSTM-MEDAN	4787.000	14	06	0310	0320	0.0	Unknown		FX	2K50E	J3E										KOMRAD
D	ITZEHOE	4789.985	21	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4789.985	22	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4789.985	23	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4789.985	24	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4789.985	25	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4789.985	26	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
G	BALDOCK	4790.000	02	06	0112			?		FX		XXX							240	A		DATA-MODEM
J	TOKYO	4795.990	22	06	0417			6TX				A1A	125	E	40	39	N	44	294	B		
J	TOKYO	4798.000	19	04	0825				RUS			F1B	131	E	48	43	N	07	321	B		
J	TOKYO	4798.000	29	06	0142				RUS			F1B	131	E	54	43	N	31	323	B		
D	ITZEHOE	4799.006	21	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4799.006	22	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4799.006	23	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4799.006	24	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4799.006	25	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
D	ITZEHOE	4799.006	26	06	0000	2400			G		2K70E	G1D							263			A OF LEEDS
KOR	CRMS	4800.000	14	04	1520	1520	10.0		CHN	BC		A3E							56		11	
KOR	CRMS	4800.000	12	05	1507	1507	6.4		CHN	BC		A3E									11	
D	KONSTANZ	4800.000	02	06	1607	2400			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4800.000	03	06	0000	0653			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4800.000	03	06	1655	2400			CHN	BC	10K0E	A3E							70			

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	4800.000	11	06	2103	2103	1.3		CHN	BC		A3E									11	
G	BALDOCK	4811.800	26	06	0251		?			MS		G1D							255	B		
D	BERLIN	4811.850	01	06	0000	0534				MS	2K70E	G1D	007	W	58	50	N	32	260			
D	BERLIN	4811.850	01	06	2158	2400				MS	2K70E	G1D	007	W	58	50	N	32	260			
D	BERLIN	4811.850	02	06	0000	0620				MS	2K70E	G1D	007	W	58	50	N	32	260			
D	BERLIN	4811.850	03	06	0000	0618				MS	2K70E	G1D	007	W	58	50	N	32	260			
D	BERLIN	4811.850	03	06	1535	2400				MS	2K70E	G1D	007	W	58	50	N	32	260			
D	ITZEHOE	4811.899	21	06	0000	2400					2K70	G1D							263			
D	ITZEHOE	4811.899	22	06	0000	2400					2K70	G1D							263			
D	ITZEHOE	4811.899	23	06	0000	2400					2K70	G1D							263			
D	ITZEHOE	4811.899	24	06	0000	2400					2K70	G1D							263			
D	ITZEHOE	4811.899	25	06	0000	2400					2K70	G1D							263			
D	ITZEHOE	4811.899	26	06	0000	2400					2K70	G1D							263			
INS	MSTM-MEDAN	4818.000	14	06	0350	0400	34.0	Unknown		FX	2K60E	J3E										KOMRAD
KOR	CRMS	4820.000	26	05	1524	1524	23.7		CHN	BC		A3E									11	
D	KONSTANZ	4820.000	01	06	1605	1801			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4820.000	01	06	2055	2400			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4820.000	02	06	1604	1759			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4820.000	02	06	1605	2400			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4820.000	03	06	1536	1800			CHN	BC	10K0E	A3E							70			
D	KONSTANZ	4820.000	03	06	1955	2400			CHN	BC	10K0E	A3E							70			
KOR	CRMS	4820.000	11	06	2103	2103	6.0		CHN	BC		A3E									11	
G	BALDOCK	4820.000	24	06	2108			PBS XIZANG	CHN	BC		A3E							67	A		Lhasa-Baiding Tx site
D	KONSTANZ	4835.000	01	06	1628	1902			RUS	FX		AXX	041	E	44	57	N	44	50			
D	KONSTANZ	4835.000	02	06	1606	1905			RUS	FX		AXX	041	E	44	57	N	44	50			
D	KONSTANZ	4835.000	03	06	1541	1858			RUS	FX		AXX	041	E	44	57	N	44	50			
D	ITZEHOE	4839.986	21	06	0000	0730				BC	9K50	A3E							290			
D	ITZEHOE	4839.986	22	06	0000	0755				BC	9K50	A3E							290			
D	ITZEHOE	4839.986	23	06	0000	0730				BC	9K50	A3E							290			
D	ITZEHOE	4839.986	24	06	0000	0755				BC	9K50	A3E							290			
D	ITZEHOE	4839.986	25	06	0000	0809				BC	9K50	A3E							290			
D	ITZEHOE	4839.986	26	06	0000	0756				BC	9K50	A3E							290			
D	KONSTANZ	4840.000	01	06	0000	0032			USA	FX	50H0E	N0N							306			
D	KONSTANZ	4840.000	01	06	0033	0717			USA	BC	10K0E	A3E							311			
D	KONSTANZ	4840.000	03	06	0000	0052			USA	FX	50H0E	N0N							306			
D	KONSTANZ	4840.000	03	06	0055	0717			USA	BC	10K0E	A3E							311			
G	BALDOCK	4840.000	03	06	0419			WWCR NASHVILLE	USA	BC		A3E							287	B		NASHVILLE TX
D	KONSTANZ	4840.814	01	06	1920	2400			MRC	FX	50H0E	N0N	005	W	12	32	N	06	226			
D	KONSTANZ	4840.814	03	06	1918	2400			MRC	FX	50H0E	N0N	005	W	12	32	N	06	226			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	4843.995	01	06	0000	0458			RUS	FX	302H	F1B							26			
D	KONSTANZ	4843.995	01	06	1615	2400			RUS	FX	302H	F1B							26			
D	KONSTANZ	4843.995	02	06	0000	0535			RUS	FX	302H	F1B							26			
D	KONSTANZ	4843.995	02	06	1625	2400			RUS	FX	302H	F1B							26			
D	KONSTANZ	4843.995	03	06	0000	0658			RUS	FX	302H	F1B							26			
D	KONSTANZ	4843.995	03	06	1711	2400			RUS	FX	302H	F1B							26			
J	TOKYO	4852.920	22	06	0424			GSZ				F1A										
J	TOKYO	4885.000	05	04	2359				KOR	BC		A3E	126	E	43	37	N	10	282	B		
J	TOKYO	4885.000	22	06	0428			ECHO OF HOPE		BC		A3E	127	E	15	37	N	51	286	A	11	
J	TOKYO	4890.000	13	04	1013				KOR	BC		A3E	126	E	50	37	N	17	283	B		
J	TOKYO	4897.000	06	04	0005				RUS			F1B	132	E	52	42	N	52	323	B		
J	TOKYO	4897.000	19	04	0833				RUS			F1B	131	E	52	43	N	09	322	B		
J	TOKYO	4897.000	22	06	0430				RUS			F1B	132	E	16	43	N	19	323	B		
KOR	CRMS	4900.000	03	04	1512	1512	36.5		CHN	BC		A3E							46		11	
J	TOKYO	4900.000	13	04	1016			CHINA N.R.		BC		A3E	119	E	05	26	N	29	249	B	11	
KOR	CRMS	4900.000	01	05	1513	1513	34.1		CHN	BC		A3E									11	
KOR	CRMS	4905.000	26	05	1525	1525	29.7		CHN	BC		A3E									11	
KOR	CRMS	4905.000	11	06	2104	2104	0.9		CHN	BC		A3E									11	
D	ITZEHOE	4912.997	31	05	0600	2400					100HE	A1A							74			
D	ITZEHOE	4912.997	01	06	0000	1930					100HE	A1A							74			
KOR	CRMS	4920.000	03	04	1512	1512	36.8		CHN	BC		A3E							53		11	
KOR	CRMS	4920.000	02	06	1506	1506	31.8		CHN	BC		A3E									11	
G	BALDOCK	4930.000	23	06	1943			VOICE OF AMERICA	BOT	BC		A3E							154	A		SELEBI-PHIKWE TX SITE
J	TOKYO	4940.000	13	04	1018			CHINA N.R.		BC		A3E	118	E	23	25	N	56	249	B	11	
KOR	CRMS	4940.000	14	04	1521	1521	20.7		CHN	BC		A3E							46		11	
KOR	CRMS	4940.000	12	05	1508	1508	-0.2		CHN	BC		A3E									11	
G	BALDOCK	4960.000	03	06	0408			VOA	STP	BC		A3E							167	B		PINHEIRA TX SITE
INS	MSTM-MEDAN	4960.000	11	06	0300	0310	16.0	Unknown		FX	2K15E	J3E										Komrad
D	ITZEHOE	4960.014	28	06	0407	2106			F	BC	10K0	A3E							181			A OF GAP
D	ITZEHOE	4960.014	29	06	0344	2113			F	BC	10K0	A3E							181			A OF GAP
D	ITZEHOE	4960.014	30	06	0349	2100			F	BC	10K0	A3E							181			A OF GAP
J	TOKYO	4985.000	13	04	1020				USA			F1B	118	W	36	41	N	12	50	B		
D	ITZEHOE	4995.996	31	05	0000	2400					100HE	A1A							124			
D	ITZEHOE	4995.996	01	06	0000	2400					100HE	A1A							124			
D	ITZEHOE	4995.996	02	06	0000	2400					100HE	A1A							124			
D	ITZEHOE	4995.996	03	06	0000	2400					100HE	A1A							124			
INS	MSTM-MEDAN	4997.000	11	06	0730	0740	16.0	Unknown		FX	2K10E	J3E										Komrad
J	TOKYO	5000.000	06	04	0017				KOR	SS		AXW	127	E	03	35	N	39		A		
J	TOKYO	5000.000	13	04	1025			WWVH		SS		AXW							90	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	5000.000	13	04	1025			WWV		SS		AXW										
J	TOKYO	5000.000	13	04	1025			HLA		SS		AXW	127	E	42	36	N	01	276	B		
J	TOKYO	5000.000	13	04	1025			BPM		SS		AXW										
J	TOKYO	5000.000	19	04	0843			WWVH		SS		AXW										
J	TOKYO	5000.000	22	06	0433			HLA		SS		AXW	127	E	52	36	N	17	277	A		
G	BALDOCK	5000.000	23	06	0524			WWV (FORT COLLINS COLORADO)	USA	SS		H3E							308	B		UTC TIME SIGNAL
J	TOKYO	5000.000	29	06	0145				KOR	SS		AXW	127	E	03	36	N	46	280	A		
D	ITZEHOE	5005.990	01	06	0542	2400			LTU		460H	A7D							72			NW OF KAUNAS
D	ITZEHOE	5005.990	02	06	0000	2400			LTU		460H	A7D							72			NW OF KAUNAS
D	ITZEHOE	5005.990	03	06	0000	2400			LTU		460H	A7D							72			NW OF KAUNAS
D	ITZEHOE	5005.996	28	06	0000	0919			RUS		210H	F1B							75			A OF TILSIT
D	ITZEHOE	5005.996	29	06	0614	2400			RUS		210H	F1B							75			A OF TILSIT
D	ITZEHOE	5005.996	30	06	0000	2400			RUS		210H	F1B							75			A OF TILSIT
G	BALDOCK	5006.000	08	05	0606			?	RUS	FC		F1B							70	B		50BD SECURE KALININGRAD
G	BALDOCK	5006.000	19	06	0352			?	RUS	FC		F1B							69	A		50BD
G	BALDOCK	5010.000	19	06	0357			RADIO CRISTAL INTERNATIONAL	DOM	BC		A3E							272	B		SANTO DOMINGO TX
G	BALDOCK	5015.000	08	05	0611			DUTCH PIRATE	HOL	BC		A3E							90	A		MUSIC PLAYBACK
J	TOKYO	5020.000	13	04	1033					BC		A3E							160	C		
G	BALDOCK	5025.000	06	04	0620			RADIO REBELDE	CUB	BC		A3E							278			
J	TOKYO	5025.000	13	04	1035					BC		A3E							45	C		
G	BALDOCK	5025.000	08	05	0614			RADIO REBELDE	CUB	BC		A3E							280	B		BAUTA TX
G	BALDOCK	5025.000	19	06	0404			RADIO REBELDE	CUB	BC		A3E							280	B		BAUTA TX
D	ITZEHOE	5025.018	28	06	0000	0723				BC	2K65	A3E							280			PAC. OCEAN /E OF NZL
D	ITZEHOE	5025.018	29	06	0121	0716				BC	2K65	A3E							280			PAC. OCEAN /E OF NZL
D	ITZEHOE	5025.018	30	06	0000	2400				BC	2K65	A3E							280			PAC. OCEAN /E OF NZL
D	ITZEHOE	5039.986	28	06	0000	0558		R. HABANA CUBA	CUB	BC	1K60	A3E							285			CORRALILLO
D	ITZEHOE	5039.986	29	06	0121	0642		R. HABANA CUBA	CUB	BC	1K60	A3E							285			CORRALILLO
KOR	CRMS	5040.000	28	04	1512	1512	14.9		IND	BC		A3E							44		11	
G	BALDOCK	5040.000	08	05	0616			RADIO HABANA	CUB	BC		A3E							280	B		BAUTA TX
G	BALDOCK	5040.000	19	06	0425			RADIO HABANA CUBA	CUB	BC		A3E							277	B		BAUTA TX
D	ITZEHOE	5040.000	30	06	0000	2400		R. HABANA CUBA	CUB	BC	1K60	A3E							285			CORRALILLO
J	TOKYO	5050.000	13	04	1038					BC		A3E							255	C		
KOR	CRMS	5050.000	01	05	1514	1514	23.6		CHN	BC		A3E									11	
KOR	CRMS	5050.000	02	06	1506	1506	27.2		CHN	BC		A3E									11	
INS	MSTM-MEDAN	5060.000	10	06	0120	0130	14.0	Unknown		FX	1K90E	J3E										Komrad
INS	MSTM-MEDAN	5065.000	10	06	0130	0140	18.0	Unknown		FX	3K10E	J3E										Komrad
INS	MSTM-MEDAN	5065.000	10	06	0530	0540	18.0	Unknown		FX	3K10E	J3E										Komrad
D	ITZEHOE	5078.975	07	06	0000	2400			S		2K55	G1D							15			A OF OESTERSUND

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	ITZEHOE	5078.975	08	06	0000	2400			S		2K55	G1D							15			A OF OESTERSUND
D	ITZEHOE	5078.975	09	06	0000	2400			S		2K55	G1D							15			A OF OESTERSUND
D	ITZEHOE	5078.975	10	06	0000	2400			S		2K55	G1D							15			A OF OESTERSUND
D	ITZEHOE	5078.975	11	06	0000	2400			S		2K55	G1D							15			A OF OESTERSUND
G	BALDOCK	5085.000	08	05	0618			WTWW	USA	BC		A3E							293	A		LEBANON TENNESSEE TX
G	BALDOCK	5085.000	19	06	0431			WTWW	USA	BC		A3E							290	B		LEBANON TN TX
G	BALDOCK	5088.500	05	06	1848			?	F	FX		F1B							131	B		100BD SECURE
D	ITZEHOE	5089.000	07	06	0000	2400			SUI		1K28	F1B							187			A OF ZUERICH
D	ITZEHOE	5089.000	08	06	0000	2400			SUI		1K28	F1B							187			A OF ZUERICH
D	ITZEHOE	5089.000	09	06	0000	2400			SUI		1K28	F1B							187			A OF ZUERICH
D	ITZEHOE	5089.000	10	06	0000	2400			SUI		1K28	F1B							187			A OF ZUERICH
D	ITZEHOE	5089.000	11	06	0000	2400			SUI		1K28	F1B							187			A OF ZUERICH
G	BALDOCK	5089.500	05	06	1852			?	F	FX		F1B							130	B		100BD SECURE
G	BALDOCK	5094.000	05	06	1855			V		FX		A1A							109	B		
G	BALDOCK	5099.000	05	06	1859			?	NOR	FC		J7D							17	B		
J	TOKYO	5099.560	13	04	1041				CHN			A1A	123	E	54	41	N	54	301	B		
INS	MSTM-MEDAN	5100.000	10	06	0210	0220	15.0	Unknown		FX	625HE	F1B										TELEPRINTER
INS	MSTM-MEDAN	5100.000	10	06	0610	0620	10.0	Unknown		FX	3K10E	J3E										Komrad
INS	MSTM-MEDAN	5105.000	10	06	0220	0230	10.0	Unknown		FX	3K10E	J3E										Komrad
G	BALDOCK	5106.000	08	05	0653			?	RUS	MS		J7D							68	A		BALTIC SEA
D	ITZEHOE	5129.900	07	06	0000	2400			RUS		50H0E	N0N							47			N OF ST. PETERSBURG
D	ITZEHOE	5129.900	08	06	0000	2400			RUS		50H0E	N0N							47			N OF ST. PETERSBURG
D	ITZEHOE	5129.900	09	06	0000	2400			RUS		50H0E	N0N							47			N OF ST. PETERSBURG
D	ITZEHOE	5129.900	10	06	0000	2400			RUS		50H0E	N0N							47			N OF ST. PETERSBURG
D	ITZEHOE	5129.900	11	06	0000	2400			RUS		50H0E	N0N							47			N OF ST. PETERSBURG
J	TOKYO	5131.800	13	04	1044				CHN			J2B	119	E	17	31	N	37	263	A		
G	BALDOCK	5146.000	19	06	0437			?	TUR	FX		A1A							107	B		
G	BALDOCK	5153.800	19	06	0455			P BEACON	RUS	RN		A1A							69	A		
J	TOKYO	5154.200	13	04	1046			F				A1A	132	E	05	43	N	28	323	B		
J	TOKYO	5154.300	13	04	1047			K				A1A	157	E	27	51	N	49	31	B		
J	TOKYO	5154.400	13	04	1047			M				A1A	140	E	35	51	N	54	0	B		
G	BALDOCK	5156.800	19	06	0459			L BEACON	RUS	RN		A1A							54	B		
D	ITZEHOE	5161.975	07	06	0853	2400			HOL		2K70E	G1D							204			A OF STAVOREN
D	ITZEHOE	5161.975	08	06	0000	2400			HOL		2K70E	G1D							204			A OF STAVOREN
D	ITZEHOE	5161.975	09	06	0000	2400			HOL		2K70E	G1D							204			A OF STAVOREN
D	ITZEHOE	5161.975	10	06	0000	2400			HOL		2K70E	G1D							204			A OF STAVOREN
D	ITZEHOE	5161.975	11	06	0000	2400			HOL		2K70E	G1D							204			A OF STAVOREN
G	BALDOCK	5162.000	19	06	0503			?	HOL	FC		G1D							69	A		2400BD STANAG 4285
J	TOKYO	5170.000	13	04	1053				CHN			J3E	020	E	45	24	N	11	241	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	5174.000	19	06	0505			?	NOR	FC		F1B							31	A		75BD SECURE
D	ITZEHOE	5175.800	07	06	0000	2400			G		2K70E	G1D							267			E OF NOTTINGHAM
D	ITZEHOE	5175.800	08	06	0000	2400			G		2K70E	G1D							267			E OF NOTTINGHAM
D	ITZEHOE	5175.800	09	06	0000	2400			G		2K70E	G1D							267			E OF NOTTINGHAM
D	ITZEHOE	5175.800	10	06	0000	2400			G		2K70E	G1D							267			E OF NOTTINGHAM
D	ITZEHOE	5175.800	11	06	0000	1330			G		2K70E	G1D							267			E OF NOTTINGHAM
G	BALDOCK	5179.000	19	06	0515			?	RUS	SM		A1A							70	A		WEATHER REPORTS?
D	ITZEHOE	5194.000	07	06	0000	2400			S		200HE	F1B							48			A OF GOTHENBURG
D	ITZEHOE	5194.000	08	06	0000	2400			S		200HE	F1B							48			A OF GOTHENBURG
D	ITZEHOE	5194.000	09	06	0000	2400			S		200HE	F1B							48			A OF GOTHENBURG
D	ITZEHOE	5194.000	10	06	0000	2400			S		200HE	F1B							48			A OF GOTHENBURG
D	ITZEHOE	5194.000	11	06	0000	2000			S		200HE	F1B							48			A OF GOTHENBURG
D	ITZEHOE	5205.164	14	06	0000	2400			F		50H0E	N0N							209			A OF FLORANGE
D	ITZEHOE	5205.164	15	06	0000	2400			F		50H0E	N0N							209			A OF FLORANGE
D	ITZEHOE	5205.164	16	06	0000	2400			F		50H0E	N0N							209			A OF FLORANGE
D	ITZEHOE	5205.164	17	06	0000	2400			F		50H0E	N0N							209			A OF FLORANGE
D	ITZEHOE	5205.164	18	06	0000	2400			F		50H0E	N0N							209			A OF FLORANGE
D	ITZEHOE	5217.342	14	06	0000	2400			F		3K00	G1D							198			S OF TOULON
D	ITZEHOE	5217.342	15	06	0000	2400			F		3K00	G1D							198			S OF TOULON
D	ITZEHOE	5217.342	16	06	0000	2400			F		3K00	G1D							198			S OF TOULON
D	ITZEHOE	5217.342	17	06	0000	2400			F		3K00	G1D							198			S OF TOULON
D	ITZEHOE	5217.342	18	06	0000	2400			F		3K00	G1D							198			S OF TOULON
G	BALDOCK	5217.400	20	04	0359			?		FX		G1D							153			
J	TOKYO	5226.880	06	04	0032				RUS				132	E	01	43	N	07	322	A		
D	ITZEHOE	5229.467	14	06	0000	2400			NOR		2K70E	G1D							345			A OF JORPELAND
D	ITZEHOE	5229.467	15	06	0000	2400			NOR		2K70E	G1D							345			A OF JORPELAND
D	ITZEHOE	5229.467	16	06	0000	2400			NOR		2K70E	G1D							345			A OF JORPELAND
D	ITZEHOE	5229.467	17	06	0000	2400			NOR		2K70E	G1D							345			A OF JORPELAND
D	ITZEHOE	5229.467	18	06	0000	2400			NOR		2K70E	G1D							345			A OF JORPELAND
G	BALDOCK	5229.500	06	06	1002			?	NOR	FC		G1D							23	A		2400BD STANAG 4285
D	ITZEHOE	5241.783	14	06	0658	1321			G		2K80	G1D							300			N SEA W OF EDINBURGH
D	ITZEHOE	5241.783	16	06	0702	1151			G		2K80	G1D							300			N SEA W OF EDINBURGH
INS	MSTM-MEDAN	5245.000	10	06	0840	0850	16.0	Unknown		FX	2K15E	J3E										Komrad
D	BERLIN	5247.714	14	06	0000	2400			BIH		2K70E	H7D							155			S E OF SARAJEVO
D	BERLIN	5247.714	15	06	0000	2400			BIH		2K70E	H7D							155			S E OF SARAJEVO
D	BERLIN	5247.714	16	06	0000	2400			BIH		2K70E	H7D							155			S E OF SARAJEVO
D	BERLIN	5247.714	17	06	0000	2400			BIH		2K70E	H7D							155			S E OF SARAJEVO
D	BERLIN	5247.714	18	06	0000	2400			BIH		2K70E	H7D							155			S E OF SARAJEVO
G	BALDOCK	5248.000	19	06	0523			?	GRC	FC		G1D							119	A		2400BD 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	5255.000	19	04	0918							A1A										
J	TOKYO	5266.000	06	04	0040				KOR			J2D	126	E	21	34	N	36	268	A		
D	ITZEHOE	5268.301	14	06	0000	2400			HOL		2K80	G1D							238			A OF AMSTERDAM
D	ITZEHOE	5268.301	15	06	0000	2400			HOL		2K80	G1D							238			A OF AMSTERDAM
D	ITZEHOE	5268.301	16	06	0000	2400			HOL		2K80	G1D							238			A OF AMSTERDAM
D	ITZEHOE	5268.301	17	06	0000	2400			HOL		2K80	G1D							238			A OF AMSTERDAM
D	ITZEHOE	5268.301	18	06	0000	2400			HOL		2K80	G1D							238			A OF AMSTERDAM
G	BALDOCK	5268.400	19	06	1931			?	HOL	FX		G1D							99	A		2400 BD STANAG 4285
G	BALDOCK	5293.000	23	04	0443			REO	RUS	FX		A1A							69	B		
D	KONSTANZ	5301.700	01	06	0000	0600			SRB	FX	2K40	G1D	020	E	40	43	N	39	112			
D	KONSTANZ	5301.700	01	06	1540	2400			SRB	FX	2K40	G1D	020	E	40	43	N	39	112			
D	KONSTANZ	5301.700	02	06	0000	0531			SRB	FX	2K40	G1D	020	E	40	43	N	39	112			
D	KONSTANZ	5301.700	02	06	1544	2400			SRB	FX	2K40	G1D	020	E	40	43	N	39	112			
D	KONSTANZ	5301.700	03	06	0000	0536			SRB	FX	2K40	G1D	020	E	40	43	N	39	112			
D	KONSTANZ	5301.700	03	06	1505	2400			SRB	FX	2K40	G1D	020	E	40	43	N	39	112			
INS	MSTM-MEDAN	5310.000	09	06	0210	0220	20.0	Unknown		FX	2K10E	J3E										Komrad
INS	MSTM-MEDAN	5310.000	09	06	0550	0600	15.0	Unknown		FX	1K45E	J3E										Komrad
INS	MSTM-MEDAN	5330.000	09	06	0230	0240	19.0	Unknown		FX	3K10E	J3E										Komrad
INS	MSTM-MEDAN	5330.000	09	06	0610	0620	15.0	Unknown		FX	3K10E	J3E										Komrad
G	BALDOCK	5340.000	20	04	0412			?		FX		F1B							260	C		CARIBBEAN
G	BALDOCK	5340.000	13	05	0706			?	USA	FC		F1B							268	A		STANAG 4481
D	KONSTANZ	5340.000	01	06	0000	0704				FX	1K07	F1B							269			
D	KONSTANZ	5340.000	01	06	2150	2400				FX	1K07	F1B							269			
D	KONSTANZ	5340.000	02	06	0000	0735				FX	1K07	F1B							269			
D	KONSTANZ	5340.000	02	06	2145	2400				FX	1K07	F1B							269			
D	KONSTANZ	5340.000	03	06	0000	0717				FX	1K07	F1B							269			
D	KONSTANZ	5340.000	04	06	2158	2400				FX	1K07	F1B							269			
J	TOKYO	5352.620	06	04	0050				KRE			A1A	126	E	20	40	N	56	300	B		
D	KONSTANZ	5352.880	04	06	1654	2400			UKR	FX	50H0E	N0N	031	E	55	50	N	04	73			
D	KONSTANZ	5352.880	05	06	0000	0514			UKR	FX	50H0E	N0N	031	E	55	50	N	04	73			
D	KONSTANZ	5352.880	05	06	1600	1949			UKR	FX	50H0E	N0N	031	E	55	50	N	04	73			
D	KONSTANZ	5352.880	06	06	1640	1936			UKR	FX	50H0E	N0N	031	E	55	50	N	04	73			
D	BERLIN	5358.488	06	06	0000	0610			E	FX	50H0E	N0N	003	W	08	43	N	02	236			
J	TOKYO	5361.000	06	04	0055				CHN			A1A	123	E	46	41	N	17	300	B		
D	BERLIN	5363.505	04	06	0000	2400			DNK	FX	2K70E	G1D							341			
D	BERLIN	5363.505	05	06	0000	2400			DNK	FX	2K70E	G1D							341			
D	BERLIN	5363.505	06	06	0000	2400			DNK	FX	2K70E	G1D							341			
D	KONSTANZ	5380.900	04	06	0000	2400			E	FX	50H0E	N0N	003	W	30	42	N	46	216			
D	KONSTANZ	5380.900	05	06	0000	0706			E	FX	50H0E	N0N	003	W	30	42	N	46	216			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	5380.900	06	06	0000	2400			E	FX	50H0E	N0N	003	W	30	42	N	46	216			
D	BERLIN	5393.000	05	06	1810	1950			UKR	FX	200H	F1B							110			A OF SEVASTOPOL
D	KONSTANZ	5398.000	04	06	0000	0653			RUS	FX	290H	F1B	047	E	56	55	N	55	49			
D	KONSTANZ	5398.000	04	06	1957	2400			RUS	FX	290H	F1B	047	E	56	55	N	55	49			
D	KONSTANZ	5398.000	05	06	0000	0549			RUS	FX	290H	F1B	047	E	56	55	N	55	49			
D	KONSTANZ	5398.000	05	06	1800	2400			RUS	FX	290H	F1B	047	E	56	55	N	55	49			
D	KONSTANZ	5398.000	06	06	0000	0733			RUS	FX	290H	F1B	047	E	56	55	N	55	49			
D	KONSTANZ	5398.000	06	06	1800	2400			RUS	FX	290H	F1B	047	E	56	55	N	55	49			
D	BERLIN	5399.750	06	06	0335	1825				MS		AXX	010	W	29	57	N	44	301			
INS	MSTM-MEDAN	5400.000	09	06	0340	0350	12.0	Unknown		FX	2K50E	J3E										Komrad
INS	MSTM-MEDAN	5400.000	09	06	0720	0730	16.0	Unknown		FX	3K10E	J3E										Komrad
D	KONSTANZ	5403.997	08	06	0000	0237			RUS	FX		F1B	035	E	12	56	N	48	53			
D	KONSTANZ	5429.300	07	06	0000	1130			NOR	FX	2K70E	G1D							357			A OF STAVANGER
D	KONSTANZ	5429.300	07	06	1427	2400			NOR	FX	2K70E	G1D							357			A OF STAVANGER
D	KONSTANZ	5429.300	08	06	0000	0844			NOR	FX	2K70E	G1D							357			A OF STAVANGER
D	KONSTANZ	5429.300	08	06	1604	2400			NOR	FX	2K70E	G1D							357			A OF STAVANGER
D	KONSTANZ	5429.300	09	06	0000	2400			NOR	FX	2K70E	G1D							357			A OF STAVANGER
INS	MSTM-MEDAN	5430.000	09	06	0420	0430	18.0	Unknown		FX	2K50E	J3E										Komrad
INS	MSTM-MEDAN	5430.000	09	06	0750	0800	17.0	Unknown		FX	3K10E	J3E										Komrad
D	KONSTANZ	5433.500	07	06	0000	2400			I	MS	2K70E	G1D	013	E	06	38	N	55	172			
D	KONSTANZ	5433.500	08	06	0000	1042			I	MS	2K70E	G1D	013	E	06	38	N	55	172			
D	KONSTANZ	5433.500	09	06	0222	2400			I	MS	2K70E	G1D	013	E	06	38	N	55	172			
J	TOKYO	5437.000	06	04	0103				RUS			F1B	132	E	07	43	N	13	322	B		
D	BERLIN	5442.875	07	06	0752	1803			G	FX	2K70E	G1D							268			A OF LONDON
D	BERLIN	5442.875	08	06	0833	0957			G	FX	2K70E	G1D							268			A OF LONDON
D	BERLIN	5444.570	09	06	0000	0429			UKR	FX	2K60E	J7D							109			A OF SEVASTOPOL
D	KONSTANZ	5448.000	07	06	0000	0501			RUS	FX		F1B							27			A OF MURMANSK
D	KONSTANZ	5448.000	07	06	1650	2400			RUS	FX		F1B							27			A OF MURMANSK
D	KONSTANZ	5448.000	08	06	0000	0505			RUS	FX		F1B							27			A OF MURMANSK
D	KONSTANZ	5448.000	08	06	1820	2400			RUS	FX		F1B							27			A OF MURMANSK
D	KONSTANZ	5448.000	09	06	0000	0310			RUS	FX		F1B							27			A OF MURMANSK
G	BALDOCK	5448.670	23	04	0500			THE PIP	RUS	MR		A1A							89	B		RS sig active fm c1986
INS	MSTM-MEDAN	5450.000	09	06	0440	0450	18.0	Unknown		FX	2K25E	J3E										Komrad
INS	MSTM-MEDAN	5450.000	09	06	0810	0820	15.0	Unknown		FX	3K10E	J3E										Komrad
D	KONSTANZ	5451.500	04	06	0000	2400			G	FX	3K00E	J3E	003	W	09	53	N	52	312			
D	KONSTANZ	5451.500	05	06	0000	2400			G	FX	3K00E	J3E	003	W	09	53	N	52	312			
D	KONSTANZ	5451.500	06	06	0000	2400			G	FX	3K00E	J3E	003	W	09	53	N	52	312			
D	KONSTANZ	5460.930	04	06	0000	2400				MS	100HE	A1A	002	W	17	44	N	16	214			
D	KONSTANZ	5460.930	05	06	0000	0706				MS	100HE	A1A	002	W	17	44	N	16	214			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	5460.930	06	06	0000	2400				MS	100HE	A1A	002	W	17	44	N	16	214			
D	KONSTANZ	5464.900	04	06	0000	0315			RUS	FX	100HE	A1A	041	E	21	46	N	36	52			E OF MOSKVA
G	BALDOCK	5468.000	27	04	2119			?	RUS	FX		F1B							71	A		SECURE 50 BD
INS	MSTM-MEDAN	5470.000	08	06	0130	0140	18.0	Unknown		FX	3K50E	J3E										Komrad
D	KONSTANZ	5477.990	04	06	0000	0542				FX	290H	F1B	022	E	23	48	N	58	77			
D	KONSTANZ	5477.990	04	06	1955	2400				FX	290H	F1B	022	E	23	48	N	58	77			
D	KONSTANZ	5477.990	05	06	0000	0415				FX	290H	F1B	022	E	23	48	N	58	77			
D	KONSTANZ	5477.990	05	06	2000	2400				FX	290H	F1B	022	E	23	48	N	58	77			
D	KONSTANZ	5477.990	06	06	0000	0520				FX	290H	F1B	022	E	23	48	N	58	77			
D	KONSTANZ	5477.990	06	06	1956	2400				FX	290H	F1B	022	E	23	48	N	58	77			
INS	MSTM-MEDAN	5495.000	08	06	0540	0550	10.0	Unknown		FX	3K10E	J3E										Komrad
J	TOKYO	5497.200	22	06	0443			RNJ				A1A	126	E	07	39	N	19	292	B		
J	TOKYO	5497.500	22	06	0442				KRE			J2B	125	E	54	39	N	04	291	B		
G	BALDOCK	5505.000	19	06	1944			SHANNON VOLMET	IRL	FD		J3E							281	A		
D	KONSTANZ	5506.500	07	06	0000	2400			IRL	FX	3K00E	H3E							303			
D	KONSTANZ	5506.500	08	06	0000	1008			IRL	FX	3K00E	H3E							303			
D	KONSTANZ	5506.500	08	06	1008	2400			IRL	FX	3K00E	H3E							303			
D	KONSTANZ	5506.500	09	06	0000	2400			IRL	FX	3K00E	H3E							303			
INS	MSTM-MEDAN	5515.000	08	06	0600	0610	25.0	Unknown		FX	3K10E	J3E										Komrad
INS	MSTM-MEDAN	5530.000	08	06	0230	0240	15.0	Unknown		FX	625HE	F1B										TELEPRINTER
INS	MSTM-MEDAN	5535.000	08	06	0630	0640	12.0	Unknown		FX	3K10E	J3E										Komrad
D	BERLIN	5555.016	10	06	0000	0300			TUR	FX	2K70E	G1D	028	E	56	37	N	16	136			SE OF IZMIR
D	BERLIN	5555.016	10	06	1737	2400			TUR	FX	2K70E	G1D	028	E	56	37	N	16	136			SE OF IZMIR
D	BERLIN	5555.016	11	06	0000	0328			TUR	FX	2K70E	G1D	028	E	56	37	N	16	136			SE OF IZMIR
D	BERLIN	5555.016	11	06	1807	2400			TUR	FX	2K70E	G1D	028	E	56	37	N	16	136			SE OF IZMIR
D	BERLIN	5555.016	12	06	0000	0350			TUR	FX	2K70E	G1D	028	E	56	37	N	16	136			SE OF IZMIR
D	BERLIN	5555.016	12	06	1715	2400			TUR	FX	2K70E	G1D	028	E	56	37	N	16	136			SE OF IZMIR
D	KONSTANZ	5565.000	11	06	0627	0732			POL		500H	F1B							67			A OF WARSAW
INS	MSTM-MEDAN	5570.000	08	06	0310	0320	13.0	Unknown		FX	725HE	F1B										TELEPRINTER
J	TOKYO	5597.400	22	06	0449				CHN			J2D	121	E	42	79	N	27	254	B		
G	BALDOCK	5598.000	23	04	0540			SHANWICK	IRL	FD		J3E							281	A		
INS	MSTM-MEDAN	5610.000	08	06	0800	0810	25.0	Unknown		FX	3K10E	J3E										Komrad
J	TOKYO	5614.000	22	06	0451				CHN			A1A	126	E	21	45	N	24	317	B		
INS	MSTM-MEDAN	5615.000	08	06	0400	0410	13.0	Unknown		FX	3K10E	J3E										Komrad
INS	MSTM-MEDAN	5620.000	08	06	0410	0420	14.0	Unknown		FX	3K10E	J3E										Komrad
D	KONSTANZ	5646.810	14	06	0000	0057				FX	2K70E	G1D	041	E	39	36	N	32	92			
D	BERLIN	5650.763	14	06	0245	0422			USA	FX	3K00E	J3E							286			
D	BERLIN	5656.450	16	06	2146	2235			POR	FX	3K00E	J3E							236			A OF BARCARENA
D	BERLIN	5656.470	16	06	2146	2233				FX	3K00E	J3E							254			

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	5665.000	07	06	0130	0140	15.0	Unknown		FX	3K82E	J3E										Komrad
INS	MSTM-MEDAN	5665.000	07	06	0510	0520	16.0	Unknown		FX	2K34E	J3E										Komrad
J	TOKYO	5667.000	13	04	1102			SAN FRANCISCO		FA		J3E										
INS	MSTM-MEDAN	5671.500	07	06	0150	0200	11.0	Unknown		FX	2K00E	J3E										Komrad
J	TOKYO	5673.000	13	04	1103			GUANGZHOU				J3E	113	E	30	23	N	30	250	B		
INS	MSTM-MEDAN	5680.000	07	06	0200	0210	13.0	Unknown		FX	2K10E	J3E										Komrad
J	TOKYO	5690.720	06	04	0113							A1A										
INS	MSTM-MEDAN	5715.000	07	06	0610	0620	18.0	Unknown		FX	1K75E	J3E										Komrad
D	BERLIN	5721.367	13	06	0000	0621			F	FX	2K70E	G1D	003	W	38	48	N	19	253			
D	BERLIN	5721.367	15	06	1926	2325			F	FX	2K70E	G1D	003	W	38	48	N	19	253			
D	KONSTANZ	5739.798	15	06	0000	0441			RUS	FX	2K60E	J7D							44			A OF KALININGRAD
G	BALDOCK	5744.000	04	05	1115					FB		J7D										
D	KONSTANZ	5744.000	15	06	1242	2400			G	FX	2K60E	G1D	002	W	47	50	N	49	287			A OF RAMPISHAM
D	KONSTANZ	5744.000	15	06	1242	2400			G	FX	2K60E	G1D							293			
G	BALDOCK	5747.000	23	04	0524			?	RUS	FX		J7D							92	A		SECURE (ODESSA)
D	BERLIN	5749.975	16	06	0000	2400			G	FX	2K70E	G1D	003	W	47	50	N	26	265			
D	KREFELD	5749.975	17	06	0026	2100			G	FX	2K70E	G1D							296			
D	KONSTANZ	5750.000	15	06	1242	2400			G	FX	2K60E	G1D							299			
D	BERLIN	5750.000	15	06	1242	2400			G	FX	2K60E	G1D							270			
D	KREFELD	5752.994	17	06	1701	2400				FX		F1B	024	E	33	66	N	48	21			
D	KREFELD	5752.994	18	06	0000	0240				FX		F1B	024	E	33	66	N	48	21			
D	KREFELD	5752.994	18	06	1745	2400				FX		F1B	024	E	33	66	N	48	21			
D	BERLIN	5759.025	16	06	0000	1320				MS	2K70E	G1D	010	W	05	49	N	26	266			
D	BERLIN	5759.025	17	06	0010	2200				MS	2K70E	G1D	010	W	05	49	N	26	266			
D	BERLIN	5759.025	18	06	0208	1920				MS	2K70E	G1D	010	W	05	49	N	26	266			
D	KONSTANZ	5776.995	18	06	1840	2113			RUS	FX	2K60E	J7D							37			
D	KONSTANZ	5800.000	16	06	0000	0434			USA	BC	10K0E	A3E							289			
INS	MSTM-MEDAN	5815.000	07	06	0420	0430	18.0	Unknown		FX	1K80E	J3E										Komrad
INS	MSTM-MEDAN	5815.000	07	06	0800	0810	18.0	Unknown		FX	1K75E	J3E										Komrad
D	KONSTANZ	5817.720	19	06	0000	0451				FX	2K63	G1D	028	E	09	43	N	48	86			
D	KONSTANZ	5817.720	19	06	1656	2400				FX	2K63	G1D	028	E	09	43	N	48	86			
D	KONSTANZ	5817.720	20	06	1704	2400				FX	2K63	G1D	028	E	09	43	N	48	86			
D	KONSTANZ	5817.720	21	06	0000	0555				FX	2K63	G1D	028	E	09	43	N	48	86			
D	KONSTANZ	5817.720	21	06	1910	2400				FX	2K63	G1D	028	E	09	43	N	48	86			
G	BALDOCK	5817.800	07	04	2328			?	TUR	FX		G1D							104	A		
G	BALDOCK	5817.800	19	06	2002			?	TUR	FX		G1D							104	A		
D	KONSTANZ	5819.499	19	06	0519	1037			RUS	FX	50H0E	N0N							39			A OF KALININGRAD
D	KONSTANZ	5819.500	19	06	0000	0513			RUS	FX		F1B							41			A OF KALININGRAD
D	KONSTANZ	5819.500	19	06	1706	2400			RUS	FX		F1B							41			A OF KALININGRAD

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	5819.500	19	06	2004			?	D	FX		F1B							71	A		
D	KONSTANZ	5819.500	20	06	0000	0822			RUS	FX		F1B							41			A OF KALININGRAD
D	KONSTANZ	5819.500	20	06	1705	2400			RUS	FX		F1B							41			A OF KALININGRAD
D	KONSTANZ	5819.500	21	06	0000	2400			RUS	FX		F1B							41			A OF KALININGRAD
D	KONSTANZ	5830.000	19	06	0039	0613			USA	BC	10K0E	A3E							299			
D	KONSTANZ	5830.000	21	06	0045	0538			USA	BC	10K0E	A3E							299			
KOR	CRMS	5845.000	01	04	1815	1815	45.8		PHL	BC		A3E							33		11	
KOR	CRMS	5845.000	06	06	1813	1813	34.9		PHL	BC		A3E									11	
J	TOKYO	5847.000	13	04	1110				CHN			A1A	115	E	41	26	N	13	279	B		
D	KONSTANZ	5849.970	20	06	0000	2400				FX	2K54	G1D	023	E	06	57	N	37	35			
J	TOKYO	5850.000	13	04	1113					BC		A3E							40	B		
D	KONSTANZ	5850.000	19	06	0000	0547			USA	BC	10K0E	A3E							297			
G	BALDOCK	5850.000	19	06	2007			?	DNK	FX		G1D	011	E	58	55	N	22	68	A		2400 BD STANAG 4285
D	BERLIN	5850.015	22	06	0000	2400			USA	FX	2K58	G1D							295			
D	BERLIN	5850.015	23	06	0000	2400			USA	FX	2K58	G1D							295			
D	BERLIN	5850.015	24	06	0000	2400			USA	FX	2K58	G1D							295			
J	TOKYO	5857.520	06	04	0122			HLL2				H3E	127	E	03	36	N	19	278	A		
J	TOKYO	5857.520	22	06	0500			HLL2				H3E	128	E	14	36	N	05	276	B		
KOR	CRMS	5860.000	06	04	2112	2112	28.6		KWT	BC		A3E							23		11	
G	BALDOCK	5860.000	07	04	0443			RADIO FARDA	KWT	BC		A3E							101	B		
KOR	CRMS	5860.000	25	04	1812	1812	28.1		D	BC		A3E							20		11	
KOR	CRMS	5860.000	09	05	1918	1918	32.6		KWT	BC		A3E									11	
D	KONSTANZ	5860.000	22	06	0000	0559				BC	10K0E	A3E	045	E	36	33	N	56	105			
D	KONSTANZ	5860.000	22	06	1510	2400				BC	10K0E	A3E	045	E	36	33	N	56	105			
D	KONSTANZ	5860.000	23	06	0000	0438				BC	10K0E	A3E	045	E	36	33	N	56	105			
D	KONSTANZ	5860.000	23	06	1527	2400				BC	10K0E	A3E	045	E	36	33	N	56	105			
D	KONSTANZ	5860.000	24	06	0000	0401				BC	10K0E	A3E	045	E	36	33	N	56	105			
D	KONSTANZ	5860.000	24	06	1600	2400				BC	10K0E	A3E	045	E	36	33	N	56	105			
D	BERLIN	5861.000	22	06	0000	2400				FX	50H0E	N0N	007	E	25	47	N	54	221			
D	BERLIN	5861.000	23	06	0000	2400				FX	50H0E	N0N	007	E	25	47	N	54	221			
D	BERLIN	5861.000	24	06	0000	2400				FX	50H0E	N0N	007	E	25	47	N	54	221			
D	KONSTANZ	5870.000	22	06	0705	0830			RUS	FX	650H	F1B							48			
D	KONSTANZ	5872.370	23	06	1357	2247			I	FX	2K53	G1D							173			
D	KONSTANZ	5872.370	24	06	0503	1206			I	FX	2K53	G1D							173			
KOR	CRMS	5875.000	04	04	1819	1819	30.0		ARM	BC		A3E									11	
G	BALDOCK	5875.000	07	04	2321			VOA	PHL	BC		A3E							60	A		KOREAN LANGUAGE BROADCA
KOR	CRMS	5875.000	12	04	1939	1939	33.6		UZB	BC		A3E							46		11	
J	TOKYO	5875.000	13	04	1121				CHN	BC		A3E	108	E	59	19	N	08	247	B		
KOR	CRMS	5875.000	15	04	2009	2009	29.0		THA	BC		A3E							1		11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	5875.000	03	05	2009	2009	51.7		THA	BC		A3E									11	
KOR	CRMS	5875.000	05	05	1529	1529	37.0		UZB	BC		A3E									11	
KOR	CRMS	5875.000	10	05	1823	1823	33.0		ARM	BC		A3E									11	
KOR	CRMS	5875.000	14	06	2014	2014	21.8		THA	BC		A3E									11	
KOR	CRMS	5875.000	17	06	2000	2000	6.7		UZB	BC		A3E									11	
D	KONSTANZ	5875.000	22	06	0529	0700				BC	10K0E	A3E							210			
D	KONSTANZ	5875.000	22	06	1652	2100				BC	10K0E	A3E	029	E	51	47	N	00	85			
D	KONSTANZ	5875.000	23	06	2135	2305			CHN	BC	10K0E	A3E							65			
D	KONSTANZ	5875.000	24	06	1654	2400			CHN	BC	10K0E	A3E							65			
D	KONSTANZ	5884.966	22	06	1040	1300				BC	10K0E	A3E	006	E	09	50	N	38	321			
D	KREFELD	5885.000	22	06	1510	1635				FX	50H0E	N0N							96			
KOR	CRMS	5890.000	10	05	1824	1824	38.9		THA	BC		A3E									11	
KOR	CRMS	5890.000	06	06	1814	1814	29.3		THA	BC		A3E									11	
D	KONSTANZ	5890.000	22	06	0159	0810			USA	BC	10K0E	A3E							300			
D	KONSTANZ	5890.000	22	06	1700	1900			CHN	BC	10K0E	A3E							79			
D	KONSTANZ	5890.000	23	06	0200	0655			USA	BC	10K0E	A3E							300			
D	KONSTANZ	5890.000	23	06	1700	1902			CHN	BC	10K0E	A3E							79			
D	KONSTANZ	5890.000	23	06	2158	2400			CHN	BC	10K0E	A3E							79			
D	KONSTANZ	5890.000	24	06	0159	0633			USA	BC	10K0E	A3E							300			
D	KONSTANZ	5890.000	24	06	1658	1900			CHN	BC	10K0E	A3E							79			
D	KONSTANZ	5894.890	24	06	0000	0605			RUS	FX	50H0E	N0N	040	E	59	58	N	35	48			
D	KONSTANZ	5894.890	24	06	1525	2400			RUS	FX	50H0E	N0N	040	E	59	58	N	35	48			
D	KREFELD	5894.970	22	06	0325	1022			NOR	BC	10K0E	A3E							356			A OF STAVANGER
D	KREFELD	5894.970	22	06	1426	2208			NOR	BC	10K0E	A3E							356			A OF STAVANGER
D	KREFELD	5894.970	23	06	0325	0900			NOR	BC	10K0E	A3E							356			A OF STAVANGER
G	BALDOCK	5900.000	07	04	0440			THE OVERCOMER MINISTRY	BUL	BC		A3E							112	A		KOSTINBROD TX SITE
G	BALDOCK	5900.000	27	05	0410			THE OVERCOMER MINISTRY	BUL	BC		A3E							109	A		KOSTINBROD TX
G	BALDOCK	5900.000	19	06	2047			THE OVERCOMER MINISTRY	BUL	BC		A3E							112	A		KOSTINBROD TX SITE
D	KONSTANZ	5900.000	22	06	0000	0430			SRB	BC	10K0E	A3E							107			A OF BELGRADE
D	KONSTANZ	5900.000	22	06	1654	2400			SRB	BC	10K0E	A3E							107			A OF BELGRADE
D	KONSTANZ	5900.000	23	06	0000	0433			SRB	BC	10K0E	A3E							107			A OF BELGRADE
D	KONSTANZ	5900.000	23	06	1856	2400			SRB	BC	10K0E	A3E							107			A OF BELGRADE
D	KONSTANZ	5900.000	24	06	0000	0432			SRB	BC	10K0E	A3E							107			A OF BELGRADE
D	KONSTANZ	5900.000	24	06	1857	2400			SRB	BC	10K0E	A3E							107			A OF BELGRADE
G	BALDOCK	5905.000	03	04	0155			CRI	CHN	BC		A3E							72	B		KASHI-SAIBAGH TX SITE
KOR	CRMS	5905.000	13	04	0346	0346	39.0		KRE	BC		A3E									6	
F	RAMBOUILLET	5905.000	03	05	1200	1400	36.0	DEUTSCHER WETTERDIENS	D	BC	10K0E	A3EG							39	A		3
KOR	CRMS	5905.000	11	05	0422	0422	23.6		KRE	BC		A3E									6	
KOR	CRMS	5905.000	11	06	0425	0425	29.2		KRE	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	5910.000	24	04	1630			RADIO ROMANIA INTERNATIONAL	ROU	BC		A3E							104	A		TIGNASTI-SAFTICA TX
F	RAMBOUILLET	5910.000	03	05	1400	1800	27.0	RRI	ROU	BC	10K0E	A3EG							153	A	3	
G	BALDOCK	5915.000	03	04	0200			ZAMBIA NBC	ZMB	BC		A3E							148	B		LUSAKA TX SITE
G	BALDOCK	5915.000	27	05	0415			ZAMBIA NBC RADIO 1	ZMB	BC		A3E							142	C		LUSAKA TX
G	BALDOCK	5918.510	17	04	0604			?	RUS	FC		F1B							70	A		KALININGRAD
J	TOKYO	5919.970	29	06	0159				KOR				127	E	03	36	N	54	281	B		
F	RAMBOUILLET	5920.000	03	05	0600	1800	33.0	HCJB	D	BC	10K0E	A3EG							36	A	6	
F	RAMBOUILLET	5920.000	03	05	1400	1800	30.0	HCJB	D	BC	10K0E	A3EG							153	A	6	
G	BALDOCK	5920.000	08	05	1219			HCJB DEUTSCH	D	BC		A3E							72	A		WEENERMOOR TX
F	RAMBOUILLET	5930.000	04	05	0600	1000	35.0	WRMI	USA	BC	10K0E	A3EG							256	A	3	
G	BALDOCK	5930.000	08	05	1332			WORLD MUSIC RADIO	DNK	BC		A3E							53	A		
G	BALDOCK	5935.000	03	04	0204			WWCR UNIVERSITY NETWORK	USA	BC		A3E							292	B		NASHVILLE TX SITE
F	RAMBOUILLET	5935.000	04	05	0600	0900	34.0	WWCR	USA	BC	10K0	A3EG							259	A		
G	BALDOCK	5935.000	27	05	0420			WWCR UNIVERSITY NETWORK	USA	BC		A3E							295	B		NASHVILLE TX
G	BALDOCK	5935.000	23	06	0215			WWCR UNIVERSITY NETWORK	USA	BC		A3E							292	A		NASHVILLE TX SITE
G	BALDOCK	5939.380	03	04	0207			R VOZ MISSIONARIA	B	BC		A3E							221	B		NOT LISTED ON HFBC
F	RAMBOUILLET	5942.000	04	05	1600	1800	5.0				2K80E	J7B							55	A	9	
G	BALDOCK	5950.000	03	04	0218			WRMI OVERCOMER MINISTRY	USA	BC		A3E							282	B		OKEECHOBEE TX SITE
F	RAMBOUILLET	5950.000	05	05	0600	0800	20.0	WRMI	USA	BC	10K0E	A3EG							282	A	7	
G	BALDOCK	5950.000	27	05	0425			WRMI CLASSIC REDNECK RADIO	USA	BC		A3E							280	B		OKEECHOBEE TX
G	BALDOCK	5950.000	19	06	2040			KBS WORLD	F	BC		A3E	001	E	51	46	N	57	160	B		ISSODOUN TX
G	BALDOCK	5950.000	23	06	0220			WRMI OVERCOMER MINISTRY	USA	BC		A3E							280	B		OKEECHOBEE TX SITE
G	BALDOCK	5960.000	03	04	0224			PBS XINJIANG	CHN	BC		A3E							61	B		URUMQI TX SITE
F	RAMBOUILLET	5960.000	05	05	1500	2200	12.0	PBS	CHN	BC	10K0	A3EG							52	A		
KOR	CRMS	5960.000	23	05	1808	1808	21.0		TUR	BC		A3E									6	
G	BALDOCK	5960.000	27	05	0430			RADIO KUWAIT	KWT	BC		A3E							100	B		SULABIYAH TX
J	TOKYO	5965.000	22	04	1400			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	5970.000	03	04	0228			WEWN 3	USA	BC		A3E							286	B		VANDIVER TX SITE
F	RAMBOUILLET	5970.000	05	05	0600	2200	18.0			BC	10K0E	A3EG							40	A	9	
G	BALDOCK	5970.000	23	06	0222			WEWN 3	USA	BC		A3E							287	B		VANDIVER TX SITE
G	BALDOCK	5980.000	03	04	0232			RADIO MARTI	USA	BC		A3E							280	B		GREENVILLE B TX SITE
G	BALDOCK	5980.000	08	05	1334			RADIO CHINA INTERNATIONAL	CHN	BC		A3E							55	C		
G	BALDOCK	5980.000	23	06	0223			RADIO MARTI	USA	BC		A3E							280	B		GREENVILLE B TX SITE
G	BALDOCK	5985.000	03	04	0238			MYANMAR RADIO	BRM	BC		A3E							77	B		YANGON TX SITE

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	5985.000	05	05	1500	1800	14.0			BC	10K0E	A3EG							75	A	9	
G	BALDOCK	5985.000	27	05	0435			WRMI	USA	BC		A3E							280	B		OKEECHOBEE TX
KOR	CRMS	5990.000	10	04	0603	0603	63.1	CNR	CHN	BC		A3E									3	
KOR	CRMS	5990.000	12	06	0614	0614	26.7		CHN	BC		A3E									6	
F	RAMBOUILLET	5995.000	05	05	0600	0800	21.0			BC	10K0E	A3EG							78	A	9	
G	BALDOCK	6000.000	03	04	0242			RADIO HABANA CUBA	CUB	BC		A3E							277	B		TITAN QUIVICAN TX SITE
F	RAMBOUILLET	6000.000	05	05	1700	1730	12.0	CNR	CHN	BC	10K0	A3EG							55	A		
F	RAMBOUILLET	6000.000	06	05	1700	1730	12.0	CNR	CHN	BC	10K0	A3EG							55	A		
KOR	CRMS	6000.000	19	05	1519	1519	33.7	CNR	CHN	BC		A3E									3	
J	TOKYO	6000.000	22	06	0506				KRE				126	E	00	39	N	57	294	A		
KOR	CRMS	6000.000	22	06	1206	1206	62.1	CNR	CHN	BC		A3E									3	
G	BALDOCK	6000.000	23	06	0224			RADIO HABANA CUBA	CUB	BC		A3E							278	A		TITAN QUIVICAN TX
KOR	CRMS	6000.000	27	06	0948	0948	52.4		B	BC		A3E									6	
F	RAMBOUILLET	6005.000	06	05	0600	0700	26.0	BBC	G	BC	10K0	A3EG								A		
F	RAMBOUILLET	6005.000	06	05	0800	1600	25.0		D	BC	10K0	A3EG							50	A		
G	BALDOCK	6005.000	08	05	1337			RADIO SLOVAKIA INTERNATIONAL	D	BC		A3E							109	A		ENGLISH VOICE BC
G	BALDOCK	6015.000	03	04	0247			PBS XINJIANG	CHN	BC		A3E							62	A		URUMQI TX SITE
J	TOKYO	6015.000	12	04	2345				KRE				126	E	51	39	N	55	296	A		
F	RAMBOUILLET	6015.000	06	05	1600	1800	21.0	PBS	CHN	BC	10K0	A3EG							62	A		
F	RAMBOUILLET	6015.000	07	05	0400	0600	51.0	ROMANIA RADIO	ROU	BC	10K0E	A3EG							82	A		
J	TOKYO	6015.000	22	06	0608				KRE				125	E	27	38	N	58	290	B		
J	TOKYO	6015.000	29	06	0417				KRE				126	E	29	40	N	03	296	B		
G	BALDOCK	6030.000	03	04	0254			RADIO MARTI	USA	BC		A3E							283	B		GREENVILLE B TX
J	TOKYO	6030.000	19	04	1002				CHN	BC		D7W	116	E	32	39	N	54	290	B		
G	BALDOCK	6030.000	23	06	0227			RADIO MARTI	USA	BC		A3E							288	B		GREENVILLE B TX
KOR	CRMS	6045.000	18	06	0341	0341	15.6	KCB	KRE	BC		A3E									3	
J	TOKYO	6045.000	22	06	0615				KRE				125	E	37	39	N	31	292	B		
G	BALDOCK	6050.000	03	04	0259			HCJB QUITO	EQA	BC		A3E							260	B		PICO PINCHINCHA TX
G	BALDOCK	6050.000	23	06	0230			HCJB QUITO	EQA	BC		A3E							260	B		PICO PINCHINCHA TX
G	BALDOCK	6060.000	03	04	0304			VO ISLAMIC REPUBLIC OF IRAN	IRN	BC		A3E							91	B		ZAHEDAN TX SITE
G	BALDOCK	6060.000	27	05	0450			RADIO HAVANA CUBA	CUB	BC		A3E							280	B		BAUTA TX
G	BALDOCK	6060.000	23	06	0231			VO ISLAMIC REPUBLIC OF IRAN	IRN	BC		A3E							91	B		ZAHEDAN TX SITE
G	BALDOCK	6070.000	03	04	0307			CFRX TORONTO	CAN	BC		A3E							283	C		TORONTO TX SITE
KOR	CRMS	6070.000	08	04	0913	0913	45.1		J	BC		A3E									6	
KOR	CRMS	6070.000	15	04	0918	0918	32.7		KRE	BC		A3E									6	
J	TOKYO	6070.000	21	04	0900			V.O. KOREA	KRE	BC		A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	6070.000	10	05	1000	2000	32.0	RADIO CHANNEL 292	D		10K0E	A3EG							84	A	6	
KOR	CRMS	6070.000	20	05	1116	1116	32.4	KCB	KRE	BC		A3E									3	
KOR	CRMS	6070.000	10	06	0907	0907	56.4	KCB	KRE	BC		A3E									3	
G	BALDOCK	6070.000	23	06	0240			?		BC		A3E							111	A		UNLISETED BROADCAST
KOR	CRMS	6075.000	17	04	1728	1728	26.6		CHN	BC		A3E									6	
G	BALDOCK	6080.000	24	04	1657			VOICE ISLAMIC REPUBLIC IRAN	IRN	BC		A3E							92	C		
G	BALDOCK	6085.000	08	05	1347			RADIO MI AMIGO	D	BC		A3E							110	A		KALL-KREKEL TX SITE
F	RAMBOUILLET	6085.000	11	05	0700	1700	44.0	R. MI AMIGO INTERNATIONAL.	D		10K0E	A3EG							54	A	7	
G	BALDOCK	6090.000	27	05	0455			R. AMHARA	ETH	BC		A3E							125	B		ADDID ABABA GEDJA TX
HNG	TARNOK	6100.000	02	04	1730	1930	107.2	BBC	G	BC	9K46	A3E										
KOR	CRMS	6100.000	12	04	0922	0922	29.5		KRE	BC		A3E									6	
J	TOKYO	6100.000	22	04	2221			V.O. KOREA	KRE	BC		A3E										
KOR	CRMS	6100.000	14	05	2105	2105	17.9		KRE	BC		A3E									6	
KOR	CRMS	6100.000	03	06	0029	0029	32.6		KRE	BC		A3E									6	
KOR	CRMS	6100.000	15	06	1210	1210	29.3		CHN	BC		A3E									6	
HNG	TARNOK	6100.005	02	04	1700	1730	52.4	TWR AFRICA	SWZ	BC	9K46	A3E										
HNG	TARNOK	6100.038	02	04	2000	2300	61.7	CRI	CHN	BC	7K85	A3E									3	
HNG	TARNOK	6105.000	02	04	0200	0400	54.6	NHK	F	BC	9K17	A3E										
HNG	TARNOK	6109.810	02	04	1800	2100	42.5	ERTA-RADIO FANA	ETH	BC	9K59	A3E									3	
KOR	CRMS	6110.000	24	04	1518	1518	47.4		CHN	BC		A3E									6	
G	BALDOCK	6110.000	24	04	1702			FURUSATO NO KAZE	CHN	BC		A3E							48	B		TAMSUI DISTRICT TX
F	RAMBOUILLET	6110.000	12	05	1600	1800	30.0	PBS	CHN		10K0	A3EG							55	A		
KOR	CRMS	6110.000	26	06	1516	1516	54.2		CHN	BC		A3E									6	
HNG	TARNOK	6110.001	02	04	2050	2400	26.0	PBS XIZANG	CHN	BC	9K99	A3E										
HNG	TARNOK	6110.046	02	04	1700	1804	48.8	PBS XIZANG	CHN	BC	8K89	A3E									3	
HNG	TARNOK	6115.000	02	04	0000	0200	42.7	PBS XIZANG	CHN	BC	9K99	A3E										
HNG	TARNOK	6119.960	02	04	1855	2100	47.7	NHK	J	BC	9K87	A3E									3	
KOR	CRMS	6120.000	01	04	1822	1822	36.7		B	BC		A3E									6	
G	BALDOCK	6120.000	03	04	0317			PBS XINJIANG	CHN	BC		A3E							63	B		URUMQI TX SITE
F	RAMBOUILLET	6120.000	12	05	1600	1800	30.0	CNR	CHN		10K0	A3EG							37	A		
F	RAMBOUILLET	6120.000	12	05	1600	1800	24.0	PBS	CHN		10K0	A3EG							53	A		
G	BALDOCK	6120.000	27	05	0500			ADVENTIST WORLD RADIO	AUT	BC		A3E							104	A		MOOSBRUNN TX
HNG	TARNOK	6120.025	02	04	1430	1800	40.2	PBS XINJIANG	CHN	BC	9K95	A3E									3	
HNG	TARNOK	6129.979	02	04	1700	1805	46.7	PBS XIZANG	CHN	BC	9K95	A3E									3	
HNG	TARNOK	6129.996	02	04	1430	1804	31.2	PBS XIZANG	CHN	BC	9K99	A3E										
HNG	TARNOK	6130.000	02	04	0000	0200	44.4	PBS XIZANG	CHN	BC	9K71	A3E										
HNG	TARNOK	6130.000	02	04	2050	2300	52.8	PBS XIZANG	CHN	BC	9K99	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	6130.000	03	04	0322			PBS XIZANG	CHN	BC		A3E							72	B		LHASA TX
HNG	TARNOK	6130.075	02	04	1820	2005	39.2	TWR AFRICA	SWZ	BC	9K80	A3E									3	
HNG	TARNOK	6134.993	02	04	2100	2157	68.9	CRI	CHN	BC	9K98	A3E										
G	BALDOCK	6135.000	03	04	0329			R. APARECIDA	B	BC		A3E							223	B		APARECIDA TX
HNG	TARNOK	6139.982	02	04	1700	1757	39.4	CRI	CHN	BC	9K73	A3E									3	
HNG	TARNOK	6139.983	02	04	1700	2400	36.9	RON	HOL	BC	9K93	A3E									3	
G	BALDOCK	6140.000	27	05	0505			?		BC		A3E							144	B		DW AFRICA?
J	TOKYO	6142.490	06	04	0131				CHN			A1A	123	E	44	42	N	05	303	B		
HNG	TARNOK	6144.937	02	04	1900	2100	71.9			BC	9K87	A3E									3	
G	BALDOCK	6145.000	03	04	0332			RADIO HABANA CUBA	CUB	BC		A3E							275	B		
HNG	TARNOK	6145.001	02	04	1400	1700	36.1	CNR1	CHN	BC	9K92	A3E										
HNG	TARNOK	6149.992	04	04	1800	1900	40.6	FEBA RADIO	UAE	BC	9K07	A3E										
HNG	TARNOK	6150.000	04	04	0800	1300	21.1	EUROPA 24	D	BC	9K26	A3E										
KOR	CRMS	6150.000	25	04	1815	1815	38.0		CHN	BC		A3E									6	
F	RAMBOUILLET	6150.000	12	05	0800	1600	24.0	Europa24	UAE		10K0E	A3EG							40	A		6
J	TOKYO	6155.000	21	04	0800			KBS WORLD R.	KOR	BC		A3E										
HNG	TARNOK	6159.999	04	04	0800	1600	27.5	AM SHORTWAVE RADIO	D	BC	9K50	A3E										
G	BALDOCK	6160.000	03	04	0345			WBCQ HAL TURNER SHOW	USA	BC		A3E							288	B		MONTICELLO TX
KOR	CRMS	6160.000	11	04	0030	0030	51.5		KRE	BC		A3E									6	
KOR	CRMS	6160.000	11	05	0424	0424	25.5		KRE	BC		A3E									6	
F	RAMBOUILLET	6160.000	17	05	1000	1100	30.0	PYONYANG BS	KRE		10K0E	A3EG							37	A		3
KOR	CRMS	6160.000	11	06	0435	0435	21.9		KRE	BC		A3E									6	
G	BALDOCK	6160.000	23	06	0240			WBCQ	USA	BC		A3E							288	B		MONTICELLO TX
HNG	TARNOK	6164.998	04	04	1700	1757	56.2	CRI	CHN	BC	9K89	A3E										
HNG	TARNOK	6164.999	04	04	1600	1657	53.8	CRI	CHN	BC	9K93	A3E										
KOR	CRMS	6165.000	10	05	0018	0018	47.6		KRE	BC		A3E									6	
F	RAMBOUILLET	6165.000	17	05	1600	1800	28.0				10K0E	A3EG							40	A		9
G	BALDOCK	6165.000	27	05	0510			RADIO HABANA CUBA	CUB	BC		A3E							279	A		BAUTA TX
KOR	CRMS	6165.000	06	06	0014	0014	45.8		KRE	BC		A3E									6	
HNG	TARNOK	6170.000	04	04	1900	2000	63.3	IBB/VOA	D	BC	9K41	A3E										
HNG	TARNOK	6175.000	04	04	2200	2257	64.0	CRI	CHN	BC	9K61	A3E										
HNG	TARNOK	6179.999	04	04	1400	1600	29.2	RADIO TAIWAN INT	CHN	BC	9K98	A3E										TWO TRANSMISSIONS
HNG	TARNOK	6180.000	04	04	0000	0200	38.3	CRI	CHN	BC	10K0	A3E										
HNG	TARNOK	6180.000	04	04	0600	0630	46.7	DEUTSCHER WETTERDIENST	D	BC	9K06	A3E										
HNG	TARNOK	6180.000	04	04	1600	1630	43.6	DEUTSCHER WETTERDIENST	D	BC	9K26	A3E										
HNG	TARNOK	6180.000	04	04	2000	2030	50.4	DEUTSCHER WETTERDIENST	D	BC	6K55	A3E										
F	RAMBOUILLET	6180.000	17	05	1200	1800	12.0	DEUTSCHER WETTERDIENS	D		10K0E	A3EG							135	A		3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	6185.000	03	04	0349			XEPPM RADIO EDUCACION	MEX	BC		A3E							285	C		MEXICO CITY TX
KOR	CRMS	6185.000	11	04	0939	0939	27.1		CHN	BC		A3E									6	
G	BALDOCK	6185.000	27	05	0515			XEPPM RADIO EDUCACION	MEX	BC		A3E							293	B		MEXICO CITY TX
HNG	TARNOK	6189.473	04	04	0000	0030	46.3	PBS XINJIANG	CHN	BC	11K0	A3E									3	
HNG	TARNOK	6189.930	04	04	1600	1800	39.2	PBS XINJIANG		BC	9K50	A3E									3	
G	BALDOCK	6190.000	03	04	0352			PBS XINJIANG	CHN	BC		A3E							63	B		URUMQI TX SITE
KOR	CRMS	6190.000	03	04	1518	1518	43.2	CNR	CHN	BC		A3E									3	
KOR	CRMS	6190.000	22	05	1620	1620	33.7	CNR	CHN	BC		A3E									3	
HNG	TARNOK	6194.998	04	04	2000	2200	52.8	IBB/VOA	BOT	BC	9K72	A3E										
HNG	TARNOK	6194.999	04	04	1700	2000	52.2	BBC	G	BC	9K06	A3E										
G	BALDOCK	6195.000	03	04	0357			BBC WORLD SERVICE	UZB	BC		A3E							75	B		TASHKENT TX
HNG	TARNOK	6195.000	04	04	0900	0940	20.6	MIKE RADIO		BC	9K99	A3E										
F	RAMBOUILLET	6195.000	17	05	1700	1900	39.0	BBC	OMA		10K0	A3EG							40	A		
G	BALDOCK	6195.000	23	06	0242			BBC WORLD SERVICE	OMA	BC		A3E							101	B		AL SEEL TX SITE
KOR	CRMS	6195.000	27	06	1819	1819	18.2		SNG	BC		A3E									6	
HNG	TARNOK	6200.000	04	04	0000	0500	40.2	PBS XIZANG	CHN	BC	10K0E	A3E										
J	TOKYO	6200.000	06	04	0133				CHN	BC		A3E	091	E	07	29	N	34	276	A		
KOR	CRMS	6200.000	06	04	2117	2117	46.2		CHN	BC		A3E									6	
KOR	CRMS	6200.000	28	05	1212	1212	44.6		CHN	BC		A3E									6	
KOR	CRMS	6200.000	11	06	2112	2112	7.3		CHN	BC		A3E									6	
J	TOKYO	6214.980	19	04	1004			SOUND OF HOPE		BC		A3E	120	E	57	23	N	15	239	B	11	TAIWAN
HNG	TARNOK	6220.000	06	04	0600	2000	33.8				3K00E	G1D										STANAG 4285
G	BALDOCK	6220.000	16	06	0110			?	I	FC		G1D	010	E	03	44	N	29	134	A		2400 BD STANAG 4285
HNG	TARNOK	6225.000	06	04	0600	2030	47.8				3K00E	G1D										STANAG 4285
G	BALDOCK	6225.000	16	06	0114			?	I	FX		G1D							134	A		STANAG 4285 SECURE
J	TOKYO	6229.950	19	04	1005			SOUND OF HOPE		BC		A3E	121	E	27	24	N	57	242	B	11	TAIWAN
G	BALDOCK	6234.000	16	06	0120			?		FX		G1D							114	A		600 LONG INTER
HNG	TARNOK	6235.800	06	04	0000	2400	25.0				3K00E	G1D										STANAG 4285
G	BALDOCK	6245.000	16	06	0126			?		MS		B7D							148	B		
J	TOKYO	6245.000	29	06	0423				KOR	BC		A3E	127	E	40	37	N	10	282	B		
HNG	TARNOK	6245.100	06	04	1500	2100	35.2				1K12	F1B										ASCII,850HZ,100BD
J	TOKYO	6250.000	06	04	0135				KOR	BC		A3E	127	E	42	37	N	53	286	A		
J	TOKYO	6250.000	19	04	1005				KOR	BC		A3E	126	E	56	37	N	23	283	B		
KOR	CRMS	6250.000	22	04	0023	0023	45.8		KRE	BC		A3E							0		11	
KOR	CRMS	6250.000	26	06	1519	1519	49.8		KRE	BC		A3E									11	
J	TOKYO	6255.000	13	04	0006				KOR	BC		A3E	127	E	08	37	N	20	283	A		
HNG	TARNOK	6256.800	08	04	0945	1550	18.8				3K00E	G1D										STANAG 4285
G	BALDOCK	6258.800	16	06	0132					FX		G1D							93	B		
G	BALDOCK	6277.000	27	06	0312			?	RUS	FX		P0N							38	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	6279.970	19	04	1006			SOUND OF HOPE		BC		A3E	120	E	26	23	N	38	241	B	11	TAIWAN
KOR	CRMS	6280.000	11	04	0940	0940	7.0		CHN	BC		A3E							50		11	
KOR	CRMS	6280.000	03	05	0946	0946	27.3		CHN	BC		A3E									11	
HNG	TARNOK	6283.800	08	04	0530	0710	22.4				3K00E	G1D										
HNG	TARNOK	6289.500	08	04	0530	0650	29.4				2K70E	J3E										USB
HNG	TARNOK	6289.500	08	04	1450	1510	15.5				2K70E	J3E										USB
HNG	TARNOK	6319.000	10	04	1800	2400	27.8				315H	F1B										200HZ,75BD
J	TOKYO	6322.000	06	04	0139														340	A		
J	TOKYO	6326.000	13	04	0025			XSG				F1B	116	E	43	29	N	17	259	B		
J	TOKYO	6326.000	29	06	0506			XSG		FC		F1B										
G	BALDOCK	6328.000	27	06	0301			?	NOR	FX		F1B							33	B		
G	BALDOCK	6349.800	16	06	0141			?		FX		G1D							92	B		
G	BALDOCK	6349.800	27	06				?	F	FC		G1D							218	A		
J	TOKYO	6350.060	19	04	1007								125	E	52	39	N	18	292	B		
J	TOKYO	6355.030	19	04	1007				KOR	BC		A3E	126	E	54	37	N	08	282	B		
J	TOKYO	6355.030	22	06	0623				KOR	BC		A3E	127	E	03	37	N	16	282	B		
HNG	TARNOK	6362.500	12	04	0000	0320	23.4				3K00E	G1D										STANAG 4285
HNG	TARNOK	6366.474	12	04	0700	1755	31.2				1K00E	F1B										MORSE
J	TOKYO	6378.000	06	04	0141			TP4C				A1A	123	E	39	42	N	04	302	A		
J	TOKYO	6378.000	13	04	0027			TP4C				A1A	122	E	55	42	N	20	302	B		
J	TOKYO	6378.000	22	06	0626			TP4C				A1A							299	D		
J	TOKYO	6378.000	29	06	0427			TP4C				A1A	124	E	14	41	N	54	301	B		
G	BALDOCK	6383.005	27	06	0245			?	I	FX		F1B							142	A		SECURE
HNG	TARNOK	6386.500	12	04	0000	2400	23.2				3K00E	G1D										STANAG 4285
G	BALDOCK	6390.000	27	06	0225			?	I	FC		G1D							135	A		ROME AREA
HNG	TARNOK	6407.800	14	04	0000	2400	46.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	6414.500	14	04	0000	2400	39.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	6425.000	14	04	0000	2400	27.3				3K00E	G1D										STANAG 4285
HNG	TARNOK	6431.800	14	04	0000	2400	43.8				1K02	F1B										850HZ 50BD
HNG	TARNOK	6441.000	14	04	0000	2400	44.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	6450.000	14	04	0000	0600	26.9				3K00E	G1D										STANAG 4285
HNG	TARNOK	6458.000	16	04	0000	2400	34.3	RETJ	E	FC	3K00E	G1D										STANAG 4285
G	BALDOCK	6461.300	28	06	0315			?		FX		G1D							210	A		
HNG	TARNOK	6475.000	16	04	0000	2400	36.8				3K00E	G1D										STANAG 4285
HNG	TARNOK	6480.000	16	04	0800	0830	22.7				375H	F1B										250HZ,75BD
G	BALDOCK	6483.000	28	06	0308			?	DNK	FX		G1D							43	A		
HNG	TARNOK	6487.000	16	04	0000	0600	23.0				1K05	F1B										850HZ,75BD
G	BALDOCK	6487.000	27	06	0329			?		FX		F1B							287	A		
HNG	TARNOK	6493.800	16	04	0000	2400	36.5				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
HNG	TARNOK	6500.000	16	04	0000	2400	30.3	PBC	HOL	MS	3K00E	G1D										STANAG 4285
HNG	TARNOK	6500.000	18	04	0330	1000	33.1				3K00E	G1D										STANAG 4285
J	TOKYO	6519.970	13	04	0033				KRE				125	E	52	38	N	51	290	B		
J	TOKYO	6519.970	19	04	1009					BC		A3E										
J	TOKYO	6519.970	22	06	0632				KOR	BC		A3E	126	E	38	37	N	31	285	B		
KOR	CRMS	6520.000	24	04	1520	1520	34.7		KRE	BC		A3E							39		11	
KOR	CRMS	6520.000	20	05	0025	0025	20.7		KRE	BC		A3E									11	
KOR	CRMS	6520.000	26	06	1519	1519	63.9		KRE	BC	8K68E	A3E									11	
J	TOKYO	6520.200	29	06	0432				KRE				126	E	16	40	N	14	294	B		
G	BALDOCK	6530.440	11	04	0140			?		MA		J1D							116	B		
HNG	TARNOK	6530.500	18	04	0000	0400	20.2				3K00E	G1D										HF-ACARS
HNG	TARNOK	6536.500	18	04	0000	0500	11.1				3K00E	G1D										HF-ACARS
G	BALDOCK	6540.000	11	04	0150			?		MS		J3E							247	B		FRENCH FISHERMEN
G	BALDOCK	6586.000	11	04	0151			(NEW YORK)	USA	FD		J3E							284	A		NEW YORK ATC CONTROL
G	BALDOCK	6586.000	27	06	0320			(NEW YORK)	USA	FD		J3E							284	A		NEW YORK ATC CONTROL
KOR	CRMS	6600.000	27	04	0430	0430	44.2		KRE	BC		A3E							39		11	
KOR	CRMS	6600.000	18	05	0435	0435	30.0		KRE	BC		A3E									11	
J	TOKYO	6600.000	22	06	0642				KRE				126	E	33	39	N	25	292	B		
J	TOKYO	6600.000	29	06	0438				KOR	BC		A3E	127	E	00	37	N	31	284	B		
J	TOKYO	6600.400	29	06	0435				KRE				125	E	27	39	N	59	295	B		
G	BALDOCK	6604.000	11	04	0153			GANDER VOLMET	CAN	FD		J3E							286	B		VOLMET
HNG	TARNOK	6604.000	22	04	2000	2400	19.5	CANDER VOLMET	CAN	FD	2K70E	J3E										USB
HNG	TARNOK	6607.000	22	04	1800	2400	21.3	4XZ	ISR	FC	100HE	A1B										CW
HNG	TARNOK	6617.000	22	04	1825	1930	23.1		RUS	FX	2K70E	J3E										USB
HNG	TARNOK	6619.500	22	04	0000	0600	32.3				3K00E	G1D										STANAG 4285
G	BALDOCK	6622.000	11	04	0200			?		FL		P0N							71	A		40HZ SWEEP RATE
G	BALDOCK	6640.000	11	04	0201			NEW YORK	USA	FX		J3E							284	C		
HNG	TARNOK	6645.000	22	04	1828	1840	15.4				2K70E	J3E										LSB
HNG	TARNOK	6655.000	24	04	0850	2005	20.5				2K50	J3E										LSB
HNG	TARNOK	6665.000	24	04	0700	0715	28.5				2K40	J3E										LSB
HNG	TARNOK	6675.000	24	04	1850	2000	24.0				2K60	J3E										LSB
HNG	TARNOK	6685.000	24	04	1430	1910	28.5				2K80	J3E										LSB
HNG	TARNOK	6693.000	24	04	1445	2022	34.2				2K60	J3E										USB
HNG	TARNOK	6724.000	26	04	1800	2400	31.1				3K00E	G1D										STANAG 4285
G	BALDOCK	6724.400	23	06	1938			?	NOR	FC		G1D							24	A		256 ELEMENT FRAME
G	BALDOCK	6754.000	04	06	0328			TRENTON MILITARY	CAN	FX		J3E							288	A		VOLMET
HNG	TARNOK	6764.383	28	04	0000	2400	21.4				3K00E	G1D										STANAG 4285
D	KREFELD	6773.000	14	04	0755	0835			RUS	FX	100H	G1D							66			
D	KREFELD	6773.000	14	04	1155	1235			RUS	FX	100H	G1D							66			

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	6775.000	22	06	0656				CHN			A1A	119	E	39	35	N	59	276	B		
HNG	TARNOK	6779.605	28	04	0000	2400	33.3				3K00E	G1D										STANAG 4285
D	KREFELD	6779.800	13	04	0000	2400				FX	2K30	G1D							9			N SEA
D	KREFELD	6783.000	13	04	0000	2115			G	FX	3K00	G1D							267			PORTSMOUTH
HNG	TARNOK	6783.000	28	04	0830	1700	18.3				3K00E	G1D										STANAG 4285
D	KREFELD	6787.800	13	04	0806	1748			G	FX	3K00	G1D							297			LANCASHIRE
HNG	TARNOK	6788.000	28	04	0900	1800	18.4				3K00E	G1D										STANAG 4285
J	TOKYO	6788.990	06	04	0152							F1B	132	E	55	43	N	01	325	A		
J	TOKYO	6789.000	13	04	0050				RUS			F1B	132	E	46	42	N	55	323	A		
J	TOKYO	6789.000	19	04	1021				RUS			F1B	132	E	22	43	N	26	324	B		
J	TOKYO	6789.000	22	06	0713				RUS				132	E	39	43	N	00	323	B		
D	KREFELD	6800.000	12	04	0805	0900			POL	FX	700H	F1B							91			
HNG	TARNOK	6800.000	28	04	0846	2400	37.7				600HE	F1B										500HZ 100BD
HNG	TARNOK	6807.000	30	04	0000	2400	26.6				3K00E	G1D										STANAG 4285
G	BALDOCK	6807.000	04	06	0355			?	CYP	FX		G1D							111	A		2400 BD STANAG4285
D	KREFELD	6809.879	13	04	0000	2400			POL	FX	100H	G1D							68			
D	KREFELD	6825.000	13	04	0935	1528		FAV22	F	FX	100H	A1A							235			VERNON
HNG	TARNOK	6825.000	30	04	0000	0230	28.0	FAV 22	F	FX	100HE	A1B										CW
HNG	TARNOK	6827.000	30	04	0000	0250	18.3				280H	F1B										200HZ,50BD
D	KREFELD	6830.000	14	04	0845	1210			RUS	FX	700H	F1B							64			
G	BALDOCK	6840.000	11	04	0220			?	CAN	FB		XXX							297	B		UNID MODEM 50K BW
D	KREFELD	6841.000	12	04	0800	1755			UKR	FX	400H	F1B							98			
HNG	TARNOK	6841.000	30	04	0800	2055	16.3				300H	F1B										200HZ,50BD, ASCII
J	TOKYO	6850.120	19	04	1026			SOUND OF HOPE		BC		A3E	120	E	41	23	N	23	240	B	11	TAIWAN
J	TOKYO	6860.000	06	04	0154				CHN				120	E	30	28	N	18	252	B		
J	TOKYO	6865.120	19	04	1026			SOUND OF HOPE		BC		A3E	120	E	52	24	N	14	241	B	11	TAIWAN
D	KREFELD	6870.000	19	04	0905	1202			RUS	FX	700H	F1B							73			
J	TOKYO	6895.000	13	04	0055				KRE				126	E	28	38	N	59	291	B		
D	BERLIN	6895.000	23	04	0000	2400			HOL	FX	2K60	G1D							265			
HNG	TARNOK	6895.000	02	05	0600	2400	30.4				3K00E	G1D										STANAG 4285
J	TOKYO	6899.990	19	04	1027			SOUND OF HOPE		BC		A3E	121	E	02	23	N	06	238	B	11	TAIWAN
KOR	CRMS	6900.000	03	04	1520	1520	17.1		CHN	BC		A3E							50		11	
KOR	CRMS	6900.000	09	05	0935	0935	29.8		CHN	BC		A3E									11	
KOR	CRMS	6900.000	06	06	0914	0914	28.3		CHN	BC		A3E									11	
G	BALDOCK	6920.800	27	06	0249			?		FX		J7D							90	B		
D	KREFELD	6928.000	21	04	0115	1134			E	FX	3K40	G1D							214			
D	KREFELD	6931.650	19	04	1257	1400			RUS	FX	3K30	R7B							63			KALININGRAD
HNG	TARNOK	6935.999	04	05	1700	2400	17.9	SAQC			100HE	A1B										
D	KREFELD	6942.600	23	04	0000	2400			USA	FX	100H	A1A							288			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KREFELD	6965.800	27	04	0515	1230			RUS	FX	3K00	R7B							63			KALININGRAD
J	TOKYO	6969.910	19	04	1027			SOUND OF HOPE		BC		A3E	121	E	14	23	N	47	240	B	11	TAIWAN
J	TOKYO	6970.000	06	04	0158				CHN				120	E	48	28	N	17	254	B		
KOR	CRMS	6970.000	08	04	0059	0059	18.8		CHN	BC		A3E							50		11	
KOR	CRMS	6970.000	03	05	0947	0947	39.6		CHN	BC		A3E									11	
KOR	CRMS	6970.000	08	06	1227	1227	19.5		CHN	BC		A3E									11	
G	BALDOCK	6973.000	27	06	0227			?	RUS	FX		F1B							37	C		200HZ SHIFT
D	KREFELD	6988.000	27	04	0450	1220			POL	FX	100H	A1A							71			
J	TOKYO	7039.200	06	04	0201			F				A1A							324	A		
J	TOKYO	7039.400	06	04	0201			M				A1A							358	B		
HNG	TARNOK	7055.000	10	05	0500	1120	21.0				3K00E	J3E										LSB
INS	MSTM-MEDAN	7130.000	27	05	0220	0230	34.0	Unknown		FX	2K00E	J3E										KOMRAD
HNG	TARNOK	7157.000	14	05	0740	0803	17.8	IZ1MLC	I	AT	2K70E	J3E										LSB
J	TOKYO	7157.420	22	06	0734				KRE			F1B	125	E	54	39	N	08	291	B		
KOR	CRMS	7205.000	03	04	1520	1520	13.3	CNR	CHN	BC		A3E									3	
G	BALDOCK	7205.000	06	05	0210			PBS XINJIANG	CHN	BC		A3E	086	E	53	44	N	08	64	B		URUMQI TX SITE
HNG	TARNOK	7205.000	16	05	0000	0200	23.5	PBS XINJIANG	CHN	BC	10K0E	A3E										
HNG	TARNOK	7205.000	16	05	0200	0600	19.5	RADIO SUDAN	SDN	BC	9K30	A3E										
HNG	TARNOK	7205.000	16	05	1900	2157	45.7	CRI	CHN	BC	11K4	A3E										
G	BALDOCK	7205.000	06	06	0430			RADIO OMDURAN SUDAN	SDN	BC		A3E							130	A		AL AITAHAB TX SITE
G	BALDOCK	7205.000	07	06	2000			CHINA RADIO INTERNATIONAL	CHN	FX		A3E							52	A		
KOR	CRMS	7210.000	01	04	0024	0024	47.3	CNR	CHN	BC		A3E									3	
KOR	CRMS	7210.000	12	04	0926	0926	26.5		CHN	BC	7K85E	A3E									6	
G	BALDOCK	7210.000	06	05	0212			VOICE OF VIETNAM	VTN	BC		A3E	108	E	03	12	N	41	66	C		DACLAC TX SITE
HNG	TARNOK	7210.000	16	05	1800	1857	63.7	CRI	CHN	BC	5K90	A3E										
KOR	CRMS	7210.000	04	06	1206	1206	40.9	CNR	CHN	BC		A3E									3	
HNG	TARNOK	7215.000	16	05	1700	1757	42.9	CRI	CHN	BC	9K70	A3E										
HNG	TARNOK	7215.000	16	05	1900	2000	57.4	CRI	CHN	BC	11K0	A3E										
HNG	TARNOK	7215.000	16	05	2200	2257	29.9	CRI	CHN	BC	11K6	A3E										
INS	MSTM-MEDAN	7215.000	27	05	0340	0350	34.0	Unknown		FX	2K00E	J3E										KOMRAD
G	BALDOCK	7215.000	07	06	2005			CRI	CHN	BC		A3E							47	A		Beijing Tx
KOR	CRMS	7220.000	01	04	0926	0926	67.1		KRE	BC		A3E									6	
G	BALDOCK	7220.000	06	05	0216			CNR2	CHN	BC		A3E							64	B		GOLMUD TX SITE
HNG	TARNOK	7220.000	16	05	0000	0600	21.0	CNR		BC	10K0E	A3E										
KOR	CRMS	7220.000	16	05	0921	0921	26.8		KRE	BC		A3E									6	
F	RAMBOUILLET	7220.000	18	05	1600	1700	28.0	VOICE OF VIETNAM	VTN		10K0	A3EG							55	A		
KOR	CRMS	7220.000	12	06	0617	0617	-1.3		VTN	BC		A3E									6	
KOR	CRMS	7220.000	13	06	0925	0925	17.4		KRE	BC		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	7225.000	16	05	1900	2000	69.0	IBB/VOA	D	BC	9K90	A3E										
HNG	TARNOK	7225.000	16	05	1900	2000	69.0	IBB/VOA	D	BC	9K94	A3E										
F	RAMBOUILLET	7225.000	20	05	0400	0600	26.0	VOA	STP		10K0E	A3EG -							160	A		3
G	BALDOCK	7225.000	07	06	2007			VOICE OF AMERICA	D	BC		A3E							109	A		BIBLIS TX SITE
HNG	TARNOK	7230.000	16	05	0000	0600	23.9	CNR		BC	10K0E	A3E										
HNG	TARNOK	7230.000	16	05	1700	1804	40.5	CNR	CHN	BC	12K6	A3E										
HNG	TARNOK	7230.000	16	05	2330	2400	42.2	PBS XIJANG	CHN	BC	10K6	A3E										
F	RAMBOUILLET	7230.000	19	05	1227	1232	10.0				30K0E	PXX									9	OTHR
F	RAMBOUILLET	7230.000	19	05	1400	1730	32.0	CNR	CHN		10K0	A3EG -							57	A		
KOR	CRMS	7230.000	20	05	1118	1118	5.2		CHN	BC		A3E									6	
KOR	CRMS	7230.000	23	05	0910	0910	23.6		KRE	BC		A3E									6	
G	BALDOCK	7230.000	04	06	1723			CNR1 VOICE OF CHINA	CHN	BC		A3E	108	E	40	34	N	24	52	B		XIANYANG TX SITE
KOR	CRMS	7230.000	10	06	0910	0910	37.6		KRE	BC		A3E									6	
F	RAMBOUILLET	7235.000	19	05	1400	1800	35.0	CRI	CHN		10K0	A3EG -							53	A		
KOR	CRMS	7235.000	04	06	2115	2115	64.0		KRE	BC		A3E									6	
G	BALDOCK	7235.000	07	06	2018			VOICE OF ISLAMIC REPUBLIC IRAN	IRN	BC		A3E							97	D		SIRJAN TX SITE
G	BALDOCK	7240.000	06	05	0229			PBS XIZANG	CHN	BC		A3E							71	A		LHASA TX SITE
HNG	TARNOK	7240.000	16	05	0100	0157	24.6	CRI	CHN	BC	9K00	A3E										
HNG	TARNOK	7240.000	16	05	1700	1800	36.0	PBS XIZANG	CHN	BC	11K8	A3E										
F	RAMBOUILLET	7240.000	19	05	1500	1800	57.0	SAUDI RADIO	ARS		10K0	A3EG -							104	A		
KOR	CRMS	7245.000	11	04	0941	0941	22.3		CHN	BC		A3E									6	
KOR	CRMS	7245.000	12	04	0930	0930	23.5		NZL	BC		A3E									6	
KOR	CRMS	7245.000	03	05	0949	0949	42.3		NZL	BC		A3E									6	
G	BALDOCK	7245.000	06	05	0232			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	A		KASHI-SAIBAGH TX SITE
HNG	TARNOK	7245.000	16	05	0400	0600	16.0	VOICE OF TAJIK	TJK	BC	9K00	A3E										
HNG	TARNOK	7245.000	16	05	1800	1857	78.3	ROR	ROU	BC	9K00E	W7E										DRM
HNG	TARNOK	7245.000	16	05	1900	2057	48.8	CRI	CHN	BC	11K5	A3E										
F	RAMBOUILLET	7245.000	19	05	0700	1100	20.0	NEW ZEALAND RADIO	NZL		10K0E	A3EG -							67	A		3
F	RAMBOUILLET	7245.000	19	05	1400	1800	37.0	CRI	CHN		10K0	A3EG -							54	A		
F	RAMBOUILLET	7245.000	19	05	1600	1800	52.0	RRI	ROU		10K0E	D7W							53	A		3
KOR	CRMS	7245.000	10	06	0910	0910	37.1		CHN	BC		A3E									6	
KOR	CRMS	7245.000	11	06	1219	1219	10.4		NZL	BC		A3E									6	
HNG	TARNOK	7249.999	18	05	2200	2400	69.3	CRI	CHN	BC	9K96	A3E										
HNG	TARNOK	7250.000	16	05	0030	0100	39.0	BBC	AUT	BC	8K50	A3E										
HNG	TARNOK	7250.000	16	05	0100	0130	36.1	BBC	AUT	BC	8K50	A3E										
HNG	TARNOK	7250.000	16	05	0130	2000	39.6	BBC	AUT	BC	8K50	A3E										
HNG	TARNOK	7250.000	16	05	2200	2400	66.0	CRI	CHN	BC	10K7	A3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
F	RAMBOUILLET	7250.000	19	05	1300	1600	34.0	CRI	CHN		10K0E	A3EG							55	A	6	
INS	MSTM-MEDAN	7250.000	27	05	0430	0440	34.0	BBC	AUT	BC	5K00E	A3E										Broadcast
HNG	TARNOK	7255.000	18	05	1600	1800	24.9	PBS XIZANG	CHN	BC	10K0E	A3E										
G	BALDOCK	7255.000	07	06	2020			CHINA RADIO INTERNATIONAL (IN TURKISH)	CHN	BC		A3E							64	A		KUNMING TX SITE
HNG	TARNOK	7255.001	18	05	1900	2100	46.1	CRI	CHN	BC	9K12	A3E										
G	BALDOCK	7260.000	06	05	0245			R.VANUATU	VUT	BC		A3E							20	C		
HNG	TARNOK	7260.000	18	05	0050	0158	52.8	TRT	TUR	BC	10K8	A3E										
HNG	TARNOK	7260.000	18	05	1600	1800	27.0	PBS XINJIANG	CHN	BC	10K0E	A3E										
HNG	TARNOK	7260.000	18	05	2200	2300	66.8	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	7260.017	18	05	0000	0400	37.6	PBS XIJANG	CHN	BC	11K6	A3E									3	
KOR	CRMS	7265.000	08	04	1811	1811	13.1		CHN	BC		A3E									6	
KOR	CRMS	7265.000	10	05	1833	1833	30.9		MDG	BC		A3E									6	
HNG	TARNOK	7265.000	18	05	1700	1800	57.3	CRI	CHN	BC	9K96	A3E										
HNG	TARNOK	7265.000	18	05	2000	2130	61.8	CRI	CHN	BC	9K96	A3E										
INS	MSWR-MERAUKE	7265.000	27	05	2310	2325	5.0	CNR 2 China Business Radio	CHN	BC	6K00E	A3E										
G	BALDOCK	7265.000	07	06	2021			BBC WS	MDG	BC		A3E							135	C		***NOT FOR IFRB***
HNG	TARNOK	7265.001	18	05	1800	2000	40.0	BBC	MDG	BC	9K98	A3E										
G	BALDOCK	7275.000	06	05	0305			?	TUR	BC		A3E							98	B		
G	BALDOCK	7275.000	16	05	0430			PBS XINJIANG	CHN	BC		A3E							62	B		
HNG	TARNOK	7275.000	18	05	1600	1800	30.0	KBS WORLD RADIO	KOR	BC	10K0E	A3E										
HNG	TARNOK	7275.000	18	05	2300	2400	41.9	PBS XINJIANG	CHN	BC	9K81	A3E										
G	BALDOCK	7275.000	23	05	1820			CNR 1	CHN	BC		A3E	116	E	27	39	N	57	44	B		BEIJING TX SITE
KOR	CRMS	7275.000	07	06	0932	0932	51.5	CNR	CHN	BC		A3E									3	
HNG	TARNOK	7275.001	18	05	1730	1830	52.2	CRI	CHN	BC	9K77	A3E										
HNG	TARNOK	7275.036	18	05	0000	0400	31.3	PBS XIJANG	CHN	BC	11K8	A3E									3	
HNG	TARNOK	7279.594	18	05	0030	0130	43.7	IBB/RFA	USA	BC	10K7	A3E										
KOR	CRMS	7280.000	07	05	1242	1242	50.6		CHN	BC		A3E									6	
HNG	TARNOK	7284.996	18	05	1300	1400	21.8	CRI	CHN	BC	10K0E	A3E										
G	BALDOCK	7285.000	06	05	0310			VOICE OF THE ISLAMIC REPUBLIC OF IRAN	IRN	BC		A3E							97	A		
HNG	TARNOK	7285.000	18	05	2000	2200	62.4	CRI	CHN	BC	9K92	A3E										
F	RAMBOUILLET	7285.000	21	05	1300	1400	28.0	CRI	CHN		10K0	A3EG							46	A		
HNG	TARNOK	7285.116	18	05	0130	0600	35.7	IRB	IRN	BC	11K7	A3E									3	
HNG	TARNOK	7289.999	18	05	1800	1900	55.9	ANT	I	BC	9K59	A3E										
J	TOKYO	7290.000	22	04	2100			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	7290.000	18	05	2123	2123	37.3		CHN	BC		A3E									6	
F	RAMBOUILLET	7290.000	21	05	1645	2000	58.0	VO ISLAMIC IRAN	IRN		10K0E	A3EG							94	A	3	
G	BALDOCK	7290.000	23	05	1731			CNR1	CHN	BC		A3E	116	E	27	39	N	57	44	B		BEIJING TX SITE

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	7290.001	18	05	1649	1749	60.0	IRB	IRN	BC	9K03	A3E										
G	BALDOCK	7291.000	16	05	0433			?	UKR	FX		F1B							92	C		
HNG	TARNOK	7291.000	18	05	0000	1650	30.4				300H	F1B									13	200HZ,50BD
HNG	TARNOK	7295.000	18	05	0515	0558	46.0	R. ALGERIENNE	F	BC	9K61	A3E										
G	BALDOCK	7295.000	07	06	2022			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							64			KASHI-SAIBAGH TX SITE
HNG	TARNOK	7295.001	18	05	1900	2100	57.6	CRI	CHN	BC	9K86	A3E										
HNG	TARNOK	7300.000	18	05	2200	2300	66.6	CRI	CHN	BC	9K47	A3E										
HNG	TARNOK	7300.000	20	05	1530	1700	52.0		CHN	BC	10K0E	A3E										
HNG	TARNOK	7300.000	20	05	2200	2400	50.6	CRI	CHN	BC	10K0E	A3E										
F	RAMBOUILLET	7300.000	21	05	1500	1900	43.0	CNR	CHN		10K0E	A3EG							51	A	3	
G	BALDOCK	7300.000	23	05	1803			VOICE OF IRAN	IRN	BC		A3E							97	B		Sirjan Transmitter Site
G	BALDOCK	7300.000	04	06	1725			RADIO TAIWAN INTERNATIONAL		BC		A3E							53	C		TAIWAN
HNG	TARNOK	7300.015	20	05	1719	1820	64.2	IRB	IRN	BC	10K0E	A3E									3	
KOR	CRMS	7305.000	06	04	2121	2121	38.9		CHN	BC		A3E									6	
INS	MSTM-MEDAN	7305.000	27	05	0520	0530	28.0	VOICE OFF AMERICA	THA	BC	5K00E	A3E										Broadcast
HNG	TARNOK	7305.125	20	05	2000	2057	65.1	CRI	CHN	BC	15K0E	A3E									3	
HNG	TARNOK	7309.678	20	05	1620	1800	31.2	PBS XINJIANG		BC	10K0	A3E									3	
KOR	CRMS	7310.000	01	04	1825	1825	24.5		CHN	BC		A3E									6	
KOR	CRMS	7310.000	02	05	0944	0944	37.6		CHN	BC		A3E									6	
G	BALDOCK	7310.000	06	05	0319			PBS XINJIANG	CHN	BC		A3E							70	C		
KOR	CRMS	7310.000	10	05	0921	0921	26.4		PHL	BC		A3E									6	
HNG	TARNOK	7310.000	20	05	0000	0130	26.5	PBS XINJIANG	CHN	BC	10K0E	A3E										
INS	MSTM-MEDAN	7310.000	27	05	0530	0540	34.0	SOH Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E										Broadcast
HNG	TARNOK	7314.883	20	05	1600	1657	26.8	CRI	CHN	BC	10K3	A3E									3	
HNG	TARNOK	7314.974	20	05	1730	1827	54.0	CRI	CHN	BC	10K3	A3E									3	
G	BALDOCK	7315.000	16	05	0436			RADIO TAMAZUJ	F	BC		A3E							141	C		ISSOUDUN TX SITE
HNG	TARNOK	7315.000	20	05	2000	2027	68.3	RRO	ROU	BC	10K0E	W7E										DRM
HNG	TARNOK	7315.000	20	05	2030	2057	68.3	RRO	ROU	BC	10K0E	W7E										DRM
HNG	TARNOK	7315.000	20	05	2100	2400	46.2	CNR	CHN	BC	10K0E	A3E										
HNG	TARNOK	7315.002	20	05	0330	0427	30.1	RADIO TAMAZUJ	CVA	BC	10K0E	A3E										
J	TOKYO	7325.000	01	04	1300			CHINA R.I.	CHN	BC		A3E										
HNG	TARNOK	7325.000	20	05	0530	0557	66.9	RRO	ROU	BC	10K0E	W7E										DRM
HNG	TARNOK	7325.000	20	05	0600	0627	66.3	RRO	ROU	BC	10K0E	W7E										DRM
HNG	TARNOK	7325.000	20	05	1600	1657	48.6	CRI	CHN	BC	10K3	A3E										
G	BALDOCK	7325.000	04	06	1732			CHINA RADIO INTERNATIONAL	CHN	BC		A3E	102	E	50	22	N	10	68	B		KUMING TX SITE
HNG	TARNOK	7325.001	20	05	2030	2130	54.2	IBB/VOA	STP	BC	8K00	A3E										
HNG	TARNOK	7325.285	20	05	2000	2027	64.4	CRI	CHN	BC	10K8	A3E									3	
G	BALDOCK	7330.000	06	05	0312			VO ISLAMIC REP IRAN	IRN	BC		A3E							95	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	7335.000	06	05	0336			RADIO MARTI	USA	BC		A3E							284	B		
HNG	TARNOK	7335.000	20	05	0000	0400	35.6	IBB/R.MARTI	USA	BC	10K0E	A3E										
HNG	TARNOK	7335.000	20	05	2000	2100	64.5	CRI	CHN	BC	10K0	A3E										
HNG	TARNOK	7335.000	20	05	2100	2300	56.8	CRI	CHN	BC	10K0	A3E										
HNG	TARNOK	7340.000	20	05	1800	1857	47.7	CRI	CHN	BC	10K0	A3E										
G	BALDOCK	7340.000	23	05	1741			PBS XINJIANG	CHN	BC		A3E							60	B		
INS	MSTM-MEDAN	7340.000	27	05	0000	2400	28.0	PBS XINJIANG		BC	5K00E	A3E										Broadcast
HNG	TARNOK	7340.001	20	05	1610	1800	50.0	PBS XINJIANG		BC	10K0	A3E										
HNG	TARNOK	7345.000	20	05	2030	2130	63.9	CRI	CHN	BC	15K0E	A3E										
HNG	TARNOK	7345.001	20	05	1619	1719	65.0	IRB	IRN	BC	10K0	A3E										
HNG	TARNOK	7349.864	22	05	1830	2027	57.5	CRI	CHN	BC	11K0	A3E									3	
HNG	TARNOK	7349.929	22	05	2155	2400	27.2	CNR11	CHN	BC	11K0	A3E									3	
D	BERLIN	7350.000	26	04	1258	1605		C.N.R.1	CHN	BC	10K0E	A3E							70			BAOJI
HNG	TARNOK	7350.000	20	05	0000	0057	62.5	CRI	CHN	BC	9K56	A3E										
HNG	TARNOK	7350.000	20	05	1830	2027	57.1	CRI	CHN	BC	15K0E	A3E										
HNG	TARNOK	7350.000	22	05	0000	0057	55.7	RMT	CHN	BC	10K0E	A3E										
G	BALDOCK	7350.000	07	06	2024			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							71	B		KASHI-SAIBAGH TX SITE
HNG	TARNOK	7354.931	22	05	1530	1830	36.5	BBC	G	BC	10K7	A3E									3	
KOR	CRMS	7355.000	04	05	1226	1226	47.6		USA	BC		A3E									6	
HNG	TARNOK	7359.325	22	05	1730	1828	59.8	TRT	TUR	BC	9K50	A3E									3	
HNG	TARNOK	7359.810	22	05	1600	1700	35.5	VAT	CVA	BC	10K3	A3E									3	
HNG	TARNOK	7359.862	22	05	2000	2130	54.6	VAT	CVA	BC	10K9	A3E									3	
D	BERLIN	7360.000	26	04	1125	1530		C.R.I.	CHN	BC	10K0E	A3E							73			KUNMING
G	BALDOCK	7360.000	06	05	0345			BBC WORLD SERVICE	BUL	BC		A3E							110	A		BULKOSTINBRO TX SITE
J	TOKYO	7360.000	22	06	0741				CHN	BC		D7W	123	E	57	47	N	11	318	B		
J	TOKYO	7360.000	29	06	0451				CHN	BC		D7W	124	E	28	47	N	05	319	A		
HNG	TARNOK	7360.005	22	05	0100	0158	54.9	TRT	TUR	BC	10K5	A3E										
HNG	TARNOK	7364.838	22	05	1600	1804	21.8	CNR1	CHN	BC	8K90	A3E									3	
HNG	TARNOK	7364.880	22	05	1900	2100	33.8	IBB/VOA	USA	BC	11K1	A3E									3	
D	KREFELD	7365.000	26	04	1200	1805		C.N.R.1	CHN	BC	10K0E	A3E							51			SHIJIAZHUANG
G	BALDOCK	7365.000	06	05	0348			RADIO MARTI	USA	BC		A3E							283	A		
HNG	TARNOK	7365.000	22	05	0000	0300	37.4	RMT	USA	BC	9K86	A3E										
G	BALDOCK	7365.000	23	05	1726			CNR 1 VOICE OF CHINA	CHN	BC		A3E							46	B		
KOR	CRMS	7365.000	24	05	1950	1950	49.1		THA	BC		A3E									6	
HNG	TARNOK	7365.017	22	05	0645	1200	19.3	HCJB	D	BC	10K6	A3E									3	
HNG	TARNOK	7369.734	22	05	2055	2300	41.0	CNR3	CHN	BC	10K0	A3E									3	
HNG	TARNOK	7369.944	22	05	1700	1757	60.3	RRO	ROU	BC	6K87	A3E									3	
D	KREFELD	7370.000	26	04	1300	1605		CHINA BUSINESS	CHN	BC	10K0E	A3E							50			BEIJING
G	BALDOCK	7370.000	06	05	0301			VOIRI	IRN	BC		A3E							96	B		SIRJAN TX SITE

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	7370.103	22	05	1800	1820	63.5			BC	5K94	A3E									3	
D	KREFELD	7373.000	26	04	0300	0800			UKR	FX	400H	F1B							100			
HNG	TARNOK	7373.000	22	05	1822		29.9			BC	290H	A3E									11	200HZ,50BD
G	BALDOCK	7373.005	06	05	0343			?	UKR	FX		F1B							94	B		ODESSA TX SITE
HNG	TARNOK	7374.967	22	05	2200	2230	37.9	IBB/VOA	USA	BC	10K4	A3E									3	
D	KREFELD	7375.000	26	04	1200	1605		CHINA BUSINESS	CHN	BC	10K0E	A3E							53			BEIJING
KOR	CRMS	7375.000	20	05	1120	1120	14.5		CHN	BC		A3E									6	
HNG	TARNOK	7375.000	22	05	0000	0357	36.6	RRO	ROU	BC	10K9	A3E										
HNG	TARNOK	7375.000	22	05	0400	0500	51.1	IBB/VOA	G	BC	8K50	A3E										
G	BALDOCK	7380.000	23	05	1720			CHINA RADIO INT	CHN	BC		A3E							119	A		GERMAN LANGUAGE
HNG	TARNOK	7380.195	22	05	1600	1757	44.5	CRI	CHN	BC	9K95	A3E									3	
HNG	TARNOK	7384.987	22	05	1900	1957	66.7	CRI	CHN	BC	10K6	A3E									3	
D	ITZEHOE	7385.000	26	04	0930	1805		PBS XIZANG	CHN	BC	10K0E	A3E							79			LHASA
G	BALDOCK	7385.000	06	05	0359			ADVENTIST WORLD RADIO	AUT	BC		A3E							104	A		
G	BALDOCK	7385.000	23	05	1730			PBS XIZANG (CNR11)	CHN	BC		A3E	091	E	15	29	N	39	70	B		LHASA-BAIDING TX
G	BALDOCK	7385.000	07	06	2035			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							73	A		KASHI-SAIBAGH TX SITE
HNG	TARNOK	7385.001	22	05	0000	0157	21.2	PBS XIZANG	CHN	BC	11K3	A3E										
HNG	TARNOK	7385.002	22	05	0200	0300	40.9	AWR	AUT	BC	10K0	A3E										
HNG	TARNOK	7385.016	22	05	1600	1804	33.3	PBS XIZANG	CHN	BC	11K1	A3E									3	
HNG	TARNOK	7385.176	22	05	2055	2300	34.6	PBS XIZANG	CHN	BC	10K6	A3E									3	
HNG	TARNOK	7390.008	22	05	2000	2100	64.5	CRI	CHN	BC	9K41	A3E										
J	TOKYO	7395.000	01	04	1400			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	7395.000	22	04	1400			CHINA R.I.	CHN	BC		A3E										
D	BERLIN	7395.000	26	04	1400	1500		C.R.I.	CHN	BC	10K0E	A3E							63			XIANYANG
G	BALDOCK	7395.000	06	05	0223			FEBA VOICE OF PAKISTAN	PAK	BC		A3E							103	B		AL DHABBIYA SITE UAE
G	BALDOCK	7395.000	07	06	2038			CHINA RADIO INTERNAIONAL	CHN	BC		A3E							73	B		KASHI SAIBAGH
HNG	TARNOK	7395.027	22	05	1600	1657	48.0	CRI	CHN	BC	9K47	A3E									3	
HNG	TARNOK	7395.059	22	05	1800	1957	62.4	CRI	CHN	BC	10K1	A3E									3	
HNG	TARNOK	7395.107	22	05	2055	2400	41.3	CNR2	CHN	BC	10K6	A3E									3	
D	KREFELD	7410.000	03	05	1400	1457		C.R.I.	CHN	BC	10K0E	A3E							69			JINHUA
HNG	TARNOK	7410.000	24	05	0100	0200	29.3	BBC	OMA	BC	9K95	A3E										
HNG	TARNOK	7410.000	24	05	1700	1800	29.7	CRI	CHN	BC	9K99	A3E										
INS	MSTM-MEDAN	7410.000	27	05	0620	0622	22.0	R. SAUDI	ARS	BC	4K00E	A3E										Broadcast
HNG	TARNOK	7410.002	24	05	0000	0030	24.7	IBB/VOA	THA	BC	10K0E	A3E										
HNG	TARNOK	7410.005	24	05	1520	1620	32.4	IRB	IRN	BC	9K99	A3E										
HNG	TARNOK	7414.998	24	05	1800	2200	29.7	CRI	CHN	BC	9K29	A3E										
G	BALDOCK	7415.000	07	06	2050			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							59	B		URUMQI
KOR	CRMS	7420.000	11	04	0035	0035	30.8	CNR	CHN	BC		A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	7420.000	01	05	0651	0651	30.7	CNR	CHN	BC		A3E									3	
HNG	TARNOK	7420.000	22	05	0000	0200	39.9	RRO	ROU	BC	9K25	A3E										
G	BALDOCK	7420.000	23	05	1745			CRI	CHN	BC		A3E							60	B		
D	KREFELD	7425.000	03	05	1300	1605		CHINA BUSINESS	CHN	BC	10K0E	A3E							60			XIAYANG
HNG	TARNOK	7425.008	24	05	2030	2100	51.5	NHK	MDG	BC	9K66	A3E										
D	KREFELD	7429.996	03	05	1200	1400		TAIWAN INT.	CHN	BC	10K0E	A3E							59			KOUHU
J	TOKYO	7433.490	29	06	0457			HLL2				F3C	128	E	39	35	N	49	275	B		
J	TOKYO	7433.510	19	04	1036				KOR				127	E	37	36	N	12	277	B		
HNG	TARNOK	7434.999	24	05	1500	1600	41.9	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	7434.999	24	05	1800	1957	63.5	CRI	CHN	BC	9K40	A3E										
KOR	CRMS	7435.000	13	04	2121	2121	42.9		KWT	BC		A3E									6	
KOR	CRMS	7435.000	20	04	2111	2111	37.2		CHN	BC		A3E									6	
J	TOKYO	7435.000	21	04	1100			CHINA R.I.	CHN	BC		A3E										
D	KREFELD	7435.000	03	05	1400	1600		C.R.I.	CHN	BC	10K0E	A3E							72			KUNMING
G	BALDOCK	7435.000	16	05	0445			R.MARTI	USA	BC		A3E							280	B		GREENVILLE B TX SITE
KOR	CRMS	7435.000	18	05	2125	2125	26.0		KWT	BC		A3E									6	
G	BALDOCK	7435.000	23	05	1809			VOICE OF AMERICA	USA	BC		A3E							109	B		BIBLIS TX SITE GERMANY
HNG	TARNOK	7435.000	24	05	0300	0500	39.6			BC	8K52	A3E										
KOR	CRMS	7435.000	08	06	2123	2123	60.0		KWT	BC		A3E									6	
HNG	TARNOK	7439.999	24	05	1700	1800	68.1	IBB/VOA	D	BC	8K76	A3E										
HNG	TARNOK	7439.999	24	05	2000	2057	61.5	CRI	CHN	BC	9K06	A3E										
HNG	TARNOK	7445.001	24	05	0100	0300	28.9	BBC	OMA	BC	10K0E	A3E										
HNG	TARNOK	7445.006	24	05	1600	2300	48.2	BBC	MDG	BC	10K0E	A3E										
HNG	TARNOK	7449.999	24	05	1500	1600	23.2	PBS XIZANG	CHN	BC	10K0E	A3E										
J	TOKYO	7450.000	06	04	0209			XIZANG P.B.S		BC		A3E	091	E	03	29	N	32	275	A		
KOR	CRMS	7450.000	13	04	2121	2121	26.6		CHN	BC		A3E									6	
D	KREFELD	7450.000	03	05	1200	1800			CHN	BC	10K0E	A3E							60			
G	BALDOCK	7450.000	04	05	2016			PBS XIZANG	CHN	BC		A3E	090	E	58	29	N	30	70	B		LHASA TX
KOR	CRMS	7450.000	18	05	1223	1223	14.5		CHN	BC		A3E									6	
INS	MSWR-MERAUKE	7450.000	25	05	1216	1230	5.0	PBS Xizang	CHN	BC	6K00E	A3E									11	
KOR	CRMS	7450.000	03	06	0934	0934	16.8		CHN	BC		A3E									6	
G	BALDOCK	7455.005	04	05	2017			?	USA	FX		F1B							260	B		50BD SECURE
HNG	TARNOK	7455.500	26	05	0000	2400	53.3				980H	F1B										CIS-36-50 INVERSE
D	KREFELD	7456.000	03	05	0730	0855			RUS	FX	400H	F1B							66			
D	KREFELD	7457.000	03	05	0000	1000				FX	1K10	F1B							270			ATLANTIC
KOR	CRMS	7460.000	03	04	1524	1524	9.4		CHN	BC		A3E							50		11	
G	BALDOCK	7460.000	04	05	2017			VOICE OF AMERICA	BOT	BC		A3E							150	A		SELEBI-PHIKWE TX
KOR	CRMS	7460.000	30	05	1011	1011	27.0		CHN	BC		A3E									11	
J	TOKYO	7460.010	19	04	1041			SOUND OF HOPE		BC		A3E	126	E	44	33	N	30	263	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
HNG	TARNOK	7464.998	26	05	1500	1900	37.6	BBC	SNG	BC	6K70	A3E									11	
D	KREFELD	7465.000	03	05	1330	1900		B.B.C.	SNG	BC	10K0E	A3E							87			KRANJI
KOR	CRMS	7465.000	15	05	1525	1525	3.6		SNG	BC		A3E									11	
G	BALDOCK	7465.000	23	05	1800			BBC WORLD SERVICE	SNG	BC		A3E	103	E	43	01	N	25	78	B		KRANJI TX SITE
HNG	TARNOK	7465.000	26	05	0000	0030	33.2	BBC	SNG	BC	9K60	A3E										
HNG	TARNOK	7465.000	26	05	0045	0115	37.5	TWR INDIA	MDA	BC	9K60	A3E										
KOR	CRMS	7465.000	02	06	1516	1516	30.4		SNG	BC		A3E									11	
KOR	CRMS	7470.000	09	04	1222	1222	56.7		THA	BC		A3E							1		11	
D	KREFELD	7470.000	03	05	1100	1300		V.O.A.	THA	BC	10K0E	A3E							56			UDORN
G	BALDOCK	7470.000	04	05	2041			VOA (DEEWA RADIO)	D	BC		A3E							94	B		LAMPERTHEIM TX SITE
KOR	CRMS	7470.000	18	05	1224	1224	21.8		THA	BC		A3E									11	
KOR	CRMS	7470.000	11	06	1222	1222	19.6		THA	BC		A3E									11	
HNG	TARNOK	7475.001	26	05	1600	1700	33.9	RFE/R.LIB.	KWT	BC	6K74	A3E									11	
KOR	CRMS	7480.000	11	04	0038	0038	18.3		THA	BC		A3E							1		11	
KOR	CRMS	7480.000	03	05	0035	0035	32.5		THA	BC		A3E									11	
D	KREFELD	7480.000	03	05	1300	1400		V.O.A.	THA	BC	10K0E	A3E							73			UDORN
D	KREFELD	7480.000	03	05	1400	1500		V.O.A.	PHL	BC	10K0E	A3E							62			TINANG
KOR	CRMS	7480.000	07	06	0038	0038	21.5		THA	BC		A3E									11	
HNG	TARNOK	7480.004	26	05	0000	0100	32.7	IBB/VOA	THA	BC	10K0E	A3E										
HNG	TARNOK	7480.255	26	05	0700	0840	15.1				400HE	F1B										ASC-II
HNG	TARNOK	7482.900	26	05	0700	0840	10.5				600HE	F1B										
D	KREFELD	7483.000	03	05	0000	0803			RUS	FX	400H	F1B							65			MOSKVA
G	BALDOCK	7483.005	04	04	0315			?	RUS	FX		F1B							67	A		
HNG	TARNOK	7484.998	26	05	1500	1900	35.3	BBC	SNG	BC	6K40	A3E									11	
KOR	CRMS	7485.000	04	04	1827	1827	33.5		SNG	BC		A3E							56		11	
KOR	CRMS	7485.000	15	04	2016	2016	33.9		PHL	BC		A3E							33		11	
KOR	CRMS	7485.000	03	05	2018	2018	55.5		PHL	BC		A3E									11	
G	BALDOCK	7485.000	04	05	2042			BBC WORLD SERVICE	MDA	BC		A3E							95	A		KISHINEV-GRIGORIOPOL TX
KOR	CRMS	7485.000	10	05	1836	1836	28.1		SNG	BC		A3E									11	
HNG	TARNOK	7485.000	26	05	1900	2100	39.5	IBB/VOA	PHL	BC	7K00	A3E									11	
KOR	CRMS	7485.000	03	06	1842	1842	30.9		SNG	BC		A3E									11	
KOR	CRMS	7485.000	14	06	2020	2020	21.4		PHL	BC		A3E									11	
J	TOKYO	7485.500	06	04	0214				KRE				125	E	42	39	N	03	292	B		
INS	MSWR-MERAUKE	7490.000	25	05	1200	1215	2.3	WWCR NASHVILLE	USA	BC	6K00E	A3E									11	
KOR	CRMS	7495.000	03	04	1526	1526	18.1		THA	BC		A3E							1		11	
HNG	TARNOK	7495.000	26	05	0030	0200	59.3	IBB/VOA		BC	9K76	A3E										
HNG	TARNOK	7495.003	26	05	1500	1630	33.8	IBB/VOA R.ASHNA	THA	BC	6K60	A3E									11	
HNG	TARNOK	7504.934	28	05	0100	0400	40.6	WRNO	USA	BC	9K87	A3E									11	
G	BALDOCK	7505.000	03	04	0413			WRNO	USA	BC		A3E							282	B		NEW ORLEANS TX

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	7505.000	28	05	2200	2300	41.8	IBB/RFA	TJK	BC	9K84	A3E									11	
J	TOKYO	7508.000	06	04	0142				RUS			F1B	131	E	52	44	N	02	325	B		
J	TOKYO	7508.000	19	04	1003				RUS			F1B	131	E	15	43	N	25	321	A		
J	TOKYO	7508.600	22	06	0601				CHN			A1A	123	E	32	41	N	47	300	B		
J	TOKYO	7508.620	06	04	0141				CHN			A1A	122	E	48	41	N	28	298	B		
G	BALDOCK	7508.700	13	04	0613			D BEACON	RUS	RN		A1A							95	A		SEVASTOPOL?
G	BALDOCK	7508.800	13	04	0610			P BEACON	RUS	RN		A1A							70	A		
D	KREFELD	7508.800	10	05	0500	1655		P	POL	FX	100HE	A1A							63			GDANSK
HNG	TARNOK	7508.800	28	05	0530	2400	20.3				100HE	A1A										
G	BALDOCK	7508.900	08	05	1214			S BEACON	RUS	RN		A1A							31	A		
HNG	TARNOK	7509.999	28	05	1730	1800	50.6	IBRA MEDIA	ARM	BC	9K15	A3E									11	
KOR	CRMS	7510.000	03	04	1526	1526	45.1		USA	BC		A3E							24		11	
D	KREFELD	7510.000	10	05	1315	1545		K.T.W.R.	USA	BC	10K0E	A3E							42			AGANA
KOR	CRMS	7510.000	15	05	1526	1526	19.7		USA	BC		A3E									11	
G	BALDOCK	7514.400	04	04	0325			?	RUS	FX		P0N							69			
D	KREFELD	7514.875	10	05	0907	1211			POL		50H0E	N0N							63			GDANSK
J	TOKYO	7515.000	12	04	2346				RUS			F1B	135	E	11	48	N	39	345	A		
KOR	CRMS	7515.000	14	04	1532	1532	25.6		USA	BC		A3E							24		11	
KOR	CRMS	7515.000	05	05	1538	1538	53.6		USA	BC		A3E									11	
KOR	CRMS	7515.000	09	06	1520	1520	51.0		USA	BC		A3E									11	
HNG	TARNOK	7520.000	28	05	0000	0200	25.0	WWCR	USA	BC	9K95	A3E									11	
KOR	CRMS	7530.000	13	04	2122	2122	17.7		UZB	BC		A3E							59		11	
D	KREFELD	7530.000	10	05	1330	1430		FREE ASIA	USA	BC	10K0E	A3E							44			TINIAN ISLAND
KOR	CRMS	7530.000	18	05	2126	2126	9.6		UZB	BC		A3E									11	
HNG	TARNOK	7530.000	28	05	2100	2130	41.0	VOICE OF MARTYRS	UZB	BC	9K87	A3E									11	
KOR	CRMS	7530.000	08	06	2124	2124	42.1		UZB	BC		A3E									11	
D	KREFELD	7530.002	10	05	1220	1330		FREE ASIA	TJK	BC	10K0E	A3E							81			DUSHANBE
D	KREFELD	7532.000	10	05	0800	1200			POL	FX	400H	F1B							64			GDANSK
KOR	CRMS	7540.000	01	04	1827	1827	37.9		THA	BC		A3E							1		11	
KOR	CRMS	7540.000	10	05	1837	1837	37.7		THA	BC		A3E									11	
KOR	CRMS	7540.000	29	05	1602	1602	54.0		TJK	BC		A3E									11	
KOR	CRMS	7540.000	03	06	1843	1843	40.8		THA	BC		A3E									11	
HNG	TARNOK	7540.004	28	05	1600	1700	45.0	IBB/RFA	TJK	BC	9K39	A3E									11	
HNG	TARNOK	7540.004	28	05	1700	1900	53.6	IBB/VOA DEEWA RADIO	THA	BC	9K70	A3E									11	
KOR	CRMS	7550.000	15	04	2017	2017	22.0		UZB	BC	8K52E	A3E							59		11	
KOR	CRMS	7550.000	03	05	2019	2019	36.0		UZB	BC		A3E									11	
G	BALDOCK	7552.800	25	04	0900			?	D	FC		G1D							70	A		
G	BALDOCK	7553.000	08	05	1209			?	F	FX		G1D							168	A		
G	BALDOCK	7553.000	08	05	1210			?	D	FX		G1D							68	A		SECURE

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	7553.000	30	05	0000	2400	30.2				3K00E	G1D										STANAG 4285
HNG	TARNOK	7556.000	30	05	0000	2400	47.9				3K00E	G1D										STANAG 4285
G	BALDOCK	7556.400	04	04	0330			?	F	FX		G1D							170	A		2400BD STANAG 4285
D	KREFELD	7556.400	10	05	0000	2400			F	FX	2K80	G7D							203			
J	TOKYO	7557.400	19	04	1021				CHN				119	E	41	27	N	45	252	A		
HNG	TARNOK	7564.999	30	05	1600	1700	35.8	IBB/VOA	PHL	BC	8K00	A3E									11	
D	KREFELD	7566.000	10	05	0600	0620			UKR	FX	100HE	A1A							99			
HNG	TARNOK	7569.998	30	05	2300	2400	22.8	WRMI	USA	BC	9K00	A3E									11	
G	BALDOCK	7570.000	04	04	0340			WRMI THE OVERCOMER MINISTRY	USA	BC		A3E							280	A		OKEECHOBEE TX
INS	MSWR-MERAUKE	7570.000	25	05	1110	1130	10.0	WRMI SUPREME MASTER TV	USA	BC	6K00E	A3E									11	
HNG	TARNOK	7570.000	30	05	0000	1100	28.2	WRMI	USA	BC	10K0E	A3E									11	
G	BALDOCK	7571.000	04	04	0335			?	UKR	FC		F1B							93	A		SEVASTOPOL
D	KREFELD	7576.800	10	05	1403	1410			RUS	FX	3K00	G7D							63			KALININGRAD
D	KREFELD	7580.000	11	05	1350	1430		N.KOR.DEMOCRATI	UZB	BC	10K0E	A3E							82			TASHKENT
G	BALDOCK	7581.000	04	04	0345			?	BEL	FX		G1D							113	A		2400BD STANAG 4285
HNG	TARNOK	7581.000	30	05	0000	0300	20.1				3K00E	G1D										STANAG 4285
HNG	TARNOK	7581.000	30	05	1615	2400	26.8				3K00E	G1D										STANAG 4285
HNG	TARNOK	7589.887	30	05	2000	2100	36.7	NKRR	UZB	BC	8K00	A3E									11	
KOR	CRMS	7590.000	03	05	2020	2020	32.0		UZB	BC		A3E									11	
D	KREFELD	7590.000	11	05	1400	1500		NORTH KOR.REFOR	UZB	BC	10K0E	A3E							77			TASHKENT
KOR	CRMS	7600.000	28	04	1520	1520	37.1		CHN	BC		A3E							50		11	
KOR	CRMS	7600.000	18	05	1224	1224	16.4		CHN	BC		A3E									11	
HNG	TARNOK	7600.000	30	05	1600	2200	30.9	XIWANG	CHN	BC	10K0E	A3E									11	
KOR	CRMS	7600.000	11	06	2118	2118	4.5		CHN	BC		A3E									11	
HNG	TARNOK	7605.000	01	06	1630	1700	32.7	RADIO RANGINKAMAN	UZB	BC	9K99	A3E									11	
INS	MSTM-MEDAN	7610.000	25	05	0340	0350	44.0	Unknown		FX	2K50E	J3E										KOMRAD
D	KREFELD	7622.000	17	05	0000	0600			RUS	FX	400H	F1B							63			KALININGRAD
D	KREFELD	7622.000	17	05	2000	2400			RUS	FX	400H	F1B							63			KALININGRAD
D	KREFELD	7629.989	17	05	0000	0620			RUS		50H0E	N0N							65			
INS	MSTM-MEDAN	7630.000	25	05	0400	0410	0.0	Unknown		FX	2K50E	J3E										KOMRAD
D	KREFELD	7630.750	17	05	0607	0635			RUS		50H0E	N0N							74			
G	BALDOCK	7640.000	04	04	0354			?		MS		J3E							238	A		FISHERMEN- PORTUGUESE?
J	TOKYO	7645.000	19	04	1023			SOUND OF HOPE		BC		A3E	120	E	22	23	N	17	240	A	11	TAIWAN
HNG	TARNOK	7646.000	01	06	1540	2400	34.1	DDH7	D	FX	590H	F1B										ITA2, 50BD
G	BALDOCK	7646.010	08	05	1211			DDH7	D	FX		F1B							73	B		PINNEBERG WX
INS	MSTM-MEDAN	7655.000	25	05	0420	0430	34.0	Unknown		FX	2K20E	J3E										KOMRAD
INS	MSTM-MEDAN	7660.000	25	05	0430	0440	44.0	Unknown		FX	2K00E	J3E										KOMRAD
J	TOKYO	7716.230	06	04	0146				CHN				120	E	38	27	N	53	251	B		
INS	MSTM-MEDAN	7720.000	25	05	0530	0540	28.0	Unknown		FX	2K00E	J3E										KOMRAD

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	7727.000	04	04	0410			?	RUS	FC		A1A							68	A		KALININGRAD? V REPEATED
G	BALDOCK	7730.000	04	04	0404			WRMI THE OVERCOMER MINISTRY	USA	BC		A3E							283	B		
KOR	CRMS	7730.000	05	04	0941	0941	20.9		CHN	BC		A3E							50		11	
KOR	CRMS	7730.000	04	05	0333	0333	18.6		CHN	BC		A3E									11	
KOR	CRMS	7730.000	10	06	0921	0921	19.6		CHN	BC		A3E									11	
J	TOKYO	7730.080	19	04	1029			SOUND OF HOPE		BC		A3E	121	E	36	24	N	54	242	A	11	TAIWAN
G	BALDOCK	7748.000	04	04	0417			?	RUS	FC		J7D							93	A		ODESSA
G	BALDOCK	7780.000	04	04	0422			WRMI THE OVERCOMER MINISTRY	USA	BC		A3E							281	B		OKEECHOBEE TX
HNG	TARNOK	7780.000	07	06	0000	0300	44.9	WRMI	USA	BC	8K84	A3E									11	
INS	MSTM-MEDAN	7785.000	25	05	0535	0600	38.0	Unknown		FX	2K50E	J3E										KOMRAD
G	BALDOCK	7791.000	04	04	0430			?	UKR	FC		P0N							89	B		ODESSA / SEVASTOPOL
HNG	TARNOK	7800.000	07	05	0540	0550	17.3				2K70E	J3E										USB
KOR	CRMS	7810.000	01	04	1828	1828	28.6		CHN	BC		A3E							50		11	
KOR	CRMS	7810.000	06	06	1826	1826	13.0		CHN	BC		A3E									11	
J	TOKYO	7810.040	12	04	2357			SOUND OF HOPE		BC		A3E	120	E	55	22	N	54	238	A	11	TAIWAN
G	BALDOCK	7826.000	04	04	0436			?	RUS	FX		F1B							63	A		
HNG	TARNOK	7835.000	09	06	1850	1940	32.3				20K0E	F0N										OTHR_FMCW
G	BALDOCK	7850.000	19	05	0513			CHU	CAN	FX		H3E							292	B		TIME SIGNAL
INS	MSTM-MEDAN	7850.000	21	05	0100	0110	44.0	Unknown		FX	2K80E	J3E										KOMRAD
HNG	TARNOK	7850.000	09	06	0000	0700	20.2	CHU	CAN	SS	4K50E	H3E										TIME SIGNAL_USB
INS	MSTM-MEDAN	7855.000	25	05			28.0	Unknown		FX	2K00E	J3E										KOMRAD
G	BALDOCK	7880.000	08	05	1217			DDK3 (HAMBURG)	D	FX		F1C	009	E	48	53	N	43	70	A		METEO FAX 120RPM
HNG	TARNOK	7880.000	11	06	0500	2400	47.8	DDK3	D	FX	1K70E	F1C										WEATHER FAX
G	BALDOCK	7880.250	08	04	1205			?	RUS	FC		XXX							71	A		KALININGRAD
J	TOKYO	7905.000	22	06	0613				RUS			F1B	157	E	27	54	N	07	27	B		
INS	MSTM-MEDAN	7952.000	21	05	0240	0250	28.0	Unknown		FX	2K00E	J3E										KOMRAD
G	BALDOCK	7967.500	19	05	0450			RUSSIAN PULSE	RUS	LR		P0N							69	A		
G	BALDOCK	7973.900	08	04	1215			?		MS		B7D							222	A		
G	BALDOCK	7974.125	13	04	0620			?	RUS	FX		F1B							67	A		
G	BALDOCK	8000.000	25	04	1000			?	RUS	FX		P0N							70	A		
G	BALDOCK	8008.005	13	04	0627			?	RUS	FX		F1B							65	A		
G	BALDOCK	8038.200	13	04	0631			?	D	FX		G1D							104	A		2400BD STANAG 4285
HNG	TARNOK	8038.200	17	06	0402	1700	25.4				3K00E	G1D										STANAG 4285
G	BALDOCK	8041.950	13	04	0637			?	RUS	FX		F1B							65	A		
J	TOKYO	8054.000	06	04	0153				RUS			F1B	140	E	17	51	N	15	359	B		
J	TOKYO	8054.000	22	06	0617				RUS			F1B	140	E	05	52	N	00	359	B		
G	BALDOCK	8100.000	03	04	0456					MS		G1D							83	B		
G	BALDOCK	8105.000	06	06	0435			?	RUS	LR		P0N							65	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	8106.325	17	06	0825	1143			GRC	FX		F1C	022	E	45	36	N	26	135			
D	KONSTANZ	8106.740	16	06	0045	1407			F	FX	2K70E	G1D	006	E	12	44	N	19	216			
G	BALDOCK	8113.000	19	05	0510			RMP (REO DE RMP)	RUS	FX		A1A							70	A		KALININGRAD 5 UNIT CODE
D	KONSTANZ	8113.483	16	06	0359	0416			RUS	FX	100HE	A1A	021	E	15	54	N	46	45			A OF KALININGRAD
D	KONSTANZ	8113.483	18	06	0359	0419			RUS	FX	100HE	A1A	021	E	15	54	N	46	45			A OF KALININGRAD
J	TOKYO	8117.000	13	04	0004				CHN			J3E	121	E	49	24	N	56	241	B		TAIWAN
INS	MSTM-MEDAN	8125.000	20	05	0210	0220	34.0	Unknown		FX	2K00E	J3E										KOMRAD
D	KREFELD	8130.050	16	06	0045	1407			F	FX	2K70E	G1D	000	W	34	46	N	53	234			
G	BALDOCK	8136.000	06	06	0455			?	RUS	FX		F1B							30	B		MURMANSK NAVAL
D	KREFELD	8136.000	16	06	0022	2400				FX	290H	F1B	023	E	57	65	N	48	25			
D	KREFELD	8136.000	17	06	0017	2346				FX	290H	F1B	023	E	57	65	N	48	25			
D	KREFELD	8136.000	18	06	0018	2400				FX	290H	F1B	023	E	57	65	N	48	25			
D	KONSTANZ	8140.440	17	06	0541	1912			I	FX	2K70E	G1D							177			
G	BALDOCK	8142.000	03	04	0503			?	F	FX		G1D							170	C		2400BD STANAG 4285
G	BALDOCK	8142.000	06	06	0510			?	D	FX		G1D							66	A		
D	KONSTANZ	8142.000	16	06	0449	2400				FX	2K80E	G1D	007	E	05	53	N	31	354			
D	KONSTANZ	8142.000	17	06	0000	2400				FX	2K80E	G1D	007	E	05	53	N	31	354			
D	KONSTANZ	8142.000	18	06	0000	2400				FX	2K80E	G1D	007	E	05	53	N	31	354			
HNG	TARNOK	8142.000	21	06	0500	2400	38.6				3K00E	G1D										CODAN-3212
D	KONSTANZ	8144.997	16	06	0000	2400			G	FX		F1B	000	W	18	51	N	48	307			N OF LONDON
D	KONSTANZ	8144.997	17	06	0000	1513			G	FX		F1B	000	W	18	51	N	48	307			N OF LONDON
G	BALDOCK	8145.000	19	05	0454			?	USA	FX		F1B							273	C		SECURE
D	KREFELD	8149.150	16	06	0045	1407			F	FX	2K70E	G1D	001	E	45	48	N	02	231			
G	BALDOCK	8171.800	19	05	0452			?		FX		G1D							30	A		2400 BD STANAG 4285
D	BERLIN	8171.905	19	06	0000	0359			USA	FX	2K80	G1D							338			
HNG	TARNOK	8172.008	23	06	0000	2400	36.7	JWT	NOR	FX	3K04	G1D										STANAG 4285
D	BERLIN	8172.020	19	06	0400	2400			NOR	FX	2K54	G1D	009	E	45	59	N	28	345			
D	BERLIN	8172.020	20	06	0230	2400			NOR	FX	2K54	G1D	009	E	45	59	N	28	345			
D	BERLIN	8172.020	21	06	0000	2400			NOR	FX	2K54	G1D	009	E	45	59	N	28	345			
D	KONSTANZ	8182.076	19	06	1655	2400			RUS	FX		F1B							43			A OF KALININGRAD
D	KONSTANZ	8182.076	20	06	0000	0452			RUS	FX		F1B							43			A OF KALININGRAD
D	KONSTANZ	8182.076	21	06	1716	1747			RUS	FX		F1B							43			A OF KALININGRAD
D	KONSTANZ	8190.980	19	06	1701	1955			RUS	FX	50H0E	N0N							45			A OF KALININGRAD
D	KONSTANZ	8190.980	20	06	1706	1943			RUS	FX	50H0E	N0N							45			A OF KALININGRAD
D	KONSTANZ	8190.980	21	06	1701	1943			RUS	FX	50H0E	N0N							45			A OF KALININGRAD
HNG	TARNOK	8191.000	23	06	0750	0810	19.3				100HE	A1A										CW
HNG	TARNOK	8193.000	23	06	0910	1600	20.9				400HE	F1B										260HZ, 100BD
D	KONSTANZ	8195.000	21	06	0644	0849			RUS	FX	640H	F1B	048	E	36	54	N	04	60			
HNG	TARNOK	8195.000	23	06	0900	1520	14.1				600HE	F1B										500HZ 100BD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KONSTANZ	8204.486	22	06	0000	1600			I	FX	1K12	F1B	014	E	21	37	N	25	164			
D	KONSTANZ	8204.486	23	06	1345	2400			I	FX	1K12	F1B	014	E	21	37	N	25	164			
D	KONSTANZ	8204.486	24	06	0000	2400			I	FX	1K12	F1B	014	E	21	37	N	25	164			
G	BALDOCK	8204.495	08	04	1734			?	I	FX		F1B							139	A		
G	BALDOCK	8204.495	30	05	0251			?	I	FX		F1B							139	A		
HNG	TARNOK	8204.500	25	06	0000	2400	25.2				1K06	F1B										850HZ,75BD
D	KONSTANZ	8224.314	22	06	1750	1805			RUS	FX	17K0E	P0N	033	E	46	54	N	16	50			
D	KONSTANZ	8228.000	23	06	2153	2215			RUS	FX	23K0E	P0N							49			
D	KREFELD	8233.000	24	06	2200	2215			RUS	FX	14K0E	P0N	040	E	11	52	N	40	75			
J	TOKYO	8243.080	22	06	0621				CHN			A1A	115	E	09	25	N	56	253	B		
D	KONSTANZ	8245.035	26	06	2250	2400			RUS		15K7	P0N							57			
D	KONSTANZ	8245.035	27	06	0000	0641			RUS		15K7	P0N							57			
INS	MSTM-MEDAN	8250.000	20	05	0420	0430	44.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	8262.000	22	06	0625				CHN			A1A	123	E	49	41	N	54	301	B		
INS	MSTM-MEDAN	8276.000	19	05	0120	0130	10.0	Unknown		FX	500HE	A1A										MORSE
INS	MSTM-MEDAN	8292.000	19	05	0140	0150	10.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	8302.000	22	06	0628			XSG		FC		F3C	121	E	25	31	N	58	262	B		
J	TOKYO	8302.000	29	06	0435			XSG		FC		F3C	121	E	36	31	N	13	260	B		
G	BALDOCK	8314.000	08	04	1819			?	CYP	FX		G1D							114	B		2400BD STANAG 4285
HNG	TARNOK	8314.000	29	06	0000	2400	35.7				3K00E	G1D										STANAG 4285
HNG	TARNOK	8324.000	29	06	0340	0850	21.6				3K00E	G1D										
HNG	TARNOK	8337.600	29	06	0000	2400	51.1				3K00E	G1D										STANAG 4285
INS	MSTM-MEDAN	8342.000	19	05	0230	0240	16.0	Unknown		FX	2K00E	J3E										KOMRAD
INS	MSTM-MEDAN	8369.000	19	05	0300	0310	0.0	Unknown		FX	2K00E	J3E										KOMRAD
INS	MSTM-MEDAN	8369.000	19	05	0515	0525	28.0	Unknown		FX	2K50E	J3E										KOMRAD
G	BALDOCK	8398.505	08	04	1736			?		FX		F1B							110	C		
G	BALDOCK	8410.000	28	04	2341			?	HOL	FC		G1D							90	B		2400BD STANAG 4285
F	RAMBOUILLET	8410.000	03	05	0900	1000	1800.0				2K80E	J7B							153	A	9	
F	RAMBOUILLET	8410.000	03	05	1400	1800	5.0				2K80E	J7B							153	A	9	
INS	MSTM-MEDAN	8410.000	19	05	0340	0350	28.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	8416.450	19	04	1100				RUS			F1B	132	E	51	42	N	53	323	A		
J	TOKYO	8418.000	22	06	0631				CHN			A1A	112	E	47	27	N	00	257	B		
G	BALDOCK	8424.000	28	04	2342			SVO (ATHENS)	GRC	FC		A1A							125	A		
F	RAMBOUILLET	8424.000	03	05	1400	1800	20.0	SVO	GRC		100HE	A1A							121	A	3	
G	BALDOCK	8424.000	30	05	0253			SVO (ATHENS)	GRC	FC		A1A							125	A		
J	TOKYO	8425.500	06	04	0201			XSG		FC		F1B										
J	TOKYO	8425.500	13	04	0014			XSG		FC		F1B										
J	TOKYO	8425.500	19	04	1112			XSG		FC		F1B										
J	TOKYO	8425.500	22	06	0636			XSG		FC		F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	8425.500	29	06	0439			XSG		FC		F1B										
G	BALDOCK	8431.000	08	04	1746			TAH (ISTANBUL)	TUR	FC		F1B							107	A		
G	BALDOCK	8431.000	30	05	0254			TAH (ISTANBUL)	TUR	FC		F1B							107	A		
J	TOKYO	8433.000	06	04	0202			XSG		FC		F1B										
J	TOKYO	8433.000	13	04	0015			XSG		FC		F1B										
J	TOKYO	8433.000	22	06	0637			XSG		FC		F1B										
J	TOKYO	8435.000	06	04	0204			XSQ		FC		F1B										
J	TOKYO	8435.000	13	04	0016			XSQ		FC		F1B										
J	TOKYO	8435.000	22	06	0638			XSQ		FC		F1B										
G	BALDOCK	8439.000	08	04	1748			?		FX		F1B							92	B		
G	BALDOCK	8454.800	11	04	1016			FUG (SAISSAC)	F	FX		G1D							152	A		SAISSAC
G	BALDOCK	8454.800	30	05	0258			FUG (SAISSAC)	F	FX		G1D							152	A		SAISSAC
F	RAMBOUILLET	8455.000	04	05	0600	1800	30.0				2K80E	J7B							133	A	9	
F	RAMBOUILLET	8460.000	04	05	0600	1800	10.0				2K80E	J7B							150	A	9	
F	RAMBOUILLET	8465.000	04	05	0600	1800	17.0				2K80E	J7B							147	A	9	
F	RAMBOUILLET	8480.000	04	05	0600	1800	16.0				2K80E	J7B							16	A	9	
G	BALDOCK	8494.000	08	04	1756			?	E	FC		G1D							190	A		2400 BD STANAG 4285
F	RAMBOUILLET	8494.000	04	05	0600	1800	20.0				2K80E	J7B							20	A	9	
J	TOKYO	8495.000	13	04	0020			F				A1A	132	E	58	43	N	11		B		
J	TOKYO	8495.200	06	04	0205			F				A1A	132	E	25	42	N	59	322	B		
J	TOKYO	8495.400	06	04	0206			M				A1A	139	E	48	50	N	58	358	B		
G	BALDOCK	8508.000	08	04	1803			?	RUS	FX		F1B	037	E	16	58	N	28	61	B		SECURE
F	RAMBOUILLET	8508.000	06	05	0000	0600	20.0				2K80E	J7B							220	A	9	
F	RAMBOUILLET	8512.000	05	05	0600	1000	18.0				2K80E	J7B							220	A	9	
F	RAMBOUILLET	8512.000	06	05	0000	0600	18.0				2K80E	J7B							220	A	9	
F	RAMBOUILLET	8519.000	05	05	0600	1800	15.0				2K80E	J7B							175	A	9	
J	TOKYO	8538.000	06	04	0208				USA			F1B	144	E	53	13	N	32	168	B		GUM
J	TOKYO	8538.000	22	06	0644				USA			F1B	144	E	49	13	N	29	168	B		
J	TOKYO	8538.000	29	06	0459				USA			F1B	144	E	21	13	N	17	170	B		GUM
F	RAMBOUILLET	8564.000	06	05	0600	2200	20.0				2K80E	J7B							110	A	9	
G	BALDOCK	8566.815	30	05				?	F	FX		F1B							168	A		SECURE
J	TOKYO	8595.300	22	06	0649			K				A1A	158	E	02	53	N	30	29	B		
J	TOKYO	8608.000	22	06	0652				RUS			F1B	136	E	56	50	N	32	351	B		
F	RAMBOUILLET	8614.000	07	05	0600		35.0				2K80E	J7B							350	A	9	
J	TOKYO	8617.000	13	04	0027				RUS			F1B	132	E	58	43	N	02		B		
J	TOKYO	8617.010	06	04	0211				RUS			F1B	133	E	02	43	N	03	325	B		
J	TOKYO	8617.010	22	06	0654				RUS			F1B	132	E	46	43	N	07	324	A		
J	TOKYO	8617.010	29	06	0510				RUS			F1B	132	E	58	43	N	19	324	A		
F	RAMBOUILLET	8620.000	07	05	0600	1800	23.0				2K80E	J7B							20	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
J	TOKYO	8626.800	22	06	0657				F			J2B	151	E	05	16	N	43	116	A		OCE
F	RAMBOUILLET	8635.000	07	05	0600	1800	23.0				2K80E	J7B							145	A	9	
J	TOKYO	8647.900	22	06	0703				F			J2B	165	E	50	21	N	20	153	A		NCL
J	TOKYO	8654.000	06	04	0213				USA			F1B	144	E	53	13	N	32	168	B		GUM
J	TOKYO	8654.000	22	06	0706				USA			F1B	144	E	49	13	N	29	168	B		GUM
J	TOKYO	8654.000	29	06	0518							F1B							165	C		
J	TOKYO	8665.000	06	04	0214			XSG		FC		F1B	121	E	10	31	N	27	261	B		
J	TOKYO	8681.990	22	06	0709				USA			F3C	119	E	36	39	N	23	52	B		GUM
J	TOKYO	8694.000	22	06	0712				USA			F1B	115	E	21	40	N	05	49	B		
INS	MSTM-MEDAN	8745.000	18	05	0542	0545	34.0	Unknown		FX	2K80E	J3E										Aeronautical
G	BALDOCK	8812.000	05	04				TAH VOLMET	TUR	FX		J3E							109	A		INSTANBUL TAH VOLMET
INS	MSTM-MEDAN	8855.000	18	05			34.0	Unknown		FX	2K00E	J3E										KOMRAD
INS	MSTM-MEDAN	8860.000	18	05	0628	0630	28.0	Unknown		FX	2K00E	J3E										KOMRAD
G	BALDOCK	8891.000	20	06	0200			GANDER	CAN	FD		J3E							289	B		ATC COMMS TO AIRCRAFT
G	BALDOCK	8892.000	05	06	1405	1603		RUSSIAN PULSE	RUS	LR		P0N							69	A		PENZA
J	TOKYO	8897.080	22	06	0716				CHN			A1A	117	E	29	26	N	33	252	B		
G	BALDOCK	8904.000	30	05	0029			RUSSIAN PULSE	RUS	LR		P0N							68	A		
G	BALDOCK	8918.000	20	06	0205			NEW YORK ARINC (CARIBBEAN B FAMILY)	USA	FD		J3E							289	B		ATC COMMS TO AIRCRAFT
J	TOKYO	8927.000	22	06	0730			SAN FRANCISCO		FA		J2D										
J	TOKYO	8933.000	22	06	0721			SAN FRANCISCO		FA		J3E										
J	TOKYO	8933.000	22	06	0723			SAN FRANCISCO				A1A	112	E	52	30	N	06	264	B		
G	BALDOCK	8942.000	20	06	0210			007 (SHANNON)	IRL	FD		J1D							282	A		
G	BALDOCK	8943.000	13	05	1900			?		FC		G1D							69	B		2400 BD STANAG 4285
G	BALDOCK	8948.000	20	06	0215			017 (TELDE)		FD		J1D							208	A		
G	BALDOCK	8952.000	05	06	1630			RUSSIAN PULSE	RUS	LR		P0N							69	A		PENZA
G	BALDOCK	8957.000	13	05	1927			SHANNON VOLMET	IRL	FD		J3E							278	A		VOLMET
G	BALDOCK	8957.000	20	06	0220			SHANNON VOLMET	IRL	FD		J3E							280	A		VOLMET
G	BALDOCK	8966.500	28	04				OTHR	RUS	LR		P0N							70	B		
G	BALDOCK	8977.000	05	04	1931			REYKJAVIK (STATION ID 003)	ISL	FD		J1D							325	A		1800 BD
G	BALDOCK	8977.000	20	06	0225			REYKJAVIK (STATION ID 003)	ISL	FD		J1D							323	A		1800BD
G	BALDOCK	8979.000	13	05	1930			?	DNK	MS		A3E							56	A		
G	BALDOCK	8992.000	05	04	0000	2400		(SIGONELLA)	I	FG		J3E							139	B		US NAVY AIR BASE
J	TOKYO	9012.000	29	06	0600				CHN			J3E	121	E	27	31	N	09	260	B		
G	BALDOCK	9044.000	05	04	1933			?	RUS	FX		F1B	048	E	58	53	N	39	67	A		SECURE 50 BD
J	TOKYO	9054.000	18	04	2348				CHN			A1A	122	E	18	37	N	21	282	B		
G	BALDOCK	9070.000	30	06	0230			RUSSIAN PULSE	RUS	LR		P0N							70	A		PENZA
J	TOKYO	9075.000	06	04	0417				USA			F1B	155	W	42	19	N	25	88	B		HWA
G	BALDOCK	9096.800	20	06	0225			?	SEN	FX		G1D							208	A		2400BD STANAG 4285
G	BALDOCK	9098.600	11	04	1510			FUG (SAISSAC)	F	FX		G1D							170	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
J	TOKYO	9100.000	01	06	0005			ECHO OF HOPE		BC		A3E	127	E	15	37	N	25	284	A	11	
G	BALDOCK	9100.400	05	04	1934			?	F	FX		G1D							169	A		2400 BAUD
J	TOKYO	9105.000	18	04	2351			ECHO OF HOPE		BC		A3E	127	E	03	37	N	26	283	B	11	
J	TOKYO	9112.000	06	04	0421				USA			F1B	155	W	07	19	N	27	87	B		HWA
G	BALDOCK	9114.700	20	06	0245			?	UKR	FX		J7D							93	A		120BD
J	TOKYO	9119.950	06	04	0423			SOUND OF HOPE		BC		A3E	121	E	05	23	N	50	240	B	11	TAIWAN
J	TOKYO	9119.950	13	04	0135			SOUND OF HOPE		BC		A3E	121	E	32	24	N	43	241	B	11	TAIWAN
J	TOKYO	9119.990	29	06	0608			SOUND OF HOPE		BC		A3E	120	E	40	24	N	20	242	B	11	TAIWAN
J	TOKYO	9120.000	22	06	0748			SOUND OF HOPE		BC		A3E	121	E	28	24	N	28	241	B	11	TAIWAN
J	TOKYO	9120.010	01	06	0006			SOUND OF HOPE		BC		A3E	120	E	28	23	N	28	240	B	11	TAIWAN
J	TOKYO	9144.000	29	06	0610							A1A										
KOR	CRMS	9155.000	02	04	2110	2110	26.6		CHN	BC		A3E							53		11	
KOR	CRMS	9155.000	15	05	0731	0731	20.3		CHN	BC		A3E									11	
J	TOKYO	9155.000	01	06	0011			CHINA N.R.		BC		A3E	109	E	04	33	N	37	275	B	11	
KOR	CRMS	9155.000	12	06	0621	0621	6.8		CHN	BC		A3E									11	
J	TOKYO	9155.000	22	06	0748			CHINA N.R.		BC		A3E	119	E	10	26	N	32	250	B	11	
J	TOKYO	9155.030	06	04	0425			SOUND OF HOPE		BC		A3E	106	E	52	47	N	46	306	B	11	MNG
J	TOKYO	9165.000	06	04	0431			HLL2				F3C	128	E	29	36	N	09	277	A		
J	TOKYO	9165.000	22	06	0750			HLL2				F3C	128	E	19	36	N	01	275	B		
J	TOKYO	9169.000	06	04	0428				RUS			F1B	132	E	19	43	N	16	323	A		
J	TOKYO	9169.010	18	04	2359				RUS			F1B	132	E	57	42	N	51	324	A		
J	TOKYO	9175.000	06	04	0435			HLL2				F3C	128	E	19	36	N	07	277	A		
KOR	CRMS	9180.000	11	04	0040	0040	9.4		CHN	BC		A3E							53		11	
KOR	CRMS	9180.000	06	05	1010	1010	30.4		CHN	BC		A3E									11	
KOR	CRMS	9180.000	03	06	0935	0935	22.4		CHN	BC		A3E									11	
J	TOKYO	9180.010	29	06	0612			SOUND OF HOPE		BC		A3E	121	E	10	23	N	10	238	B	11	TAIWAN
J	TOKYO	9180.020	19	04	0003			SOUND OF HOPE		BC		A3E	121	E	02	23	N	00	238	B	11	TAIWAN
J	TOKYO	9180.020	22	06	0753			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9180.030	06	04	0439			SOUND OF HOPE		BC		A3E	120	E	38	23	N	23	240	B	11	TAIWAN
KOR	CRMS	9200.000	13	04	0352	0352	26.2		CHN	BC		A3E							53		11	
KOR	CRMS	9200.000	05	05	0621	0621	43.9		CHN	BC		A3E									11	
KOR	CRMS	9200.000	14	06	0932	0932	0.8		CHN	BC		A3E									11	
J	TOKYO	9200.020	22	06	0754			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9200.030	06	04	0441			SOUND OF HOPE		BC		A3E	126	E	26	33	N	19	263	B	11	KOR
J	TOKYO	9200.030	01	06	0014			SOUND OF HOPE		BC		A3E	126	E	42	33	N	32	264	B	11	KOR
J	TOKYO	9200.040	13	04	0142			SOUND OF HOPE		BC		A3E	126	E	47	33	N	29	263	B	11	KOR
J	TOKYO	9214.930	06	04	0443			SOUND OF HOPE		BC		A3E	127	E	37	36	N	17	277	B	11	KOR
J	TOKYO	9214.950	13	04	0143			SOUND OF HOPE		BC		A3E	128	E	01	36	N	24	278	B	11	KOR
J	TOKYO	9214.950	19	04	0007			SOUND OF HOPE		BC		A3E	127	E	49	36	N	21	277	A	11	KOR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9215.000	29	04	0928	0928	17.2		CHN	BC		A3E							53		11	
KOR	CRMS	9215.000	10	05	0925	0925	42.0		CHN	BC		A3E									11	
KOR	CRMS	9215.000	15	06	0343	0343	20.6		CHN	BC		A3E									11	
G	BALDOCK	9224.005	28	04	2352			?	RUS	FC		F1B							30	A		MURMANSK? 50 BAUD
G	BALDOCK	9224.005	20	06	0250			?	RUS	FC		F1B							29	A		50BD SECURE, MURMANSK?
J	TOKYO	9229.950	13	04	0143			SOUND OF HOPE		BC		A3E	121	E	39	24	N	56	241	B	11	TAIWAN
J	TOKYO	9229.960	06	04	0445			SOUND OF HOPE		BC		A3E	121	E	25	24	N	35	240	B	11	TAIWAN
J	TOKYO	9229.960	29	06	0616			SOUND OF HOPE		BC		A3E	121	E	12	23	N	55	240	B	11	TAIWAN
KOR	CRMS	9230.000	07	04	0628	0628	20.8		CHN	BC		A3E							53		11	
KOR	CRMS	9230.000	18	05	2128	2128	12.4		CHN	BC		A3E									11	
KOR	CRMS	9230.000	09	06	0613	0613	16.0		CHN	BC		A3E									11	
J	TOKYO	9254.930	06	04	0447			SOUND OF HOPE		BC		A3E	105	E	53	47	N	55	306	B	11	MNG
KOR	CRMS	9255.000	05	04	0942	0942	21.5		CHN	BC		A3E							50		11	
KOR	CRMS	9255.000	14	05	0418	0418	1.3		CHN	BC		A3E									11	
J	TOKYO	9255.000	01	06	0018			CHINA N.R.		BC		A3E	119	E	22	26	N	00	247	B	11	
KOR	CRMS	9255.000	11	06	1223	1223	11.2		CHN	BC		A3E									11	
J	TOKYO	9255.000	22	06	0754			CHINA N.R.		BC		A3E	115	E	30	25	N	55	252	B	11	
J	TOKYO	9255.000	29	06	0618			CHINA N.R.		BC		A3E	118	E	11	25	N	38	248	A	11	
G	BALDOCK	9265.000	29	04	0021			WINB	USA	BC		A3E							288	A		RED LION TX
G	BALDOCK	9265.000	20	06	0253			WINB	USA	BC		A3E							289	A		RED LION TX
KOR	CRMS	9275.000	03	04	1528	1528	21.8		PHL	BC		A3E							38		11	
KOR	CRMS	9275.000	15	05	1528	1528	1.3		PHL	BC		A3E									11	
KOR	CRMS	9275.000	11	06	1224	1224	5.6		PHL	BC		A3E									11	
J	TOKYO	9276.000	13	04	0144				CHN			H3E	120	E	31	23	N	34	240	B		TAIWAN
KOR	CRMS	9280.000	07	04	0628	0628	19.3		CHN	BC		A3E							53		11	
KOR	CRMS	9280.000	10	06	0923	0923	22.2		CHN	BC		A3E									11	
J	TOKYO	9280.110	06	04	0449			SOUND OF HOPE		BC		A3E	120	E	28	23	N	39	240	A	11	TAIWAN
J	TOKYO	9280.110	29	06	0620			SOUND OF HOPE		BC		A3E	120	E	31	23	N	26	240	B	11	TAIWAN
G	BALDOCK	9298.005	20	06	0258			?	RUS	FC		F1B							67	A		KALININGRAD?
J	TOKYO	9299.950	01	06	0022			SOUND OF HOPE		BC		A3E	121	E	32	25	N	11	242	B	11	TAIWAN
J	TOKYO	9299.950	29	06	0622			SOUND OF HOPE		BC		A3E	121	E	17	24	N	49	242	B	11	TAIWAN
J	TOKYO	9299.960	06	04	0451			SOUND OF HOPE		BC		A3E	120	E	05	24	N	31	241	B	11	TAIWAN
J	TOKYO	9299.960	13	04	0151			SOUND OF HOPE		BC		A3E	121	E	33	24	N	57	242	A	11	TAIWAN
J	TOKYO	9299.960	19	04	0011			SOUND OF HOPE		BC		A3E	120	E	58	24	N	05	240	A	11	TAIWAN
KOR	CRMS	9300.000	13	04	0353	0353	15.1		CHN	BC		A3E							53		11	
KOR	CRMS	9300.000	06	05	1011	1011	19.7		CHN	BC		A3E									11	
KOR	CRMS	9300.000	10	06	0923	0923	26.5		CHN	BC		A3E									11	
J	TOKYO	9304.000	13	04	0151				RUS			F1B	140	E	22	49	N	31	0	B		
G	BALDOCK	9310.000	05	04	1943			VOA - DEEWA RADIO	THA	BC		A3E							65	B		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
KOR	CRMS	9310.000	24	04	1528	1528	12.6		THA	BC		A3E							1		11	
KOR	CRMS	9310.000	03	06	1844	1844	16.6		THA	BC		A3E									11	
J	TOKYO	9320.000	06	04	0452				CHN	BC		A3E	115	E	53	39	N	54	290	B		
KOR	CRMS	9320.000	09	04	1225	1225	59.9		PHL	BC		A3E							33		11	
KOR	CRMS	9320.000	13	04	1228	1228	26.7		CHN	BC		A3E							52		11	
KOR	CRMS	9320.000	01	05	0654	0654	59.8		CHN	BC		A3E									11	
J	TOKYO	9320.020	06	04	0501			SOUND OF HOPE		BC		A3E	120	E	38	23	N	35	240	B	11	TAIWAN
J	TOKYO	9320.020	13	04	0152			SOUND OF HOPE		BC		A3E	121	E	29	25	N	00	242	B	11	TAIWAN
G	BALDOCK	9330.000	29	04	0021			WBCQ	USA	BC		A3E							288	A		MONTICELLO TX SITE
J	TOKYO	9339.800	29	06	0624			SOUND OF HOPE		BC		A3E	120	E	18	22	N	58	239	B	11	TAIWAN
J	TOKYO	9339.820	22	06	0755			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	9339.830	13	04	0152			SOUND OF HOPE		BC		A3E	121	E	28	24	N	59	242	B	11	TAIWAN
J	TOKYO	9339.840	06	04	0456			SOUND OF HOPE		BC		A3E	120	E	40	22	N	52	238	B	11	TAIWAN
J	TOKYO	9339.840	19	04	0013			SOUND OF HOPE		BC		A3E	120	E	52	22	N	43	238	B	11	TAIWAN
KOR	CRMS	9340.000	11	04	0944	0944	10.7		CHN	BC		A3E									11	
KOR	CRMS	9340.000	02	05	0947	0947	28.0		CHN	BC		A3E									11	
KOR	CRMS	9340.000	06	06	0036	0036	18.6		CHN	BC		A3E									11	
KOR	CRMS	9345.000	21	04	1520	1520	31.4		PHL	BC		A3E							10		11	
KOR	CRMS	9345.000	05	05	1541	1541	31.0		PHL	BC		A3E									11	
KOR	CRMS	9345.000	16	06	1529	1529	5.9		PHL	BC		A3E									11	
J	TOKYO	9350.000	13	04	0152				CHN	BC		A3E	114	E	58	39	N	10	288	B		
G	BALDOCK	9350.000	29	04	0022			WWCR	USA	BC		A3E							291	A		NASHVILLE TX SITE
KOR	CRMS	9350.000	02	05	0105	0105	31.6		TJK	BC		A3E									11	
KOR	CRMS	9350.000	18	05	1226	1226	20.8		PHL	BC		A3E									11	
KOR	CRMS	9350.000	11	06	1225	1225	24.8		PHL	BC		A3E									11	
KOR	CRMS	9350.000	15	06	1218	1218	19.5		TJK	BC		A3E									11	
KOR	CRMS	9355.000	14	04	1535	1535	4.4		TJK	BC		A3E							38		11	
KOR	CRMS	9355.000	08	05	1546	1546	51.1		TJK	BC		A3E									11	
G	BALDOCK	9360.000	05	04	1947			R FREE ASIA	KWT	BC		A3E	047	E	40	29	N	30	101	A		KUWAIT TX
J	TOKYO	9370.000	13	04	0153			CHINA N.R.		BC		A3E	112	E	00	37	N	05	282	B	11	
KOR	CRMS	9370.000	27	04	1240	1240	28.8		TJK	BC		A3E							38		11	
KOR	CRMS	9370.000	02	05	0106	0106	36.1		TJK	BC		A3E									11	
J	TOKYO	9380.000	06	04	0457				USA			F1B	144	E	43	13	N	18	169	B		GUM
J	TOKYO	9380.000	01	06	0027				USA			F1B	144	E	52	13	N	33	168	A		GUM
J	TOKYO	9380.000	22	06	0756				USA			F1B	144	E	39	13	N	20	169	B		GUM
J	TOKYO	9380.000	29	06	0626				USA			F1B	144	E	48	13	N	31	168	B		GUM
KOR	CRMS	9390.000	24	04	1531	1531	40.8		TJK	BC		A3E							30		11	
KOR	CRMS	9390.000	05	05	1542	1542	47.2		TJK	BC		A3E									11	
KOR	CRMS	9390.000	06	06	1828	1828	52.8		TJK	BC		A3E									11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9390.000	26	06	1529	1529	36.1		UZB	BC		A3E									11	
J	TOKYO	9395.000	06	04	0459					BC		A3E							40	C		
G	BALDOCK	9395.000	29	04	0023			WRMI OLDIES WITH BOB BIERMANN	USA	BC		A3E							280	A		
G	BALDOCK	9395.000	05	06	0309			WRMI OLDIES WITH BOB BIERMANN	USA	BC		A3E							280	A		
J	TOKYO	9395.000	22	06	0756					BC		A3E							36	C		
KOR	CRMS	9400.000	01	04	1831	1831	37.6		BUL	BC		A3E									6	
G	BALDOCK	9400.000	05	04	1954			THE OVERCOMER MINISTRY	BUL	BC		A3E							111	A		KOSTINBROD (SOFIA)
KOR	CRMS	9400.000	09	04	1226	1226	37.8		PHL	BC		A3E									6	
KOR	CRMS	9400.000	11	04	0945	0945	17.9		CHN	BC		A3E									6	
G	BALDOCK	9400.000	03	05	1300			FEBC RADIO	PHL	BC		A3E							58	B		IBA TX SITE
KOR	CRMS	9400.000	04	05	1232	1232	33.4		PHL	BC		A3E									6	
KOR	CRMS	9400.000	13	05	0918	0918	13.1		CHN	BC		A3E									6	
KOR	CRMS	9400.000	03	06	0937	0937	47.7		CHN	BC		A3E									6	
KOR	CRMS	9400.000	03	06	1847	1847	25.6		BUL	BC		A3E									6	
KOR	CRMS	9400.000	11	06	1225	1225	11.5		PHL	BC		A3E									6	
G	BALDOCK	9400.000	28	06	1859			THE OVERCOMER MINISTRY	BUL	BC		A3E							111	A		KOSTINBROD (SOFIA)
KOR	CRMS	9405.000	10	05	0028	0028	36.6		PHL	BC		A3E									6	
KOR	CRMS	9405.000	27	06	0004	0004	22.4		PHL	BC		A3E									6	
J	TOKYO	9410.000	29	06	0631				CHN	BC		J3E	121	E	22	25	N	03	242	B		
G	BALDOCK	9413.000	03	05	1445			?		FX		F1B	020	E	26	54	N	34	71	A		SECURE 200 SHIFT 50 BDS
J	TOKYO	9417.000	06	04	0505				RUS			F1B	131	E	58	43	N	33	323	A		
J	TOKYO	9417.000	22	06	0808				RUS			F1B	131	E	30	43	N	50	323	B		
KOR	CRMS	9420.000	06	04	2131	2131	39.1		GRC	BC		A3E									6	
J	TOKYO	9420.000	13	04	0205				CHN	BC		D7W	126	E	26	46	N	20	320	B		
G	BALDOCK	9420.000	03	05	1354			CNR 13	CHN	BC		A3E							59	B		LINGSHI TX SITE
G	BALDOCK	9420.000	05	06	0313			HELLINIKI RADIOPHONIA	GRC	BC		A3E							119	A		AVLIS TX SITE
KOR	CRMS	9420.000	07	06	0935	0935	54.6	CNR	CHN	BC	9K84E	A3E									3	
KOR	CRMS	9425.000	26	05	1547	1547	45.6		KRE	BC		A3E									6	
G	BALDOCK	9440.000	05	06	0320			RADIO ROMANIA INTERNATIONAL	ROU	BC		A3E							95	A		GALBENI-BACAU TX
KOR	CRMS	9445.000	17	04	0643	0643	32.6	KCB	KRE	BC		A3E									3	
KOR	CRMS	9445.000	12	05	0642	0642	3.8	KCB	KRE	BC		A3E									3	
KOR	CRMS	9445.000	11	06	2121	2121	10.8		KRE	BC		A3E									6	
G	BALDOCK	9450.000	05	06	0223			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	A		KASHI-SAIBAGH TX SITE
KOR	CRMS	9460.000	24	05	1957	1957	25.3		TUR	BC		A3E									6	
KOR	CRMS	9460.000	03	06	1849	1849	18.8		TUR	BC		A3E									6	
G	BALDOCK	9460.000	28	06	1902			VOICE OF TURKEY	TUR	BC		A3E							105	A		EMIRLER TX SITE
G	BALDOCK	9465.000	05	06	0325			VOICE OF TURKEY	TUR	BC		A3E							104	A		EMIRLER TX SITE
KOR	CRMS	9475.000	13	04	1229	1229	39.1		IRN	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9475.000	30	04	1223	1223	49.1		CHN	BC		A3E									6	
KOR	CRMS	9475.000	18	05	1228	1228	24.4		CHN	BC		A3E									6	
KOR	CRMS	9475.000	11	06	1227	1227	22.9		CHN	BC		A3E									6	
G	BALDOCK	9480.000	28	06	1904			CNR 11	CHN	BC		A3E							55	B		XIANYANG TX SITE
G	BALDOCK	9490.000	22	06	0556			NHK WORLD RADIO JAPAN	D	BC		A3E							81	A		NAUEN TX SITE
G	BALDOCK	9495.000	05	06	0331			RIR2 DE RBHV ZZD?	RUS	FX		A1A							28	A		
KOR	CRMS	9500.000	04	04	1832	1832	37.8		ROU	BC		A3E									6	
KOR	CRMS	9500.000	10	05	1840	1840	35.0		ROU	BC		A3E									6	
KOR	CRMS	9500.000	03	06	1850	1850	32.6		ROU	BC		A3E									6	
G	BALDOCK	9500.000	28	06	1909			RADIO ROMANIA INTERNATIONAL	ROU	BC		A3E	028	E	51	46	N	45	96	A		GALBENIA-BACAU
KOR	CRMS	9505.000	24	04	1533	1533	40.3		TUR	BC		A3E									6	
G	BALDOCK	9515.000	28	06	1912			KBS WORLD RADIO	KOR	BC		A3E							40	B		KIMJAE TX SITE
KOR	CRMS	9520.000	08	06	0423	0423	39.5	CNR	CHN	BC		A3E									3	
KOR	CRMS	9525.000	01	04	1834	1834	46.4		F	BC		A3E									6	
KOR	CRMS	9525.000	09	05	1932	1932	47.0	CRI	CHN	BC		A3E									3	
G	BALDOCK	9525.000	05	06	0336			VOICE OF WELT (RADYO DENG WELAT)	F	BC		A3E							157	A		ISSOUDON TX SITE
KOR	CRMS	9525.000	06	06	1830	1830	37.9		F	BC		A3E									6	
G	BALDOCK	9525.000	22	06	0559			RADYO DENG WELAT	F	BC		A3E							105	B		ISSOUDUN TX
KOR	CRMS	9530.000	05	04	0043	0043	50.1		CHN	BC		A3E									6	
KOR	CRMS	9530.000	24	04	1534	1534	36.3		KWT	BC		A3E									6	
KOR	CRMS	9530.000	05	05	1544	1544	42.2		KWT	BC		A3E									6	
KOR	CRMS	9530.000	11	05	0437	0437	5.4	CNR	CHN	BC		A3E									3	
KOR	CRMS	9530.000	13	06	0027	0027	7.0	CNR	CHN	BC		A3E									3	
J	TOKYO	9535.000	01	04	2200			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	9535.000	22	04	2200			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	9535.000	15	05	0632			RADIO ALGERIENNE	F	BC		A3E							160	B		
G	BALDOCK	9535.000	05	06	0338			R HABANA CUBA	CUB	BC		A3E							279	B		BEJUCAL TX
KOR	CRMS	9540.000	11	04	0947	0947	27.8		CHN	BC		A3E									6	
KOR	CRMS	9540.000	21	04	0643	0643	40.7		ARM	BC		A3E									6	
KOR	CRMS	9540.000	14	05	2120	2120	8.8		USA	BC		A3E									6	
KOR	CRMS	9540.000	08	06	2129	2129	56.4	AGM	USA	BC		A3E									3	
KOR	CRMS	9545.000	28	04	1525	1525	53.0		CHN	BC		A3E									6	
KOR	CRMS	9555.000	20	04	1213	1213	41.3		CHN	BC		A3E									6	
KOR	CRMS	9555.000	18	05	1230	1230	28.5		CHN	BC		A3E									6	
KOR	CRMS	9560.000	05	04	0945	0945	24.1	CNR	CHN	BC		A3E									3	
KOR	CRMS	9560.000	30	04	2129	2129	43.1		J	BC		A3E									6	
KOR	CRMS	9560.000	05	05	0629	0629	25.9	CNR	CHN	BC		A3E									3	
KOR	CRMS	9560.000	07	06	0935	0935	37.0	CNR	CHN	BC		A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	9560.000	28	06	1916			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							43	B		BEIJING TX SITE
G	BALDOCK	9570.000	05	06	0351			CNR 2 CHINA BUSINESS RADIO	CHN	BC		A3E	094	E	59	36	N	25	62	D		GOLMUD TX
KOR	CRMS	9570.000	09	06	1523	1523	46.9		CHN	BC		A3E									6	
G	BALDOCK	9574.000	05	06	0339			?	RUS	FX		F1B	019	E	27	54	N	48	70	A		KALINGRAD
KOR	CRMS	9575.000	10	05	1844	1844	38.9		SWZ	BC		A3E									6	
KOR	CRMS	9575.000	30	05	2020	2020	22.4		ROU	BC		A3E									6	
KOR	CRMS	9580.000	06	04	2135	2135	59.5		USA	BC		A3E									6	
J	TOKYO	9580.000	21	04	0100			KBS WORLD R.	KOR	BC		A3E										
KOR	CRMS	9580.000	18	05	2131	2131	15.2		USA	BC		A3E									6	
G	BALDOCK	9580.000	05	06	0355			CHINA RADIO INTERNATIONAL	CUB	BC		A3E	082	W	17	22	N	49	279	B		QUIVICAN TX
KOR	CRMS	9580.000	11	06	1228	1228	22.2		CHN	BC		A3E									6	
KOR	CRMS	9580.000	11	06	2123	2123	7.5		USA	BC		A3E									6	
J	TOKYO	9585.000	22	04	1500			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	9585.000	03	06	1852	1852	24.8	BBC	UAE	BC		A3E									3	
G	BALDOCK	9590.000	05	06	0358			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							77	A		KASHI-SAIBAGH TX SITE
KOR	CRMS	9600.000	05	04	0945	0945	21.3	CNR	CHN	BC		A3E									3	
KOR	CRMS	9600.000	24	04	1536	1536	20.8		UZB	BC		A3E									6	
KOR	CRMS	9600.000	23	05	0917	0917	10.3	CNR	CHN	BC		A3E									3	
G	BALDOCK	9600.000	05	06	0400			PBS XINJIANG	CHN	BC		A3E							64	B		URUMQI TX SITE
G	BALDOCK	9600.000	28	06	1917			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							44	B		BEIJING TX SITE
KOR	CRMS	9610.000	20	05	1124	1124	-0.3	CRI	CHN	BC		A3E									3	
KOR	CRMS	9610.000	30	05	1019	1019	56.1		CHN	BC		A3E									6	
KOR	CRMS	9610.000	08	06	0424	0424	49.9	CNR	CHN	BC		A3E									3	
KOR	CRMS	9610.000	27	06	1021	1021	52.8		CHN	BC		A3E									6	
KOR	CRMS	9615.000	19	05	1529	1529	18.9		PHL	BC		A3E									6	
KOR	CRMS	9620.000	06	04	0433	0433	60.4		CHN	BC		A3E									6	
KOR	CRMS	9620.000	05	06	0619	0619	25.1	CNR	CHN	BC		A3E									3	
KOR	CRMS	9630.000	03	06	0036	0036	25.1	CNR	CHN	BC		A3E									3	
G	BALDOCK	9630.000	05	06	0644			CNR 1 VOICE OF CHINA	CHN	BC		A3E							62	B		GOLMUD TX SITE
G	BALDOCK	9630.000	22	06	0603			ADVENTIST WORLD RADIO	AUT	BC		A3E							104	B		MOOSBRUNN TX
KOR	CRMS	9635.000	13	04	0356	0356	25.0		CHN	BC		A3E									6	
KOR	CRMS	9635.000	17	05	0924	0924	7.6		CHN	BC		A3E									6	
KOR	CRMS	9635.000	14	06	0936	0936	21.8		CHN	BC		A3E									6	
KOR	CRMS	9645.000	11	04	0948	0948	14.7		CHN	BC		A3E									6	
J	TOKYO	9650.000	22	04	2113			V.O. KOREA	KRE	BC		A3E										
KOR	CRMS	9650.000	08	06	2134	2134	34.9	KCB	KRE	BC		A3E									3	
INS	MSWR-MERAUKE	9654.000	27	06	2100	2115	7.2	CHINA RADIO INTERNATIONAL	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
KOR	CRMS	9660.000	08	06	1240	1240	57.9	CNR	CHN	BC		A3E									3	
KOR	CRMS	9665.000	27	04	0439	0439	40.6		KRE	BC		A3E									6	
KOR	CRMS	9665.000	18	05	0441	0441	16.3		KRE	BC		A3E									6	
G	BALDOCK	9665.000	05	06	0405			R VOZ MISSIONARIA	B	BC		A3E							223	B		CAMBORIU SC TX SITE
KOR	CRMS	9665.000	13	06	0931	0931	-6.6		KRE	BC		A3E									6	
KOR	CRMS	9665.000	23	06	1518	1518	48.8		CHN	BC		A3E									6	
G	BALDOCK	9670.000	05	06	0410			CHANNEL 292 ENCORE	D	BC		A3E							106	B		ROHRBACH WAAL TX SITE
KOR	CRMS	9675.000	06	05	1922	1922	45.3		ARS	BC		A3E									6	
KOR	CRMS	9675.000	12	06	0624	0624	1.3		CHN	BC		A3E									6	
KOR	CRMS	9685.000	06	04	2137	2137	50.2		KWT	BC		A3E									6	
KOR	CRMS	9685.000	01	05	1531	1531	52.0		CHN	BC		A3E									6	
KOR	CRMS	9685.000	03	05	1005	1005	46.1		USA	BC		A3E									6	
KOR	CRMS	9685.000	18	05	2133	2133	10.9		KWT	BC		A3E									6	
KOR	CRMS	9685.000	08	06	2135	2135	52.7		KWT	BC		A3E									3	
KOR	CRMS	9685.000	26	06	1532	1532	46.9		CHN	BC		A3E									6	
KOR	CRMS	9685.000	27	06	1024	1024	35.1		USA	BC		A3E									6	
KOR	CRMS	9695.000	07	04	1549	1549	30.8		ARS	BC		A3E									6	
KOR	CRMS	9695.000	12	04	0946	0946	30.6		USA	BC		A3E									6	
KOR	CRMS	9695.000	26	04	0926	0926	32.2		CHN	BC		A3E									6	
KOR	CRMS	9695.000	16	05	0929	0929	30.3		USA	BC		A3E									6	
KOR	CRMS	9695.000	23	05	0919	0919	32.9		CHN	BC		A3E									6	
KOR	CRMS	9695.000	14	06	0937	0937	27.4		USA	BC		A3E									6	
KOR	CRMS	9705.000	29	04	0104	0104	23.7		TJK	BC		A3E									6	
G	BALDOCK	9705.000	05	06	0431			PBS XINJIANG	CHN	BC		A3E	086	E	53	44	N	08	60	B		URUMQI TX
G	BALDOCK	9710.000	05	06	2220			R. HABANA CUBA	CUB	BC		A3E	082	W	23	22	N	56	277	B		BEJUCAL TX SITE
KOR	CRMS	9710.000	08	06	2135	2135	57.7	CNR	CHN	BC		A3E									3	
G	BALDOCK	9715.000	22	06	0610			VOICE OF AMERICA	CVA	BC									134	A		SANTA MARIA GALERIA
KOR	CRMS	9730.000	13	04	0358	0358	13.2		CHN	BC		A3E									6	
KOR	CRMS	9730.000	27	04	0441	0441	46.2		KRE	BC		A3E									6	
KOR	CRMS	9730.000	14	05	0421	0421	8.7		CHN	BC		A3E									6	
KOR	CRMS	9730.000	18	05	0441	0441	15.7		KRE	BC		A3E									6	
KOR	CRMS	9730.000	02	06	0638	0638	41.5		CHN	BC		A3E									6	
KOR	CRMS	9730.000	23	06	0635	0635	37.8		KRE	BC		A3E									6	
KOR	CRMS	9735.000	28	05	1231	1231	36.6		CHN	BC		A3E									6	
KOR	CRMS	9745.000	03	05	0043	0043	36.9		CHN	BC		A3E									6	
KOR	CRMS	9765.000	24	04	1539	1539	29.0		TUR	BC		A3E									6	
G	BALDOCK	9770.000	23	06	0501			VOICE OF TURKEY		BC		A3E	032	E	51	39	N	29	105	A		EMIRLER TX SITE
G	BALDOCK	9780.000	05	06	0435			PBS QINGHAI	CHN	BC		A3E							59	B		XINING TX SITE
KOR	CRMS	9780.000	08	06	0427	0427	26.4	CNR	CHN	BC		A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	9785.000	12	06	0625	0625	12.6		CHN	BC		A3E									6	
G	BALDOCK	9790.000	05	06	0440			CHINA RADIO INTERNATIONAL	CUB	BC		A3E							278	C		QUIVICAN TX SITE
G	BALDOCK	9790.000	22	06	0611			RADIO FRANCE INTERNATIONAL	F	BC		A3E							161	B		ISSOUDUN TX SITE
KOR	CRMS	9795.000	18	05	1234	1234	4.7		USA	BC		A3E									6	
KOR	CRMS	9800.000	19	04	0159	0159	7.8		CHN	BC		A3E									6	
KOR	CRMS	9800.000	26	06	1534	1534	31.0		USA	BC		A3E									6	
J	TOKYO	9805.000	21	04	0955			KBS WORLD R.	KOR	BC		A3E										
KOR	CRMS	9810.000	06	06	1836	1836	38.4		AUT	BC		A3E									6	
KOR	CRMS	9810.000	08	06	0428	0428	46.2	CNR	CHN	BC		A3E									3	
KOR	CRMS	9830.000	08	06	2136	2136	61.2	CNR	CHN	BC		A3E									3	
KOR	CRMS	9830.000	21	06	1829	1829	17.7	AGM	STP	BC		A3E									3	
G	BALDOCK	9835.000	05	06	0440			PBS XINJIANG	CHN	BC		A3E							63	B		URUMQI TX SITE
J	TOKYO	9839.760	21	04	1100			V.O. VIETNAM	VTN	BC		A3E										
G	BALDOCK	9840.000	05	06	0445			VOA DEEWA RADIO	UAE	BC		A3E							102	A		DHABBAYA TX
KOR	CRMS	9850.000	14	04	0631	0631	36.1		CHN	BC		A3E									6	
KOR	CRMS	9850.000	08	05	0649	0649	58.5		CHN	BC		A3E									6	
KOR	CRMS	9850.000	03	06	0942	0942	43.6	CNR	CHN	BC		A3E									3	
G	BALDOCK	9850.000	05	06	0445			RADIO ROMANIA INTERNATIONAL	ROU	BC		A3E							102	B		TIGANESTI-SAFTICA TX
KOR	CRMS	9855.000	01	04	0034	0034	49.3		CHN	BC		A3E									6	
KOR	CRMS	9855.000	04	04	0038	0038	56.3		KWT	BC		A3E									6	
KOR	CRMS	9855.000	03	05	0045	0045	44.2		KWT	BC		A3E									6	
KOR	CRMS	9855.000	07	06	0053	0053	46.6		KWT	BC		A3E									6	
KOR	CRMS	9855.000	21	06	0022	0022	29.9		CHN	BC		A3E									6	
KOR	CRMS	9860.000	25	05	2130	2130	46.5		IND	BC		A3E									6	
KOR	CRMS	9860.000	08	06	2137	2137	52.0	CNR	CHN	BC		A3E									3	
KOR	CRMS	9875.000	06	04	2140	2140	25.4	KCB	KRE	BC		A3E									3	
KOR	CRMS	9875.000	04	05	2142	2142	51.0	KCB	KRE	BC		A3E									3	
KOR	CRMS	9880.000	01	04	1840	1840	50.2		MDG	BC		A3E									6	
KOR	CRMS	9880.000	10	05	0034	0034	34.8		CHN	BC		A3E									6	
G	BALDOCK	9880.000	05	06	0452			BBC WORLD SERVICE	BUL	BC		A3E							110	A		KOSTINBROD (SOFIA) TX
KOR	CRMS	9885.000	30	04	1230	1230	59.3		CHN	BC		A3E									6	
KOR	CRMS	9885.000	04	05	1245	1245	55.5		CHN	BC		A3E									6	
KOR	CRMS	9895.000	09	04	1233	1233	67.0		USA	BC		A3E									6	
KOR	CRMS	9900.000	01	04	1841	1841	28.8		SNG	BC		A3E									6	
G	BALDOCK	9900.000	05	06	0455			VO ISLAMIC REP.IRAN	IRN	BC		A3E							90	A		ZAHEDAN TX
KOR	CRMS	9910.000	14	04	1539	1539	6.0		USA	BC		A3E							24		11	
KOR	CRMS	9910.000	19	06	1601	1601	15.5		USA	BC		A3E									11	
G	BALDOCK	9915.000	23	06	0506			BBC WORLD SERVICE	MDG	BC		A3E							134	B		TALAT-VOLONONDRY TX

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	9915.010	06	04	0510			BBC		BC		A3E							75	C	11	
D	KREFELD	9915.010	26	05	0400	0600		B.B.C.	MDG	BC	10K0E	A3E							142			TALATA-VOLONONDRY
J	TOKYO	9919.960	06	04	0513			SOUND OF HOPE		BC		A3E	120	E	50	23	N	35	240	B	11	TAIWAN
J	TOKYO	9919.960	13	04	0208				CHN	BC		D7W	120	E	32	23	N	34	240	B		
J	TOKYO	9919.970	22	06	0811				CHN	BC		A3E	120	E	35	23	N	32	240	B		
J	TOKYO	9919.970	29	06	0635			SOUND OF HOPE		BC		A3E	120	E	40	23	N	28	240	B	11	TAIWAN
KOR	CRMS	9920.000	01	04	0942	0942	36.5		CHN	BC		A3E							53		11	
KOR	CRMS	9920.000	01	04	1841	1841	38.3		THA	BC		A3E							1		11	
KOR	CRMS	9920.000	04	05	2142	2142	33.1		CHN	BC		A3E									11	
KOR	CRMS	9920.000	10	05	1850	1850	38.1		THA	BC		A3E									11	
KOR	CRMS	9920.000	18	05	1236	1236	6.5		PHL	BC		A3E									11	
D	KREFELD	9920.000	31	05	1200	1330		F.E.B.C.	PHL	BC	10K0E	A3E							69			IBA
D	KREFELD	9920.000	31	05	1400	1500		V.O.A.	KWT	BC	10K0E	A3E							110			KUWAIT
KOR	CRMS	9920.000	02	06	0640	0640	16.9		CHN	BC		A3E									11	
KOR	CRMS	9920.000	03	06	1857	1857	31.0		THA	BC		A3E									11	
KOR	CRMS	9940.000	03	04	1536	1536	57.2		KWT	BC		A3E							23		11	
KOR	CRMS	9940.000	01	05	1534	1534	50.8		KWT	BC		A3E									11	
KOR	CRMS	9940.000	07	05	1304	1304	67.0		CHN	BC		A3E									11	
D	KREFELD	9940.000	27	05	1300	1330		NIPPON NO KAZE	CHN	BC	10K0E	A3E							56			TAIPEI
KOR	CRMS	9940.000	12	06	1532	1532	17.7		KWT	BC		A3E									11	
KOR	CRMS	9940.000	24	06	1842	1842	22.9		MDA	BC		A3E									11	
D	KREFELD	9949.800	27	05	0845	1000		A.I.R.	IND	BC	10K0E	A3E							85			DELHI
D	KREFELD	9949.800	31	05	1330	1430		A.I.R.	IND	BC	10K0E	A3E							85			DELHI
KOR	CRMS	9965.000	04	04	0944	0944	44.0		PLW	BC		A3E							40		11	
KOR	CRMS	9965.000	16	05	0933	0933	20.9		PLW	BC		A3E									11	
KOR	CRMS	9965.000	06	06	0930	0930	49.6		PLW	BC		A3E									11	
J	TOKYO	9965.000	22	06	0812				PLW	BC		A3E	134	E	33	07	N	29	192	B		
J	TOKYO	9969.970	06	04	0514			SOUND OF HOPE		BC		A3E	121	E	00	24	N	31	241	B	11	TAIWAN
J	TOKYO	9969.970	29	06	0637			SOUND OF HOPE		BC		A3E	121	E	22	24	N	38	241	B	11	TAIWAN
KOR	CRMS	9970.000	01	04	1843	1843	32.5		USA	BC		A3E							34		11	
KOR	CRMS	9970.000	05	04	0949	0949	21.8		CHN	BC		A3E							23		11	
KOR	CRMS	9970.000	04	05	2143	2143	24.5		CHN	BC		A3E									11	
KOR	CRMS	9970.000	10	05	1851	1851	67.5		USA	BC		A3E									11	
KOR	CRMS	9970.000	03	06	0944	0944	32.2		CHN	BC		A3E									11	
KOR	CRMS	9970.000	03	06	1858	1858	61.4		USA	BC		A3E									11	
J	TOKYO	9975.000	06	04	0515				USA	BC		A3E	116	W	55	35	N	21	54	A		
KOR	CRMS	9975.000	07	05	1305	1305	38.6		USA	BC		A3E									11	
D	KREFELD	9975.000	26	05	0000	0615		VOICE OF HOPE	USA	BC	10K0E	A3E							318			RANCHO SIMI
D	KREFELD	9975.000	27	05	1300	1345		K.T.W.R	USA	BC	10K0E	A3E							48			AGANA

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
D	KREFELD	9975.000	31	05	1200	1230		K.T.W.R	USA	BC	10K0E	A3E							48			AGANA
G	BALDOCK	9975.000	23	06	0511			KVOH VOICE OF HOPE	USA	BC		A3E							310	B		RNCHI SIMI TX
INS	MSTM-MEDAN	9980.000	07	05	0235	0240	28.0	SOH Xi Wang Zhi Sheng	CHN	BC	8K00E	A3E										Radio BC
D	KREFELD	9987.003	02	06	0816	0935			RUS	FX	400H	F1B							26			MURMANSK
D	KREFELD	9987.003	02	06	1205	1334			RUS	FX	400H	F1B							26			MURMANSK
KOR	CRMS	9990.000	09	04	2143	2143	5.9		CHN	BC		A3E							53		11	
KOR	CRMS	9990.000	14	04	1540	1540	22.5		USA	BC		A3E							34		11	
KOR	CRMS	9990.000	12	05	1525	1525	3.3		USA	BC		A3E									11	
KOR	CRMS	9990.000	15	05	0736	0736	12.0		CHN	BC		A3E									11	
KOR	CRMS	9990.000	09	06	1527	1527	46.8		CHN	BC		A3E									11	
KOR	CRMS	9990.000	16	06	1536	1536	10.1		USA	BC		A3E									11	
D	KREFELD	9996.000	27	05	0000	2400		RWM	RUS		100HE	A1A							61			
G	BALDOCK	9996.000	23	06	0526			RWM	RUS	LR		A1A							63	B		N0N & A1A TRANSMISSION
J	TOKYO	10000.000	06	04	0519			WWV		SS		AXW										
J	TOKYO	10000.000	06	04	0519			WWVH		SS		AXW							88	B		
J	TOKYO	10000.000	06	04	0519			BPM		SS		AXW	109	E	04	33	N	58	275	B		
G	BALDOCK	10000.000	09	04	1846			WWW.ASSOCIAZIONEITALC ABLE.IT	I	LR									135	B		FSK KEYING ALSO
J	TOKYO	10000.000	13	04	0209			BPM		SS		AXW										
J	TOKYO	10000.000	13	04	0209			WWVH		SS		AXW										
J	TOKYO	10000.000	19	04	0025			BPM		SS		AXW	109	E	05	34	N	16	276	A		
J	TOKYO	10000.000	01	06	0042			BPM		SS		AXW	109	E	02	34	N	06	276	B		
J	TOKYO	10000.000	22	06	0813			WWVH		SS		AXW										
J	TOKYO	10000.000	22	06	0813			BPM		SS		AXW										
G	BALDOCK	10000.000	23	06	0514			WWV (FORT COLLINS COLORADO)	USA	SS		H3E							307	B		UTC TIME SIGNAL
J	TOKYO	10000.000	29	06	0638			BPM		SS		AXW	110	E	47	34	N	02	275	B		
J	TOKYO	10000.000	29	06	0638			WWV		SS		AXW										
J	TOKYO	10000.000	29	06	0638			WWVH		SS		AXW	159	W	25	22	N	11	87	B		
INS	MSTM-MEDAN	10010.000	07	05	0255	0300	0.0	Unknown		FX	2K80E	J3E										Komrad
J	TOKYO	10027.000	29	06	0649			MOLOKAI		FA		J2D										
J	TOKYO	10076.700	19	04	0033				CHN			A1A	121	E	34	31	N	15	259	B		
J	TOKYO	10076.700	01	06	0046				CHN			A1A	121	E	29	31	N	22	260	B		
J	TOKYO	10076.810	13	04	0211				CHN				120	E	53	31	N	30	201	B		
G	BALDOCK	10100.800	06	05	1150			DDH (HAMBURG)	D	FC		F1B							74	B		50 BD ITA2 METEO
KOR	CRMS	10160.000	26	04	1200	1200	16.7		CHN	BC		A3E							53		11	
KOR	CRMS	10160.000	21	05	0706	0706	47.3		CHN	BC		A3E									11	
KOR	CRMS	10160.000	07	06	0412	0412	7.0		CHN	BC		A3E									11	
J	TOKYO	10160.010	06	04	0526			SOUND OF HOPE		BC		A3E	127	E	45	36	N	23	278	A	11	KOR
J	TOKYO	10160.010	01	06	0050			SOUND OF HOPE		BC		A3E	127	E	41	36	N	15	277	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	10160.030	13	04	0218			SOUND OF HOPE		BC		A3E	128	E	20	36	N	25	279	B	11	KOR
J	TOKYO	10160.030	19	04	0038			SOUND OF HOPE		BC		A3E	128	E	39	36	N	23	278	B	11	KOR
G	BALDOCK	10182.000	15	05	1302			?	RUS	MS		J7D							70	B		KALININGRAD
J	TOKYO	10185.000	29	06	0653				RUS			F1B	102	E	34	54	N	12	317	B		
G	BALDOCK	10187.900	06	05	1145			?	E	FX		G1D							169	A		
J	TOKYO	10192.000	06	04	0527				RUS			F1B	132	E	36	43	N	11	324	B		
J	TOKYO	10192.000	13	04	0219				RUS			F1B	132	E	32	43	N	02	323	B		
J	TOKYO	10192.000	19	04	0041				RUS			F1B	132	E	49	42	N	57	323	A		
J	TOKYO	10192.000	29	06	0655				RUS			F1B	133	E	06	43	N	02	325	A		
J	TOKYO	10192.010	01	06	0055				RUS			F1B	132	E	46	43	N	03	324	A		
G	BALDOCK	10197.000	15	05	0940			?	D	FX		G1D	009	E	21	54	N	40	67	A		2400 BD STANAG 4285
INS	MSTM-MEDAN	10230.000	06	05	0305	0310	15.0	Unknown		FX	2K80E	J3E										Komrad
J	TOKYO	10243.010	06	04	0531				RUS			A1A	136	E	56	50	N	08	351	B		
J	TOKYO	10250.000	29	06	0658				RUS			F1B	138	E	52	47	N	35	355	B		
INS	MSTM-MEDAN	10265.000	05	05	0115	0120	34.0	Unknown		FX	2K80E	J3E										Komrad
G	BALDOCK	10265.800	15	05	1312			?	F	FX		G1D							140	C		
J	TOKYO	10284.030	13	04	0221							A1A										
INS	MSTM-MEDAN	10310.000	05	05	0150	0155	28.0	Unknown		FX	2K00E	J3E										Komrad
INS	MSTM-MEDAN	10330.000	05	05	0200	0210	28.0	Unknown		FX		J3E										Komrad
J	TOKYO	10330.000	01	06	0114							A1A										
INS	MSTM-MEDAN	10366.000	05	05	0230	0235	28.0	Unknown		FX	2K80E	J3E										Komrad
G	BALDOCK	10405.000	03	04	1727			?	RUS	FX		F1B							65	A		
J	TOKYO	10430.000	06	04	0535				USA			F1B	117	E	53	37	N	39	52	A		
J	TOKYO	10430.000	22	06	0816							F1B							48	C		
J	TOKYO	10430.000	29	06	0706				USA			F1B	119	W	09	36	N	01	50	B		
J	TOKYO	10456.000	22	06	0816				CHN			A1A	117	E	12	39	N	55	291	B		
J	TOKYO	10545.000	06	04	0421				RUS			J3E	132	E	04	43	N	14	322	A		
J	TOKYO	10554.500	22	06	0754														202	C		
J	TOKYO	10555.000	18	04	2348			VMW				F3C							200	B		
J	TOKYO	10555.000	01	06	0003			VMW				F3C							201	B		
J	TOKYO	10570.000	18	04	2349				CHN				110	E	03	40	N	14	290	B		
INS	MSTM-MEDAN	10650.000	04	05	0315	0325	22.0	Unknown		FX	2K80E	J3E										Komrad
J	TOKYO	10652.000	01	06	0009							A1A										
J	TOKYO	10652.990	13	04	0136				RUS			F1B	135	E	04	48	N	22	344	A		
J	TOKYO	10653.000	06	04	0440				RUS				135	E	25	48	N	06	344	A		
INS	MSTM-MEDAN	10670.000	04	05	0330	0335	34.0	Unknown		FX	2K80E	J3E										Komrad
INS	MSTM-MEDAN	10676.000	04	05	0335	0340	15.0	Unknown		FX	2K80E	J3E										Komrad
J	TOKYO	10691.000	06	04	0451				CHN			J3E	115	E	04	39	N	32	289	B		
G	BALDOCK	10694.500	30	06	0235			RUSSIAN PULSE	RUS	LR									68	A		PENZA

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	10706.000	01	06	0012							A1A										
INS	MSTM-MEDAN	10707.000	04	05	0355	0400	15.0	Unknown		FX	2K80E	J3E										Komrad
J	TOKYO	10819.870	06	04	0457			SOUND OF HOPE		BC		A3E	121	E	01	24	N	52	242	B	11	TAIWAN
J	TOKYO	10819.870	13	04	0140			SOUND OF HOPE		BC		A3E	120	E	53	23	N	59	241	A	11	TAIWAN
J	TOKYO	10819.870	18	04	2349			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10819.870	01	06	0014			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10819.870	22	06	0804			SOUND OF HOPE		BC		A3E	120	E	45	23	N	59	241	B	11	TAIWAN
J	TOKYO	10819.870	29	06	0607			SOUND OF HOPE		BC		A3E	121	E	32	25	N	02	242	B	11	TAIWAN
KOR	CRMS	10820.000	22	04	0302	0302	23.9		CHN	BC		A3E							53		11	
KOR	CRMS	10820.000	04	05	0609	0609	2.8		CHN	BC		A3E									11	
KOR	CRMS	10820.000	21	06	0332	0332	20.0		CHN	BC		A3E									11	
INS	MSTM-MEDAN	10850.000	30	04	0415	0423	8.0	Unknown	INS	FX	2K60E	J3E										Komrad
J	TOKYO	10869.880	06	04	0509			SOUND OF HOPE		BC		A3E	120	E	36	23	N	09	239	B	11	TAIWAN
J	TOKYO	10869.880	01	06	0015			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10869.880	22	06	0812			SOUND OF HOPE		BC		A3E	120	E	16	23	N	26	240	B	11	TAIWAN
J	TOKYO	10869.890	18	04	2355			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	10870.000	07	04	0020	0020	18.4		CHN	BC		A3E							53		11	
KOR	CRMS	10870.000	22	05	0006	0006	20.0		CHN	BC		A3E									11	
KOR	CRMS	10870.000	21	06	0332	0332	17.9		CHN	BC		A3E									11	
G	BALDOCK	10871.800	15	05	1328			P BEACON	RUS	RN		A1A	020	E	35	54	N	51	70	A		
J	TOKYO	10872.100	01	06	0016			A				A1A							300	A		
J	TOKYO	10872.200	06	04	0512			F				A1A	132	E	59	42	N	58	322	B		
J	TOKYO	10872.200	13	04	0147			F				A1A	132	E	51	42	N	49	323	B		
J	TOKYO	10872.200	18	04	2359			F				A1A							323	A		
J	TOKYO	10872.300	29	06	0610			K				A1A	156	E	46	53	N	16	27	B		
J	TOKYO	10872.390	06	04	0512			M				A1A	139	E	52	52	N	47	359	B		
J	TOKYO	10872.390	19	04	0000			M				A1A							0	B		
J	TOKYO	10872.390	01	06	0017			M				A1A							1	A		
J	TOKYO	10872.390	29	06	0610			M				A1A	139	E	13	50	N	01	356	B		
J	TOKYO	10889.500	19	04	0005			F				A1A							325	A		
J	TOKYO	10890.000	19	04	0003														306	A		
J	TOKYO	10891.650	06	04	0520			F				A1A	132	E	54	42	N	57	323	B		
J	TOKYO	10891.700	13	04	0150			F				A1A	132	E	41	42	N	51	323	B		
INS	MSTM-MEDAN	10895.000	30	04	0214	0226	6.0	Unknown	INS	FX	2K70E	J3E										Komrad Javanesse Language
INS	MSTM-MEDAN	10898.800	30	04	0437	0445	3.0	Unknown	INS	FX	2K00E	J3E										Komrad Javanesse Language
INS	MSTM-MEDAN	10903.000	30	04	0601	0609	7.0	Unknown	INS	FX	2K80E	J3E										Komrad Ethnic Language
INS	MSTM-MEDAN	10909.000	30	04	0711	0720	4.0	Unknown	INS	FX	2K40E	J3E										Komrad Ethnic Language
KOR	CRMS	10920.000	22	04	0303	0303	12.5		CHN	BC		A3E							53		11	
KOR	CRMS	10920.000	22	05	0006	0006	42.1		CHN	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	10920.100	06	04	0524			SOUND OF HOPE		BC		A3E	127	E	06	36	N	19	275	B	11	KOR
J	TOKYO	10920.100	13	04	0154			SOUND OF HOPE		BC		A3E	127	E	27	36	N	13	277	A	11	KOR
J	TOKYO	10920.100	19	04	0008			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	10920.100	01	06	0022			SOUND OF HOPE		BC		A3E									11	
INS	MSTM-MEDAN	10923.000	30	04	0233	0256	5.0	Unknown	INS	FX	2K30E	J3E										Komrad Ethnic Language
J	TOKYO	10959.720	13	04	0200			SOUND OF HOPE		BC		A3E	129	E	23	26	N	40	239	A	11	TAIWAN
J	TOKYO	10959.730	06	04	0530					BC		A3E	120	E	35	22	N	45	239	B		
J	TOKYO	10959.730	22	06	0817			SOUND OF HOPE		BC		A3E	120	E	37	23	N	00	239	B	11	TAIWAN
KOR	CRMS	10960.000	04	04	0415	0415	23.7		CHN	BC		A3E							52		11	
INS	MSTM-MEDAN	10960.000	30	04	0315	0322	5.0	SOH RELY RFA	CHN	BC	6K00E	A3E									11	
KOR	CRMS	10960.000	01	05	0914	0914	27.4		CHN	BC		A3E									11	
G	BALDOCK	10960.000	15	05	1329			SOH RELAY	CHN	BC		A3E	120	E	37	22	N	23	52	A		PINGTUNG TX
KOR	CRMS	10960.000	02	06	0935	0935	26.1		CHN	BC		A3E									11	
INS	MSTM-MEDAN	10971.000	30	04	0323	0337	3.0	Unknown	INS	FX	2K00E	J3E										Komrad Ethnic Language
G	BALDOCK	10984.000	03	04	1741			?	RUS			J7D							94	A		SEEVASTOPOL
INS	MSTM-MEDAN	10987.000	30	04	0338	0342	3.0	Unknown	INS	FX	2K00E	J3E										Komrad Ethnic Language
INS	MSTM-MEDAN	11012.000	30	04	0343	0350	20.0	Unknown	INS	FX	2K80E	J3E										Komrad Javanesse Language
J	TOKYO	11023.000	22	06	0823				CHN			A1A	115	E	40	39	N	53	290	A		
INS	MSTM-MEDAN	11025.000	30	04	0351	0359	3.0	Unknown	INS	FX	1K80E	J3E										Komrad Ethnic Language
G	BALDOCK	11030.000	03	04	1746			VMC	AUS	FC		F1C							58	B		WEATHER FACSIMILE
J	TOKYO	11030.400	22	06	0834				AUS				145	E	23	37	S	17	175	B		
G	BALDOCK	11038.905	15	05	1331			DDH 7	D	FC		F1B							70	A		
INS	MSTM-MEDAN	11039.300	30	04	0403	0410	3.0	Unknown	INS	FX	1K80E	J3E										Komrad Ethnic Language
INS	MSTM-MEDAN	11055.500	29	04	0458	0505	6.0	Unknown	INS	FX	2K70E	J3E										Komrad Javanesse Language
INS	MSTM-MEDAN	11065.600	29	04	0506	0514	5.0	Unknown	INS	FX	2K20E	J3E										Komrad Javanesse Language
J	TOKYO	11069.930	01	06	0026			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11069.950	22	06	0839			SOUND OF HOPE		BC		A3E	120	E	38	23	N	44	240	B	11	TAIWAN
J	TOKYO	11069.950	29	06	0615			SOUND OF HOPE		BC		A3E	121	E	24	24	N	57	242	B	11	TAIWAN
J	TOKYO	11069.960	06	04	0535			SOUND OF HOPE		BC		A3E	121	E	10	24	N	12	241	B	11	TAIWAN
J	TOKYO	11069.960	19	04	0010			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11070.000	21	04	0020	0020	26.1		CHN	BC		A3E							53		11	
KOR	CRMS	11070.000	22	05	0007	0007	23.5		CHN	BC		A3E									11	
KOR	CRMS	11070.000	21	06	0332	0332	22.4		CHN	BC		A3E									11	
INS	MSTM-MEDAN	11080.000	29	04	0133	0140	6.0	Unknown	INS	FX	2K70E	J3E										Komrad Javanesse Language
INS	MSTM-MEDAN	11082.500	29	04	0515	0522	4.0	Unknown	INS	FX	2K00E	J3E										komrad
J	TOKYO	11086.800	01	06	0027				RUS				131	E	54	43	N	25	322	A		
J	TOKYO	11089.990	29	06	0616				USA			F3C	157	W	58	21	N	37	87	B		HWA
J	TOKYO	11090.000	06	04	0541			KVM70				F3C	158	W	29	21	N	14	87	A		
J	TOKYO	11100.000	06	04	0551			SOUND OF HOPE		BC		A3E	120	E	57	24	N	17	241	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	11100.000	13	04	0208			SOUND OF HOPE		BC		A3E	121	E	29	24	N	44	241	A	11	TAIWAN
J	TOKYO	11100.000	19	04	0012			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11100.000	21	04	0907	0907	35.2		CHN	BC		A3E							53		11	
G	BALDOCK	11100.000	16	05	1806			? (SOH XI WANG ZHI SHENG?)	CHN	BC		A3E							55	B		
KOR	CRMS	11100.000	21	05	1502	1502	28.4		CHN	BC		A3E									11	
J	TOKYO	11100.000	01	06	0028			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11100.000	05	06	0905	0905	6.4		CHN	BC		A3E									11	
J	TOKYO	11100.000	29	06	0621			SOUND OF HOPE		BC		A3E	121	E	21	24	N	59	242	B	11	TAIWAN
J	TOKYO	11104.000	13	04	0213				RUS			F1B	131	E	57	43	N	25	323	A		
INS	MSTM-MEDAN	11111.250	29	04	0604	0613	4.0	Unknown	INS	FX	2K00E	J3E										Komrad Javanesse Language
KOR	CRMS	11120.000	08	04	1201	1201	16.7		CHN	BC		A3E							53		11	
KOR	CRMS	11120.000	21	05	1502	1502	29.0		CHN	BC		A3E									11	
J	TOKYO	11149.700	01	06	0031				CHN				111	E	41	22	N	42	250	A		
J	TOKYO	11149.910	22	06	0852			SOUND OF HOPE		BC		A3E	120	E	31	22	N	33	238	B	11	TAIWAN
J	TOKYO	11149.910	29	06	0622			SOUND OF HOPE		BC		A3E	121	E	21	24	N	27	241	B	11	TAIWAN
J	TOKYO	11149.920	19	04	0014			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11150.000	05	04	1207	1207	16.3		CHN	BC		A3E							53		11	
KOR	CRMS	11150.000	05	05	0935	0935	0.4		CHN	BC		A3E									11	
KOR	CRMS	11150.000	21	06	0332	0332	22.4		CHN	BC		A3E									11	
J	TOKYO	11161.000	22	06	0856				RUS			F1B	104	E	07	52	N	42	315	A		
KOR	CRMS	11170.000	11	05	0624	0624	12.9		CHN	BC		A3E									11	
KOR	CRMS	11170.000	22	06	0631	0631	22.2		CHN	BC		A3E									11	
J	TOKYO	11170.090	13	04	0216			SOUND OF HOPE		BC		A3E	121	E	27	24	N	49	241	A	11	TAIWAN
J	TOKYO	11170.090	19	04	0014			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11170.090	01	06	0034			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11170.090	29	06	0623			SOUND OF HOPE		BC		A3E	121	E	16	24	N	54	242	B	11	TAIWAN
G	BALDOCK	11184.000	03	04	1752			STATION ID 003 REYKJAVIK	ISL	FD		J1D							325	A		1800 BD ARINC HFDL
G	BALDOCK	11184.000	04	04	0935			?	RUS	LR		P0N							66	A		OTHR
INS	MSTM-MEDAN	11217.800	29	04	0419	0427	5.5	Unknown	INS	FX	2K70E	J3E										Komrad Javanesse Language
J	TOKYO	11234.000	29	06	0623				CHN			A1A	110	E	31	38	N	46	286	B		
INS	MSTM-MEDAN	11240.000	29	04	0432	0443	6.0	Unknown	INS	FX	2K70E	J3E										Komrad Javanesse Language
KOR	CRMS	11300.000	22	04	0304	0304	10.9		CHN	BC		A3E							53		11	
J	TOKYO	11306.000	01	06	0038			GUAM		FA		J2D										
J	TOKYO	11320.190	19	04	0016			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	11349.500	25	04	1012			TELDE- GRAN CANARIA	E	FA		J1D							211	B		
G	BALDOCK	11360.000	21	05	2115			?	RUS	FX		J7D	045	E	08	55	N	39	64	A		120 BD MS5
INS	MSTM-MEDAN	11387.000	28	04	0821	0827	20.0	Unknown		FA	3K00E	J3E										Komrad Aeronautical Communication
J	TOKYO	11392.030	19	04	0020			CHINA N.R.		BC		A3E							248		11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	11398.000	16	05	1812			RUS OTHR	RUS	LR		P0N							67	A		
KOR	CRMS	11410.000	04	04	0415	0415	24.0		CHN	BC		A3E							53		11	
J	TOKYO	11410.000	13	04	0221			CHINA N.R.		BC		A3E	119	E	17	26	N	24	249	A	11	
J	TOKYO	11410.000	19	04	0025			CHINA N.R.		BC		A3E							247		11	
INS	MSTM-MEDAN	11410.000	28	04	0828	0836	13.0	SOH Xi Wang Zhi Sheng	CHN	BC	7K00E	A3E									11	
KOR	CRMS	11410.000	01	05	0042	0042	14.5		CHN	BC		A3E									11	
J	TOKYO	11410.000	01	06	0040			CHINA N.R.		BC		A3E	087	E	17	43	N	37	298	B	11	
KOR	CRMS	11410.000	01	06	0656	0656	20.3		CHN	BC		A3E									11	
INS	MSTM-MEDAN	11425.000	28	04	0837	0844	7.0	Unknown	INS	FX	3K00E	J3E										Komrad Javanesse Language
KOR	CRMS	11430.000	21	04	0021	0021	41.4		CHN	BC		A3E							49		11	
KOR	CRMS	11430.000	29	05	0022	0022	37.6		CHN	BC		A3E									11	
J	TOKYO	11430.000	01	06	0042			XING XING B.S		BC		H3E	121	E	28	25	N	04	240	B		
KOR	CRMS	11430.000	09	06	0007	0007	5.7		CHN	BC		A3E									11	
J	TOKYO	11439.930	01	06	0048			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11439.930	29	06	0628			SOUND OF HOPE		BC		A3E	120	E	40	23	N	58	241	B	11	TAIWAN
J	TOKYO	11439.940	19	04	0026			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11440.000	21	04	0908	0908	26.8		CHN	BC		A3E							53		11	
KOR	CRMS	11440.000	22	05	0008	0008	26.0		CHN	BC		A3E									11	
KOR	CRMS	11440.000	05	06	0905	0905	8.8		CHN	BC		A3E									11	
KOR	CRMS	11460.000	21	04	0908	0908	27.3		CHN	BC		A3E							53		11	
INS	MSTM-MEDAN	11460.000	27	04	0111	0124	7.0	SOH Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E									11	
KOR	CRMS	11460.000	08	05	0929	0929	-2.1		CHN	BC		A3E									11	
KOR	CRMS	11460.000	21	06	0333	0333	21.2		CHN	BC		A3E									11	
J	TOKYO	11460.090	01	06	0048			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11460.090	29	06	0628			SOUND OF HOPE		BC		A3E	121	E	18	24	N	47	242	B	11	TAIWAN
J	TOKYO	11460.100	13	04	0224			SOUND OF HOPE		BC		A3E	121	E	12	24	N	33	241	A	11	TAIWAN
J	TOKYO	11460.110	19	04	0028			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	11481.300	13	04	0640			?	RUS	FC		XXX							93	A		NOVOSIBIRSK?
J	TOKYO	11499.980	01	06	0050			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11499.980	29	06	0629			SOUND OF HOPE		BC		A3E	120	E	45	24	N	09	241	B	11	TAIWAN
J	TOKYO	11499.990	22	06	0908			SOUND OF HOPE		BC		A3E	120	E	58	23	N	28	239	B	11	TAIWAN
J	TOKYO	11500.000	19	04	0030			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11500.000	21	04	0909	0909	23.3		CHN	BC		A3E							53		11	
INS	MSTM-MEDAN	11500.000	27	04	0139	0146	6.5	SOH Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E									11	
KOR	CRMS	11500.000	22	05	0008	0008	29.3		CHN	BC		A3E									11	
KOR	CRMS	11500.000	21	06	0333	0333	13.2		CHN	BC		A3E									11	
J	TOKYO	11519.980	01	06	0051			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11520.000	21	04	0909	0909	26.0		CHN	BC		A3E							53		11	
KOR	CRMS	11520.000	22	05	0914	0914	35.1		CHN	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	11520.010	19	04	0031			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	11524.000	21	05	2116			?	RUS	FX		F1B	037	E	38	56	N	15	64	A		50 BD
G	BALDOCK	11530.000	13	04	0650			TRT RADIO RECEP ERDOGAN	TUR	BC		A3E							93	A		EMIRLER TX SITE
KOR	CRMS	11530.000	22	04	0305	0305	9.9		CHN	BC		A3E							53		11	
KOR	CRMS	11530.000	23	04	1530	1530	41.8		F	BC		A3E							46		11	
INS	MSWR-MERAUKE	11530.000	27	04	1346	1410	50.5	TRT RADIO RECEP ERDOGAN	TUR	BC	6K00E	A3E										
KOR	CRMS	11530.000	18	05	1505	1505	26.8		TUR	BC		A3E									11	
KOR	CRMS	11530.000	23	05	1203	1203	26.7		CHN	BC		A3E									11	
KOR	CRMS	11530.000	25	05	1535	1535	35.0		F	BC		A3E									11	
KOR	CRMS	11530.000	04	06	1554	1554	6.5		F	BC		A3E									11	
KOR	CRMS	11530.000	25	06	1601	1601	32.5		TUR	BC		A3E									11	
KOR	CRMS	11530.000	28	06	1206	1206	21.5		CHN	BC		A3E									11	
J	TOKYO	11534.990	01	06	0052			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11534.990	01	06	0053			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11535.000	31	05	0401	0401	21.8		CHN	BC		A3E									11	
J	TOKYO	11535.010	19	04	0032			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11549.940	13	04	0232			SOUND OF HOPE		BC		A3E	120	E	35	22	N	56	239	A	11	TAIWAN
J	TOKYO	11549.940	29	06	0630			SOUND OF HOPE		BC		A3E	121	E	21	24	N	38	241	B	11	TAIWAN
J	TOKYO	11549.960	22	06	0913			SOUND OF HOPE		BC		A3E	120	E	50	23	N	05	239	B	11	TAIWAN
J	TOKYO	11549.970	19	04	0034			SOUND OF HOPE		BC		A3E									11	
G	BALDOCK	11550.000	13	04	0655			?		BC		A3E							75	A		
KOR	CRMS	11550.000	21	04	0022	0022	26.6		CHN	BC		A3E							53		11	
KOR	CRMS	11550.000	02	05	1203	1203	-1.4		CHN	BC		A3E									11	
KOR	CRMS	11550.000	21	06	0334	0334	12.6		CHN	BC		A3E									11	
INS	MSWR-MERAUKE	11560.000	27	04	1332	1345	45.4	ALL INDIA RADIO	IND	BC	6K00E	A3E										
KOR	CRMS	11570.000	01	04	0359	0359	16.4		USA	BC		A3E							21		11	
KOR	CRMS	11570.000	22	04	1224	1224	44.2		KWT	BC		A3E							23		11	
KOR	CRMS	11570.000	02	05	0307	0307	21.7		USA	BC		A3E									11	
KOR	CRMS	11570.000	03	05	1208	1208	9.2		KWT	BC		A3E									11	
KOR	CRMS	11570.000	06	06	1205	1205	19.1		KWT	BC		A3E									11	
KOR	CRMS	11570.000	13	06	0335	0335	26.3		USA	BC		A3E									11	
KOR	CRMS	11575.000	01	06	1542	1542	7.9		KWT	BC		A3E									11	
KOR	CRMS	11580.000	24	04	0915	0915	42.1		CHN	BC		A3E							53		11	
INS	MSTM-MEDAN	11580.000	27	04	0238	0245	6.0	SOH Xi Wang Zhi Sheng	CHN	BC	6K00E	A3E									11	
KOR	CRMS	11580.000	22	05	0009	0009	24.9		CHN	BC		A3E									11	
KOR	CRMS	11580.000	07	06	1203	1203	5.8		CHN	BC		A3E									11	
J	TOKYO	11580.120	19	04	0035			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11580.120	22	06	0923			SOUND OF HOPE		BC		A3E	120	E	23	23	N	28	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	11580.140	13	04	0235			SOUND OF HOPE		BC		A3E	121	E	17	24	N	17	241	A	11	TAIWAN
J	TOKYO	11580.140	29	06	0631			SOUND OF HOPE		BC		A3E	121	E	13	23	N	51	240	B	11	TAIWAN
J	TOKYO	11580.150	01	06	0056			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	11585.000	22	06	0925				CHN	BC		A3E	108	E	57	34	N	12	276	B		
KOR	CRMS	11600.000	01	04	1219	1219	43.8		CHN	BC		A3E									6	
KOR	CRMS	11600.000	10	04	0022	0022	28.7		CHN	BC		A3E									6	
J	TOKYO	11600.000	19	04	0040			CHINA N.R.		BC		A3E							248		11	
INS	MSWR-MERAUKE	11600.000	27	04	1316	1330	44.4	FEBC RADIO	PHL	BC	6K00E	A3E										
KOR	CRMS	11600.000	02	05	0308	0308	13.9		CHN	BC		A3E									6	
J	TOKYO	11600.000	01	06	0057			CHINA N.R.		BC		A3E							249	A	11	
KOR	CRMS	11600.000	02	06	0937	0937	11.6		CHN	BC		A3E									6	
J	TOKYO	11600.010	19	04	0101			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	11610.000	22	04	2107	2107	19.6		MDG	BC		A3E									6	
INS	MSTM-MEDAN	11610.000	27	04	0256	0303	8.0	CNR 2 China Business Radio	CHN	BC	6K50E	A3E										
INS	MSWR-MERAUKE	11610.000	27	04	1245	1300	45.0	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										
KOR	CRMS	11610.000	30	06	0028	0028	49.0	CNR	CHN	BC		A3E									3	
INS	MSWR-MERAUKE	11615.000	27	04	2300	2315	50.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
J	TOKYO	11620.000	21	04	1000			CHINA R.I.	CHN	BC		A3E										
INS	MSTM-MEDAN	11620.000	27	04	0304	0312	8.0	CNR 5	CHN	BC	6K50E	A3E										
INS	MSWR-MERAUKE	11620.000	27	04	1120	1135	60.1	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSTM-MEDAN	11630.000	27	04	0313	0321	6.0	CNR 17	CHN	BC	6K00E	A3E										
KOR	CRMS	11635.000	26	04	2110	2110	20.3		CHN	BC		A3E									6	
INS	MSWR-MERAUKE	11635.000	27	04	1136	1200	55.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
G	BALDOCK	11635.000	21	05	2126			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							47	C		
KOR	CRMS	11635.000	22	05	1817	1817	34.0	KCB	KRE	BC		A3E									3	
KOR	CRMS	11635.000	23	06	1953	1953	53.3	KCB	KRE	BC	9K83E	A3E									3	
INS	MSTM-MEDAN	11640.000	27	04	0322	0331	6.0	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
INS	MSWR-MERAUKE	11640.000	27	04	1420	1440	60.7	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
G	BALDOCK	11640.000	21	05	0000	2400		CHINA RADIO INTERNATIONAL	MLI	BC		A3E							192	B		BAMAKO II TX SITE
KOR	CRMS	11645.000	21	05	1504	1504	58.6	KCB	KRE	BC		A3E									3	
KOR	CRMS	11645.000	11	06	1503	1503	32.3	KCB	KRE	BC		A3E									3	
INS	MSTM-MEDAN	11650.000	27	04	0338	0346	5.0	Radio Tamazuj	MDG	BC	5K00E	A3E										
INS	MSWR-MERAUKE	11650.000	27	04	1305	1315	53.5	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
KOR	CRMS	11650.000	10	05	2106	2106	15.0		ROU	BC		A3E									6	
KOR	CRMS	11650.000	13	05	2105	2105	28.0		CHN	BC		A3E									6	
KOR	CRMS	11650.000	14	06	2111	2111	29.7		ROU	BC		A3E									6	
KOR	CRMS	11655.000	14	05	1601	1601	19.6	IBR	UAE	BC		A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	11660.000	25	04	0306	0306	51.3	CNR	CHN	BC		A3E										3
INS	MSTM-MEDAN	11660.000	27	04	0347	0355	31.0	CNR 2 China Business Radio	CHN	BC	10K0E	A3E										
KOR	CRMS	11660.000	12	05	0019	0019	48.2		CHN	BC		A3E										6
G	BALDOCK	11660.000	21	05	2132			CHINA RADIO INTERNATIONAL	CHN	BC		A3E	075	E	45	39	N	21	72	C		KASHI-SAIBAGH TX SITE
KOR	CRMS	11660.000	17	06	0418	0418	38.5		CHN	BC		A3E										6
INS	MSWR-MERAUKE	11665.000	26	04	2311	2325	51.8	RTM Wai	MLA	BC	6K00E	A3E										
INS	MSTM-MEDAN	11665.000	27	04	0356	0403	30.0	RTM Wai/Limbang FM	MLA	BC	10K0E	A3E										
INS	MSTM-MEDAN	11670.000	27	04	0404	0412	28.0	CNR 2 China Business Radio	CHN	BC	7K60E	A3E										
KOR	CRMS	11670.000	17	05	0415	0415	32.6		CHN	BC		A3E										6
KOR	CRMS	11670.000	30	06	0029	0029	47.2	CNR	CHN	BC		A3E										3
KOR	CRMS	11675.000	30	04	1507	1507	53.1	AGM	USA	BC		A3E										3
J	TOKYO	11680.000	01	04	2300			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	11680.000	17	04	0600			VOICE OF HOPE AFRICA	ZMB	BC		A3E							148	A		LUSAKA TX SITE
KOR	CRMS	11680.000	22	04	0308	0308	34.6		KRE	BC		A3E										6
INS	MSWR-MERAUKE	11680.000	26	04	1005	1020	49.1	KCBS PYOYANG	KRE	BC	10K0E	A3E										
INS	MSTM-MEDAN	11680.000	27	04	0413	0420	25.0	KCBS Pyongyang	KRE	BC	7K60E	A3E										
KOR	CRMS	11680.000	05	05	0938	0938	28.4		KRE	BC		A3E										6
KOR	CRMS	11680.000	09	06	0912	0912	26.0		KRE	BC		A3E										6
J	TOKYO	11680.000	16	06	2340			CHINA R.I.	CHN	BC		A3E										
INS	MSTM-MEDAN	11685.000	27	04	0421	0430	8.0	CNR 11	CHN	BC	6K00E	A3E										
G	BALDOCK	11685.000	21	05	2134			RADIO EXTERIOR DE ESPANA	E	BC		A3E							190	B		SPANISH LANGUAGE
J	TOKYO	11690.000	22	04	2300			CHINA R.I.	CHN	BC		A3E										
J	TOKYO	11695.000	29	06	0632			CHINA N.R.		BC		D7W	114	E	10	23	N	13	248	B		
G	BALDOCK	11700.000	06	04	0618			RADIO FRANCE INT	F	BC		A3E							152	C		
G	BALDOCK	11710.000	21	05	2143			CNR 1	CHN	BC		A3E	116	E	27	39	N	57	45	A		BEIJING 572 TX SITE
KOR	CRMS	11710.000	28	06	1209	1209	66.7	KCB	KRE	BC		A3E										3
KOR	CRMS	11710.000	29	06	1519	1519	55.8	CNR	CHN	BC		A3E										3
KOR	CRMS	11715.000	04	04	1212	1212	28.7		CHN	BC		A3E										6
INS	MSTM-MEDAN	11715.000	27	04	0446	0454	30.0	SHO Xi Wang Zhi Sheng	CHN	BC	10K0E	A3E										
KOR	CRMS	11715.000	04	05	0612	0612	24.5		CHN	BC		A3E										6
KOR	CRMS	11715.000	04	06	0631	0631	35.2		CHN	BC		A3E										6
INS	MSWR-MERAUKE	11720.000	26	04	1021	1030	50.5	VOICE OF VIETNAM 1	VTN	BC	6K00E	A3E										
INS	MSTM-MEDAN	11720.000	27	04	0455	0504	30.0	Voice Of Vietnam 1	VTN	BC	10K0E	A3E										
KOR	CRMS	11720.000	10	06	1202	1202	4.0	CRI	CHN	BC		A3E										3
HNG	TARNOK	11730.000	28	06	0600	0856	45.7	R.SAUDI	ARS	BC	8K74	A3E										
KOR	CRMS	11735.000	15	06	0620	0620	46.7		KRE	BC		A3E										6
KOR	CRMS	11745.000	10	04	1814	1814	42.8		USA	BC		A3E										6
KOR	CRMS	11745.000	24	04	1854	1854	48.9		KWT	BC		A3E										6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	11745.000	21	05	2145			AL-AZM RADIO	ARS	BC		A3E							115	B		JEDDAH TX SITE
KOR	CRMS	11745.000	29	05	1806	1806	46.5		USA	BC		A3E									6	
KOR	CRMS	11745.000	09	06	1809	1809	30.2		KWT	BC		A3E									6	
KOR	CRMS	11745.000	12	06	1811	1811	38.2		USA	BC		A3E									6	
KOR	CRMS	11750.000	22	04	2109	2109	46.8		USA	BC		A3E									6	
KOR	CRMS	11750.000	26	04	2111	2111	51.5		CHN	BC	9K79E	A3E									6	
INS	MSTM-MEDAN	11750.000	27	04	0529	0535	25.0	CNR 1 Voice Of China	CHN	BC	8K50E	A3E										
KOR	CRMS	11750.000	06	05	2110	2110	28.7		USA	BC		A3E									6	
KOR	CRMS	11750.000	21	06	2109	2109	57.3		USA	BC		A3E									6	
G	BALDOCK	11760.000	16	04	0140			HABANA CUBA	CUB	BC		A3E							278	B		BAUTA TX
INS	MSWR-MERAUKE	11760.000	26	04	1246	1300	65.3	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
KOR	CRMS	11765.000	02	04	1553	1553	24.8		TUR	BC		A3E									6	
KOR	CRMS	11765.000	30	04	0630	0630	64.4		CHN	BC		A3E									6	
KOR	CRMS	11765.000	11	05	1536	1536	30.6		TUR	BC		A3E									6	
G	BALDOCK	11770.000	17	04	0543			PBS XINJIANG	CHN	BC		A3E							61	A		URUMQI TX
INS	MSWR-MERAUKE	11770.000	26	04	0001	0015	46.3	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
KOR	CRMS	11770.000	10	06	1203	1203	-2.0		CHN	BC		A3E									6	
KOR	CRMS	11775.000	03	04	0917	0917	37.0		CHN	BC		A3E									6	
INS	MSTM-MEDAN	11775.000	27	04	0706	0713	30.0	SHO Xi Wang Zhi Sheng	CHN	BC	12K0E	A3E										
KOR	CRMS	11775.000	03	05	0343	0343	29.4		CHN	BC		A3E									6	
KOR	CRMS	11775.000	09	06	0914	0914	27.6		CHN	BC		A3E									6	
KOR	CRMS	11775.000	29	06	1520	1520	31.9	NHK	UAE	BC		A3E									3	
KOR	CRMS	11780.000	09	04	1503	1503	21.2		B	BC		A3E									3	
G	BALDOCK	11780.000	21	05	2148			RN DA AMAZONIA	B	BC		A3E							225	B		BRASILIA DF TX
KOR	CRMS	11785.000	25	04	1222	1222	61.3	AGM	PHL	BC		A3E									3	
G	BALDOCK	11790.000	21	05	2150			ADVENTIST WORLD RADIO	MDG	BC		A3E							133	B		TALATA-VOLONONDRY
KOR	CRMS	11790.000	22	05	1821	1821	19.1		BUL	BC		A3E									6	
KOR	CRMS	11790.000	30	06	1816	1816	30.8		BUL	BC		A3E									6	
J	TOKYO	11792.000	22	06	0934				RUS			F1B	135	E	01	50	N	41	347	B		
J	TOKYO	11795.000	22	04	1055			KBS WORLD R.	KOR	BC		A3E										
INS	MSWR-MERAUKE	11800.000	26	04	2326	2340	50.2	CNR 2 China Business Radio	CHN	BC	6K00E	A3E										
INS	MSTM-MEDAN	11800.000	27	04	0714	0721	25.0	CNR 2 China Business Radio	CHN	BC	10K0E	A3E										
J	TOKYO	11810.000	23	04	0100			KBS WORLD R.	KOR	BC		A3E										
KOR	CRMS	11810.000	13	05	2108	2108	25.5		G	BC		A3E									6	
G	BALDOCK	11810.000	21	05	2154			BBC WORLD SERVICE	G	BC		A3E							195	C		WOOFERTON TX SITE
G	BALDOCK	11815.000	16	04	0150			RADIO BRASIL CENTRAL	B	BC		A3E							227	B		GOIANIA TX
INS	MSWR-MERAUKE	11815.000	26	04	1032	1050	59.5	NHK WORLD RADIO JAPAN	J	BC	6K00E	A3E										
G	BALDOCK	11825.000	17	04	0540			WCB AFRICAN PATHWAYS RADIO	MDG	BC		A3E							135	A		MAHAJANGA 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	MSWR-MERAUKE	11825.000	26	04	2340	2400	46.3	BBC	PHL	BC	6K00E	A3E										
INS	MSTM-MEDAN	11825.000	27	04	0722	0730	25.0	NHK World Radio Japan	J	BC	10K0E	A3E										
KOR	CRMS	11825.000	22	06	1519	1519	51.6		AUS	BC		A3E									6	
KOR	CRMS	11825.000	29	06	1522	1522	40.3	KCB	KRE	BC		A3E									3	
G	BALDOCK	11835.000	17	04	0537			CNR 2	CHN	BC		A3E							56	A		XIANYANG TX SITE
KOR	CRMS	11835.000	23	05	1206	1206	48.2	CNR	CHN	BC		A3E									3	
G	BALDOCK	11838.000	21	05	2159			?	UKR	FX		J7D							94	A		
KOR	CRMS	11840.000	01	04	0403	0403	48.8		CHN	BC		A3E									6	
G	BALDOCK	11840.000	17	04	0534			RADIO TAIWAN INTERNATIONAL	CHN	BC		A3E							53	A		KOUHU TX SITE
INS	MSTM-MEDAN	11840.000	27	04	0731	0736	30.0	CNR 1 Jamming	CHN	BC	12K0E	A3E										
KOR	CRMS	11840.000	29	04	0418	0418	64.0		CHN	BC		A3E									6	
KOR	CRMS	11840.000	31	05	0405	0405	56.8		CHN	BC		A3E									6	
KOR	CRMS	11840.000	27	06	0533	0533	55.3		CHN	BC		A3E									6	
G	BALDOCK	11845.000	17	04	0530			CNR2	CHN	BC		A3E							54	A		XIANYANG TX SITE
KOR	CRMS	11845.000	30	06	0033	0033	27.2	CNR	CHN	BC		A3E									3	
INS	MSWR-MERAUKE	11850.000	26	04	1230	1245	40.5	VATICAN RADIO	PHL	BC	6K00E	A3E										
KOR	CRMS	11850.000	28	04	1859	1859	15.4		F	BC		A3E									6	
KOR	CRMS	11850.000	22	05	1824	1824	19.3		F	BC		A3E									6	
G	BALDOCK	11850.000	24	05	0235			RADIO HABANA	CUB	BC		A3E							277	A		
KOR	CRMS	11850.000	24	06	1236	1236	49.8		PHL	BC		A3E									6	
KOR	CRMS	11850.000	30	06	1819	1819	23.2		F	BC		A3E									6	
G	BALDOCK	11860.000	16	04	0155			REPUBLIC OF YEMEN RADIO	ARS	BC		A3E							112	B		JEDDAH TX
INS	MSTM-MEDAN	11860.000	23	04	0105	0110	8.0	CHINA RADIO INTERNATIONAL	CHN	BC	8K00E	A3E										Site : Kunming
G	BALDOCK	11860.000	24	05	0237			REPUBLIC OF YEMEN RADIO	ARS	BC		A3E							112	B		JEDDAH TX
KOR	CRMS	11860.000	16	06	1804	1804	21.8	AGM	USA	BC		A3E									3	
J	TOKYO	11865.000	21	04	0700			V.O. KOREA	KRE	BC		A3E										
J	TOKYO	11865.000	22	04	2113			V.O. KOREA	KRE	BC		A3E										
KOR	CRMS	11865.000	25	04	2107	2107	23.8		KRE	BC		A3E									6	
KOR	CRMS	11875.000	03	04	0919	0919	26.3		USA	BC		A3E									6	
INS	MSWR-MERAUKE	11875.000	23	04	0040	0100	42.0	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
KOR	CRMS	11875.000	25	04	1224	1224	38.5		AUS	BC		A3E									6	
KOR	CRMS	11875.000	01	05	0920	0920	23.3		USA	BC		A3E									6	
KOR	CRMS	11875.000	26	05	0945	0945	64.3		CHN	BC		A3E									6	
KOR	CRMS	11875.000	02	06	0942	0942	27.8		USA	BC		A3E									6	
KOR	CRMS	11875.000	30	06	0914	0914	61.0		AUS	BC		A3E									6	
G	BALDOCK	11885.000	17	04	0525			PBS XINJIANG	CHN	BC		A3E							62	B		URUMQI TX SITE
KOR	CRMS	11885.000	18	05	1509	1509	23.2		VTN	BC		A3E									6	
KOR	CRMS	11885.000	29	06	1523	1523	26.3		CHN	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	11885.000	30	06	1820	1820	26.7	VOV	VTN	BC		A3E										3
INS	MSTM-MEDAN	11895.000	23	04	0125	0130	8.0	CHINA RADIO INTERNATIONAL	CHN	BC	8K00E	A3E										Site: Kashi
KOR	CRMS	11895.000	25	05	0628	0628	50.2		CHN	BC		A3E										6
KOR	CRMS	11895.000	03	06	0321	0321	23.2		CHN	BC		A3E										6
KOR	CRMS	11895.000	14	06	0411	0411	46.2		USA	BC		A3E										6
J	TOKYO	11900.000	01	04	2300			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	11900.000	23	04	1535	1535	23.4		ROU	BC		A3E										6
G	BALDOCK	11900.000	24	04	1626			R. ROMANIA INTERNATIONAL	ROU	BC		A3E							97	A		
KOR	CRMS	11900.000	25	04	1225	1225	58.7		AUS	BC		A3E										6
J	TOKYO	11900.000	17	06	0000			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	11905.000	17	04	0515			VOICE OF ISLAMIC REPUBLIC IRAN	IRN	BC		A3E							97	A		SIRJAN TX
KOR	CRMS	11905.000	20	04	0635	0635	51.2		CHN	BC		A3E										6
INS	MSWR-MERAUKE	11905.000	23	04	0615	0630	40.3	CNR 6	CHN	BC	6K00E	A3E										
KOR	CRMS	11915.000	19	06	0907	0907	19.8	CNR	CHN	BC		A3E										3
INS	MSTM-MEDAN	11915.200	23	04	0325	0330	6.0	CHINA BUSINESS RADIO	CHN	BC	8K00E	A3E										Site Baoji
G	BALDOCK	11925.000	24	04	1621			CNR1 VOICE OF CHINA	CHN	BC		A3E							53	B		
G	BALDOCK	11925.000	24	05	0240			CNR1 VOICE OF CHINA	CHN	BC		A3E							53	B		
G	BALDOCK	11930.000	24	04	1614			R. MARTI	USA	BC		A3E							285	B		GREENVILLE B TX
G	BALDOCK	11930.000	24	05	0241			R. MARTI	USA	BC		A3E							285	B		GREENVILLE B TX
INS	MSWR-MERAUKE	11935.000	23	04	0001	0030	40.5	CNR 5	CHN	BC	6K00E	A3E										
G	BALDOCK	11940.000	24	04	1611			R. EXTERIOR DE ESPANA	E	BC		A3E							192	A		NOBLEJAS TX
KOR	CRMS	11940.000	23	06	1959	1959	31.5		E	BC		A3E										6
KOR	CRMS	11945.000	04	04	2149	2149	33.0	AGM	USA	BC		A3E										3
KOR	CRMS	11945.000	03	05	2119	2119	34.2	AGM	USA	BC		A3E										3
KOR	CRMS	11945.000	03	06	2104	2104	29.0	AGM	USA	BC		A3E										3
INS	MSWR-MERAUKE	11955.000	23	04	2330	2400	48.1	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
G	BALDOCK	11955.000	24	04	1606			ADVENTIST WORLD RADIO	AUT	BC		A3E							105	A		MOOSBRUNN TX
KOR	CRMS	11955.000	24	06	1242	1242	31.5		CHN	BC		A3E										6
KOR	CRMS	11970.000	21	04	0038	0038	51.2		CHN	BC		A3E										6
KOR	CRMS	11975.000	01	04	0406	0406	39.3		CHN	BC		A3E										6
KOR	CRMS	11975.000	23	04	0616	0616	52.9		CHN	BC		A3E										6
G	BALDOCK	11975.000	24	04	1601			SOH XI WANG ZHI SHENG	CHN	BC		A3E							56	B		MIAOLI TX
KOR	CRMS	11975.000	28	04	1904	1904	23.3		ROU	BC		A3E										6
KOR	CRMS	11975.000	08	05	0934	0934	35.4		CHN	BC		A3E										6
KOR	CRMS	11975.000	12	05	1859	1859	23.4		ROU	BC		A3E										6
KOR	CRMS	11975.000	26	05	0028	0028	34.3	CRI	CHN	BC		A3E										3
KOR	CRMS	11975.000	05	06	0914	0914	23.5		CHN	BC		A3E										6
KOR	CRMS	11975.000	26	06	0035	0035	29.0	CRI	CHN	BC		A3E										3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	11975.000	26	06	1934	1934	26.2		ROU	BC		A3E									6	
KOR	CRMS	11985.000	10	04	0029	0029	36.2		CHN	BC		A3E									6	
INS	MSTM-MEDAN	11985.000	23	04	0410	0420	8.0	SOH Xi Wang Zhi Sheng		BC	8K00E	A3E										Site: Miaoli
KOR	CRMS	11985.000	23	04	1536	1536	42.0	AGM	USA	BC		A3E									3	
G	BALDOCK	11985.000	24	04	1555			RADIO FREE ASIA	USA	BC		A3E							42	B		
KOR	CRMS	11985.000	02	05	0316	0316	15.6		CHN	BC		A3E									6	
KOR	CRMS	11985.000	04	05	1521	1521	30.0	AGM	USA	BC		A3E									3	
KOR	CRMS	11985.000	03	06	0322	0322	22.9		CHN	BC		A3E									6	
KOR	CRMS	11985.000	13	06	0342	0342	38.9		KWT	BC		A3E									6	
KOR	CRMS	11985.000	20	06	2109	2109	35.1		USA	BC		A3E									6	
KOR	CRMS	11990.000	28	05	0732	0732	29.0		CHN	BC		A3E									6	
KOR	CRMS	11990.000	21	06	1219	1219	30.9		CHN	BC		A3E									6	
KOR	CRMS	11990.000	28	06	1212	1212	44.6	KCB	KRE	BC		A3E									3	
G	BALDOCK	11995.000	17	04	0510			BBC WORLD SERVICE	MDG	BC		A3E							130	A		TALATA VOLONONDRY TX
G	BALDOCK	12000.000	24	05	0253			RADIO HABANA INTERNATIONAL	CUB	BC		A3E							280	B		
KOR	CRMS	12005.000	17	04	1017	1017	43.4	CRI	CHN	BC		A3E									3	
G	BALDOCK	12010.000	24	04	1545			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							57	B		BAOJI-XINJIE
KOR	CRMS	12015.000	07	05	1514	1514	0.9	KCB	KRE	BC		A3E									3	
J	TOKYO	12018.630	21	04	1100			V.O. VIETNAM	VTN	BC		A3E										
J	TOKYO	12018.640	01	04	1341			V.O. VIETNAM	VTN	BC		A3E										
J	TOKYO	12025.000	22	04	1300			CHINA R.I.	CHN	BC		A3E										
G	BALDOCK	12025.000	24	04	1540			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							61	A		URUMQI TX
G	BALDOCK	12035.000	24	04	1536			VOA DEEWA RADIO	THA	BC		A3E							70	B		UDON THANI TX
G	BALDOCK	12035.000	24	05	0255			VOA DEEWA RADIO	THA	BC		A3E							70	B		UDON THANI TX
KOR	CRMS	12035.000	28	05	1535	1535	31.6	AGM	THA	BC		A3E									3	
KOR	CRMS	12040.000	22	04	1233	1233	51.4		USA	BC		A3E									6	
KOR	CRMS	12040.000	24	05	1213	1213	37.0		USA	BC		A3E									6	
KOR	CRMS	12040.000	21	06	1219	1219	33.6		USA	BC		A3E									6	
G	BALDOCK	12045.000	24	04	1533			VOICE OF AMERICA	THA	BC		A3E							67	B		UDON THANI TX
KOR	CRMS	12045.000	05	05	0943	0943	35.3		CHN	BC		A3E									6	
KOR	CRMS	12050.000	24	04	1858	1858	23.5		USA	BC		A3E									6	
KOR	CRMS	12050.000	22	05	1832	1832	31.2		USA	BC		A3E									6	
INS	MSWR-MERAUKE	12055.000	22	04	0001	0015	39.1	FEBC RADIO	PHL	BC	6K00E	A3E										
G	BALDOCK	12055.000	24	04	1528			RFE / RADIO LIBERTY	D	BC		A3E							100	C		BIBLIS TX
INS	MSWR-MERAUKE	12065.000	22	04	1201	1215	40.2	BBC	OMA	BC	6K00E	A3E										
KOR	CRMS	12070.000	07	04	0041	0041	14.6		PHL	BC		A3E									6	
INS	MSWR-MERAUKE	12070.000	22	04	0030	0100	37.2	FEBC RADIO	PHL	BC	6K00E	A3E										
KOR	CRMS	12070.000	22	05	0016	0016	41.8		PHL	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	12070.000	26	06	0037	0037	37.9		PHL	BC		A3E									6	
INS	MSWR-MERAUKE	12080.000	22	04	1230	1245	37.1	VOICE OF AMERICA	PHL	BC	6K00E	A3E										
G	BALDOCK	12080.000	24	04	1525			VOICE OF AMERICA	PHL	BC		A3E							58	B		TINANG TX
KOR	CRMS	12080.000	28	04	0031	0031	23.1		PHL	BC		A3E									6	
G	BALDOCK	12080.000	30	05	0421			VOICE OF AMERICA	PHL	BC		A3E							58	B		TINANG TX
KOR	CRMS	12085.000	09	04	1505	1505	19.2	AGM	UAE	BC		A3E									3	
KOR	CRMS	12085.000	14	04	0908	0908	41.2		MNG	BC		A3E									6	
KOR	CRMS	12085.000	26	05	0948	0948	67.6		MNG	BC		A3E									6	
KOR	CRMS	12085.000	02	06	0944	0944	8.8		MNG	BC		A3E									6	
KOR	CRMS	12085.000	29	06	1526	1526	45.7	AGM	UAE	BC		A3E									3	
G	BALDOCK	12095.000	17	04	0505			BBC WORLD SERVICE	OMA	BC		A3E							100	A		AL SEELA TX SITE
INS	MSWR-MERAUKE	12095.000	22	04	1140	1200	50.0	FEBC RADIO	PHL	BC	6K00E	A3E										
G	BALDOCK	12095.000	24	04	1520			BBC	MDG	BC		A3E							135	A		TALATA VOLONONDRY TX
KOR	CRMS	12095.000	23	06	2002	2002	22.4		G	BC		A3E									6	
INS	MSWR-MERAUKE	12100.000	22	04	1120	1140	53.5	R.TAIWAN INT.	CHN	BC	6K00E	A3E										
KOR	CRMS	12105.000	04	04	1216	1216	32.4		UZB	BC		A3E							46		11	
KOR	CRMS	12105.000	06	05	1210	1210	5.7		UZB	BC		A3E									11	
KOR	CRMS	12105.000	06	06	1212	1212	18.8		UZB	BC		A3E									11	
J	TOKYO	12105.000	22	06	1001				CHN			A1A	120	E	52	29	N	12	255	B		
INS	MSWR-MERAUKE	12110.000	22	04	2345	2400	37.9	VOICE OF AMERICA	PHL	BC	6K00E	A3E										
J	TOKYO	12110.000	26	04	2348				PHL	BC		A3E	120	E	59	16	N	05	226	B		
KOR	CRMS	12110.000	22	05	0017	0017	23.1		PHL	BC		A3E									11	
J	TOKYO	12110.000	10	06	0001			V.O. AMERICA		BC		A3E	120	E	23	15	N	34	226	B	11	
INS	MSWR-MERAUKE	12120.000	22	04	1216	1230	35.8	FEBC RADIO	PHL	BC	6K00E	A3E										
KOR	CRMS	12120.000	25	04	1228	1228	34.8		PHL	BC		A3E							38		11	
G	BALDOCK	12120.000	19	05	0020			FEBC	PHL	FX		F1B							263	A		75 BD SECURE
KOR	CRMS	12120.000	22	05	1833	1833	26.6		PHL	BC		A3E									11	
G	BALDOCK	12120.000	14	06				R PILIPANIS	PHL	BC		A3E							57	B		PHILIPINO LANGUAGE
G	BALDOCK	12120.000	14	06	1910			?	CHN	LR		P0N							62	B		
KOR	CRMS	12120.000	24	06	1246	1246	28.8		PHL	BC		A3E									11	
J	TOKYO	12121.000	06	04	0602							F1B										
J	TOKYO	12121.000	06	04	0603				RUS			A1A	136	E	39	50	N	54	351	B		
KOR	CRMS	12140.000	21	04	0041	0041	43.0		USA	BC		A3E							21		11	
KOR	CRMS	12140.000	29	05	0048	0048	33.6		USA	BC		A3E									11	
KOR	CRMS	12140.000	23	06	0051	0051	41.0		KWT	BC		A3E									11	
KOR	CRMS	12140.000	24	06	1248	1248	39.0		USA	BC		A3E									11	
J	TOKYO	12149.810	10	06	0005			SOUND OF HOPE		BC		A3E	126	E	26	33	N	25	263	B	11	KOR
J	TOKYO	12149.830	06	04	0605			SOUND OF HOPE		BC		A3E	126	E	37	33	N	21	262	A	11	KOR
J	TOKYO	12149.840	19	04	0134			SOUND OF HOPE		BC		A3E	126	E	41	33	N	27	263	A	11	KOR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12149.840	26	04	2349			SOUND OF HOPE		BC		A3E	126	E	33	33	N	21	263	B	11	KOR
J	TOKYO	12149.850	13	04	0419			SOUND OF HOPE		BC		A3E	126	E	16	33	N	25	263	B	11	KOR
KOR	CRMS	12150.000	23	05	1209	1209	16.9		CHN	BC		A3E									11	
G	BALDOCK	12160.000	14	06	1915			WWCR NASHVILLE		BC		A3E							292	A		
J	TOKYO	12168.000	22	06	1003				RUS			F1B	042	E	25	56	N	15	323	B		
J	TOKYO	12184.000	06	04	0609				RUS			F1B	089	E	27	60	N	49	324	B		
J	TOKYO	12184.000	29	06	0751				RUS			F1B	132	E	17	43	N	02	322	B		
J	TOKYO	12189.910	10	06	0007			SOUND OF HOPE		BC		A3E	121	E	07	24	N	29	241	B	11	TAIWAN
J	TOKYO	12189.920	06	04	0612			SOUND OF HOPE		BC		A3E	121	E	20	24	N	49	242	A	11	TAIWAN
J	TOKYO	12189.920	13	04	0429			SOUND OF HOPE		BC		A3E	121	E	27	24	N	44	241	B	11	TAIWAN
J	TOKYO	12189.920	26	04	2350			SOUND OF HOPE		BC		A3E	121	E	32	24	N	59	242	B	11	TAIWAN
J	TOKYO	12189.930	29	06	0754			SOUND OF HOPE		BC		A3E	121	E	22	25	N	07	242	B	11	TAIWAN
KOR	CRMS	12190.000	22	04	0314	0314	17.0		CHN	BC		A3E							53		11	
KOR	CRMS	12190.000	22	05	0018	0018	20.4		CHN	BC		A3E									11	
KOR	CRMS	12190.000	21	06	0340	0340	25.2		CHN	BC		A3E									11	
J	TOKYO	12201.700	19	04	0136				CHN			A1A	120	E	43	31	N	28	261	B		
J	TOKYO	12206.530	10	06	0010							F1B										
J	TOKYO	12209.990	06	04	0614			SOUND OF HOPE		BC		A3E	120	E	55	24	N	38	242	A	11	TAIWAN
J	TOKYO	12210.000	19	04	0138			SOUND OF HOPE		BC		A3E	121	E	15	25	N	00	245	B	11	TAIWAN
KOR	CRMS	12210.000	21	04	0927	0927	34.0		CHN	BC		A3E							53		11	
KOR	CRMS	12210.000	22	05	0018	0018	15.0		CHN	BC		A3E									11	
KOR	CRMS	12210.000	21	06	0340	0340	20.2		CHN	BC		A3E									11	
J	TOKYO	12210.010	26	04	2350			SOUND OF HOPE		BC		A3E	121	E	26	25	N	02	242	B	11	TAIWAN
INS	MSTM-MEDAN	12225.000	22	04	0230	0235	5.0	Unknown	INS	FX	2K80E	J3E										Komrad
J	TOKYO	12229.910	06	04	0617			SOUND OF HOPE		BC		A3E	121	E	07	23	N	50	240	B	11	TAIWAN
J	TOKYO	12229.910	10	06	0012			SOUND OF HOPE		BC		A3E	120	E	53	24	N	06	241	A	11	TAIWAN
KOR	CRMS	12230.000	21	04	0927	0927	29.4		CHN	BC		A3E							53		11	
KOR	CRMS	12230.000	22	05	0018	0018	19.9		CHN	BC		A3E									11	
G	BALDOCK	12230.000	30	05	0610			CYPRUS PULSE	CYP	LR		P0N							115	A		
KOR	CRMS	12230.000	21	06	0340	0340	25.2		CHN	BC		A3E									11	
INS	MSTM-MEDAN	12233.850	22	04	0235	0240	4.0	Unknown		FX	500HE	A1A										Telegraph
J	TOKYO	12235.000	26	04	2351							A1A							222	C		
J	TOKYO	12235.000	29	06	0800							A1A							227	C		
INS	MSTM-MEDAN	12263.000	21	04	0105	0110	2.0	Unknown	INS	FX	2K80E	J3E										Komrad
G	BALDOCK	12281.800	14	06	1925			?	HOL	FC		J1D							103	A		
F	RAMBOUILLET	12282.000	18	05	0600	1800	6.0				10K0E	A3EG -							203	A	9	
INS	MSTM-MEDAN	12282.750	21	04	0115	0120	4.0	Unknown	INS	FX	2K80E	J3E										Komrad
INS	MSTM-MEDAN	12310.800	21	04	0130	0135	2.0	Unknown	INS	FX	2K80E	J3E										Komrad
INS	MSTM-MEDAN	12310.800	21	04	0320	0325	5.0	Unknown	INS	FX	2K80E	J3E										Komrad

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	12331.000	06	04	0619				PHL			J3E	122	E	55	13	N	59	220	B		
INS	MSTM-MEDAN	12335.950	21	04	0145	0150	3.0	Unknown	INS	FX	2K80E	J3E										Komrad
J	TOKYO	12336.500	29	06	0805				RUS			A1A	135	E	16	48	N	27	345	A		
J	TOKYO	12337.000	10	06	0015				RUS			F1B	135	E	28	49	N	43	347	A		
J	TOKYO	12337.000	22	06	1007				RUS				134	E	44	48	N	36	343	B		
J	TOKYO	12342.000	27	04	0038			MUAN		FA		J2D										
J	TOKYO	12344.880	13	04	0458			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	12344.940	27	04	0008			SOUND OF HOPE		BC		A3E	127	E	15	36	N	46	280	B	11	KOR
KOR	CRMS	12345.000	26	04	1208	1208	9.4		CHN	BC		A3E							53		11	
KOR	CRMS	12345.000	22	05	0018	0018	40.0		CHN	BC		A3E									11	
KOR	CRMS	12360.000	26	04	1208	1208	13.7		CHN	BC		A3E							53		11	
J	TOKYO	12364.870	06	04	0622			SOUND OF HOPE		BC		A3E	120	E	33	22	N	54	239	A	11	TAIWAN
J	TOKYO	12364.870	19	04	0142			SOUND OF HOPE		BC		A3E	120	E	53	23	N	23	239	B	11	TAIWAN
KOR	CRMS	12365.000	11	05	0632	0632	11.1		CHN	BC		A3E									11	
INS	MSTM-MEDAN	12365.600	21	04	0200	0205	7.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Site :
F	RAMBOUILLET	12373.300	20	05	0923	1033	16.0				2K60E	R7B							89	A	9	
J	TOKYO	12375.500	19	04	0146			XSQ		FC		F3C	119	E	55	26	N	33	250	B		
J	TOKYO	12375.500	27	04	0010			XSQ		FC		F3C	114	E	06	22	N	40	247	B		
J	TOKYO	12382.000	06	04	0625			XSG		FC		F3C	121	E	51	31	N	02	259	B		
J	TOKYO	12382.000	13	04	0511			XSG		FC		F3C	121	E	36	31	N	07	259	A		
G	BALDOCK	12401.200	14	06	1930			?	CYP	FX		J1D							112	B		
J	TOKYO	12405.000	06	04	0628				PHL			J3E	122	E	16	11	N	22	218	B		
J	TOKYO	12412.500	13	04	0519			NOJ		FC		F3C							41	C		
J	TOKYO	12412.500	10	06	0019			NOJ				F3C	153	W	49	57	N	12	41	B		
G	BALDOCK	12414.000	14	06	1935			?	RUS	MS		J7D							120	A		120 BD MS5
J	TOKYO	12429.850	10	06	0025			SOUND OF HOPE		BC		A3E	127	E	42	36	N	42	280	A	11	KOR
KOR	CRMS	12430.000	22	04	0314	0314	6.5		CHN	BC		A3E							53		11	
KOR	CRMS	12430.000	22	05	0019	0019	35.3		CHN	BC		A3E									11	
KOR	CRMS	12430.000	03	06	0324	0324	6.1		CHN	BC		A3E									11	
J	TOKYO	12499.910	13	04	0529			SOUND OF HOPE		BC		A3E	121	E	22	25	N	00	242	B	11	TAIWAN
J	TOKYO	12499.920	10	06	0100			SOUND OF HOPE		BC		A3E	120	E	38	22	N	40	238	B	11	TAIWAN
J	TOKYO	12499.940	06	04	0632			SOUND OF HOPE		BC		A3E	120	E	38	22	N	45	238	B	11	TAIWAN
J	TOKYO	12499.940	19	04	0152			SOUND OF HOPE		BC		A3E	121	E	29	23	N	57	239	A	11	TAIWAN
KOR	CRMS	12500.000	21	04	0928	0928	25.0		CHN	BC		A3E							53		11	
KOR	CRMS	12500.000	21	05	0714	0714	44.7		CHN	BC		A3E									11	
KOR	CRMS	12500.000	02	06	0945	0945	12.8		CHN	BC		A3E									11	
J	TOKYO	12500.000	10	06	0027				CHN	BC		A3E	087	E	34	43	N	25	297	B		
J	TOKYO	12500.000	22	06	1011			CHINA N.R.		BC		A3E	108	E	56	34	N	06	275	B	11	
J	TOKYO	12500.000	29	06	0809			CHINA N.R.		BC		A3E	119	E	17	26	N	09	248	A	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12510.500	10	06	0029				KOR			F1B	126	E	15	36	N	46	280	A		
J	TOKYO	12530.220	27	04	0000			SOUND OF HOPE		BC		A3E	121	E	23	24	N	50	242	B	11	TAIWAN
INS	MSTM-MEDAN	12535.000	20	04	0145	0150	10.0	Unknown	INS	FX	2K80E											Komrad
J	TOKYO	12549.960	13	04	0539			SOUND OF HOPE		BC		A3E	121	E	42	24	N	51	241	B	11	TAIWAN
J	TOKYO	12549.970	10	06	0032			SOUND OF HOPE		BC		A3E	120	E	35	22	N	49	239	A	11	TAIWAN
J	TOKYO	12549.970	22	06	1011			SOUND OF HOPE		BC		A3E	121	E	13	22	N	59	238	B	11	TAIWAN
J	TOKYO	12549.970	29	06	0815			SOUND OF HOPE		BC		A3E	120	E	38	24	N	11	241	B	11	TAIWAN
J	TOKYO	12549.980	19	04	0156			SOUND OF HOPE		BC		A3E	121	E	00	23	N	55	240	B	11	TAIWAN
J	TOKYO	12549.990	06	04	0634			SOUND OF HOPE		BC		A3E	120	E	26	22	N	52	239	A	11	TAIWAN
J	TOKYO	12549.990	27	04	0013			SOUND OF HOPE		BC		A3E	120	E	44	23	N	56	241	B	11	TAIWAN
KOR	CRMS	12550.000	21	04	0042	0042	31.2		CHN	BC		A3E							53		11	
KOR	CRMS	12550.000	22	05	0019	0019	19.6		CHN	BC		A3E									11	
KOR	CRMS	12550.000	21	06	1221	1221	38.5		CHN	BC		A3E									11	
G	BALDOCK	12570.000	14	06	1940			?	E	FX		J1D							181	B		
G	BALDOCK	12590.000	14	06	1950			?	RUS	FX		F1B							70	A		
J	TOKYO	12590.010	06	04	0637							F1B							297	C		
J	TOKYO	12596.000	10	06	0035				RUS			F1B	132	E	36	43	N	05	323	A		
J	TOKYO	12596.010	19	04	0210				RUS			F1B	132	E	58	42	N	54	323	A		
G	BALDOCK	12610.000	14	06	1945			?		FX		F1B							31			
J	TOKYO	12613.000	13	04	0545			XSQ		FC		F1B	113	E	45	22	N	55	248	B		
J	TOKYO	12613.000	19	04	0215			XSQ		FC		F1B										
J	TOKYO	12613.000	27	04	0015			XSQ		FC		F1B										
G	BALDOCK	12613.000	14	06	1952			XSQ (GUANGZHOU RADIO)	CHN	FX		F1B							71	C		C/S IN MORSE
J	TOKYO	12613.000	22	06	1014			XSQ		FC		F1B										
J	TOKYO	12613.000	29	06	0818			XSQ		FC		F1B										
J	TOKYO	12622.500	22	06	1017			XSQ		FC		F1B										
G	BALDOCK	12631.000	15	06	1710			?		FX		F1B							70	B		
G	BALDOCK	12637.005	15	06	1715			XSG (SHANGHAI)	CHN	FC		F1B							52	B		100 BD SITOR MODE A
J	TOKYO	12637.500	06	04	0639			XSG		FC		F1B										
J	TOKYO	12637.500	13	04	0548			XSG		FC		F1B	121	E	06	31	N	35	261	B		
J	TOKYO	12637.500	19	04	0216			XSG		FC		F1B										
J	TOKYO	12637.500	27	04	0016			XSG		FC		F1B										
J	TOKYO	12637.500	10	06	0037			XSG		FC		F1B										
J	TOKYO	12637.500	29	06	0820			XSG		FC		F1B										
J	TOKYO	12640.990	22	06	1021				CHN			A1A	110	E	44	33	N	38	273	B		
J	TOKYO	12648.500	06	04	0640			XSQ		FC		F1B										
J	TOKYO	12648.500	19	04	0217			XSQ		FC		F1B										
J	TOKYO	12648.500	27	04	0017			XSQ		FC		F1B										
J	TOKYO	12648.500	10	06	0038			XSG		FC		F1B										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	12648.500	22	06	1015			XSQ		FC		F1B										
J	TOKYO	12648.500	29	06	0822			XSQ		FC		F1B										
J	TOKYO	12666.300	06	04	0643				F			J2B	149	W	19	17	N	26	115	A		OCE
G	BALDOCK	12668.300	15	06	1725			?		FX		G1D							150			
G	BALDOCK	12668.400	19	05	0024			?	F	FX		G1D							152	B		2400 BD STANAG 4285
G	BALDOCK	12702.800	19	05	0035			?	POR	FC		G1D	008	W	29	39	N	25	209	A		STANAG 4285
G	BALDOCK	12706.300	19	05	0034			?	POR	FC		G1D	007	W	48	40	N	42	208	A		2400 BD STANAG 4285
INS	MSTM-MEDAN	12725.000	20	04	0325	0330	2.0	Unknown	INS	FX	500HE	F1C										SITOR
J	TOKYO	12725.800	06	04	0646				F			J2B	149	W	17	17	N	54	116	B		OCE
G	BALDOCK	12731.800	15	06	1730			?		FX		G1D							169			
G	BALDOCK	12741.000	15	06	1735			?	RUS	FC		F1B	034	E	23	68	N	51	31	B		50 BD SECURE
J	TOKYO	12773.000	22	06	1021				RUS			F1B	103	E	08	52	N	24	313	B		
KOR	CRMS	12775.000	07	06	1209	1209	11.1		CHN	BC		A3E									11	
J	TOKYO	12794.960	13	04	0556			SOUND OF HOPE		BC		A3E	120	E	38	22	N	42	238	B	11	TAIWAN
J	TOKYO	12794.970	06	04	0648			SOUND OF HOPE		BC		A3E	121	E	12	23	N	35	239	A	11	TAIWAN
J	TOKYO	12794.980	27	04	0018				CHN	BC		A3E	121	E	06	24	N	27	241	B		
J	TOKYO	12795.000	29	06	0824			CHINA N.R.		BC		A3E	108	E	47	19	N	04	249	A	11	
J	TOKYO	12804.000	19	04	0221				RUS			F1B	132	E	44	42	N	58	323	A		
J	TOKYO	12804.000	10	06	0040				RUS			F1B	131	E	35	43	N	45	323	A		
J	TOKYO	12804.000	22	06	1024				RUS			F1B	131	E	25	43	N	01	319	B		
G	BALDOCK	12813.000	15	06	1740			?	CAN	FX		G1D							288	A		STANAG 4285
J	TOKYO	12819.900	10	06	0042			SOUND OF HOPE		BC		A3E	120	E	33	23	N	12	239	A	11	TAIWAN
J	TOKYO	12819.940	06	04	0650			SOUND OF HOPE		BC		A3E	120	E	23	23	N	21	240	A	11	TAIWAN
J	TOKYO	12819.970	27	04	0019			SOUND OF HOPE		BC		A3E	120	E	29	23	N	29	240	B	11	TAIWAN
KOR	CRMS	12820.000	21	04	0928	0928	27.0		CHN	BC		A3E							53		11	
KOR	CRMS	12820.000	21	05	0714	0714	46.8		CHN	BC		A3E									11	
KOR	CRMS	12820.000	02	06	0945	0945	33.5		CHN	BC		A3E									11	
J	TOKYO	12820.000	22	06	1025			CHINA N.R.		BC		A3E	109	E	15	19	N	13	247	B	11	
INS	MSTM-MEDAN	12830.000	20	04	0440	0510	4.0	Unknown	INS	FX	2K80E	J3E										Komrad
G	BALDOCK	12832.005	15	06	1745			?	RUS	FX		F1B							67	A		50 BD
J	TOKYO	12835.010	10	06	0044			SOUND OF HOPE		BC		A3E	121	E	15	23	N	53	240	A	11	TAIWAN
J	TOKYO	12835.010	22	06	1025			SOUND OF HOPE		BC		A3E	121	E	25	24	N	46	241	B	11	TAIWAN
J	TOKYO	12835.030	27	04	0020			SOUND OF HOPE		BC		A3E	121	E	16	23	N	50	240	B	11	TAIWAN
J	TOKYO	12835.040	06	04	0652			SOUND OF HOPE		BC		A3E	121	E	15	24	N	08	240	A	11	TAIWAN
J	TOKYO	12843.000	06	04	0654			HLO		FC		A1A										
J	TOKYO	12843.000	19	04	0224			HLO		FC		A1A										
J	TOKYO	12843.000	27	04	0020			HLO		FC		A1A										
J	TOKYO	12843.000	10	06	0046			HLO		FC		A1A										
J	TOKYO	12843.000	22	06	1026			HLO		FC		A1A										

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	12843.000	29	06	0830			HLO		FC		A1A										
KOR	CRMS	12870.000	26	04	1209	1209	9.1		CHN	BC		A3E							53		11	
KOR	CRMS	12870.000	25	05	0637	0637	3.7		CHN	BC		A3E									11	
J	TOKYO	12870.190	10	06	0047			SOUND OF HOPE		BC		A3E	127	E	37	36	N	11	277	A	11	KOR
J	TOKYO	12871.000	06	04	0654							A1A										
G	BALDOCK	12875.400	15	06	1755			?	F	FX		G1D							169			
INS	MSTM-MEDAN	12877.750	16	04	0120	0130	4.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	12879.890	10	06	0050			SOUND OF HOPE		BC		A3E	121	E	17	24	N	26	241	B	11	TAIWAN
J	TOKYO	12879.900	27	04	0021			SOUND OF HOPE		BC		A3E	120	E	48	23	N	23	239	B	11	TAIWAN
J	TOKYO	12879.910	06	04	0656			SOUND OF HOPE		BC		A3E	121	E	00	24	N	49	242	A	11	TAIWAN
KOR	CRMS	12880.000	21	04	0928	0928	42.6		CHN	BC		A3E							53		11	
KOR	CRMS	12880.000	22	05	0019	0019	52.2		CHN	BC		A3E									11	
KOR	CRMS	12880.000	03	06	0325	0325	17.4		CHN	BC		A3E									11	
J	TOKYO	12880.000	10	06	0050				CHN	BC		A3E	108	E	59	19	N	08	248	B		
J	TOKYO	12881.000	06	04	0658				RUS			F1B	051	E	35	57	N	25	321	B		
J	TOKYO	12916.500	19	04	0225			HLF		FC		A1A										
J	TOKYO	12916.510	06	04	0700			HLF		FC		A1A										
J	TOKYO	12916.510	27	04	0022			HLF		FC		A1A										
J	TOKYO	12916.510	10	06	0055			HLF		FC		A1A										
J	TOKYO	12916.510	22	06	1034			HLF		FC		A1A										
J	TOKYO	12916.510	29	06	0832			HLF		FC		A1A										
G	BALDOCK	12923.000	15	06	1805			?	RUS	FX		A1A							40	B		
J	TOKYO	12923.020	06	04	0701			HLW2		FC		A1A										
J	TOKYO	12923.020	19	04	0226			HLW2		FC		A1A										
J	TOKYO	12923.020	27	04	0023			HLW2		FC		A1A										
J	TOKYO	12923.020	10	06	0056			HLW2		FC		A1A										
J	TOKYO	12923.020	22	06	1035			HLW2		FC		A1A										
J	TOKYO	12923.020	29	06	0833			HLW2		FC		A1A										
G	BALDOCK	12932.500	15	06	1810			EBA (MADRID)	E	FX		G1D							191	A		
J	TOKYO	12935.000	06	04	0702			HLG		FC		A1A										
J	TOKYO	12935.000	19	04	0227			HLG		FC		A1A										
J	TOKYO	12935.000	27	04	0024			HLG		FC		A1A										
J	TOKYO	12935.000	10	06	0057			HLG		FC		A1A										
G	BALDOCK	12935.000	15	06	1812			HLG (SEOUL RADIO)	KOR	FC		A1A							40	A		HLG QSX 12MHZ K
J	TOKYO	12935.000	22	06	1036			HLG		FC		A1A										
J	TOKYO	12935.000	29	06	0834			HLG		FC		A1A										
J	TOKYO	12943.700	06	04	0703							J2B							156	C		
KOR	CRMS	12950.000	22	05	0020	0020	17.1		CHN	BC		A3E									11	
J	TOKYO	12950.220	10	06	0058			SOUND OF HOPE		BC		A3E	127	E	42	36	N	46	280	A	11	KOR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	12990.000	30	05	0604			CYPRUS PULSE	CYP	LR		P0N							115	A		
J	TOKYO	13000.760	10	06	0103				RUS			J2D	137	E	06	50	N	33	352	B		
J	TOKYO	13019.740	22	06	1037			SOUND OF HOPE		BC		A3E	121	E	31	24	N	57	242	B	11	TAIWAN
J	TOKYO	13019.750	19	04	0230			SOUND OF HOPE		BC		A3E	121	E	05	24	N	20	241	B	11	TAIWAN
KOR	CRMS	13020.000	22	04	0315	0315	20.5		CHN	BC		A3E							53		11	
KOR	CRMS	13020.000	22	05	0020	0020	21.8		CHN	BC		A3E									11	
KOR	CRMS	13020.000	03	06	0325	0325	11.1		CHN	BC		A3E									11	
J	TOKYO	13020.000	29	06	0836			CHINA N.R.		BC		A3E	109	E	38	19	N	32	247	A	11	
G	BALDOCK	13033.000	19	05	0037			?	USA	MS		G1D							258	A		STANAG 2400
J	TOKYO	13036.890	22	06	1039				RUS				136	E	42	50	N	37	351	B		
J	TOKYO	13037.000	10	06	0107				RUS			J2D	137	E	09	50	N	23	352	A		
G	BALDOCK	13059.400	15	06	1815			EBA (MADRID)	E	FX		G1D							190	A		
INS	MSTM-MEDAN	13069.000	15	04	0110	0120	28.0	Unknown		FX	500HE	F1C										SITOR
KOR	CRMS	13070.000	26	04	0428	0428	24.0		CHN	BC		A3E							53		11	
KOR	CRMS	13070.000	23	05	1211	1211	21.5		CHN	BC		A3E									11	
KOR	CRMS	13070.000	21	06	0342	0342	11.2		CHN	BC		A3E									11	
J	TOKYO	13070.130	10	06	0108			SOUND OF HOPE		BC		A3E	120	E	58	24	N	11	241	B	11	TAIWAN
J	TOKYO	13070.130	29	06	0840			SOUND OF HOPE		BC		A3E	121	E	20	24	N	47	241	B	11	TAIWAN
J	TOKYO	13070.140	06	04	0710			SOUND OF HOPE		BC		A3E	121	E	32	24	N	58	242	B	11	TAIWAN
J	TOKYO	13073.260	10	06	0111				RUS			J2D	137	E	01	50	N	21	351	A		
INS	MSTM-MEDAN	13090.000	15	04	0140	0150	22.0	Unknown		FX	500HE	F1C										SITOR
J	TOKYO	13107.000	06	04	0714				RUS			J2D	109	E	46	51	N	43	316	B		
KOR	CRMS	13130.000	22	04	0316	0316	12.0		CHN	BC		A3E							53		11	
KOR	CRMS	13130.000	21	05	0714	0714	52.6		CHN	BC		A3E									11	
KOR	CRMS	13130.000	04	06	0636	0636	1.4		CHN	BC		A3E									11	
J	TOKYO	13130.000	22	06	1040				CHN	BC		A3E	105	E	49	33	N	56	276	B		
J	TOKYO	13130.000	29	06	0843			CHINA N.R.		BC		A3E	113	E	34	34	N	50	276	A	11	
J	TOKYO	13130.110	19	04	0235			SOUND OF HOPE		BC		A3E	121	E	27	25	N	04	242	A	11	TAIWAN
J	TOKYO	13130.110	27	04	0034			SOUND OF HOPE		BC		A3E	120	E	48	23	N	35	240	B	11	TAIWAN
G	BALDOCK	13155.000	08	06	1820	1824		RUSSIAN PULSE	RUS	LR		P0N							67	A		PENZA
J	TOKYO	13159.890	10	06	0114			SOUND OF HOPE		BC		A3E	120	E	50	24	N	22	241	B	11	TAIWAN
J	TOKYO	13159.900	27	04	0035			SOUND OF HOPE		BC		A3E	120	E	37	23	N	35	240	B	11	TAIWAN
J	TOKYO	13159.910	06	04	0716			SOUND OF HOPE		BC		A3E	120	E	48	24	N	04	241	B	11	TAIWAN
KOR	CRMS	13160.000	22	04	0316	0316	31.3		CHN	BC		A3E							53		11	
KOR	CRMS	13160.000	22	05	0020	0020	30.2		CHN	BC		A3E									11	
KOR	CRMS	13160.000	01	06	0702	0702	8.2		CHN	BC		A3E									11	
J	TOKYO	13160.000	10	06	0113				CHN	BC		A3E	110	E	15	18	N	57	246	B		
J	TOKYO	13160.000	22	06	1040				CHN	BC		A3E	116	E	33	25	N	19	250	B		
J	TOKYO	13160.000	29	06	0846			CHINA N.R.		BC		A3E	123	E	59	47	N	01	318	A	11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	13200.000	21	06	0342	0342	9.0		CHN	BC		A3E									11	
INS	MSTM-MEDAN	13225.000	15	04	0350	0400	22.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	13270.000	06	04	0740			HAT YAI		FA		J2D										
J	TOKYO	13270.000	19	04	0239			HAT YAI		FA		J2D										
J	TOKYO	13270.000	29	06	0853			HAT YAI		FA		J2D										
INS	MSTM-MEDAN	13272.000	14	04	0120	0130	34.0	Unknown		FX	2K80E	J3E										KOMRAD
J	TOKYO	13285.000	06	04	0718			BEIJING				J3E	116	E	20	39	N	38	289	B		
J	TOKYO	13342.000	10	06	0120			MUAN		FA		J2D	126	E	26	35	N	23	273	B		
J	TOKYO	13378.000	10	06	0120				CHN			A1A	114	E	25	22	N	49	248	B		
G	BALDOCK	13411.800	08	06	1815			6WW (DAKAR SENEGAL)	SEN	FX		G1D							206	A		STANAG 4285
G	BALDOCK	13419.810	04	06	1739			?	F	FC		F1B							168	A		850 SHIFT 50 BAUD
J	TOKYO	13437.000	06	04	0721				RUS			F1B	137	E	06	50	N	26	352	B		
G	BALDOCK	13528.000	30	06	0122			C BEACON	RUS	RN		A1A							65	A		MORSE
J	TOKYO	13528.300	19	04	0132			K				A1A	158	E	02	53	N	07	30	A		
J	TOKYO	13528.300	27	04	0004			K				A1A	157	E	59	53	N	05	29	A		
J	TOKYO	13528.300	09	06	2355			K				A1A	157	E	01	52	N	11	30	B		
J	TOKYO	13528.300	22	06	1012			K				A1A										
J	TOKYO	13528.400	19	04	0133			M				A1A										
J	TOKYO	13528.400	09	06	2355			M				A1A	140	E	14	51	N	19	359	B		
J	TOKYO	13528.400	22	06	1009			M				A1A										
INS	MSTM-MEDAN	13530.000	13	04	0220	0230	28.0	Sho Xi Wang Zhi Sheng	CHN	BC	8K00E	A3E										Broadcast
KOR	CRMS	13530.000	22	04	0316	0316	12.0		CHN	BC		A3E							53		11	
KOR	CRMS	13530.000	21	05	0715	0715	37.4		CHN	BC		A3E									11	
KOR	CRMS	13530.000	07	06	1210	1210	9.8		CHN	BC		A3E									11	
J	TOKYO	13530.000	22	06	1014				CHN	BC		A3E	108	E	42	19	N	16	247	B		
J	TOKYO	13530.000	29	06	0753				CHN	BC		A3E	087	E	23	44	N	21	299	B		
G	BALDOCK	13530.000	30	06	0140			SOH XI WANG ZHI SHENG	CHN	BC		A3E							52	A		MIAOLI TX SITE
J	TOKYO	13530.220	06	04	0604			SOUND OF HOPE		BC		A3E	121	E	12	24	N	18	241	B	11	TAIWAN
J	TOKYO	13530.220	13	04	0427			SOUND OF HOPE		BC		A3E	121	E	20	24	N	35	241	A	11	TAIWAN
J	TOKYO	13530.220	19	04	0134			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13530.220	09	06	2353			SOUND OF HOPE		BC		A3E	121	E	02	24	N	13	241	B	11	TAIWAN
J	TOKYO	13530.220	29	06	0800			SOUND OF HOPE		BC		A3E	121	E	24	25	N	05	242	B	11	TAIWAN
J	TOKYO	13549.960	06	04	0605			SOUND OF HOPE		BC		A3E	121	E	29	24	N	18	240	B	11	TAIWAN
J	TOKYO	13549.970	27	04	0003			SOUND OF HOPE		BC		A3E	120	E	33	22	N	56	239	B	11	TAIWAN
J	TOKYO	13549.980	19	04	0135			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	13550.000	31	05	0414	0414	18.9		CHN	BC		A3E									11	
J	TOKYO	13569.990	19	04	0137			HLL2				F3C										
J	TOKYO	13569.990	27	04	0008			HLL2				F3C	128	E	12	36	N	01	276	A		
KOR	CRMS	13570.000	03	04	0924	0924	52.8		CHN	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	13570.000	01	05	0922	0922	40.1		CHN	BC		A3E									6	
KOR	CRMS	13570.000	14	05	1608	1608	48.7		USA	BC		A3E									6	
G	BALDOCK	13570.000	25	05	0932			VO ISLAMIC REP. IRAN	IRN	BC		A3E							95	B		ZAHEDAN TX SITE
KOR	CRMS	13570.000	02	06	0946	0946	25.0		CHN	BC		A3E									6	
J	TOKYO	13570.000	10	06	0002			HLL2				F3C										
G	BALDOCK	13570.000	15	06	1114			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							55	A		XIANYANG TX SITE
KOR	CRMS	13570.000	25	06	1607	1607	59.5		USA	BC		A3E									6	
G	BALDOCK	13580.000	24	05	1149			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							64	A		KUNMING-ANNING TX SITE
G	BALDOCK	13580.000	15	06	1120			R FREE ASIA	TJK	FX		A3E	068	E	47	37	N	32	77	B		DESHANBE-ORZU TX
KOR	CRMS	13590.000	02	04	0643	0643	28.9		CHN	BC		A3E									6	
KOR	CRMS	13590.000	07	04	0048	0048	10.6		CHN	BC		A3E									6	
INS	MSTM-MEDAN	13590.000	13	04	0320	0330	44.0	Sho Xi Wang Zhi Sheng	CHN	BC	8K00E	A3E										Broadcast
J	TOKYO	13590.000	21	04	0300			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	13590.000	04	05	0622	0622	16.2		CHN	BC		A3E									6	
KOR	CRMS	13590.000	05	05	0946	0946	11.0		CHN	BC		A3E									6	
G	BALDOCK	13590.000	24	05	1152			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							48	B		BEIJING TX SITE
G	BALDOCK	13590.000	15	06	1136			VOICE OF ISLAMIC REP. IRAN	IRN	BC		A3E	060	E	51	29	N	28	95	B		ZAHEDAN TX
KOR	CRMS	13590.000	23	06	0942	0942	42.4		CHN	BC		A3E									6	
KOR	CRMS	13590.000	30	06	0042	0042	57.7		CHN	BC		A3E									6	
INS	MSTM-MEDAN	13610.000	13	04	0340	0350	44.0	CNR 1 Voice Of China	CHN	BC	8K00E	A3E										Broadcast
INS	MSWR-MERAUKE	13610.000	13	04	2310	2330	40.9	CNR 1 Voice Of China	CHN	BC	6K00E	A3E										
KOR	CRMS	13610.000	28	05	0735	0735	16.8	CNR	CHN	BC		A3E									3	
G	BALDOCK	13622.500	08	06	1820			RUSSIAN PULSE	RUS	LR		P0N							68	A		PENZA
KOR	CRMS	13630.000	02	04	0643	0643	47.3		CHN	BC		A3E									6	
KOR	CRMS	13630.000	08	04	0427	0427	33.3		CHN	BC		A3E									6	
INS	MSTM-MEDAN	13630.000	13	04	0400	0410	44.0	Sho Xi Wang Zhi Sheng	CHN	BC	8K00E	A3E										Broadcast
KOR	CRMS	13630.000	02	05	0319	0319	16.6		CHN	BC		A3E									6	
KOR	CRMS	13630.000	02	06	0034	0034	40.7		CHN	BC		A3E									6	
J	TOKYO	13634.000	29	06	0806				RUS				139	E	42	48	N	21	357	B		
G	BALDOCK	13635.000	15	06	1249			VOICE OF TURKEY	TUR	BC		A3E	032	E	51	39	N	29	106	A		EMIRLER TX
KOR	CRMS	13640.000	07	04	0911	0911	42.8		CHN	BC		A3E									6	
KOR	CRMS	13640.000	22	04	0317	0317	32.6		CHN	BC		A3E									6	
G	BALDOCK	13640.000	06	05	1645			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	B		KASHI-SAIBAGH TX SITE
KOR	CRMS	13640.000	11	05	0638	0638	35.3		CHN	BC		A3E									6	
KOR	CRMS	13640.000	26	05	0954	0954	38.4		CHN	BC		A3E									6	
KOR	CRMS	13640.000	02	06	0947	0947	23.0		CHN	BC		A3E									6	
G	BALDOCK	13640.000	30	06	0145			VOICE OF AMERICA	CHN	BC		A3E							70	A		UDON THANI TX SITE

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	13650.000	12	04	2320	2350	38.5	NHK WORLD RADIO JAPAN	J	BC	6K00E	A3E										
INS	MSTM-MEDAN	13650.000	13	04	0420	0430	44.0	VOICE OFF KOREA	KRE	BC	8K00E	A3E										Broadcast
KOR	CRMS	13650.000	22	04	0318	0318	15.9	KCB	KRE	BC		A3E									3	
KOR	CRMS	13650.000	23	05	0352	0352	40.6	KCB	KRE	BC		A3E									3	
KOR	CRMS	13650.000	07	06	0426	0426	15.0	KCB	KRE	BC		A3E									3	
INS	MSWR-MERAUKE	13655.000	12	04	0140	0200	30.5	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
J	TOKYO	13655.000	16	06	0000			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	13655.000	30	06	0042	0042	53.9	CRI	CHN	BC	8K37E	A3E									3	
G	BALDOCK	13660.000	06	05	1653			RADIO ROMANIA INTERNATIONAL	ROU	BC		A3E							102	A		TIGANESTI-SAFTICA TX
KOR	CRMS	13660.000	28	05	0737	0737	34.1	CRI	CHN	BC		A3E									3	
KOR	CRMS	13670.000	05	04	0416	0416	19.9	CNR	CHN	BC		A3E									3	
INS	MSTM-MEDAN	13670.000	13	04	0440	0450	44.0	PBS XINJIANG		BC	8K00E	A3E										Broadcast
KOR	CRMS	13670.000	07	05	0605	0605	3.2	CNR	CHN	BC		A3E									3	
KOR	CRMS	13670.000	26	05	0039	0039	49.0		CHN	BC		A3E									6	
KOR	CRMS	13670.000	05	06	0918	0918	29.3		CHN	BC		A3E									6	
KOR	CRMS	13670.000	16	06	0932	0932	18.0	CNR	CHN	BC		A3E									3	
KOR	CRMS	13680.000	01	04	0408	0408	29.1		CHN	BC		A3E									6	
KOR	CRMS	13680.000	02	04	1556	1556	13.2	CRI	CHN	BC		A3E									3	
INS	MSTM-MEDAN	13680.000	13	04	0450	0500	44.0	Sho Xi Wang Zhi Sheng	CHN	BC	8K00E	A3E										Broadcast
KOR	CRMS	13680.000	05	05	0045	0045	22.5		CHN	BC		A3E									6	
G	BALDOCK	13680.000	06	05	1656			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							71	A		KASHI-SAIBAGH TX SITE
KOR	CRMS	13680.000	11	05	0638	0638	35.6		CHN	BC		A3E									6	
KOR	CRMS	13680.000	05	06	0031	0031	32.0		CHN	BC		A3E									6	
KOR	CRMS	13680.000	29	06	1528	1528	32.8	CRI	CHN	BC		A3E									3	
G	BALDOCK	13690.000	18	05	1846			NHK WORLD RADIO JPN	D	BC		A3E	012	E	54	52	N	38	82	A		NAUEN TX
G	BALDOCK	13695.000	25	05	0937			RADIO FRANCE INTERNATIONAL	F	BC		A3E							163	B		ISSODUN TX
INS	MSTM-MEDAN	13700.000	13	04	0510	0520	28.0	CNR 13	CHN	BC	8K00E	A3E										Broadcast
G	BALDOCK	13700.000	24	05	1253			CHINA NATIONAL RADIO	CHN	BC		A3E							52	B		LINGSHI TX SITE
KOR	CRMS	13700.000	28	05	0737	0737	35.8	CNR	CHN	BC		A3E									3	
INS	MSWR-MERAUKE	13710.000	12	04	0051	0115	38.0	ALL INDIA RADIO	IND	BC	6K00E	A3E										
KOR	CRMS	13710.000	21	04	0048	0048	39.1		IND	BC		A3E									6	
KOR	CRMS	13710.000	05	05	0046	0046	10.8		IND	BC		A3E									6	
G	BALDOCK	13710.000	06	05	1657			RADIO SAUDI	ARS	BC		A3E	046	E	52	24	N	49	107	B		RIYADH TX SITE
J	TOKYO	13715.000	06	04	0607				CHN	BC		D7W	102	E	47	25	N	10	262	B		
G	BALDOCK	13720.000	18	05	1848			RADIO FRANCE INTERNATIONAL	F	BC		A3E	001	E	53	46	N	57	157			ISSOUDON TX SITE
G	BALDOCK	13720.000	24	05	1254			CHINA RADIO INTERNATIONAL	CHN	BC		A3E	108	E	36	34	N	22	55	A		XIANYANG TX SITE
KOR	CRMS	13720.000	29	06	1528	1528	35.6	AGM	USA	BC		A3E									3	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	13720.000	30	06	1010	1010	48.0		CHN	BC		A3E									6	
KOR	CRMS	13730.000	27	04	0638	0638	42.7		CHN	BC		A3E									6	
G	BALDOCK	13730.000	18	05	1850			NHK WORLD RADIO JAPAN	MDG	BC		A3E							133	B		TALATA- VOLONONDRY TX
G	BALDOCK	13740.000	24	05	1256			RADIO HABANA CUBA	CUB	BC		A3E							277	A		BEJUCAL TX
INS	MSTM-MEDAN	13750.000	13	04	0000	2400	34.0	RADIO FREE ASIA	KWT	BC	8K00E	A3E										Broadcast
J	TOKYO	13750.000	21	04	0000			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	13750.000	26	04	0432	0432	52.9		KWT	BC		A3E									6	
KOR	CRMS	13750.000	10	05	0422	0422	10.6		CHN	BC		A3E									6	
G	BALDOCK	13750.000	14	05	0556			RADIO FREE ASIA	KWT	BC		A3E							103	B		KUWAIT TX
KOR	CRMS	13750.000	24	05	0429	0429	30.7		KWT	BC		A3E									6	
KOR	CRMS	13750.000	10	06	0415	0415	13.7		CHN	BC		A3E									6	
KOR	CRMS	13750.000	28	06	0430	0430	34.4		KWT	BC		A3E									6	
G	BALDOCK	13760.000	06	05	1703			CHINA RADIO INTERNATIONAL	CHN	BC		A3E	075	E	42	39	N	21	71	A		KASHI-SAIBAGH TX
G	BALDOCK	13760.000	14	05	0553			VOICE OF KOREA	KRE	BC		A3E	125	E	05	40	N	05	39	A		KUJANG TX
G	BALDOCK	13760.000	24	05	1258			VOICE OF TURKEY	TUR	BC		A3E	032	E	51	39	N	29	107	A		ERMILER TX SITE
KOR	CRMS	13760.000	15	06	0633	0633	29.7		KRE	BC		A3E									6	
INS	MSWR-MERAUKE	13770.000	12	04	0000	0030	37.2	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
INS	MSWR-MERAUKE	13770.000	12	04	0120	0140	33.3	CNR 7 Radio The Great Bay	CHN	BC	6K00E	A3E										
G	BALDOCK	13770.000	14	05	0551			CNR 7 RADIO THE GREAT BAY	CHN	BC		A3E							70	B		KASHI-SAIBAGH TX
KOR	CRMS	13775.000	21	04	0049	0049	60.6		CHN	BC		A3E									6	
KOR	CRMS	13775.000	03	05	0350	0350	30.6		CHN	BC		A3E									6	
KOR	CRMS	13775.000	28	05	0737	0737	50.1	CRI	CHN	BC		A3E									3	
KOR	CRMS	13775.000	14	06	0417	0417	34.5		CHN	BC		A3E									6	
INS	MSWR-MERAUKE	13780.000	12	04	0205	0220	34.1	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
KOR	CRMS	13790.000	01	04	0410	0410	20.2		CHN	BC		A3E									6	
KOR	CRMS	13790.000	06	04	0656	0656	41.6	AGM	USA	BC		A3E									3	
INS	MSWR-MERAUKE	13790.000	12	04	0600	0630	45.2	R.FREE ASIA	USA	BC	6K00E	A3E										
KOR	CRMS	13790.000	04	05	0624	0624	26.1	AGM	USA	BC		A3E									3	
G	BALDOCK	13790.000	06	05	1705			CHINA RADIO INTERNATIONAL	CHN	BC		A3E	075	E	42	39	N	21	72	B		KASHI-SAIBAGH TX
KOR	CRMS	13790.000	11	05	0639	0639	42.9		CHN	BC		A3E									6	
KOR	CRMS	13790.000	22	05	0930	0930	47.7		CHN	BC		A3E									6	
G	BALDOCK	13790.000	24	05	1258			BBC WORLD SERVICE		BC		A3E							135	A		BCST BBC WS START
KOR	CRMS	13790.000	06	06	1217	1217	25.7		CHN	BC		A3E									6	
KOR	CRMS	13790.000	19	06	0916	0916	37.6		CHN	BC		A3E									6	
KOR	CRMS	13790.000	22	06	0644	0644	54.4	AGM	USA	BC		A3E									3	
KOR	CRMS	13790.000	30	06	1831	1831	26.3		CVA	BC		A3E									6	
J	TOKYO	13810.000	06	04	0608			CHINA N.R.		BC		D7W	102	E	44	24	N	23	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
KOR	CRMS	13810.000	22	04	1239	1239	40.3		TJK	BC		A3E									6	
G	BALDOCK	13810.000	06	05	1708		?		CHN	BC		A3E							67	B		CHINESE STATION
KOR	CRMS	13810.000	11	05	1543	1543	43.9		TJK	BC		A3E									6	
KOR	CRMS	13810.000	04	06	1603	1603	24.4		TJK	BC		A3E									6	
J	TOKYO	13810.000	29	06	0811			CHINA N.R.		BC		D7W	102	E	31	25	N	05	262	B		
KOR	CRMS	13820.000	13	04	1517	1517	23.1		KWT	BC		A3E									6	
J	TOKYO	13825.000	06	04	0609			CHINA N.R.		BC		D7W	116	E	11	39	N	48	289	A		
J	TOKYO	13825.000	29	06	0813			CHINA N.R.		BC		D7W	116	E	15	39	N	53	289	B		
G	BALDOCK	13830.000	18	05	1853			VATICAN RADIO	I	BC		A3E	012	E	19	42	N	02	133	B		SANTA MARIA TX
KOR	CRMS	13840.000	22	04	2119	2119	44.2		NZL	BC	9K17E	A3E									6	
KOR	CRMS	13840.000	03	05	2123	2123	10.7		NZL	BC		A3E									6	
KOR	CRMS	13840.000	22	05	0026	0026	14.6		CHN	BC		A3E									6	
G	BALDOCK	13840.000	25	05	0941			WBCQ WORLD'S LAST CHANCE	BUL	BC		A3E							110	B		KOSTINBROD (SOFIA)
KOR	CRMS	13840.000	03	06	2108	2108	11.7		NZL	BC		A3E									6	
KOR	CRMS	13840.000	21	06	0345	0345	19.1		CHN	BC		A3E									6	
G	BALDOCK	13845.000	06	05	1711			WWCR OVERCOMER MINISTRY	USA	BC		A3E	086	W	53	36	N	12	292	B		NASHVILLE TX
INS	MSTM-MEDAN	13860.000	09	04	0110	0120	39.0	R. FARDA	THA	BC	9K00E	A3E										Broadcast
INS	MSTM-MEDAN	13860.000	09	04	0440	0450	39.0	R. FARDA	THA	BC	9K00E	A3E										Broadcast
J	TOKYO	13869.950	27	04	0031			SOUND OF HOPE		BC		A3E	121	E	23	25	N	08	242	B	11	TAIWAN
J	TOKYO	13869.950	27	04	0035			SOUND OF HOPE		BC		A3E	121	E	00	23	N	32	239	A	11	TAIWAN
KOR	CRMS	13870.000	01	04	0410	0410	17.5		CHN	BC		A3E									6	
J	TOKYO	13870.000	06	04	0610			CHINA N.R.		BC		A3E	108	E	55	19	N	02	247	B	11	KOR
INS	MSTM-MEDAN	13870.000	09	04	0120	0130	29.0	SOH Xi Wang Zhi Sheng	CHN	BC	18K0E	A3E										Chinese Language Broadcast
INS	MSTM-MEDAN	13870.000	09	04	0450	0500	29.0	SOH Xi Wang Zhi Sheng	CHN	BC	18K0E	A3E										Chinese Language Broadcast
J	TOKYO	13870.000	19	04	0142			CHINA N.R.		BC		A3E	113	E	04	35	N	03	276	A	11	
J	TOKYO	13870.000	27	04	0012			CHINA N.R.		BC		A3E	113	E	17	34	N	42	275	B	11	
KOR	CRMS	13870.000	01	05	0050	0050	14.6		CHN	BC		A3E									6	
G	BALDOCK	13870.000	14	05	0548			SOH XI WANG ZHI SHENG	CHN	BC		A3E							52	B		MIAOLI TX
KOR	CRMS	13870.000	24	05	1223	1223	30.5		PHL	BC		A3E									6	
G	BALDOCK	13870.000	25	05	0942			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	A		KASHI-SAIBAGH TX
KOR	CRMS	13870.000	05	06	0033	0033	25.3		CHN	BC		A3E									6	
KOR	CRMS	13870.000	21	06	1229	1229	37.0		PHL	BC		A3E									6	
J	TOKYO	13870.000	29	06	0821			CHINA N.R.		BC		A3E	086	E	35	43	N	12	297	B	11	
G	BALDOCK	13870.000	30	06	0147			SOH XI WANG ZHI SHENG	CHN	BC		A3E							52	B		MIAOLI TX
J	TOKYO	13889.970	06	04	0615			SOUND OF HOPE		BC		A3E	121	E	08	23	N	53	240	B	11	TAIWAN
J	TOKYO	13889.970	13	04	0432			SOUND OF HOPE		BC		A3E	120	E	40	23	N	30	240	A	11	TAIWAN
J	TOKYO	13889.970	19	04	0144			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13889.980	29	06	0828			SOUND OF HOPE		BC		A3E	120	E	21	23	N	41	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	13889.990	27	04	0016			SOUND OF HOPE		BC		A3E	121	E	39	24	N	51	241	B	11	TAIWAN
INS	MSTM-MEDAN	13890.000	09	04	0140	0150	21.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
INS	MSTM-MEDAN	13890.000	09	04	0510	0520	21.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
KOR	CRMS	13890.000	22	04	0320	0320	12.5		CHN	BC		A3E							53		11	
KOR	CRMS	13890.000	21	05	0719	0719	25.5		CHN	BC		A3E									11	
KOR	CRMS	13890.000	21	06	0346	0346	12.1		CHN	BC		A3E									11	
J	TOKYO	13919.960	13	04	0432			SOUND OF HOPE		BC		A3E	120	E	26	23	N	16	240	A	11	TAIWAN
J	TOKYO	13919.960	10	06	0005			SOUND OF HOPE		BC		A3E	121	E	27	25	N	02	242	B	11	TAIWAN
J	TOKYO	13919.960	29	06	0839			SOUND OF HOPE		BC		A3E	121	E	34	24	N	53	241	B	11	TAIWAN
J	TOKYO	13919.970	06	04	0616			SOUND OF HOPE		BC		A3E	120	E	52	23	N	55	240	A	11	TAIWAN
KOR	CRMS	13920.000	07	04	0052	0052	27.7		CHN	BC		A3E							53		11	
INS	MSTM-MEDAN	13920.000	09	04	0210	0220	23.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
INS	MSTM-MEDAN	13920.000	09	04	0540	0550	23.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
J	TOKYO	13920.000	19	04	0145			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13920.000	27	04	0018			SOUND OF HOPE		BC		A3E	120	E	48	24	N	06	241	A	11	TAIWAN
G	BALDOCK	13920.000	14	05	0543			SOH XI WANG ZHI CHENG	CHN	BC		A3E							55	B		MIAOLI TX SITE
KOR	CRMS	13920.000	21	05	0719	0719	50.6		CHN	BC		A3E									11	
KOR	CRMS	13920.000	02	06	0950	0950	10.8		CHN	BC		A3E									11	
J	TOKYO	13920.000	22	06	1021				CHN	BC		A3E	086	E	38	43	N	41	298	B		
G	BALDOCK	13949.000	18	05	1902			RUSSIAN OTHR	RUS	LR		P0N							66	A		RUSIIAN OTHR
J	TOKYO	13959.990	29	06	0843			SOUND OF HOPE		BC		A3E	121	E	34	24	N	29	240	B	11	TAIWAN
J	TOKYO	13960.000	06	04	0616			SOUND OF HOPE		BC		A3E	121	E	26	23	N	56	240	B	11	TAIWAN
INS	MSTM-MEDAN	13960.000	09	04	0250	0300	23.0	Unknown		BC	9K00E	A3E									11	Chinese Language Broadcast
INS	MSTM-MEDAN	13960.000	09	04	0605	0610	23.0	Unknown		BC	9K00E	A3E									11	Chinese Language Broadcast
J	TOKYO	13960.000	13	04	0438			SOUND OF HOPE		BC		A3E	121	E	32	24	N	08	237	B	11	TAIWAN
J	TOKYO	13960.000	19	04	0146			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	13960.000	27	04	0020			SOUND OF HOPE		BC		A3E	120	E	48	23	N	10	239	B	11	TAIWAN
J	TOKYO	13974.000	10	06	0007				CHN			H3E	121	E	29	24	N	51	242	A		
J	TOKYO	13979.790	27	04	0025			SOUND OF HOPE		BC		A3E	107	E	16	48	N	11	308	A	11	MNG
J	TOKYO	13979.800	19	04	0148			SOUND OF HOPE		BC		A3E									11	
KOR	CRMS	13980.000	25	04	0314	0314	12.6		CHN	BC		A3E							53		11	
KOR	CRMS	13980.000	25	05	0646	0646	10.1		CHN	BC		A3E									11	
KOR	CRMS	13980.000	16	06	0935	0935	21.7		CHN	BC		A3E									11	
J	TOKYO	13985.000	29	06	0846				RUS			F1B	082	E	17	56	N	06	316	B		
INS	MSTM-MEDAN	14068.000	08	04	0110	0120	21.0	Unknown	INS	MS	3K00E	J3E										Voice Communication Ethnic Language
INS	MSTM-MEDAN	14075.000	08	04	0120	0130	23.0	Unknown			3K00E											Digital Signal
INS	MSTM-MEDAN	14153.000	08	04	0240	0250	23.0	Unknown	INS	MS	3K00E	J3E										Voice Communication Ethnic Language
J	TOKYO	14221.000	19	04	0156							F1B							300	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	14369.870	13	04	0448			SOUND OF HOPE		BC		A3E	120	E	50	23	N	05	239	A	11	TAIWAN
J	TOKYO	14369.880	06	04	0619				CHN	BC		A3E	121	E	22	24	N	05	240	B		
J	TOKYO	14369.880	19	04	0158			SOUND OF HOPE		BC		A3E									11	
INS	MSTM-MEDAN	14370.000	07	04	0300	0310	22.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
INS	MSTM-MEDAN	14370.000	07	04	0515	0535	22.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
KOR	CRMS	14370.000	28	04	0040	0040	25.5		CHN	BC		A3E							53		11	
KOR	CRMS	14370.000	22	05	0027	0027	17.0		CHN	BC		A3E									11	
KOR	CRMS	14370.000	21	06	0346	0346	10.9		CHN	BC		A3E									11	
J	TOKYO	14370.000	29	06	0910				CHN	BC		A3E	108	E	40	19	N	03	248	B		
J	TOKYO	14379.000	22	06	1031				RUS				139	E	44	50	N	45	358	B		
J	TOKYO	14429.900	19	04	0201			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14429.910	06	04	0620				CHN	BC		A3E	121	E	10	23	N	15	239	B		
KOR	CRMS	14430.000	03	04	0927	0927	20.6		CHN	BC		A3E							52		11	
INS	MSTM-MEDAN	14430.000	07	04	0400	0410	44.0	SOH RELY RFA	CHN	BC	18K0E	A3E									11	Chinese Language Broadcast
INS	MSTM-MEDAN	14430.000	07	04	0625		44.0	SOH RELY RFA	CHN	BC	18K0E	A3E									11	Chinese Language Broadcast
J	TOKYO	14430.000	13	04	0450				CHN	BC		A3E	115	E	51	39	N	46	289	A		
KOR	CRMS	14430.000	02	05	0320	0320	29.5		CHN	BC		A3E									11	
KOR	CRMS	14430.000	08	06	1508	1508	-1.9		CHN	BC		A3E									11	
J	TOKYO	14430.000	22	06	1035				CHN	BC		A3E	108	E	53	19	N	20	248	B		
J	TOKYO	14430.000	29	06	0919				CHN	BC		A3E	129	E	15	47	N	34	328	B		
J	TOKYO	14434.300	06	04	0621				USA			F1B	157	W	57	21	N	26	87	B		HWA
J	TOKYO	14434.300	27	04	0040				USA			F1B	155	W	40	19	N	15	88	B		HWA
G	BALDOCK	14452.500	06	06	1009			?	RUS	FX		P0N							69	A		PENZA?
G	BALDOCK	14475.250	06	06	1015			?	MRC	FX		J3E							197	A		
KOR	CRMS	14500.000	28	05	0739	0739	13.2		CHN	BC		A3E									11	
G	BALDOCK	14550.000	06	06	1020			?	CYP	MS		G1D							113	A		2400BD STANAG 4285
J	TOKYO	14559.810	27	04	0046			SOUND OF HOPE		BC		A3E	128	E	31	35	N	35	273	A	11	KOR
J	TOKYO	14559.820	19	04	0207			SOUND OF HOPE		BC		A3E									11	
INS	MSTM-MEDAN	14560.000	06	04	0250	0300	21.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
KOR	CRMS	14560.000	28	04	0040	0040	21.2		CHN	BC		A3E							53		11	
KOR	CRMS	14560.000	22	05	0027	0027	45.4		CHN	BC		A3E									11	
KOR	CRMS	14560.000	01	06	0704	0704	24.0		CHN	BC		A3E									11	
J	TOKYO	14560.000	10	06	0022				CHN	BC		A3E	109	E	09	19	N	05	247	B		
J	TOKYO	14560.000	29	06	0924					BC		A3E										
J	TOKYO	14560.000	29	06	0924				KOR	BC		A3E	128	E	37	36	N	02	275	B		
INS	MSTM-MEDAN	14580.000	06	04	0310	0320	19.0	Unknown		BC	9K00E	A3E									11	Chinese Language Broadcast
J	TOKYO	14580.000	22	06	1043					BC		A3E										
J	TOKYO	14580.190	22	06	1041				KOR				128	E	52	35	N	17	275	A		
J	TOKYO	14580.210	27	04	0048				KOR	BC		A3E	128	E	43	35	N	23	272	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	14581.000	06	06	1023			?	RUS	FX		F1B							66	A		50BD SECURE
J	TOKYO	14600.000	27	04	0051				CHN	BC		A3E	115	E	58	39	N	37	289	B		
KOR	CRMS	14600.000	28	04	0040	0040	16.6		CHN	BC		A3E							53		11	
KOR	CRMS	14600.000	22	05	0027	0027	24.9		CHN	BC		A3E									11	
G	BALDOCK	14600.000	06	06	1034			?	RUS	FC		J7D							91	A		SEVASTOPOL
J	TOKYO	14600.000	22	06	1048			CHINA R.I.		BC		A3E									11	
J	TOKYO	14624.610	27	04	0056				CHN			J2D	102	E	44	25	N	02	262	B		
J	TOKYO	14634.900	13	04	0457			SOUND OF HOPE		BC		A3E	120	E	48	23	N	21	239	A	11	TAIWAN
J	TOKYO	14634.930	27	04	0101			SOUND OF HOPE		BC		A3E	120	E	40	22	N	58	239	B	11	TAIWAN
J	TOKYO	14634.940	29	06	0931				CHN	BC		A3E	120	E	39	23	N	08	329	B		
J	TOKYO	14634.950	19	04	0212			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14634.960	06	04	0622				CHN	BC		A3E	121	E	10	23	N	27	239	B		
INS	MSTM-MEDAN	14635.000	06	04	0400	0410	23.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
KOR	CRMS	14635.000	22	06	0647	0647	33.3		CHN	BC		A3E									11	
J	TOKYO	14655.000	13	04	0505				RUS			F1B	137	E	01	50	N	29	351	A		
G	BALDOCK	14664.000	06	06	1040			?	RUS	FC		F1B							31	A		50BD SECURE- MURMANSK?
J	TOKYO	14664.000	29	06	0934							F1B							338	C		
RUS	SMOLENSK	14670.000	01	04	0530	0630	25.0		EGY	FX	20K0	P0N	030	E	50	31	N	03	183	B		
G	BALDOCK	14670.000	24	04	1712			CHU	CAN	SS		H3E							294	A		UTC TIME SIGNAL
G	BALDOCK	14688.000	06	06	1045			?	RUS	FX		F1B							68	A		50BD SECURE
INS	MSTM-MEDAN	14690.000	06	04	0500	0510	27.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
KOR	CRMS	14690.000	11	05	0643	0643	11.8		CHN	BC		A3E									11	
J	TOKYO	14690.050	06	04	0623				CHN	BC		A3E	120	E	35	22	N	59	240	B		
J	TOKYO	14690.050	13	04	0509			SOUND OF HOPE		BC		A3E	121	E	25	24	N	29	241	B	11	TAIWAN
J	TOKYO	14690.050	29	06	0940				CHN	BC		A3E	121	E	25	25	N	07	242	B		TAIWAN
J	TOKYO	14690.060	19	04	0213			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14690.060	27	04	0104			SOUND OF HOPE		BC		A3E	120	E	16	23	N	07	240	B	11	TAIWAN
J	TOKYO	14691.000	22	06	1058			HLW				A1A										
G	BALDOCK	14694.000	06	05	1630			CYPRUS PULSE	CYP	LR		P0N							114	A		
G	BALDOCK	14702.500	06	06	1055			?	RUS	FX		P0N							70	A		
G	BALDOCK	14724.000	06	06	1100			?	F	FX		G1D							168	A		2400BD STANAG 4285
J	TOKYO	14756.000	29	06	0944				RUS			F1B	137	E	06	50	N	24	352	B		
J	TOKYO	14774.710	19	04	0216			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14774.710	27	04	0106			SOUND OF HOPE		BC		A3E	120	E	33	22	N	58	239	B	11	TAIWAN
J	TOKYO	14774.720	06	04	0623				CHN	BC		A3E	120	E	52	22	N	57	238	B		
RUS	SMOLENSK	14775.000	01	04	0530	0630	17.0		CHN	BC	2K99	A3E	120	E	24	23	N	02	78	B	11	
KOR	CRMS	14775.000	22	04	0321	0321	24.6		CHN	BC		A3E							53		11	
KOR	CRMS	14775.000	22	05	0028	0028	16.3		CHN	BC		A3E									11	
KOR	CRMS	14775.000	21	06	0347	0347	23.7		CHN	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
G	BALDOCK	14779.000	19	06	0335			?	USA	FX		XXX							296	A		
KOR	CRMS	14800.000	28	04	0041	0041	9.6		CHN	BC		A3E							53		11	
KOR	CRMS	14800.000	21	05	0720	0720	27.8		CHN	BC		A3E									11	
J	TOKYO	14800.010	10	06	0024			SOUND OF HOPE		BC		A3E	127	E	47	37	N	02	282	B	11	KOR
INS	MSTM-MEDAN	14820.000	06	04	0622	0623	19.0	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	Chinese Language Broadcast
KOR	CRMS	14820.000	22	05	0028	0028	45.1		CHN	BC		A3E									11	
KOR	CRMS	14820.000	03	06	0327	0327	-8.8		CHN	BC		A3E									11	
J	TOKYO	14820.040	29	06	0947				KOR	BC		A3E	126	E	21	33	N	25	263	B		
J	TOKYO	14820.050	10	06	0028			SOUND OF HOPE		BC		A3E	126	E	39	33	N	18	262	B	11	KOR
J	TOKYO	14820.050	22	06	1113				KOR	BC		A3E	126	E	37	33	N	13	262	B		
J	TOKYO	14820.080	27	04	0109			SOUND OF HOPE		BC		A3E	126	E	16	33	N	19	263	A	11	KOR
RUS	SMOLENSK	14850.000	01	04	0530	0630	28.0		CHN	BC	2K99	A3E	113	E	23	33	N	48	75	B	11	
RUS	SMOLENSK	14850.000	01	04	0730	0830	6.0		CHN	BC	2K85	A3E	120	E	20	39	N	57	64	B	11	
KOR	CRMS	14850.000	21	05	0720	0720	44.8		CHN	BC		A3E									11	
RUS	BELGOROD	14855.000	01	04	1350	1353	45.6		CYP	LR	25K3		032	E	55	34	N	50	191	B		
RUS	S. PETERSBURG	14856.000	01	04	1345	1353	38.0		CYP		23K8	P0N							175	B		
INS	MSTM-MEDAN	14870.000	01	04	0130	0145	5.0	SOH Xi Wang Zhi Sheng	CHN	BC	3K00E	A3E									11	Broadcast
KOR	CRMS	14870.000	22	04	0321	0321	8.8		CHN	BC		A3E							53		11	
KOR	CRMS	14870.000	22	05	0028	0028	27.9		CHN	BC		A3E									11	
KOR	CRMS	14870.000	21	06	0347	0347	15.0		CHN	BC		A3E									11	
J	TOKYO	14870.000	22	06	1120				CHN	BC		A3E	121	E	38	24	N	29	240	B		
J	TOKYO	14870.130	19	04	0220			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14870.130	29	06	0951				CHN	BC		A3E	120	E	31	23	N	07	239	B		TAIWAN
J	TOKYO	14887.000	19	04	0222				USA			F1B	144	E	51	13	N	30	168	B		GUM
J	TOKYO	14887.400	06	04	0624				USA			F1B	144	E	41	13	N	20	169	B		GUM
J	TOKYO	14887.400	27	04	0112				USA			F1B	144	E	42	13	N	22	169	B		GUM
J	TOKYO	14887.400	10	06	0033				USA			F1B	144	E	49	13	N	29	168	B		GUM
INS	MSTM-MEDAN	14900.000	01	04	0201	0215	8.0	SOH RELY RFA	CHN	BC	6K70E	A3E									11	Broadcast
RUS	SMOLENSK	14900.000	01	04	0530	0630	19.0		CHN	BC	2K99	A3E	108	E	53	18	N	39	90	B	11	
RUS	BELGOROD	14900.000	01	04	1140	1152	4.7		CHN	BC	7K30	A3E	120	E	38	23	N	20	79	B	11	
KOR	CRMS	14900.000	03	04	0928	0928	15.3		CHN	BC		A3E							52		11	
J	TOKYO	14900.000	06	04	0634			CHINA N.R.		BC		A3E	087	E	17	43	N	31	297	B	11	
J	TOKYO	14900.000	19	04	0223			CHINA R.I.		BC		A3E	105	E	49	18	N	57	247		11	
J	TOKYO	14900.000	27	04	0116			CHINA N.R.		BC		A3E	129	E	20	47	N	28	328	A	11	
KOR	CRMS	14900.000	06	05	0443	0443	11.0		CHN	BC		A3E									11	
KOR	CRMS	14900.000	07	06	0430	0430	11.5		CHN	BC		A3E									11	
J	TOKYO	14900.000	29	06	0954				CHN	BC		A3E	108	E	49	19	N	01	247	B		
INS	MSTM-MEDAN	14920.000	01	04	0220	0230	12.0	SOH Xi Wang Zhi Sheng	CHN	BC	8K00E	A3E									11	Broadcast
RUS	SMOLENSK	14920.000	01	04	0530	0630	22.0		CHN	BC	2K99	A3E	108	E	53	18	N	39	90	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	BELGOROD	14920.000	01	04	1125	1128	10.7		CHN	BC	7K10	A3E	120	E	47	24	N	33	78	B	11	
J	TOKYO	14920.000	13	04	0515			SOUND OF HOPE		BC		A3E	121	E	07	24	N	29	241	A	11	TAIWAN
KOR	CRMS	14920.000	23	04	0626	0626	28.0		CHN	BC		A3E							53		11	
J	TOKYO	14920.000	27	04	0118			SOUND OF HOPE		BC		A3E	121	E	25	24	N	40	241	B	11	TAIWAN
KOR	CRMS	14920.000	21	05	0721	0721	54.7		CHN	BC	4K37E	A3E									11	
KOR	CRMS	14920.000	01	06	0704	0704	15.6		CHN	BC		A3E									11	
J	TOKYO	14920.000	22	06	1120				CHN	BC		A3E	109	E	44	18	N	41	246	B		
J	TOKYO	14920.000	29	06	0956				CHN	BC		A3E							247	C		
J	TOKYO	14920.010	19	04	0225			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14939.970	29	06	0957					BC		A3E										
J	TOKYO	14939.980	19	04	0227			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14939.980	27	04	0120			SOUND OF HOPE		BC		A3E	121	E	34	24	N	58	242	B	11	TAIWAN
J	TOKYO	14979.950	06	04	0635				CHN	BC		A3E	121	E	27	24	N	56	242	B		TAIWAN
J	TOKYO	14979.950	13	04	0520			SOUND OF HOPE		BC		A3E	120	E	53	24	N	33	242	B	11	TAIWAN
J	TOKYO	14979.950	19	04	0232			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	14979.950	27	04	0122			SOUND OF HOPE		BC		A3E	120	E	40	23	N	55	241	A	11	TAIWAN
INS	MSTM-MEDAN	14980.000	01	04	0245	0252	6.0	SOH Xi Wang Zhi Sheng	CHN	BC	4K50E	A3E									11	Broadcast
RUS	SMOLENSK	14980.000	01	04	0830	0930	8.0		CHN	BC	2K99	A3E	109	E	21	18	N	28	89	B	11	
KOR	CRMS	14980.000	23	04	0626	0626	29.4		CHN	BC		A3E							53		11	
KOR	CRMS	14980.000	21	05	0721	0721	47.3		CHN	BC		A3E									11	
KOR	CRMS	14980.000	01	06	0705	0705	38.8		CHN	BC		A3E									11	
J	TOKYO	14980.000	10	06	0034				CHN	BC		A3E	109	E	35	18	N	46	246	B		
G	BALDOCK	14996.000	24	04	1717				RUS	SS		A1A	037	E	38	56	N	15	64	A		TIME-STANDARD
G	BALDOCK	14996.000	23	06	0528			RWM	RUS	SS		A1A	037	E	38	56	N	15	64	A		TIME-STANDARD
INS	MSTM-MEDAN	15000.000	01	04	0255	0300	14.0	Standard Frequency and Time Signal			5K00E											
RUS	SMOLENSK	15000.000	01	04	0530	0630	12.0		CHN	FX	2K99	N0N	108	E	41	33	N	33	79	B		
RUS	BELGOROD	15000.000	01	04	0655	0700	49.0		CHN	SS	44H0	A9W	109	E	01	35	N	35	77	B		
J	TOKYO	15000.000	06	04	0636			WWVH		SS		AXW										
J	TOKYO	15000.000	06	04	0636			BPM		SS		AXW										
J	TOKYO	15000.000	06	04	0745			BPM		SS		AXW	109	E	02	34	N	02	275	A		
J	TOKYO	15000.000	13	04	0620			WWVH		SS		AXW										
J	TOKYO	15000.000	13	04	0620			BPM		SS		AXW										
J	TOKYO	15000.000	19	04	0233			BPM		SS		AXW										
J	TOKYO	15000.000	19	04	0233			WWVH		SS		AXW										
J	TOKYO	15000.000	19	04	0420			BPM		SS		AXW	108	E	47	34	N	26	277	A		
J	TOKYO	15000.000	27	04	0124			BPM		SS		AXW	120	E	40	23	N	55	241	A		
J	TOKYO	15000.000	27	04	0124			WWVH		SS		AXW							87	C		
J	TOKYO	15000.000	01	06	0415			BPM		SS		AXW	108	E	47	34	N	28	277	A		
J	TOKYO	15000.000	10	06	0029			WWVH		SS		AXW										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	15000.000	21	06	2345			WWVH		SS		AXW	157	W	53	21	N	22	87	B		
J	TOKYO	15000.000	22	06	1121			WWVH		SS		AXW										
G	BALDOCK	15000.000	23	06	0345			WWV (FORT COLLINS) COLORADO	USA	SS		A3E							307	A		UTC TIME SIGNAL
G	BALDOCK	15000.000	23	06	0543			WWVH (KUIAI) HAWAI	USA	LR		H3E	159	W	45	21	N	59	338	B		UTC TIME SIGNAL
J	TOKYO	15000.000	29	06	1000			WWVH		SS		AXW	157	W	59	21	N	16	87	B		
INS	MSTM-MEDAN	15030.000	01	04	0300	0305	28.0	ALL INDIA RADIO	IND	BC	9K00E	A3E										Broadcast
RUS	NOVOSIBIRSK	15030.000	01	04	0400	0430	22.0		IND	BC		A3E	077	E	29	13	N	31	188	A		
RUS	MOROZOVSK	15030.000	01	04	0800	0815	58.0		IND	BC	8K00	A3E	077	E	48	09	N	48	130	C		
RUS	SAMARA	15030.000	01	04	0800	0830	25.0		IND	BC	10K8	A3E	077	E	13	13	N	13	142	A		
RUS	NYAGAN	15030.000	01	04	0815	0820	34.0		IND	BC	7K62	A3E	077	E	13	11	N	00	165	A	11	
RUS	SMOLENSK	15030.000	01	04	1230	1330	10.0		IND	BC	10K0	X7E	076	E	51	11	N	06	124	B		
KOR	CRMS	15030.000	29	04	0432	0432	30.4		IND	BC		A3E							0		11	
KOR	CRMS	15030.000	23	05	0400	0400	34.3		IND	BC		A3E									11	
KOR	CRMS	15030.000	21	06	0348	0348	11.2		CHN	BC		A3E									11	
KOR	CRMS	15030.000	24	06	1300	1300	34.6		IND	BC		A3E									11	
RUS	S. PETERSBURG	15030.006	01	04	0759	0810	32.0		IND	BC	16K1	A3E	077	E	24	12	N	41	123	B		
J	TOKYO	15030.010	01	06	0417			ALL INDIA R.		BC		A3E	079	E	54	13	N	09	263	B	11	
RUS	BELGOROD	15075.000	02	04	0700	0704	22.8		CYP	LR	26K2		032	E	55	34	N	50	191	B		
RUS	SAMARA	15090.000	02	04	0430	0530	58.0		KWT	BC	3K00	A3E	047	E	39	29	N	10	158	A		
RUS	BELGOROD	15090.000	02	04	0530	0535	44.5		KWT	BC	10K0	A3E	047	E	58	29	N	10	154	B		
RUS	SMOLENSK	15090.000	02	04	0530	0630	28.0		KWT	BC	2K99	A3E	047	E	32	28	N	59	150	B		
RUS	NYAGAN	15090.000	02	04	0940	0956	18.0		KWT		1K21	A3E	047	E	08	27	N	23	208	A		
J	TOKYO	15090.000	06	04	0749			R. KUWAIT		BC		A3E	047	E	51	29	N	17	295	A		
J	TOKYO	15090.000	13	04	0122					BC		A3E							295	C		
J	TOKYO	15090.000	29	06	1003			R. KUWAIT		BC		A3E	047	E	55	29	N	24	295	A	11	
INS	MSWR-MERAUKE	15100.000	01	04	2310	2320	62.1	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
RUS	NOVOSIBIRSK	15100.000	02	04	0130	0200	33.0		CHN	BC	10K5	A3E	115	E	45	39	N	17	112	A		
RUS	IRKUTSK	15100.000	02	04	0130	0200	34.0		CHN	BC	10K5	A3E	115	E	45	39	N	17	146	A		
KOR	CRMS	15100.000	07	04	0056	0056	24.4		CHN	BC		A3E									6	
KOR	CRMS	15100.000	02	06	0040	0040	20.9		CHN	BC		A3E									6	
INS	MSTM-MEDAN	15105.000	01	04	0305	0310	20.0	Voice of Korea	KRE	BC	8K00E	A3E										Broadcast
INS	MSWR-MERAUKE	15105.000	01	04	0600	0620	37.1	VOICE OF KOREA	KRE	BC	6K00E	A3E										
RUS	SAMARA	15105.000	02	04	0430	0455	21.0		CHN	BC	5K00	A3E	126	E	06	40	N	04	74	B		
RUS	BELGOROD	15105.000	02	04	0535	0539	50.2		KRE	BC	6K30	A3E	125	E	57	40	N	26	62	B		
INS	MSTM-MEDAN	15110.000	01	04	0315	0320	15.0	CHINA RADIO INTERNATIONAL		BC	5K00E	A3E										Broadcast
RUS	BELGOROD	15110.000	02	04	0945	0957	45.5	DRM Radio Kuwait	KWT	BC	9K70	X7E	047	E	58	29	N	10	154	B		
RUS	VERHNEYE DUBROVO	15110.000	02	04	1703	1710	63.0		CHN		12K3	A3E	087	E	20	43	N	18	117	A		
RUS	NYAGAN	15110.000	02	04	1710	1717	61.0		CHN		6K90	A3E	087	E	50	43	N	01	136	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	15110.000	21	04	1100			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	15110.000	24	04	0033	0033	22.7	AGM	USA	BC		A3E									3	
KOR	CRMS	15110.000	25	04	1234	1234	28.3	CRI	CHN	BC		A3E									3	
KOR	CRMS	15110.000	21	05	0721	0721	43.7		CHN	BC		A3E									6	
KOR	CRMS	15110.000	30	06	0047	0047	37.3	AGM	USA	BC		A3E									3	
INS	MSTM-MEDAN	15120.000	01	04	0330	0335	21.0	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										Broadcast
RUS	SAMARA	15120.000	02	04	0430	0500	30.0		CHN	BC	12K0	A3E	116	E	48	39	N	44	82	A		
RUS	NOVOSIBIRSK	15120.000	02	04	0500	0530	59.0		CHN	BC		A3E	116	E	37	38	N	07	113	A		
RUS	IRKUTSK	15120.000	02	04	0500	0530	62.0		CHN	BC		A3E	116	E	37	38	N	07	146	A		
RUS	SMOLENSK	15120.000	02	04	0530	0630	32.0		CHN	BC	2K99	A3E	116	E	07	39	N	32	69	B		
RUS	BELGOROD	15120.000	02	04	0603	0607	44.5		CHN	BC	10K3	A3E	116	E	51	39	N	50	68	B		
RUS	MOROZOVSK	15120.000	02	04	0930	0945	24.0		ARS	AT	1K00	A3E	039	E	52	28	N	33	185	C		
RUS	NYAGAN	15120.000	02	04	1615	1623	45.0		ARS		2K50	A3E	046	E	14	23	N	21	207	A		
RUS	VERHNEYE DUBROVO	15120.000	02	04	1620	1630	46.0		ARS		3K00	A3E	047	E	23	26	N	21	202	A		
KOR	CRMS	15120.000	25	05	0649	0649	43.9	CRI	CHN	BC		A3E									3	
KOR	CRMS	15120.000	21	06	0348	0348	54.6	CRI	CHN	BC		A3E									3	
INS	MSWR-MERAUKE	15125.000	01	04	0000	0020	43.0	CHINA RADIO INTERNATIONAL	CHN	BC	6K00E	A3E										
G	BALDOCK	15125.000	24	04	1719			CHINA RADIO INTERNATIONAL	MLI	BC		A3E							193	A		BAMAKO TX SITE
KOR	CRMS	15125.000	23	06	0102	0102	44.9	CRI	CHN	BC		A3E									3	
KOR	CRMS	15130.000	23	06	2007	2007	14.2		F	BC		A3E									6	
RUS	BELGOROD	15135.000	02	04	0840	0845	46.0		CHN	BC	9K20	A3E	102	E	32	25	N	16	91	B		
INS	MSTM-MEDAN	15140.000	01	04	0348	0356	25.0	VOICE OF AMERICA	KWT	BC	12K0E	A3E										Broadcast
INS	MSWR-MERAUKE	15140.000	01	04	0530	0550	40.3	VOICE OF AMERICA	KWT	BC	6K00E	A3E										
RUS	IRKUTSK	15140.000	02	04	0130	0200	38.0		CHN	BC		A3E	108	E	24	34	N	05	171	A		
RUS	NOVOSIBIRSK	15140.000	02	04	0130	0200	40.0		CHN	BC		A3E	108	E	24	34	N	05	129	A		
KOR	CRMS	15140.000	22	04	0323	0323	41.1		CHN	BC		A3E									6	
G	BALDOCK	15140.000	24	04	1720			R. HABANA	CUB	BC		A3E							280	A		BAUTA TX SITE
KOR	CRMS	15140.000	03	06	0328	0328	17.0		CHN	BC		A3E									6	
RUS	BELGOROD	15145.000	02	04	0607	0612	48.5		CHN	BC	8K40	A3E	076	E	02	39	N	18	97	B		
RUS	SMOLENSK	15145.000	02	04	0730	0830	43.0		AUT	BC	2K99	A3E	016	E	15	48	N	09	242	B		
KOR	CRMS	15145.000	25	04	1235	1235	39.8	BBC	SNG	BC		A3E									3	
KOR	CRMS	15145.000	28	05	0741	0741	45.7	CRI	CHN	BC		A3E									3	
INS	MSWR-MERAUKE	15150.000	01	04	0400	0430	37.2	VOICE OF AMERICA	THA	BC	6K00E	A3E										
RUS	SAMARA	15150.000	02	04	0435	0500	15.0		THA	BC	8K00	A3E	103	E	12	17	N	40	112	A		
INS	MSTM-MEDAN	15160.000	01	04	0413	0419	14.0	CHINA RADIO INTERNATIONAL	CHN	BC	7K00E	A3E										Broadcast
RUS	SAMARA	15160.000	02	04	0440	0455	17.0		CHN	BC	4K80	A3E	119	E	03	27	N	03	89			
RUS	SMOLENSK	15160.000	02	04	0530	0630	23.0		CHN	BC	2K99	A3E	119	E	08	26	N	48	76	B		
RUS	BELGOROD	15160.000	02	04	0855	0900	48.9		KOR	BC	9K20	A3E	126	E	52	36	N	07	65	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	IRKUTSK	15170.000	02	04	0400	0430	45.0		ARS	BC		A3E	046	E	07	24	N	10	261	A		
RUS	NOVOSIBIRSK	15170.000	02	04	0400	0430	47.0		ARS	BC		A3E	046	E	07	24	N	10	237	A		
RUS	SMOLENSK	15170.000	02	04	0530	0630	50.0		ARS	BC	2K99	A3E	046	E	22	24	N	20	155	B		
RUS	SAMARA	15180.000	02	04	0440	0457	23.0		CHN	BC	8K00	A3E	126	E	06	40	N	04	73	A		
RUS	SMOLENSK	15180.000	02	04	0530	0630	50.0		KRE	BC	2K99	A3E	126	E	00	40	N	18	61	B		
RUS	BELGOROD	15180.000	02	04	0647	0650	48.2		KRE	BC	7K80	A3E	125	E	57	40	N	26	62	B		
RUS	MOROZOVSK	15180.000	02	04	1015	1030	40.0		CHN	AT	1K00	A3E	075	E	39	38	N	27	99	B		
RUS	BELGOROD	15180.000	02	04	1110	1119	39.6		CHN	BC	15K3	A3E	075	E	58	39	N	02	79	B		
RUS	SAMARA	15180.000	02	04	1150	1200	20.0		CHN	BC	5K60	A3E	086	E	53	44	N	08				
RUS	NYAGAN	15180.000	02	04	1631	1642	60.0		CHN		2K59	A3E	075	E	42	29	N	23	165	A		
KOR	CRMS	15180.000	17	05	1210	1210	49.7	CRI	CHN	BC		A3E									3	
KOR	CRMS	15180.000	07	06	1213	1213	1.9	CRI	CHN	BC		A3E									3	
KOR	CRMS	15180.000	25	06	0645	0645	46.6	KCB	KRE	BC		A3E									3	
INS	MSWR-MERAUKE	15195.000	01	04	0300	0320	36.7	NHK WORLD RADIO JAPAN	J	BC	6K00E	A3E										
RUS	SAMARA	15195.000	02	04	0440	0500	16.0		J	BC	10K0	A3E	139	E	49	36	N	10	69	A		
RUS	NOVOSIBIRSK	15210.000	02	04	0300	0330	55.0		CHN	BC		A3E	108	E	24	39	N	05	201	A		
RUS	IRKUTSK	15210.000	02	04	0300	0330	53.0		CHN	BC		A3E	108	E	24	39	N	05	247	A		
RUS	IRKUTSK	15210.000	02	04	0330	0400	40.0		CHN	BC		A3E	094	E	58	49	N	23	246	A		
RUS	NOVOSIBIRSK	15210.000	02	04	0330	0400	38.0		CHN	BC		A3E	094	E	58	49	N	23	122	A		
KOR	CRMS	15210.000	07	04	0057	0057	14.0		CHN	BC		A3E									6	
KOR	CRMS	15210.000	21	04	0052	0052	30.1		USA	BC		A3E									6	
KOR	CRMS	15210.000	12	05	0038	0038	18.2		CHN	BC		A3E									6	
KOR	CRMS	15210.000	26	05	0045	0045	32.1		USA	BC		A3E									6	
KOR	CRMS	15210.000	26	06	0048	0048	48.2		USA	BC		A3E									6	
RUS	BELGOROD	15215.000	02	04	0650	0656	38.5		F	BC	8K50	A3E	002	E	29	47	N	23	275	B		
KOR	CRMS	15215.000	12	04	1217	1217	35.2	FEC	UAE	BC	9K67E	A3E									3	
KOR	CRMS	15215.000	22	05	1839	1839	16.4		F	BC		A3E									6	
KOR	CRMS	15215.000	24	05	1227	1227	40.7	FEC	UAE	BC		A3E									3	
KOR	CRMS	15215.000	13	06	1208	1208	32.5	FEC	UAE	BC		A3E									3	
KOR	CRMS	15215.000	30	06	1835	1835	25.6		F	BC		A3E									6	
RUS	BELGOROD	15220.000	02	04	0750	0753	40.1		D	BC	8K60	A3E	012	E	47	52	N	39	287	B		
RUS	BELGOROD	15220.000	02	04	1035	1041	45.9		CHN	BC	14K9	A3E	108	E	09	34	N	05	79	B		
RUS	MOROZOVSK	15220.000	02	04	1115	1130	40.0		CHN	AT	1K00	A3E	075	E	33	38	N	37	99	B		
RUS	SAMARA	15220.000	02	04	1155	1200	23.0		CHN	BC	8K00	A3E	075	E	42	39	N	21	119	A		
RUS	NYAGAN	15220.000	02	04	1643	1652	41.0		CHN		10K1	A3E	074	E	08	43	N	21	160	A		
KOR	CRMS	15225.000	27	04	1521	1521	23.6		ARS	BC		A3E									3	
KOR	CRMS	15225.000	14	05	1612	1612	21.8		ARS	BC		A3E									6	
KOR	CRMS	15225.000	11	06	1514	1514	30.4		ARS	BC		A3E									3	
INS	MSWR-MERAUKE	15230.000	01	04	0325	0345	40.8	CHINA RADIO INTERNATIONAL	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
RUS	SAMARA	15230.000	02	04	0440	0600	18.0		CHN	BC	8K60	A3E	108	E	36	34	N	22	42	A		
RUS	SMOLENSK	15230.000	02	04	0630	0730	18.0		CHN	BC	2K99	A3E	107	E	52	32	N	53	80	B		
RUS	BELGOROD	15230.000	02	04	0656	0700	50.9		CHN	BC	9K20	A3E	108	E	09	34	N	05	79	B		
J	TOKYO	15230.000	21	04	0300			CHINA R.I.	CHN	BC		A3E										
KOR	CRMS	15230.000	22	04	1247	1247	35.8		USA	BC		A3E									6	
KOR	CRMS	15230.000	21	05	0722	0722	66.9		CHN	BC		A3E									6	
KOR	CRMS	15230.000	31	05	1251	1251	39.8		CUB	BC		A3E									3	
KOR	CRMS	15230.000	27	06	1238	1238	44.7		CUB	BC		A3E									3	
RUS	BELGOROD	15245.000	02	04	0704	0707	45.7		KRE	BC	7K40	A3E	125	E	57	40	N	26	62	B		
KOR	CRMS	15245.000	27	04	1521	1521	58.6	CRI	CHN	BC	8K26E	A3E									3	
KOR	CRMS	15245.000	21	05	1515	1515	60.3	CRI	CHN	BC	9K87E	A3E									3	
KOR	CRMS	15245.000	27	05	2121	2121	19.7	KCB	KRE	BC		A3E									3	
KOR	CRMS	15245.000	23	06	2009	2009	53.0	KCB	KRE	BC	8K21E	A3E									3	
KOR	CRMS	15245.000	29	06	1532	1532	39.4	CRI	CHN	BC		A3E									3	
RUS	S. PETERSBURG	15249.995	05	04	1147	1200	57.0		PHL	BC	11K5	A3E	120	E	10	14	N	51	82	B		
RUS	SMOLENSK	15250.000	02	04	0930	1030	6.0		CHN	BC	2K99	A3E	103	E	15	25	N	20	89	B		
RUS	BELGOROD	15250.000	02	04	1100	1110	46.1		CHN	BC	9K70	A3E	075	E	58	39	N	02	79	B		
RUS	SAMARA	15250.000	02	04	1200	1300	18.0		PHL	BC	7K80	A3E	120	E	37	15	N	22	105	B		
RUS	ARKHANGELSK	15250.000	05	04	1100	1113	35.0	Voice of America	PHL	BC	2K83	A3E							91	B		
KOR	CRMS	15250.000	10	04	0037	0037	25.9		CHN	BC		A3E									6	
KOR	CRMS	15250.000	25	04	1237	1237	44.2	AGM	PHL	BC		A3E									3	
KOR	CRMS	15250.000	12	05	0039	0039	23.4		CHN	BC		A3E									6	
KOR	CRMS	15250.000	26	05	0046	0046	33.9		CHN	BC		A3E									6	
KOR	CRMS	15250.000	23	06	0104	0104	24.6		CHN	BC		A3E									6	
RUS	SAMARA	15255.000	05	04	1300	1330	20.0		TJK	BC	10K0	A3E	068	E	47	37	N	32				
RUS	SAMARA	15260.000	05	04	0800	0830	31.0		AUT	BC	10K0	A3E	016	E	27	48	N	00	271	A		
RUS	SAMARA	15265.000	05	04	1100	1140	30.0		D	BC	10K0	A3E	008	E	29	49	N	41	281	A		
KOR	CRMS	15265.000	11	05	1548	1548	32.6		AUT	BC		A3E									6	
KOR	CRMS	15265.000	29	06	1533	1533	41.0		AUT	BC		A3E									6	
RUS	IRKUTSK	15270.000	05	04	0130	0200	3.0		CHN	BC	10K6	A3E	115	E	54	39	N	59	145	A		
RUS	NOVOSIBIRSK	15270.000	05	04	0300	0330	28.0		CHN	BC	11K7	A3E	115	E	52	40	N	12	110	A		
RUS	SMOLENSK	15270.000	05	04	0530	0630	17.0		CHN	BC	2K99	A3E	115	E	48	39	N	36	69	B		
RUS	MOROZOVS	15270.000	05	04	0845	0900	58.0		CHN	BC	3K00	A3E	114	E	52	40	N	29	70	C		
RUS	ARKHANGELSK	15270.000	05	04	1047	1059	33.0		CHN	BC	2K96	A3E							83	B		
RUS	ARKHANGELSK	15275.000	05	04	1200	1210	28.0		F	BC	3K07	A3E							244	B		
RUS	S. PETERSBURG	15275.007	05	04	1313	1323	63.0		CHN	BC	10K6	A3E	108	E	34	18	N	49	90	B		
RUS	SMOLENSK	15285.000	05	04	0530	0630	42.0		ARS	BC	2K99	A3E	046	E	24	24	N	19	155	B		
RUS	BELGOROD	15285.000	05	04	0640	0645	66.3		ARS	BC	9K40	A3E	045	E	25	24	N	49	160	B		
RUS	ARKHANGELSK	15285.000	05	04	1210	1223	47.0	Voice of Turkey	TUR	BC	2K11	A3E							194	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	15285.000	12	04	1219	1219	24.2		TUR	BC		A3E									6	
RUS	S. PETERSBURG	15285.050	05	04	1650	1659	54.0		F	BC		A3E	002	E	15	45	N	17	241	B		
RUS	SAMARA	15290.000	05	04	0800	0830	25.0		F	BC	10K0	A3E	001	E	51	46	N	57	280	B		
KOR	CRMS	15295.000	21	04	0055	0055	38.7		CHN	BC		A3E									6	
KOR	CRMS	15295.000	15	05	0046	0046	31.9		CHN	BC		A3E									6	
KOR	CRMS	15295.000	20	06	0528	0528	25.2		F	BC		A3E									6	
KOR	CRMS	15295.000	21	06	0349	0349	45.6		CHN	BC		A3E									6	
RUS	SAMARA	15300.000	05	04	0600	0630	25.0		F	BC	10K0	A3E	001	E	53	46	N	57	279	A		
RUS	BELGOROD	15300.000	05	04	0704	0707	50.6	RFI	F	BC	10K2	A3E	001	E	26	46	N	15	273	B		
RUS	MOROZOVS	15300.000	05	04	0900	0915	56.0		F	BC	2K00	A3E	003	E	10	47	N	53	284	C		
RUS	ARKHANGELSK	15300.000	05	04	1220	1230	25.0	Radio France Int.	F	BC	2K74	A3E							247	B		
RUS	S. PETERSBURG	15300.020	05	04	1330	1345	32.0	Radio France International	F	BC	10K1	X7W	000	E	09	46	N	51	247	B		
RUS	SAMARA	15310.000	05	04	0830	0900	27.0		OMA	BC	10K0	A3E	059	E	37	21	N	55	164	A		
RUS	ARKHANGELSK	15310.000	05	04	1119	1129	44.0	BBC	OMA	BC	3K07	A3E							154	B		
RUS	SAMARA	15310.000	05	04	1400	1430	26.0		G	BC	10K0	A3E	002	E	49	52	N	16	291	B		
KOR	CRMS	15310.000	25	04	1237	1237	37.0	BBC	OMA	BC		A3E									3	
RUS	BELGOROD	15315.000	05	04	0707	0711	42.3	RFI	F	BC	10K0	A3E	001	E	26	46	N	15	273	B		
RUS	S. PETERSBURG	15320.000	05	04	1120	1125	43.0	Radio Romania International	ROU	BC		A3E	022	E	52	45	N	48	200	B		
RUS	ARKHANGELSK	15320.000	05	04	1130	1145	56.0	Radio Romania Int	ROU	BC	1K76	A3E							209	B		
KOR	CRMS	15320.000	22	04	0325	0325	27.6		CHN	BC		A3E									6	
KOR	CRMS	15320.000	23	05	0407	0407	39.0		CHN	BC		A3E									6	
KOR	CRMS	15320.000	21	06	0350	0350	25.5		CHN	BC		A3E									6	
RUS	ARKHANGELSK	15330.000	05	04	1132	1145	35.0		PHL	BC	2K79	A3E							92	B		
RUS	SAMARA	15335.000	05	04	0800	0830	30.0		CHN	BC	10K0	A3E	075	E	42	39	N	21	119	B		
RUS	MOROZOVS	15335.000	05	04	0930	0945	71.0		CHN	BC	6K00	A3E	075	E	39	39	N	03	98	B		
RUS	SAMARA	15335.000	05	04	1200	1230	21.0		CHN	BC	10K0	A3E	114	E	28	37	N	49	85	B		
RUS	ARKHANGELSK	15335.000	05	04	1215	1225	56.0	CRI	CHN	BC	2K95	A3E							86	B		
RUS	S. PETERSBURG	15335.004	05	04	1245	1258	86.0	CHINA RADIO INT.	CHN	BC	11K5	A3E	114	E	28	38	N	04	73	B		
KOR	CRMS	15340.000	02	04	0653	0653	29.7		CHN	BC		A3E									6	
KOR	CRMS	15340.000	02	05	0324	0324	18.4		CHN	BC		A3E									6	
KOR	CRMS	15340.000	11	05	0647	0647	36.8		CHN	BC		A3E									6	
KOR	CRMS	15340.000	02	06	0953	0953	25.4		CHN	BC		A3E									6	
KOR	CRMS	15340.000	10	06	0422	0422	-3.3		CHN	BC		A3E									6	
KOR	CRMS	15340.000	30	06	0049	0049	59.6	AGM	PHL	BC		A3E									3	
RUS	SMOLENSK	15350.000	05	04	0530	0630	14.0		CHN	BC	2K99	A3E	075	E	49	39	N	21	100	B		
RUS	NYAGAN	15350.000	05	04	0721	0729	35.0		CHN		9K99	A3E	075	E	56	38	N	14	160	A		
RUS	SMOLENSK	15360.000	05	04	0530	0630	22.0		UAE	BC	2K99	A3E	053	E	59	23	N	58	143	B		
RUS	NYAGAN	15360.000	05	04	0647	0650	35.0		ARS		3K12	A3E	053	E	35	20	N	42	197	A		
RUS	BELGOROD	15360.000	05	04	0809	0814	68.2		KWT	BC	10K4	A3E	047	E	58	29	N	10	154	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	SAMARA	15360.000	05	04	1030	1100	23.0		THA	BC	10K0	A3E	103	E	12	17	N	40	112	A		
RUS	ARKHANGELSK	15360.000	05	04	1140	1150	39.0		THA	BC	1K34	A3E							111	B		
KOR	CRMS	15360.000	10	04	0038	0038	40.4		CHN	BC		A3E									6	
KOR	CRMS	15360.000	10	04	0915	0915	36.4		KWT	BC		A3E									6	
KOR	CRMS	15360.000	27	04	0646	0646	40.2	AGM	UAE	BC		A3E									3	
KOR	CRMS	15360.000	23	05	0408	0408	38.1		CHN	BC		A3E									6	
KOR	CRMS	15360.000	25	05	0653	0653	38.4	AGM	UAE	BC		A3E									3	
KOR	CRMS	15360.000	23	06	0105	0105	34.8		CHN	BC		A3E									6	
RUS	S. PETERSBURG	15360.001	05	04	1131	1145	56.0		THA	BC	15K3	A3E							97	C		
J	TOKYO	15360.970	13	04	0227				CHN				114	E	29	23	N	41	249	B		
RUS	IRKUTSK	15370.000	05	04	0200	0230	12.0		CHN	BC		A3E	114	E	08	38	N	03	152	A		
RUS	SMOLENSK	15370.000	05	04	0530	0630	14.0		CHN	BC	2K99	A3E	113	E	59	37	N	49	71	B		
RUS	NOVOSIBIRSK	15380.000	05	04	0230	0300	13.0		CHN	BC		A3E	116	E	19	39	N	58	110	A		
RUS	IRKUTSK	15380.000	05	04	0315	0345	11.0		CHN	BC		A3E	116	E	06	40	N	01	144	A		
RUS	YAKUTSK	15380.000	05	04	0700	0730	43.0		CHN	BC	2K63	A3E	116	E	57	38	N	05	204	A		
RUS	BELGOROD	15380.000	05	04	0814	0825	38.1		ARS	BC	10K0	A3E	046	E	12	25	N	36	160	B		
RUS	MOROZOVSK	15380.000	05	04	0915	0930	62.0		ARS	BC	10K0	A3E	045	E	44	25	N	20	171	C		
KOR	CRMS	15380.000	25	04	1239	1239	34.2		ARS	BC		A3E									6	
KOR	CRMS	15380.000	25	05	0653	0653	14.8	CNR	CHN	BC		A3E									3	
KOR	CRMS	15380.000	27	05	1229	1229	34.8		ARS	BC		A3E									6	
KOR	CRMS	15380.000	26	06	0056	0056	48.3		CHN	BC		A3E									6	
RUS	SAMARA	15390.000	05	04	0630	0700	21.0		CHN	BC	10K0	A3E	111	E	55	36	N	52	80	B		
RUS	BELGOROD	15390.000	05	04	0825	0831	37.5		CHN	BC	10K5	A3E	111	E	52	36	N	46	74	B		
RUS	MOROZOVSK	15390.000	05	04	0945	1000	58.0		CHN	BC	6K00	A3E	114	E	50	31	N	40	78	C		
KOR	CRMS	15390.000	30	06	0049	0049	31.7	CNR	CHN	BC		A3E									3	
KOR	CRMS	15410.000	05	04	0424	0424	24.8		CHN	BC		A3E									6	
RUS	SAMARA	15410.000	05	04	1400	1430	25.0		CHN	BC	10K0	A3E	075	E	42	39	N	21	120	A		
KOR	CRMS	15410.000	08	04	0434	0434	33.8		CHN	BC		A3E									6	
KOR	CRMS	15410.000	25	04	1239	1239	49.1		TUR	BC		A3E									6	
KOR	CRMS	15410.000	08	05	0125	0125	5.0		CHN	BC		A3E									6	
KOR	CRMS	15410.000	12	06	0932	0932	22.7		CHN	BC		A3E									6	
KOR	CRMS	15410.000	21	06	1237	1237	46.7		TUR	BC		A3E									6	
KOR	CRMS	15420.000	22	04	1252	1252	49.3		TJK	BC		A3E									6	
KOR	CRMS	15420.000	22	05	0943	0943	39.6		PHL	BC		A3E									6	
KOR	CRMS	15420.000	24	05	1229	1229	47.8		TJK	BC		A3E									6	
KOR	CRMS	15420.000	21	06	1238	1238	48.1		TJK	BC		A3E									6	
KOR	CRMS	15420.000	23	06	0954	0954	30.6		PHL	BC		A3E									6	
KOR	CRMS	15420.000	30	06	1025	1025	39.0		USA	BC		A3E									6	
RUS	NOVOSIBIRSK	15435.000	05	04	0200	0230	29.0		CHN	BC		A3E	108	E	30	33	N	49	129	A		

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	15435.000	28	04	0046	0046	20.8		PHL	BC		A3E									6	
KOR	CRMS	15435.000	19	05	0023	0023	16.6		CHN	BC		A3E									6	
KOR	CRMS	15435.000	29	05	0100	0100	24.1		PHL	BC		A3E									6	
RUS	S. PETERSBURG	15439.997	05	04	1350	1400	29.0		TJK	BC	10K2	A3E	068	E	21	38	N	12	115	B		
RUS	SAMARA	15440.000	05	04	1330	1400	18.0		TJK	BC	10K0	A3E	068	E	47	37	N	32	133	B		
RUS	SMOLENSK	15440.000	05	04	1330	1430	21.0		TJK	BC	2K99	A3E	068	E	31	38	N	22	109	B		
KOR	CRMS	15450.000	03	04	0932	0932	32.6		PHL	BC		A3E									6	
RUS	SAMARA	15450.000	05	04	1030	1100	22.0		USA	BC	10K0	A3E	144	E	39	13	N	20	81	B		
KOR	CRMS	15450.000	22	05	0945	0945	41.6		PHL	BC		A3E									6	
KOR	CRMS	15450.000	26	05	1002	1002	69.3		USA	BC		A3E									6	
KOR	CRMS	15450.000	05	06	0923	0923	19.0		PHL	BC		A3E									6	
KOR	CRMS	15450.000	22	06	1528	1528	21.1	AGM	D	BC		A3E									3	
KOR	CRMS	15450.000	30	06	1026	1026	57.6		USA	BC		A3E									6	
RUS	ARKHANGELSK	15455.067	06	04	0820	0832	28.0	Radio France Int.	F	BC	2K35	A3E							248	B		
RUS	SAMARA	15465.000	06	04	0505	0900	20.0		CHN	BC	7K60	A3E	075	E	42	39	N	21	120	A		
RUS	NOVOSIBIRSK	15465.000	06	04	0507	0537	35.0		CHN	BC		A3E	075	E	59	39	N	31	200	A		
RUS	SMOLENSK	15465.000	06	04	0530	0630	18.0		CHN	BC	2K99	A3E	075	E	52	39	N	17	100	B		
RUS	ARKHANGELSK	15465.000	06	04	0715	0725	19.0	CRI	CHN	BC	2K18	A3E							123	B		
RUS	NYAGAN	15465.000	06	04	0718	0721	20.0		CHN		5K26	A3E							159	A		
RUS	VERHNEYE DUBROVO	15465.000	06	04	0718	0726	41.0		CHN		9K60	A3E	076	E	03	38	N	23	145	A		
INS	MSKH-KUPANG	15465.000	04	06	0500	0503	19.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE KASHI-SAIBAGH
RUS	MOROZOVSK	15470.000	06	04	1200	1215	53.0		TJK	BC	3K00	A3E	068	E	23	37	N	43	109	C		
INS	MSKH-KUPANG	15480.000	01	04	0102	0118	35.0	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
RUS	IRKUTSK	15480.000	06	04	0130	0200	13.0		CHN	BC		A3E	117	E	34	39	N	33	141	A		
RUS	SAMARA	15480.000	06	04	0510	0600	18.0		CHN	BC	5K20	A3E	116	E	48	39	N	44	81	A		
RUS	SMOLENSK	15480.000	06	04	0530	0630	8.0		CHN	BC	2K99	A3E	116	E	29	39	N	35	68	B		
RUS	VERHNEYE DUBROVO	15480.000	06	04	0950	0959	26.0		CHN		7K28	A3E	115	E	45	40	N	21	91	A		
RUS	NYAGAN	15480.000	06	04	0959	1004	17.0		CHN		6K72	A3E	116	E	35	38	N	23	102	A		
RUS	ARKHANGELSK	15480.000	06	04	1000	1013	33.0		CHN	BC	2K75	A3E							83	B		
RUS	YAKUTSK	15480.000	06	04	1110	1140	46.0		CHN	BC	13K8	A3E	115	E	14	36	N	49	206	A		
INS	MSKH-KUPANG	15480.000	04	06	0503	0505	17.8	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
KOR	CRMS	15480.000	30	06	0049	0049	40.9	CNR	CHN	BC		A3E									3	
RUS	SAMARA	15490.000	06	04	0720	0800	34.0		CVA	BC	10K0	A3E	012	E	19	42	N	02	263	A		
RUS	ARKHANGELSK	15490.000	06	04	0738	0742	50.0	BBC	CVA	BC	3K14	A3E							229	B		
INS	MSKH-KUPANG	15500.000	01	04	0123	0135	51.3	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										SITE BEIJING
HNG	TARNOK	15500.000	01	04	0500	0900	13.1	CNR2	CHN	BC	9K99	A3E										
HNG	TARNOK	15500.000	01	04	0900	1000	17.0	CNR2	CHN	BC	9K99	A3E										
RUS	IRKUTSK	15500.000	06	04	0130	0200	14.0		CHN	BC		A3E	117	E	13	39	N	39	142	A		
RUS	SAMARA	15500.000	06	04	0510	0600	17.0		CHN	BC	5K00	A3E	116	E	34	39	N	53	81	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	SMOLENSK	15500.000	06	04	0530	0630	10.0		CHN	BC	2K99	A3E	116	E	29	39	N	35	68	B		
RUS	NYAGAN	15500.000	06	04	0733	0741	33.0		CHN		11K9	A3E	116	E	04	39	N	30	102	A		
RUS	VERHNEYE DUBROVO	15500.000	06	04	0743	0747	29.0		CHN		4K00	A3E	115	E	52	40	N	01	92	A		
RUS	ARKHANGELSK	15500.000	06	04	0748	0757	32.0		CHN	BC	2K77	A3E							80	B		
INS	MSKH-KUPANG	15500.000	04	06	0505	0507	30.1	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										SITE BEIJING
HNG	TARNOK	15500.014	01	04	1030	1200	32.7	KSDA	USA	BC	9K83	A3E									3	
HNG	TARNOK	15514.692	01	04	0700	0900	38.7	RKW	KWT	BC	9K03	A3E									3	
RUS	ARKHANGELSK	15514.693	06	04	0730	0744	13.0	Radio Kuwait	KWT	BC	2K65	A3E							169	B		
RUS	SAMARA	15514.800	06	04	0510	0900	30.0		KWT	BC	6K00	A3E	047	E	46	29	N	08	186	A		
INS	MSKH-KUPANG	15515.000	01	04	0201	0217	20.1	ADVENTIST WORLD RADIO	TJK	BC	9K00E	A3E										SITE DUSHANBE-ORZU
RUS	SMOLENSK	15515.000	06	04	0530	0630	16.0		KWT	BC	2K99	A3E	047	E	22	29	N	06	151	B		
RUS	NOVOSIBIRSK	15515.000	06	04	0600	0630	46.0		KWT	BC		A3E	047	E	57	29	N	16	239	A		
KOR	CRMS	15515.000	25	05	0655	0655	36.6		KWT	BC		A3E									6	
INS	MSKH-KUPANG	15515.000	04	06	0507	0509	4.4	R. KUWAIT	KWT	BC	9K00E	A3E										SITE SULAIBIYAH
KOR	CRMS	15515.000	18	06	0626	0626	34.1		KWT	BC		A3E									6	
HNG	TARNOK	15520.000	01	04	1500	1940	50.5	REE		BC	8K95	A3E										
KOR	CRMS	15520.000	24	05	2124	2124	22.4		E	BC		A3E									6	
J	TOKYO	15520.000	29	06	1016				RUS			F1B	132	E	54	43	N	02	324	B		
RUS	NYAGAN	15525.000	06	04	0925	0927	37.0		CHN		10K0	A3E	087	E	12	43	N	30	135	A		
RUS	VERHNEYE DUBROVO	15525.000	06	04	0928	0937	39.0		CHN		9K53	A3E	087	E	46	43	N	07	117	A		
HNG	TARNOK	15525.003	01	04	0900	1057	36.7	CRI	CHN	BC	10K0E	A3E										
RUS	SMOLENSK	15529.711	06	04	0530	0630	25.0		KWT	BC	2K99	A3E	047	E	31	29	N	13	150	B		
HNG	TARNOK	15529.999	01	04	0500	0800	54.6	RKW	KWT	BC	8K50	A3E										
RUS	SAMARA	15530.000	06	04	0510	0800	36.0		KWT	BC	7K60	A3E	047	E	46	29	N	08	187	A		
RUS	NOVOSIBIRSK	15530.000	06	04	0610	0640	23.0		KWT	BC		A3E	047	E	56	29	N	15	239	A		
INS	MSKH-KUPANG	15530.000	04	06	0509	0511	6.3	R. KUWAIT	KWT	BC	9K00E	A3E										SITE SULAIBIYAH
RUS	S. PETERSBURG	15530.050	06	04	2300	2310	54.0		CHN	BC	11K5	A3E							69	B		
HNG	TARNOK	15539.999	01	04	0700	1000	36.3	CNR2	CHN	BC	9K42	A3E										
INS	MSKH-KUPANG	15540.000	01	04	0220	0227	8.2	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										SITE LINGSHI
RUS	NOVOSIBIRSK	15540.000	06	04	0130	0200	40.0		CHN	BC		A3E	113	E	20	33	N	53	122	A		
RUS	IRKUTSK	15540.000	06	04	0130	0200	44.0		CHN	BC		A3E	113	E	20	33	N	53	159	A		
RUS	SAMARA	15540.000	06	04	0520	0600	19.0		CHN	BC	4K00	A3E	111	E	55	36	N	52	88	A		
RUS	IRKUTSK	15540.000	06	04	0520	0550	20.0		CHN	BC		A3E	112	E	18	36	N	27	159	A		
RUS	SMOLENSK	15540.000	06	04	0530	0630	23.0		CHN	BC	2K99	A3E	112	E	47	35	N	53	74	B		
RUS	NYAGAN	15540.000	06	04	0918	0923	48.0		CHN		7K32	A3E	113	E	51	33	N	18	110	A		
INS	MSKH-KUPANG	15540.000	04	06	0511	0513	16.8	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										SITE LINGSHI
HNG	TARNOK	15549.999	01	04	0750	1000	16.1	CNR1	CHN	BC	10K0E	A3E										
INS	MSKH-KUPANG	15550.000	01	04	0229	0243	38.2	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
HNG	TARNOK	15550.000	01	04	1600	1627	21.6	RADIO DABANGA	CVA	BC	9K99	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	IRKUTSK	15550.000	06	04	0200	0230	5.0		CHN	BC		A3E	117	E	30	39	N	36	141	A		
RUS	SMOLENSK	15550.000	06	04	0530	0630	10.0		CHN	BC	2K99	A3E	116	E	29	39	N	35	68	B		
INS	MSKH-KUPANG	15550.000	04	06	0513	0515	37.4	CNR 7 Radio The Great Bay	CHN	BC	9K00E	A3E										SITE BEIJING
KOR	CRMS	15550.000	30	06	0050	0050	54.0	CNR	CHN	BC		A3E									3	
HNG	TARNOK	15559.999	03	04	0800	0957	41.8	CRI	CHN	BC	9K57	A3E										
RUS	ARKHANGELSK	15560.000	06	04	0800	0812	42.0	CRI	CHN	BC	2K92	A3E							92	B		
RUS	NYAGAN	15560.000	06	04	0823	0830	54.0		CHN		7K60	A3E	108	E	02	33	N	53	116	A		
RUS	VERHNEYE DUBROVO	15560.000	06	04	0824	0831	40.0		CHN		8K76	A3E	086	E	40	49	N	26	105	A		
HNG	TARNOK	15564.989	03	04	1100	1130	13.7	RBA	AUS	BC	9K10	A3E									3	
RUS	MOROZOVSK	15565.000	06	04	1215	1230	46.0		J	BC	3K00	A3E	121	E	58	11	N	13	90	C		
HNG	TARNOK	15569.999	03	04	0600	1100	15.1	CNR 11	CHN	BC	8K14	A3E										
INS	MSKH-KUPANG	15570.000	01	04	0244	0251	27.4	CNR 11	CHN	BC	9K00E	A3E										SITE BAOJI-SIFANGSHAN
RUS	NOVOSIBIRSK	15570.000	06	04	0530	0600	31.0		CHN	BC		A3E	108	E	04	30	N	03	134	A		
RUS	IRKUTSK	15570.000	06	04	0530	0600	28.0		CHN	BC		A3E	108	E	04	30	N	03	173	A		
RUS	SMOLENSK	15570.000	06	04	0530	0630	15.0		CHN	BC	2K99	A3E	106	E	55	33	N	05	80	B		
RUS	SAMARA	15570.000	06	04	0630	0700	21.0		CHN	BC	3K80	A3E	107	E	41	34	N	27	64	A		
RUS	ARKHANGELSK	15570.000	06	04	0802	0822	24.0		CHN	BC	1K68	A3E							94	B		
INS	MSKH-KUPANG	15570.000	04	06	0600	0603	21.4	CNR 11	CHN	BC	9K00E	A3E										SITE BAOJI-SIFANGSHANG
KOR	CRMS	15570.000	30	06	0050	0050	49.8	CNR	CHN	BC		A3E									3	
HNG	TARNOK	15574.994	03	04	1300	1400	13.6	KBS	KOR	BC	8K92	A3E										
INS	MSKH-KUPANG	15575.000	01	04	0252	0300	25.8	KBS WORLD RADIO	KOR	BC	9K00E	A3E										SITE KIMJAE
RUS	SMOLENSK	15575.000	06	04	1230	1330	20.0		KOR	BC	2K99	A3E	126	E	59	34	N	58	65	B		
RUS	YAKUTSK	15575.000	06	04	1330	1400	42.0		CHN	BC	14K9	A3E	127	E	36	42	N	22	184	A		
HNG	TARNOK	15579.991	03	04	1400	1630	44.3	IBB/VOA	BOT	BC	10K5	A3E										
HNG	TARNOK	15580.000	03	04	1030	1100	8.9	FEBC RADIO	PHL	BC	8K00	A3E										
RUS	SAMARA	15580.000	06	04	0500	0700	13.0		BOT	BC	8K00	A3E	027	E	38	21	S	57	203	B		
RUS	SMOLENSK	15580.000	06	04	0530	0630	30.0		CHN	BC	2K99	A3E	109	E	12	18	N	29	89	B		
INS	MSKH-KUPANG	15580.000	04	06	0603	0605	6.2	VOICE OF AMERICA	BOT	BC	9K00E	A3E										SITE SELEBI-PHIKWE
INS	MSKH-KUPANG	15580.000	04	06	0605	0607	12.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
KOR	CRMS	15580.000	16	06	0948	0948	23.6		PHL	BC		A3E									6	
HNG	TARNOK	15580.004	03	04	0500	0700	34.0	IBB/VOA	BOT	BC	8K90	A3E										
INS	MSKH-KUPANG	15590.000	01	04	0304	0316	30.2	RADIO THAILAND	THA	BC	9K00E	A3E										SITE UDON THANI
RUS	IRKUTSK	15590.000	06	04	0230	0300	18.0		THA	BC		A3E	103	E	04	17	N	28	183	A		
RUS	NOVOSIBIRSK	15590.000	06	04	0230	0300	20.0		THA	BC		A3E	103	E	04	17	N	28	150	A		
RUS	SMOLENSK	15590.000	06	04	1230	1330	30.0		CHN	BC	2K99	A3E	087	E	23	43	N	39	84	B		
HNG	TARNOK	15590.001	03	04	1200	1500	55.0	CRI	CHN	BC	10K4	A3E										
KOR	CRMS	15595.000	29	06	1535	1535	29.9	VAT	CVA	BC		A3E									3	
RUS	SMOLENSK	15600.000	06	04	1230	1330	25.0		CHN	BC	2K99	A3E	103	E	14	24	N	32	90	B		
KOR	CRMS	15600.000	28	04	0939	0939	23.2		UZB	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	15600.000	25	05	0657	0657	23.0		UZB	BC		A3E									6	
INS	MSKH-KUPANG	15600.000	04	06	0607	0610	10.0	R. IRAN INTERNATIONAL	UZB	BC	9K00E	A3E										SITE TASHKENT
KOR	CRMS	15600.000	30	06	0050	0050	59.8	CRI	CHN	BC		A3E									3	
J	TOKYO	15601.500	29	06	1021				USA			F1B	144	E	46	13	N	27	168	B		
HNG	TARNOK	15605.000	05	04	1600	1630	35.4	AWR	MDG	BC	9K98	A3E										
KOR	CRMS	15605.000	23	04	1544	1544	40.1		MDG	BC		A3E									6	
KOR	CRMS	15605.000	04	06	1607	1607	11.3		MDG	BC		A3E									6	
RUS	S. PETERSBURG	15610.000	06	04	1120	1135	43.0		CYP	BC		P0N							175	B		
KOR	CRMS	15610.000	12	04	1222	1222	27.9		CLN	BC		A3E									6	
KOR	CRMS	15610.000	03	05	1223	1223	10.9		CLN	BC		A3E									6	
KOR	CRMS	15610.000	14	06	1227	1227	33.2		CLN	BC		A3E									6	
J	TOKYO	15615.000	13	04	0635				AUS			F3C	120	E	38	20	S	14	201	B		
HNG	TARNOK	15619.996	05	04	1600	1800	57.1	REE	E	BC	9K74	A3E										
RUS	SMOLENSK	15640.000	06	04	0530	0630	26.0		D	BC	2K99	A3E	008	E	39	49	N	53	260	B		
KOR	CRMS	15640.000	10	04	0039	0039	19.8	NHK	J	BC		A3E									3	
KOR	CRMS	15640.000	24	04	0038	0038	12.4		PHL	BC		A3E									6	
KOR	CRMS	15640.000	22	05	0034	0034	25.3	NHK	J	BC		A3E									3	
J	TOKYO	15658.000	01	06	0430				RUS			F1B	137	E	04	50	N	30	351	B		
RUS	SAMARA	15660.000	07	04	1100	1200	30.0		CHN	BC	10K0	A3E	074	E	37	38	N	54	120			
HNG	TARNOK	15660.001	07	04	1100	1300	44.8	CRI	CHN	BC	9K45	A3E										
HNG	TARNOK	15660.001	07	04	1630	1700	9.5	IBB/VOA	D	BC	9K10	A3E										
RUS	SAMARA	15665.000	07	04	0450	0455	85.0		CHN	BC	7K60	A3E	089	E	48	41	N	40	97	A		
RUS	SMOLENSK	15665.000	07	04	0530	0630	30.0		CHN	BC	2K99	A3E	086	E	38	44	N	08	84	B		
RUS	SAMARA	15665.000	07	04	0550	0555	56.0		CHN	BC	7K60	A3E	114	E	02	27	N	30	53	A		
RUS	SAMARA	15665.000	07	04	0610	0625	70.0		CHN	BC	7K60	A3E	109	E	46	31	N	40	92	A		
RUS	SAMARA	15665.000	07	04	0630	0635	65.0		TJK	BC	7K60	A3E	069	E	28	37	N	35	132	A		
HNG	TARNOK	15665.000	07	04	0800	1000	48.2	CRI	CHN	BC	9K00	A3E										
RUS	NYAGAN	15665.000	07	04	0829	0837	67.0		CHN		2K60	A3E	086	E	17	44	N	46	135	A		
RUS	ARKHANGELSK	15665.000	07	04	0835	0845	35.0	China Radio Int.	CHN	BC	1K44	A3E							106	B		
RUS	VERHNEYE DUBROVO	15665.000	07	04	0835	0839	74.0		CHN		2K06	A3E	086	E	13	44	N	55	117	A		
RUS	MOROZOVS	15665.000	07	04	1000	1015	56.0		CHN	BC	4K00	A3E	087	E	09	43	N	46	87	B		
HNG	TARNOK	15665.009	07	04	0400	0600	31.8	CRI	CHN	BC	9K97	A3E										
HNG	TARNOK	15669.024	07	04	1300	1400	44.0	AWR	UZB	BC	9K56	A3E									3	
KOR	CRMS	15680.000	05	06	0925	0925	13.5		PLW	BC		A3E									6	
RUS	SAMARA	15690.000	07	04	0512	0523	52.0		THA	BC	10K0	A3E	102	E	42	16	N	06	111	A		
HNG	TARNOK	15690.000	07	04	0530	1600	13.1	IBB/RADIO FARDA	D	BC	9K45	A3E										
RUS	SAMARA	15690.000	07	04	0800	0900	30.0		D	BC	10K0	A3E	050	E	10	53	N	50	281	A		
RUS	ARKHANGELSK	15690.000	07	04	0840	0849	12.0	Radio FARDA	D	BC	2K99	A3E							244	B		
RUS	MOROZOVS	15690.000	07	04	1015	1030	62.0		D	BC	6K00	A3E	011	E	49	51	N	08	290	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
INS	MSKH-KUPANG	15690.000	04	06	0610	0613	10.3	R. FARDA	D	BC	9K00E	A3E										SITE BIBLIS
KOR	CRMS	15690.000	29	06	1537	1537	23.4	AGM	D	BC		A3E									3	
KOR	CRMS	15700.000	30	06	0051	0051	38.6	AGM	USA	BC		A3E									3	
G	BALDOCK	15708.000	27	04	1415			?	RUS	FX		P0N							69	A		PENZA OTHR
HNG	TARNOK	15709.999	09	04	0600	0900	13.9	CNR 6	CHN	BC	10K7	A3E										
RUS	YAKUTSK	15710.000	07	04	0124	0134	40.0		CHN	BC	1K05	A3E	117	E	06	39	N	24	204	A		
RUS	NOVOSIBIRSK	15710.000	07	04	0515	0545	20.0		CHN	BC		A3E	116	E	30	39	N	57	110	A		
RUS	SMOLENSK	15710.000	07	04	0530	0630	11.0		CHN	BC	2K99	A3E	116	E	23	39	N	51	68	B		
INS	MSKH-KUPANG	15710.000	04	06	0613	0617	43.2	CNR 6	CHN	BC	9K00E	A3E										SITE BEIJING
HNG	TARNOK	15710.005	09	04	1300	1330	22.8	AWR	D	BC	10K0E	A3E										
HNG	TARNOK	15719.999	09	04	0600	0700	43.2	IBB/RFA	TJK	BC	7K73	A3E										TWO TRANSMISSIONS
RUS	SMOLENSK	15720.000	07	04	0530	0630	24.0		CHN	BC	2K99	A3E	087	E	02	43	N	56	84	B		
KOR	CRMS	15720.000	26	04	0447	0447	41.4		NZL	BC		A3E									6	
KOR	CRMS	15720.000	30	04	0659	0659	43.3		TJK	BC		A3E									6	
KOR	CRMS	15720.000	25	05	0659	0659	31.7		TJK	BC		A3E									6	
RUS	SMOLENSK	15730.000	07	04	0530	0630	16.0		IRN	BC	2K99	A3E	055	E	48	29	N	35	136	B		
HNG	TARNOK	15730.008	09	04	0550	0650	42.9	IRB	IRN	BC	7K71	A3E										
HNG	TARNOK	15739.999	09	04	0600	0700	33.5	SOH XI WANG ZHI	CHN	BC	10K0	A3E										
KOR	CRMS	15740.000	01	04	0414	0414	13.8		CHN	BC		A3E									6	
RUS	YAKUTSK	15740.000	07	04	0013	0020	46.0		CHN	BC	1K21	A3E	112	E	47	33	N	40	209	A		
RUS	SAMARA	15740.000	07	04	0635	0643	70.0		CHN	BC	7K60	A3E	113	E	33	34	N	18	88	A		
KOR	CRMS	15740.000	24	05	1231	1231	53.8		CHN	BC		A3E									6	
KOR	CRMS	15740.000	25	06	0700	0700	45.0		CHN	BC		A3E									6	
KOR	CRMS	15745.000	28	04	0049	0049	15.6		CHN	BC		A3E									6	
KOR	CRMS	15745.000	05	05	0954	0954	15.2		CHN	BC		A3E									6	
INS	MSKH-KUPANG	15745.000	04	06	0620	0623	9.3	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
HNG	TARNOK	15749.997	09	04	0400	0700	30.2	MASHAAL RADIO	THA	BC	9K70	A3E										
RUS	NOVOSIBIRSK	15750.000	07	04	0745	0815	18.0		KWT	BC		A3E	048	E	03	29	N	11	239	A		
RUS	NYAGAN	15750.000	07	04	0830	0840	30.0		ARS		2K55	A3E	047	E	40	28	N	47	208	A		
RUS	VERHNEYE DUBROVO	15750.000	07	04	0840	0841	29.0		ARS		2K66	A3E	046	E	54	25	N	43	204	A		
RUS	SAMARA	15750.000	07	04	1000	1200	33.0		KWT	BC	7K60	A3E	047	E	38	29	N	06	187	A		
HNG	TARNOK	15750.000	09	04	0700	0900	28.2	MASHAAL RADIO	KWT	BC	10K0E	A3E										
INS	MSKH-KUPANG	15750.000	04	06	0700	0705	23.7	MASHAAL RADIO	KWT	BC	9K00E	A3E										SITE KUWAIT
HNG	TARNOK	15750.004	09	04	1200	1300	40.3	MASHAAL RADIO	THA	BC	9K26	A3E										
RUS	SMOLENSK	15755.000	07	04	0530	0630	10.0		THA	BC	2K99	A3E	103	E	29	16	N	51	95	B		
HNG	TARNOK	15759.999	11	04	1000	1300	26.5	SOH	CHN	BC	9K87	A3E										
KOR	CRMS	15760.000	01	04	0414	0414	21.8		CHN	BC		A3E									6	
RUS	YAKUTSK	15760.000	07	04	0036	0046	59.0		CHN	BC	3K11	A3E	102	E	44	29	N	20	221	A		
RUS	NYAGAN	15760.000	07	04	0837	0842	37.0		CHN		2K42	A3E	105	E	01	24	N	18	129	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	15760.000	07	04	0842	0844	32.0		CHN		3K00	A3E	103	E	48	24	N	22	117	A		
RUS	ARKHANGELSK	15760.000	07	04	0845	0855	56.0		CHN	BC	2K06	A3E							87	B		
RUS	SAMARA	15760.000	07	04	0930	1030	22.0		VTN	BC	10K0	A3E	106	E	00	17	N	57	106			
RUS	SAMARA	15760.000	07	04	1330	1430	22.0		CHN	BC	10K0	A3E	116	E	45	25	N	13	93			
KOR	CRMS	15760.000	08	05	0127	0127	40.7		CHN	BC		A3E									6	
KOR	CRMS	15760.000	02	06	0955	0955	4.4		CHN	BC		A3E									6	
INS	MSKH-KUPANG	15760.000	04	06	0705	0708	35.9	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
HNG	TARNOK	15770.001	11	04	1300	2000	38.3	WRMI	USA	BC	9K93	A3E										
RUS	YAKUTSK	15775.000	07	04	0140	0150	47.0		CHN	BC	2K68	A3E	102	E	50	25	N	08	218	A		
RUS	VERHNEYE DUBROVO	15775.000	07	04	0836	0846	18.0		CHN		2K37	A3E	109	E	46	17	N	48	117	A		
RUS	NYAGAN	15775.000	07	04	0840	0846	37.0		CHN		2K25	A3E	109	E	21	19	N	02	124	A		
RUS	SAMARA	15775.000	07	04	0930	1030	22.0		CHN	BC	10K0	A3E	109	E	15	19	N	45				
KOR	CRMS	15775.000	09	04	0710	0710	36.3		CHN	BC		A3E									6	
KOR	CRMS	15775.000	01	05	0053	0053	12.4		CHN	BC		A3E									6	
INS	MSKH-KUPANG	15775.000	04	06	0710	0713	29.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
KOR	CRMS	15775.000	08	06	0634	0634	13.6		CHN	BC		A3E									6	
RUS	YAKUTSK	15785.000	07	04	0150	0200	38.0		CHN	BC	1K15	A3E	108	E	34	35	N	15	216	A		
RUS	NOVOSIBIRSK	15785.000	07	04	0330	0400	17.0		CHN	BC		A3E	109	E	31	33	N	46	128	A		
RUS	IRKUTSK	15785.000	07	04	0330	0400	19.0		CHN	BC	10K2	A3E	109	E	31	33	N	46	168	A		
RUS	SMOLENSK	15785.000	07	04	0530	0630	10.0		CHN	BC	2K99	A3E	107	E	42	33	N	27	80	B		
RUS	SAMARA	15785.000	07	04	0645	0650	64.0		CHN	BC	7K60	A3E	107	E	50	33	N	31	93	A		
KOR	CRMS	15785.000	29	06	0630	0630	27.6	CRI	CHN	BC		A3E									3	
KOR	CRMS	15800.000	03	04	0936	0936	32.6		CHN	BC		A3E									6	
RUS	YAKUTSK	15800.000	07	04	0250	0300	49.0		CHN	BC	1K89	A3E	109	E	30	19	N	18	207	A		
RUS	SMOLENSK	15800.000	07	04	0530	0630	14.0		CHN	BC	2K99	A3E	108	E	45	34	N	05	78	B		
RUS	ARKHANGELSK	15800.000	07	04	0850	0859	33.0		CHN	BC	1K57	A3E							93	B		
RUS	MOROZOVSK	15800.000	07	04	1030	1045	57.0		CHN	BC	1K00	A3E	090	E	05	41	N	49	82	B		
J	TOKYO	15800.000	19	04	0430			CHINA N.R.		BC		A3E	087	E	33	43	N	47	298	A	11	
KOR	CRMS	15800.000	05	05	0954	0954	20.0		CHN	BC		A3E									6	
KOR	CRMS	15800.000	02	06	0955	0955	10.7		CHN	BC		A3E									6	
INS	MSKH-KUPANG	15800.000	04	06	0715	0720	23.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
HNG	TARNOK	15800.001	13	04	0800	1300	22.7	SOH	CHN	BC	9K99	A3E										
J	TOKYO	15800.170	06	04	0806			SOUND OF HOPE		BC		A3E	121	E	05	24	N	08	241	A	11	TAIWAN
HNG	TARNOK	15814.000	13	04	0720	1630	26.7				3K00E	G1D										STANAG 4285
G	BALDOCK	15825.000	01	04	1715			WWCR NASHVILLE	USA	BC		A3E	087	W	02	37	N	08	293	A		NASHVILLE
G	BALDOCK	15825.000	14	06	2017			WWCR NASHVILLE	USA	BC		A3E	087	W	02	37	N	08	293	A		NASHVILLE
HNG	TARNOK	15825.001	13	04	1400	2200	21.7	WWCR	USA	BC	8K15	A3E										
KOR	CRMS	15840.000	22	05	0036	0036	19.4		CHN	BC		A3E									11	
INS	MSKH-KUPANG	15840.000	04	06	0720	0723	6.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI

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	15870.000	05	04	0000	0030		SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	15870.000	05	04	0408	0413	45.1	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
RUS	S. PETERSBURG	15870.000	08	04	0900	0920	27.0			FX	387H	F1B							236	C		
KOR	CRMS	15870.000	22	04	0328	0328	17.9		CHN	BC		A3E							53		11	
KOR	CRMS	15870.000	22	05	0036	0036	14.5		CHN	BC		A3E									11	
G	BALDOCK	15870.000	19	06	1722			CYPRUS PULSE	CYP	LR		P0N							115	A		
HNG	TARNOK	15874.800	15	04	2010	2056	7.9				3K00E	G1D										STANAG 4285
INS	MSPA-SAMARINDA	15890.000	05	04	0413	0417	44.8	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
J	TOKYO	15890.010	19	04	0434			SOUND OF HOPE		BC		A3E	121	E	21	23	N	46	239	A	11	TAIWAN
J	TOKYO	15890.020	06	04	0810			SOUND OF HOPE		BC		A3E	121	E	12	23	N	30	239	B	11	TAIWAN
J	TOKYO	15890.020	29	06	1026			SOUND OF HOPE		BC		A3E	121	E	27	25	N	00	242	B	11	TAIWAN
J	TOKYO	15890.030	21	06	2358			SOUND OF HOPE		BC		A3E	120	E	38	22	N	42	238	B	11	TAIWAN
INS	MSCK-TANGERANG	15914.150	05	04	0200	0230		Unknown		FX	3K00E	J3E										
HNG	TARNOK	15919.999	17	04	0920	1000	38.5	SOH	CHN	BC	10K0E	A3E									11	
INS	MSPA-SAMARINDA	15920.000	05	04	0417	0419	43.4	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
RUS	SMOLENSK	15920.000	08	04	0830	0930	30.0		CHN	BC	2K99	A3E	102	E	43	23	N	44	91	B	11	
KOR	CRMS	15920.000	22	04	0328	0328	3.9		CHN	BC		A3E							53		11	
KOR	CRMS	15920.000	22	05	0036	0036	55.1		CHN	BC		A3E									11	
G	BALDOCK	15920.000	25	05	0425			?	CHN	BC		A3E							63	A		
J	TOKYO	15920.000	01	06	0434			CHINA N.R.		BC		A3E	108	E	52	19	N	18	248	A	11	
KOR	CRMS	15920.000	03	06	0332	0332	5.0		CHN	BC		A3E									11	
INS	MSPA-SAMARINDA	15940.000	05	04	0419	0421	45.2	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
RUS	SMOLENSK	15940.000	08	04	0830	0930	26.0		CHN	BC	2K99	A3E	108	E	45	18	N	30	90	B	11	
KOR	CRMS	15940.000	22	04	0329	0329	10.5		CHN	BC		A3E							53		11	
KOR	CRMS	15940.000	22	05	0036	0036	24.8		CHN	BC		A3E									11	
KOR	CRMS	15940.000	30	06	0051	0051	15.6		CHN	BC		A3E									11	
J	TOKYO	15940.300	13	04	0643			SOUND OF HOPE		BC		A3E	120	E	41	23	N	23	240	B	11	TAIWAN
J	TOKYO	15940.300	19	04	0436			SOUND OF HOPE		BC		A3E	120	E	52	24	N	12	241	A	11	TAIWAN
J	TOKYO	15940.310	06	04	0817			SOUND OF HOPE		BC		A3E	121	E	44	24	N	58	241	A	11	TAIWAN
G	BALDOCK	15959.005	01	04	1725			NSS (WASHINGTON)	USA	FX		F1B							289	A		75 BD
G	BALDOCK	15959.005	14	06	2018			NSS (WASHINGTON)	USA	FX		F1B							289	A		75 BD SECURE
J	TOKYO	15969.780	22	06	0005			SOUND OF HOPE		BC		A3E	120	E	23	23	N	48	241	B	11	TAIWAN
J	TOKYO	15969.870	13	04	0644			SOUND OF HOPE		BC		A3E	120	E	23	23	N	18	240	B	11	TAIWAN
J	TOKYO	15969.870	19	04	0439			SOUND OF HOPE		BC		A3E	120	E	30	23	N	46	241	A	11	TAIWAN
J	TOKYO	15969.880	06	04	0820			SOUND OF HOPE		BC		A3E	121	E	05	24	N	44	242	A	11	TAIWAN
RUS	BELGOROD	15970.000	08	04	1222	1223	24.1		CHN	BC	8K00	A3E	116	E	51	39	N	50	68	B	11	
KOR	CRMS	15970.000	22	04	0329	0329	4.2		CHN	BC		A3E							53		11	
KOR	CRMS	15970.000	29	05	0958	0958	37.5		CHN	BC		A3E									11	
J	TOKYO	15970.000	01	06	0439			CHINA N.R.		BC		A3E	116	E	20	39	N	54	290	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
KOR	CRMS	15970.000	01	06	0708	0708	35.4		CHN	BC		A3E									11	
INS	MSCK-TANGERANG	16006.240	05	04	0600	0700		Unknown		FX	3K00E	H3E										
G	BALDOCK	16010.000	19	06	1724			CYPRUS PULSE	CYP	LR		P0N							113	B		
HNG	TARNOK	16025.000	21	04	1830	2400	8.5				3K00E	G1D										STANAG 4285
HNG	TARNOK	16045.850	21	04	1830	2400	8.4				650H	F1B										500HZ,50BD
J	TOKYO	16047.000	22	06	0010				USA			F1B	158	W	02	21	N	13	87	A		HWA
J	TOKYO	16055.000	06	04	0825				RUS			F1B	131	E	42	47	N	13	335	B		
J	TOKYO	16099.970	06	04	0838			SOUND OF HOPE		BC		A3E	121	E	29	24	N	44	241	A	11	TAIWAN
INS	MSPA-SAMARINDA	16100.000	06	04	0315	0325	43.9	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
RUS	NOVOSIBIRSK	16100.000	09	04	0330	0400	18.0		CHN	BC		A3E	121	E	03	23	N	56	122	A	11	
RUS	IRKUTSK	16100.000	09	04	0500	0530	5.0		CHN	BC		A3E	120	E	59	24	N	08	150	A	11	
RUS	SMOLENSK	16100.000	09	04	0630	0730	27.0		CHN	BC	2K99	A3E	120	E	16	22	N	54	78	B	11	
KOR	CRMS	16100.000	22	04	0329	0329	16.0		CHN	BC		A3E							53		11	
KOR	CRMS	16100.000	21	05	0734	0734	46.0		CHN	BC		A3E									11	
J	TOKYO	16100.000	01	06	0443			CHINA N.R.		BC		A3E							247	C	11	
KOR	CRMS	16100.000	01	06	0708	0708	25.4		CHN	BC		A3E									11	
J	TOKYO	16100.000	22	06	0011			CHINA N.R.		BC		A3E	108	E	59	19	N	04	247	A	11	
J	TOKYO	16100.000	29	06	1038			CHINA N.R.		BC		A3E	114	E	08	22	N	31	247	A	11	
G	BALDOCK	16112.000	19	06	1725			?	RUS	FX		F1B	028	E	50	56	N	22	64	A		50 BD
RUS	S. PETERSBURG	16122.995	09	04	1030	1040	22.0			FX	1K16	F1B							286	C		
G	BALDOCK	16123.000	01	04	1730			US NAVY	USA	MS		F1B							264	B		75 BAUD
RUS	S. PETERSBURG	16150.000	09	04	0928	0935	29.0		CYP		24K2	P0N							174	B		
INS	MSPA-SAMARINDA	16160.000	06	04	0325	0329	42.7	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
RUS	SMOLENSK	16160.000	09	04	0630	0730	35.0		CHN	BC	2K99	A3E	108	E	59	18	N	26	90	B	11	
KOR	CRMS	16160.000	22	04	0329	0329	5.9		CHN	BC		A3E							53		11	
KOR	CRMS	16160.000	21	05	0734	0734	50.8		CHN	BC		A3E									11	
G	BALDOCK	16160.000	25	05	0430			SOH XI WANG ZHI SHENG	CHN	BC		A3E							60	C		
J	TOKYO	16160.000	01	06	0445			CHINA N.R.		BC		A3E	109	E	02	18	N	52	247	A	11	
KOR	CRMS	16160.000	01	06	0708	0708	15.3		CHN	BC		A3E									11	
J	TOKYO	16160.000	29	06	1040			CHINA N.R.		BC		A3E	108	E	47	19	N	01	247	A	11	
J	TOKYO	16160.010	22	06	0015			CHINA N.R.		BC		A3E	087	E	56	43	N	39	298	A	11	
J	TOKYO	16160.080	13	04	0644			SOUND OF HOPE		BC		A3E	121	E	27	24	N	03	240	B	11	TAIWAN
J	TOKYO	16160.080	19	04	0443			SOUND OF HOPE		BC		A3E	121	E	05	24	N	47	242	B	11	TAIWAN
J	TOKYO	16176.000	29	06	1043				RUS			F1B	132	E	51	42	N	54	324	B		
G	BALDOCK	16178.500	25	05	0450			?	RUS	FX		P0N							69	A		KALININGRAD
HNG	TARNOK	16200.000	29	04	1000	1340	15.9				320H	F1B										200HZ,50BD
G	BALDOCK	16200.000	19	06	1727			?	RUS	FX		F1B	030	E	48	56	N	23	64	A		50 BD SECURE
HNG	TARNOK	16207.000	29	04	0710	1735	19.9				320H	F1B										200HZ,50BD,ASCII
HNG	TARNOK	16230.000	29	04	1917	1957	8.0				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
INS	MSCK-TANGERANG	16233.150	06	04	0600	0630		Unknown		FX	3K00E	J3E										
G	BALDOCK	16234.000	19	06	1728			?	RUS	FX		F1B	034	E	24	55	N	40	66	A		50 BD SECURE
G	BALDOCK	16241.250	26	05	0240			?	USA	FX		XXX							298	A		
INS	MSCK-TANGERANG	16246.310	06	04	0600	0630		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	16250.000	12	04	0530	0630	31.0		CHN	BC	2K99	A3E	108	E	48	18	N	32	90	B	11	
KOR	CRMS	16250.000	22	04	0329	0329	8.3		CHN	BC		A3E							53		11	
KOR	CRMS	16250.000	25	05	0701	0701	7.1		CHN	BC		A3E									11	
KOR	CRMS	16250.000	10	06	1212	1212	8.2		CHN	BC		A3E									11	
G	BALDOCK	16268.505	19	06	1743			?	CAN	FX		F1B							320	A		75 BD
J	TOKYO	16299.850	06	04	0844			SOUND OF HOPE		BC		A3E	121	E	27	24	N	24	241	B	11	TAIWAN
RUS	SMOLENSK	16299.860	12	04	1000	1100	18.0		CHN	BC	2K64	A3E	120	E	26	22	N	50	77	B	11	
KOR	CRMS	16300.000	03	04	0936	0936	38.0		CHN	BC		A3E							52		11	
RUS	SMOLENSK	16300.000	12	04	0530	0630	28.0		CHN	BC	2K99	A3E	108	E	48	18	N	32	90	B	11	
RUS	NYAGAN	16300.000	12	04	1214	1217	38.0		CHN		3K00	A3E	108	E	36	19	N	08	124	A		
RUS	BELGOROD	16300.000	12	04	1238	1241	38.8		CHN	BC	8K00	A3E	109	E	37	19	N	36	90	B	11	
J	TOKYO	16300.000	13	04	0645			CHINA N.R.		BC		A3E	116	E	08	39	N	28	289	B	11	
J	TOKYO	16300.000	19	04	0447			CHINA N.R.		BC		A3E	108	E	49	18	N	57	247	A	11	
HNG	TARNOK	16300.000	01	05	0600	1602	37.2	SOH RELY	CHN	BC	5K57	A3E									11	
KOR	CRMS	16300.000	06	05	0454	0454	17.3		CHN	BC		A3E									11	
G	BALDOCK	16300.000	10	05	0510			SOH XI WANG ZHI SHENG?	CHN	BC		A3E							65	A		
J	TOKYO	16300.000	01	06	0451			CHINA N.R.		BC		A3E	117	E	05	39	N	42	285	B	11	
KOR	CRMS	16300.000	01	06	0708	0708	14.6		CHN	BC		A3E									11	
J	TOKYO	16300.000	29	06	1046			CHINA N.R.		BC		A3E	127	E	30	50	N	13	331	B	11	
HNG	TARNOK	16316.000	03	05	0840	1115	14.8				320H	F1B										250HZ,50BD
HNG	TARNOK	16322.000	03	05	0000	0200	8.0				1K95	F1B										850HZ,75BD
HNG	TARNOK	16331.700	03	05	0620	1355	26.0	"D" BEACON	RUS	RN	100HE	A1A										
HNG	TARNOK	16331.900	03	05	1120	1240	18.1	"S" BEACON	RUS	RN	100HE	A1A										
J	TOKYO	16332.200	01	06	0455			F				A1A										
J	TOKYO	16332.200	22	06	0019			F				A1A	132	E	07	43	N	16	322	B		
J	TOKYO	16340.110	19	04	0453							F3C							152	C		
INS	MSCK-TANGERANG	16360.000	07	04	0430	0500		YEDC/Rajabasa I	INS	FX	3K00E	J3E										
INS	MSCK-TANGERANG	16387.300	07	04	0530	0600		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	16440.000	07	04	2330	2335	40.1	Unknown		SA	2K70E	J3E										MARITIME HF BAND PLAN
HNG	TARNOK	16485.000	09	05	0000	0057	8.1				3K00E	G1D										STANAG 4285
INS	MSCK-TANGERANG	16505.360	08	04	0130	0200		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	16522.750	08	04	0230	0300		Unknown		FX	3K00E	J3E										
J	TOKYO	16528.000	06	04	0745			VMW				J3E	114	E	59	29	S	37	200	B		
J	TOKYO	16528.000	13	04	0601			VMW				J3E	115	E	35	28	S	36	201	B		
J	TOKYO	16546.000	06	04	0749			VMC				J3E	144	E	43	36	S	58	175	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	16546.000	13	04	0605			VMC				J3E	144	E	46	18	S	26	174	B		
RUS	SMOLENSK	16551.000	13	04	0730	0830	6.0		CYP	FC	2K99	J7D	033	E	07	34	N	41	178	B		
RUS	SMOLENSK	16553.860	13	04	0730	0830	5.0		J	FC	2K99	F1B	139	E	13	35	N	24	55	B		
RUS	S. PETERSBURG	16555.000	13	04	0700	0720	4.0		J	FC	2K39	J7B	139	E	55	35	N	34	55	B		
J	TOKYO	16559.000	13	04	0616			XSG		FC		F3C	121	E	17	31	N	24	261	B		
RUS	BELGOROD	16559.000	13	04	0823	0824	10.2		CHN		950H	F1C	121	E	01	32	N	08	72	B		
J	TOKYO	16559.000	19	04	0417			XSG		FC		F3C	121	E	08	31	N	37	261	A		
J	TOKYO	16559.000	01	06	0418			XSG		FC		F3C										
G	BALDOCK	16578.000	04	06	1745			RUSSIAN PULSE	RUS	LR		P0N							69	A		
HNG	TARNOK	16594.000	13	05	1710	1733	10.3				2K70E	J3E										LSB
INS	MSPA-SAMARINDA	16600.000	08	04	2326	2330	44.5	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
RUS	SMOLENSK	16600.000	13	04	0530	0630	27.0		CHN	BC	2K99	A3E	110	E	18	20	N	33	87	B	11	
RUS	NYAGAN	16600.000	13	04	1215	1230	7.0		CHN	BC	7K81	A3E	112	E	07	34	N	12	112	A	11	
RUS	SAMARA	16600.000	13	04	1300	1330	15.0		CHN	BC	10K0	A3E	110	E	37	31	N	50	176		11	
RUS	SMOLENSK	16600.000	14	04	0630	0730	12.0		CHN	BC	2K99	A3E	101	E	35	24	N	28	91	B	11	
KOR	CRMS	16600.000	22	04	0330	0330	6.1		CHN	BC		A3E							53		11	
HNG	TARNOK	16600.000	15	05	0700	1430	26.0	SCH XI WANG	CHN	BC	10K0E	A3E										
KOR	CRMS	16600.000	22	05	0037	0037	34.5		CHN	BC		A3E									11	
KOR	CRMS	16600.000	02	06	0958	0958	11.2		CHN	BC		A3E									11	
J	TOKYO	16600.080	01	06	0420			SOUND OF HOPE		BC		A3E									11	
RUS	S. PETERSBURG	16610.000	13	04	0725	0730	31.0		CYP		21K5	P0N							174	B		
RUS	S. PETERSBURG	16620.000	13	04	0835	0845	42.0		CYP		23K9	P0N							175	B		
INS	MSCK-TANGERANG	16660.140	08	04	2330	2400		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	16677.000	14	04	1000	1100	6.0		GRC	FC	2K80	A3E	024	E	59	37	N	16	198	B		
INS	MSPA-SAMARINDA	16680.000	09	04	0243	0246	45.4	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
KOR	CRMS	16680.000	31	05	0433	0433	33.8		CHN	BC		A3E									11	
RUS	SMOLENSK	16685.000	14	04	0530	0630	27.0		CYP	FC	2K99	P0N	032	E	26	34	N	33	87	B		
J	TOKYO	16789.810	13	04	0622			SOUND OF HOPE		BC		A3E	121	E	20	25	N	09	242	B	11	TAIWAN
J	TOKYO	16789.810	01	06	0423			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16789.830	29	06	1010			SOUND OF HOPE		BC		A3E							242	C	11	
J	TOKYO	16789.840	06	04	0755			SOUND OF HOPE		BC		A3E	121	E	25	24	N	56	242	B	11	TAIWAN
RUS	S. PETERSBURG	16789.840	14	04	0800	0900	25.0		CHN	BC		A3E	120	E	36	23	N	14	77	B	11	
J	TOKYO	16789.840	21	06	2347			SOUND OF HOPE		BC		A3E									11	
INS	MSPA-SAMARINDA	16790.000	09	04	0246	0249	46.2	SOH Xi Wang Zhi Sheng	CHN	BC	6K70E	A3E									11	
KOR	CRMS	16790.000	31	05	0433	0433	19.1		CHN	BC		A3E									11	
RUS	SMOLENSK	16804.500	14	04	1000	1100	6.0		ARS	FC	2K99	F1B	049	E	33	26	N	57	148	B		
J	TOKYO	16806.500	19	04	0424				ARG			F1B	062	E	00	34	N	31	93	B		
RUS	SMOLENSK	16813.890	14	04	1100	1200	5.0		E	FC	341H	F1B	002	E	04	41	N	39	248	B		
INS	MSCK-TANGERANG	16835.740	09	04	0600	0630		Unknown		FX	3K00E	H3E										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	16850.000	01	06	0427														308	A		
HNG	TARNOK	16856.000	25	05	0720	1700	28.4				500H	F1B										400HZ100BD
J	TOKYO	16872.000	29	06	1016				RUS			F1B	131	E	52	43	N	32	322	B		
J	TOKYO	16880.000	06	04	0804							F1B							249	D		
J	TOKYO	16880.000	13	04	0627			XSQ		FC		F1B										
RUS	ARKHANGELSK	16880.000	15	04	1100	1111	9.0	XSQ	CHN	FC	245H	F1B							88	B		
J	TOKYO	16880.000	19	04	0433			XSQ		FC		F1B										
J	TOKYO	16880.000	01	06	0434			XSQ		FC		F1B										
J	TOKYO	16880.000	21	06	2351			XSQ		FC		F1B										
J	TOKYO	16880.000	29	06	1022			XSQ		FC		F1B										
J	TOKYO	16898.490	19	04	0434			XSG		FC		F1B										
J	TOKYO	16898.490	01	06	0436			XSG		FC		F1B										
J	TOKYO	16898.490	21	06	2352			XSG		FC		F1B										
J	TOKYO	16898.500	13	04	0630			XSG		FC		F1B										
RUS	ARKHANGELSK	16898.500	15	04	1045	1057	22.0	XSG	CHN	FC	222H	F1B							84	B		
J	TOKYO	16898.500	29	06	1024			XSG		FC		F1B										
RUS	SMOLENSK	16898.580	15	04	0830	0930	5.0		CHN	FC	2K99	F1B	121	E	13	30	N	56	72	B		
INS	MSPA-SAMARINDA	16909.000	12	04	2350	2354	44.8				1K00E	A1A										MORSE
RUS	SMOLENSK	16910.000	15	04	0830	0930	5.0		KOR	FC	2K99	A1A	127	E	12	34	N	38	65	B		
J	TOKYO	16910.000	01	06	0437			HLJ		FC		A1A										
J	TOKYO	16910.010	13	04	0633			HLJ		FC		A1A										
J	TOKYO	16910.010	19	04	0436			HLJ		FC		A1A										
J	TOKYO	16910.010	21	06	2354			HLJ		FC		A1A										
J	TOKYO	16959.600	01	06	0439														153	A		
HNG	TARNOK	16960.000	29	05	1000	1500	8.4				3K00E	G1D										STANAG 4285
HNG	TARNOK	16967.800	29	05	0700	1720	8.2				3K00E	G1D										STANAG 4285
RUS	BELGOROD	16968.000	15	04	1026	1028	25.3		F		2K80		002	E	09	42	N	50	265	B		
RUS	ARKHANGELSK	16971.000	15	04	1030	1045	9.0		J	FC	2K12	F1B							76	B		
HNG	TARNOK	16978.000	29	05	0700	1500	38.1				3K00E	G1D										HF ACARS
J	TOKYO	16979.940	01	06	0440			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	16979.970	06	04	0812				CHN	BC		A3E	120	E	35	22	N	42	238	B		
J	TOKYO	16979.970	19	04	0440			SOUND OF HOPE		BC		A3E	120	E	38	22	N	40	238	B	11	TAIWAN
INS	MSPA-SAMARINDA	16980.000	12	04	0000	2400	38.6	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
KOR	CRMS	16980.000	22	04	0330	0330	25.2		CHN	BC		A3E							53		11	
KOR	CRMS	16980.000	25	05	0702	0702	28.1		CHN	BC		A3E									11	
INS	MSPA-SAMARINDA	16989.000	12	04	0005	0010	42.3				1K00E	A1A										MORSE
INS	MSPA-SAMARINDA	16990.000	12	04	0010	0017	47.5			FG	1K00E	F1B										RTTY
RUS	SMOLENSK	16990.000	15	04	0830	0930	5.0		KOR	FC	2K99	A1A	127	E	04	35	N	10	64	B		
J	TOKYO	16990.010	06	04	0818			HLO		FC		A1A										

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	16990.010	13	04	0646			HLO		FC		A1A										
J	TOKYO	16990.010	19	04	0445			HLO		FC		A1A										
J	TOKYO	16990.010	01	06	0441			HLO		FC		A1A										
J	TOKYO	16990.010	21	06	2356			HLO		FC		A1A										
J	TOKYO	17015.000	06	04	0820							J3E							219	D		
INS	MSCK-TANGERANG	17020.410	12	04	0600	0700		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	17040.000	12	04	0020	0030	48.7			FG	1K00E	F3C										MARINERS WHEATHER LOG
J	TOKYO	17040.000	01	06	0442							F1B							321	A		
J	TOKYO	17040.000	21	06	2358				RUS			F1B	131	E	58	43	N	08	322	A		
J	TOKYO	17040.000	29	06	1032				RUS			F1B	132	E	54	42	N	56	323	A		
HNG	TARNOK	17062.174	02	06	0530	0700	21.0				2K64	G1D										STANAG 4285
HNG	TARNOK	17065.216	02	06	0530	1838	14.1				2K87	G1D										STANAG 4285
INS	MSPA-SAMARINDA	17070.000	13	04	2320	2330	57.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
J	TOKYO	17070.290	22	06	0001			SOUND OF HOPE		BC		A3E									11	
INS	MSCK-TANGERANG	17077.680	13	04	0000	0030		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	17080.000	13	04	0505	0510	45.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
KOR	CRMS	17080.000	10	06	1213	1213	4.2		CHN	BC		A3E									11	
J	TOKYO	17088.000	06	04	0825							F1B							300	D		
J	TOKYO	17088.000	13	04	0648							F1B							299	D		
RUS	VERHNEYE DUBROVO	17088.000	16	04	0810	0815	28.0		KGZ		369H	F1B	073	E	36	42	N	15	145	A		
RUS	NYAGAN	17088.000	16	04	0811	0815	28.0		KGZ		369H	F1B	073	E	36	42	N	15	161	A		
RUS	SMOLENSK	17088.000	16	04	0830	0930	14.0		KAZ	FX	399H	F1B	073	E	10	43	N	14	96	B		
RUS	S. PETERSBURG	17088.000	16	04	0830	0845	34.0		KGZ	FX	367H	F1B	072	E	45	42	N	13	105	B		
HNG	TARNOK	17088.000	02	06	0800	1015	12.3				280H	F1B										200HZ,50BD
J	TOKYO	17088.000	29	06	1036							F1B							300	D		
J	TOKYO	17099.400	19	04	0447				F			J2B	150	W	18	17	S	42	116	A		OCE
J	TOKYO	17099.400	22	06	0002														117	A		
HNG	TARNOK	17108.200	02	06	0500	2400	22.6				3K12	G1D										STANAG 4285
J	TOKYO	17115.700	01	06	0447				AUS				130	E	49	13	S	04	192	A		
INS	MSCK-TANGERANG	17116.790	13	04	0200	0230		Unknown		FX	3K00E	H3E										
J	TOKYO	17118.800	19	04	0451				AUS			J2B	131	E	15	14	S	16	191	A		OCE
RUS	BELGOROD	17122.780	16	04	1100	1122	32.9		F		2K90	G1D	004	E	42	45	N	05	268	B		
HNG	TARNOK	17123.000	04	06	0500	2400	28.1				2K90	G1D										STANAG 4285
INS	MSPA-SAMARINDA	17130.000	13	04	0510	0514	47.2	HLW(Seoul South Korea)	KOR		1K00E	A1A										MORSE INFO HLW 16 MHZ
J	TOKYO	17130.000	13	04	0652			HLW		FC		A1A										
RUS	VERHNEYE DUBROVO	17130.000	16	04	0800	0818	26.0		KOR		268H	A1A	126	E	42	37	N	26	85	A		
RUS	NYAGAN	17130.000	16	04	0815	0818	26.0		KOR		268H	A1A	126	E	42	37	N	26	95	A		
J	TOKYO	17130.000	01	06	0448			HLW		FC		A1A										
J	TOKYO	17130.000	22	06	0003			HLW		FC		A1A										

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	17149.860	13	04	0653			SOUND OF HOPE		BC		A3E	120	E	21	23	N	32	240	B	11	TAIWAN
J	TOKYO	17149.890	06	04	0832				CHN	BC		A3E	121	E	05	24	N	31	241	B		
J	TOKYO	17149.890	19	04	0454			SOUND OF HOPE		BC		A3E	120	E	35	23	N	44	240	A	11	TAIWAN
INS	MSPA-SAMARINDA	17150.000	13	04	0514	0523	46.7	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	17150.000	13	04	2330	2335	52.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
RUS	NYAGAN	17150.000	16	04	0440	0510	13.0		CHN	BC	2K65	A3E	120	E	46	23	N	23	110	A	11	
KOR	CRMS	17150.000	31	05	0435	0435	17.6		CHN	BC		A3E									11	
J	TOKYO	17150.000	01	06	0449			CHINA N.R.		BC		A3E	108	E	45	19	N	00	247	A	11	
J	TOKYO	17150.000	22	06	0005			CHINA N.R.		BC		A3E							246	A	11	
J	TOKYO	17150.000	29	06	1042				CHN	BC		A3E	108	E	42	19	N	06	248	B		
J	TOKYO	17159.000	19	04	0456							F1A										
KOR	CRMS	17170.000	06	04	1509	1509	13.1		CHN	BC		A3E							53		11	
INS	MSPA-SAMARINDA	17170.000	13	04	0523	0527	47.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	17170.000	13	04	2335	2340	59.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSKH-KUPANG	17170.000	14	04	0130	0133	32.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	SITE MIAOLI
RUS	SMOLENSK	17170.000	16	04	0730	0830	27.0		CHN	BC	2K99	A3E	102	E	11	25	N	09	90	B	11	
KOR	CRMS	17170.000	22	05	0037	0037	13.8		CHN	BC		A3E									11	
RUS	SMOLENSK	17184.000	16	04	0850	0950	19.0		KAZ	FX	376H	F1B	073	E	07	43	N	29	96	B		
RUS	SMOLENSK	17200.000	16	04	0900	1000	14.0		CHN	BC	2K99	A3E	102	E	50	24	N	25	90	B	11	
KOR	CRMS	17200.000	17	05	1213	1213	15.0		CHN	BC		A3E									11	
HNG	TARNOK	17225.300	08	06	0720	2400	20.6				3K00E	G1D										STANAG 4285
HNG	TARNOK	17239.500	08	06	1500	2400	16.1				3K00E	G1D										STANAG 4285
HNG	TARNOK	17248.500	08	06	1630	1800	8.7				3K00E	G1D										STANAG 4285
INS	MSPA-SAMARINDA	17288.000	14	04	2310	2315	44.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSCK-TANGERANG	17300.470	14	04	0130	0200		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	17329.380	14	04	0230	0300		Unknown		FX	3K00E	J3E										
J	TOKYO	17375.000	01	06	0453														308	A		
RUS	BELGOROD	17381.800	19	04	1345	1350	28.9		YEM		2K80	G1D	049	E	01	14	N	34	160	B		
J	TOKYO	17393.600	19	04	0459				CHN			J2B	116	E	38	38	N	56	287	A		
INS	MSCK-TANGERANG	17400.000	14	04	0600	0630		SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	17400.000	14	04	2315	2318	49.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	17400.000	15	04	0025	0027	50.2	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
RUS	BELGOROD	17400.000	19	04	1227	1231	36.6		CYP		2K80	G1D	032	E	53	34	N	42	191	B		
RUS	SMOLENSK	17400.000	19	04	1230	1330	6.0		CYP	FC	2K98	A3E	032	E	42	34	N	56	178	B		
KOR	CRMS	17400.000	24	04	0941	0941	24.1		CHN	BC		A3E							53		11	
KOR	CRMS	17400.000	22	05	0037	0037	10.5		CHN	BC		A3E									11	
HNG	TARNOK	17400.000	14	06	0555	1400	20.6				3K15E	G1D										STANAG 4285
HNG	TARNOK	17400.000	16	06	0557	1357	20.8				3K15E	G1D										STANAG 4285
KOR	CRMS	17400.000	30	06	0052	0052	22.6		CHN	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	17400.230	06	04	0837			SOUND OF HOPE		BC		A3E	107	E	01	47	N	55	307	B	11	MNG
J	TOKYO	17400.230	13	04	0658			SOUND OF HOPE		BC		A3E	106	E	49	48	N	13	307	A	11	MNG
J	TOKYO	17400.230	19	04	0503			SOUND OF HOPE		BC		A3E	107	E	11	47	N	53	307	A	11	MNG
J	TOKYO	17400.230	29	06	1047				MNG	BC		A3E	106	E	34	47	N	46	308	B		
J	TOKYO	17400.240	01	06	0456			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17400.240	22	06	0009			SOUND OF HOPE		BC		A3E									11	
RUS	SMOLENSK	17430.000	19	04	0800	0900	6.0		MLA	FX	2K99	J7B	101	E	16	04	N	06	105	B		
RUS	SMOLENSK	17435.000	19	04	0830	0930	17.0		CHN	BC	2K98	A3E	075	E	52	39	N	05	100	B	11	
INS	MSCK-TANGERANG	17440.000	14	04	0600	0630		SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	17440.000	14	04	2318	2322	43.6	SOH RELY RFA	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	17440.000	15	04	0000	2400	45.7	SOH RELY RFA	CHN	BC	9K00E	A3E									11	
RUS	SMOLENSK	17440.000	19	04	0830	0930	17.0		CHN	BC	2K97	A3E	101	E	35	25	N	12	90	B	11	
KOR	CRMS	17440.000	24	04	0941	0941	30.5		CHN	BC		A3E							53		11	
KOR	CRMS	17440.000	22	05	0038	0038	16.6		CHN	BC		A3E									11	
G	BALDOCK	17440.000	04	06	1740			USA PULSE	USA	LR		P0N							288	A		VIRGINIA AREA
KOR	CRMS	17440.000	24	06	0443	0443	14.5		CHN	BC		A3E									11	
J	TOKYO	17440.250	13	04	0704			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	17440.250	19	04	0506			SOUND OF HOPE		BC		A3E	120	E	28	23	N	46	241	B	11	TAIWAN
J	TOKYO	17440.250	29	06	1050			SOUND OF HOPE		BC		A3E	120	E	11	23	N	10	240	B	11	TAIWAN
J	TOKYO	17440.260	06	04	0842			SOUND OF HOPE		BC		A3E	121	E	34	24	N	51	242	B	11	TAIWAN
J	TOKYO	17440.260	22	06	0010			SOUND OF HOPE		BC		A3E									11	
RUS	BELGOROD	17441.790	19	04	1231	1235	48.9		BUL		2K80	G1D	024	E	07	43	N	02	233	B		
HNG	TARNOK	17452.000	18	06	0500	1500	16.2				400H	F1B										250HZ,50BD
J	TOKYO	17477.000	01	06	0501							F1B							359	A		
J	TOKYO	17477.000	22	06	0011				RUS			F1B	139	E	50	49	N	34	359	A		
INS	MSPA-SAMARINDA	17485.000	15	04	0510	0515	44.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17485.000	20	04	0530	0630	48.0		CHN	BC	2K99	A3E	075	E	57	39	N	16	100	B		
RUS	SAMARA	17485.000	20	04	0550	0605	22.0		CHN	BC	10K0	A3E	075	E	42	39	N	21				
RUS	NOVOSIBIRSK	17485.000	20	04	0600	0630	31.0		CHN	BC	7K50	A3E	108	E	25	33	N	13	130	A		
RUS	IRKUTSK	17485.000	20	04	0600	0630	23.0		CHN	BC	7K90	A3E	108	E	25	33	N	13	170	A		
RUS	BELGOROD	17485.000	20	04	0635	0638	62.5		CHN	BC	8K10	A3E	105	E	41	34	N	48	80	B		
RUS	VERHNEYE DUBROVO	17485.000	20	04	0900	0908	39.0		CHN		10K5	A3E	109	E	31	19	N	24	115	A		
RUS	NYAGAN	17485.000	20	04	0900	0908	39.0		CHN		10K5	A3E	109	E	31	19	N	24	125	A		
RUS	ARKHANGELSK	17485.000	20	04	1005	1020	30.0		CHN	BC	2K72	A3E							88	B		
KOR	CRMS	17485.000	08	05	0942	0942	32.0	AGM	THA	BC		A3E									3	
KOR	CRMS	17485.000	12	06	0935	0935	39.8	AGM	THA	BC		A3E									3	
HNG	TARNOK	17485.000	18	06	0500	0657	31.7	CRI	CHN	BC	9K81	A3E										
G	BALDOCK	17490.000	04	04	0938			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	A		KASHI-SAIBAGH TX SITE

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	17490.000	14	04	0135	0137	37.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE BEIJING
INS	MSPA-SAMARINDA	17490.000	15	04	0033	0035	46.9	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17490.000	15	04	0100	0130		CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17490.000	15	04	0110	0114	47.2	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17490.000	15	04	0205	0209	46.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17490.000	16	04	0156	0158	35.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE BEIJING
RUS	BELGOROD	17490.000	20	04	0706	0709	58.5		CHN	BC	10K3	A3E	114	E	46	36	N	56	72	B		
RUS	SMOLENSK	17490.000	20	04	0730	0830	64.0		CHN	BC	2K99	A3E	075	E	59	39	N	22	100	B		
RUS	VERHNEYE DUBROVO	17490.000	20	04	0800	0805	42.0		CHN		18K3	A3E	119	E	57	30	N	52	97	A		
RUS	S. PETERSBURG	17490.000	20	04	0800	0815	55.0		CHN	BC	11K3	A3E	112	E	53	37	N	48	74	B		
RUS	NYAGAN	17490.000	20	04	0800	0805	42.0		CHN		18K3	A3E	119	E	57	30	N	52	106	A		
RUS	MOROZOVSK	17490.000	20	04	0830	0845	32.0		CHN	BC	6K00	A3E	077	E	33	37	N	25	99	C		
RUS	NOVOSIBIRSK	17490.000	20	04	1000	1030	52.0	CHINA RADIO INT.	CHN	BC	9K50	A3E	109	E	05	34	N	06	128	A		
RUS	ARKHANGELSK	17490.000	20	04	1015	1030	27.0		CHN	BC	3K00	A3E							88	B		
RUS	BELGOROD	17490.000	20	04	1035	1042	76.7		CHN	BC	9K40	A3E	109	E	19	33	N	14	79	B		
HNG	TARNOK	17490.000	18	06	0700	1258	43.2	CRI	CHN	BC	9K99	A3E										
KOR	CRMS	17490.000	23	06	0111	0111	47.1	CRI	CHN	BC		A3E									3	
INS	MSKH-KUPANG	17490.000	23	06	0850	0853	26.0	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE KASHI-SAIBAGH
G	BALDOCK	17497.000	10	04	1606			?	RUS	LR		P0N							70	A		OTHR
INS	MSPA-SAMARINDA	17510.000	15	04	0515	0518	42.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	IRKUTSK	17510.000	20	04	0530	0600	3.0		CHN	BC	10K3	A3E	086	E	51	43	N	53	241	A		
RUS	SMOLENSK	17510.000	20	04	0530	0630	39.0		CHN	BC	2K99	A3E	075	E	57	39	N	16	100	B		
RUS	SAMARA	17510.000	20	04	0545	0600	21.0		CHN	BC	10K0	A3E	075	E	42	39	N	21	97			
RUS	BELGOROD	17510.000	20	04	0638	0646	66.6		CHN	BC	10K0	A3E	087	E	07	44	N	05	81	B		
HNG	TARNOK	17510.000	20	06	0400	0457	11.1	CRI	CHN	BC	9K99	A3E										
HNG	TARNOK	17519.999	20	06	0600	0700	12.9	CRI	CHN	BC	9K34	A3E										
RUS	SMOLENSK	17520.000	20	04	0530	0630	48.0		CHN	BC	2K99	A3E	075	E	52	39	N	30	100	B		
RUS	IRKUTSK	17520.000	20	04	0630	0700	21.0		CHN	BC		A3E	116	E	04	39	N	55	144	A		
RUS	NOVOSIBIRSK	17520.000	20	04	0630	0700	25.0		CHN	BC	10K7	A3E	116	E	04	39	N	55	110	A		
RUS	BELGOROD	17520.000	20	04	0646	0650	61.8		CHN	BC	10K3	A3E	115	E	37	39	N	34	69	B		
G	BALDOCK	17530.000	03	04	1619			VOICE OF AMERICA	BOT	BC		A3E							153	A		SELEBI PHIKWE TX SITE
RUS	NOVOSIBIRSK	17530.000	20	04	0900	0930	26.0		CHN	BC		A3E	109	E	18	34	N	04	128	A		
RUS	VERHNEYE DUBROVO	17530.000	20	04	1000	1012	38.0		CHN		13K2	A3E	108	E	08	34	N	15	105	A		
RUS	NYAGAN	17530.000	20	04	1000	1012	38.0		CHN		13K2	A3E	108	E	08	34	N	15	116	A		
RUS	ARKHANGELSK	17530.000	20	04	1025	1040	16.0		CHN	BC	2K63	A3E							88	B		
RUS	BELGOROD	17530.000	20	04	1042	1051	59.2		CHN	BC	10K4	A3E	110	E	13	31	N	24	80	B		
KOR	CRMS	17530.000	26	04	0452	0452	33.1		MDG	BC		A3E									6	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	17530.000	10	05	0428	0428	14.7		CHN	BC		A3E									6	
G	BALDOCK	17530.000	20	05	1844			VOA	G	BC		A3E	014	W	22	07	S	53	198	A		ASCENSION TX
KOR	CRMS	17530.000	23	05	0420	0420	44.5		MDG	BC		A3E									6	
KOR	CRMS	17530.000	10	06	0432	0432	20.8		CHN	BC		A3E									6	
HNG	TARNOK	17530.000	20	06	0900	1157	17.0	CRI	CHN	BC	9K78	A3E										
KOR	CRMS	17530.000	22	06	1531	1531	21.9	AGM	BOT	BC		A3E									3	
KOR	CRMS	17530.000	28	06	0452	0452	23.8		MDG	BC		A3E									6	
HNG	TARNOK	17539.995	20	06	1030	1100	19.9	AWR	USA	BC	9K67	A3E										
HNG	TARNOK	17539.997	20	06	0300	0357	28.7	CRI	CHN	BC	9K99	A3E										
G	BALDOCK	17540.000	04	04	0939			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	A		KASHI-SAIBAGH
INS	MSPA-SAMARINDA	17540.000	15	04	0518	0522	46.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	NOVOSIBIRSK	17540.000	20	04	0330	0400	26.0		CHN	BC	10K7	A3E	116	E	31	39	N	18	111	A		
RUS	SMOLENSK	17540.000	20	04	0530	0630	25.0		CHN	BC	2K99	A3E	075	E	57	39	N	16	100	B		
RUS	BELGOROD	17540.000	20	04	0650	0653	63.2		CHN	BC	10K5	A3E	075	E	27	39	N	38	97	B		
RUS	VERHNEYE DUBROVO	17540.000	20	04	0800	0807	51.0		CHN		15K3	A3E	075	E	50	38	N	42	145	A		
RUS	NYAGAN	17540.000	20	04	0800	0807	51.0		CHN		15K3	A3E	075	E	50	38	N	42	160	A		
RUS	BELGOROD	17540.000	20	04	1051	1058	73.0		USA	BC	9K40	A3E							67	C		
INS	MSKH-KUPANG	17540.000	23	06	0854	0857	28.3	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE KASHI-SAIBAGH
HNG	TARNOK	17540.002	20	06	0400	0900	13.4	CRI	CHN	BC	9K99	A3E										
G	BALDOCK	17550.000	04	04	1015			CNR1 VOICE OF CHINA	CHN	BC		A3E	116	E	27	39	N	57	44	B		BEIJING TX SITE
INS	MSPA-SAMARINDA	17550.000	15	04	0035	0038	42.6	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17550.000	15	04	0114	0117	41.8	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17550.000	15	04	0400	0430		CNR 1	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17550.000	15	04	0522	0527	42.3	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17550.000	16	04	0158	0201	22.2	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
RUS	NOVOSIBIRSK	17550.000	20	04	0300	0330	19.0		CHN	BC	4K80	A3E	116	E	37	39	N	45	110	A		
RUS	SMOLENSK	17550.000	20	04	0530	0630	22.0		CHN	BC	2K99	A3E	116	E	21	39	N	47	68	B		
RUS	MOROZOVSK	17550.000	20	04	0900	0915	31.0		CHN	BC	3K00	A3E	110	E	43	36	N	12	76	C		
RUS	VERHNEYE DUBROVO	17550.000	20	04	1000	1015	26.0		CHN		12K3	A3E	116	E	14	38	N	58	92	A		
RUS	NYAGAN	17550.000	20	04	1012	1015	26.0		CHN		12K3	A3E	116	E	14	38	N	58	102	A		
RUS	ARKHANGELSK	17550.000	20	04	1030	1040	29.0		CHN	BC	777H	A3E							82	B		
RUS	BELGOROD	17550.000	20	04	1100	1107	60.3		CHN	BC	9K00	A3E	115	E	37	39	N	34	69	B		
HNG	TARNOK	17550.000	20	06	0000	0600	11.7	CNR	CHN	BC	10K0E	A3E										
HNG	TARNOK	17550.000	20	06	0900	1200	16.5	CNR	CHN	BC	9K92	A3E										
KOR	CRMS	17550.000	29	06	0632	0632	45.1	CNR	CHN	BC		A3E									3	
HNG	TARNOK	17550.001	22	06	0000	0600	21.2	CNR1	CHN	BC	10K0E	A3E										
HNG	TARNOK	17559.998	22	06	0800	1000	34.7	CRI	CHN	BC	9K88	A3E										
HNG	TARNOK	17559.999	22	06	1200	1400	51.2	CRI	CHN	BC	9K94	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	17560.000	04	04	0943			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							54	B		XIANYANG TX SITE
G	BALDOCK	17560.000	11	04	1427			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							72	A		KASHI-SAIBAGH TX
INS	MSPA-SAMARINDA	17560.000	15	04	0038	0042	46.2	VOICE OF AMERICA	CHN	BC	9K00E	A3E										
RUS	VERHNEYE DUBROVO	17560.000	20	04	0800	0813	48.0		CHN		7K19	A3E	109	E	11	32	N	42	105	A		
RUS	NYAGAN	17560.000	20	04	0800	0813	48.0		CHN		7K19	A3E	109	E	11	32	N	42	116	A		
RUS	S. PETERSBURG	17560.000	20	04	0830	0845	49.0		CHN	BC	11K3	A3E	107	E	50	33	N	01	82	B		
RUS	MOROZOVSK	17560.000	20	04	0845	0900	30.0		CHN	BC	6K00	A3E	113	E	17	31	N	05	80	C		
RUS	NOVOSIBIRSK	17560.000	20	04	0920	0950	21.0		CHN	BC		A3E	109	E	32	33	N	57	128	A		
RUS	BELGOROD	17560.000	20	04	1200	1208	66.3		CHN	BC	10K7	A3E	114	E	50	40	N	04	69	B		
KOR	CRMS	17560.000	25	04	1243	1243	23.8	CRI	CHN	BC		A3E										3
KOR	CRMS	17560.000	21	06	1243	1243	14.9	CRI	CHN	BC		A3E										3
INS	MSKH-KUPANG	17560.000	23	06	0858	0859	38.1	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE XIANYANG
KOR	CRMS	17560.000	30	06	0053	0053	57.5	AGM	PHL	BC		A3E										3
INS	MSKH-KUPANG	17565.000	14	04	0138	0140	49.0	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
INS	MSPA-SAMARINDA	17565.000	15	04	0117	0120	45.3	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17565.000	15	04	0209	0213	43.4	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17565.000	15	04	0430	0500		CNR 1	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17565.000	15	04	0527	0530	42.9	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17565.000	16	04	0201	0203	35.5	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
RUS	SMOLENSK	17565.000	20	04	0530	0630	18.0		CHN	BC	2K99	A3E	116	E	33	39	N	41	68	B		
G	BALDOCK	17570.000	09	04	1755			ADVENTIST WORLD RADIO	F	BC		A3E							156	A		ISSOUDON TX SITE
RUS	NYAGAN	17570.000	20	04	0900	0905	57.0		CHN		10K3	A3E	087	E	58	43	N	00	135	A		
RUS	VERHNEYE DUBROVO	17570.000	20	04	0900	0905	57.0		CHN		10K3	A3E	087	E	58	43	N	00	117	A		
RUS	ARKHANGELSK	17570.000	20	04	1100	1113	14.0		ARS	BC	2K88	A3E							180	B		
RUS	BELGOROD	17570.000	20	04	1139	1158	63.7		ARS	BC	7K10	A3E	039	E	13	21	N	29	175	A		
KOR	CRMS	17570.000	25	04	1245	1245	32.8		ROU	BC		A3E										6
KOR	CRMS	17570.000	24	05	1234	1234	32.3		ARS	BC		A3E										6
KOR	CRMS	17570.000	26	05	1006	1006	26.9		CHN	BC		A3E										6
HNG	TARNOK	17570.000	22	06	0900	1200	40.3	CRI	CHN	BC	9K97	A3E										
INS	MSKH-KUPANG	17570.000	23	06	0858	0901	14.0	R. SAUDI	ARS	BC	9K00E	A3E										SITE RIYADH
HNG	TARNOK	17570.003	22	06	1700	1800	36.7	AWR	AUT	BC	9K85	A3E										
G	BALDOCK	17580.000	04	04	0944			CNR 1 VOICE OF CHINA	CHN	BC		A3E							50	A		LINGSHI TX SITE
INS	MSPA-SAMARINDA	17580.000	15	04	0042	0046	46.9	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17580.000	15	04	0120	0124	46.2	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17580.000	15	04	0213	0215	45.8	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17580.000	15	04	0530	0600		CNR 1	CHN	BC	9K00E	A3E										
RUS	NOVOSIBIRSK	17580.000	20	04	0130	0200	35.0		CHN	BC	15K6	A3E	111	E	35	35	N	57	122	A		
RUS	SMOLENSK	17580.000	20	04	0530	0630	28.0		CHN	BC	2K99	A3E	111	E	51	36	N	08	74	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	17580.000	20	04	0930	0945	31.0		CHN	BC	3K00	A3E	115	E	51	31	N	24	78	C		
RUS	VERHNEYE DUBROVO	17580.000	20	04	1000	1018	48.0		CHN		16K1	A3E	110	E	59	38	N	20	98	A		
RUS	NYAGAN	17580.000	20	04	1017	1018	48.0		CHN		16K1	A3E	110	E	59	38	N	20	111	A		
RUS	ARKHANGELSK	17580.000	20	04	1032	1043	45.0		CHN	BC	941H	A3E							88	B		
HNG	TARNOK	17580.000	22	06	0000	0600	17.2	CNR1	CHN	BC	10K0E	A3E										
KOR	CRMS	17580.000	30	06	0054	0054	26.5	CNR	CHN	BC		A3E									3	
INS	MSPA-SAMARINDA	17595.000	15	04	0046	0049	42.4	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17595.000	15	04	0124	0127	40.6	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17595.000	15	04	0215	0217	32.7	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17595.000	15	04	0530	0534	45.2	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17595.000	15	04	0600	0630		CNR 1	CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	17595.000	16	04	0203	0205	24.3	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE SHIJIAZHUANG
INS	MSKH-KUPANG	17595.000	23	06	0904	0906	15.3	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE SHIJIAZHUANG
KOR	CRMS	17595.000	30	06	0054	0054	30.1	CNR	CHN	BC		A3E									3	
G	BALDOCK	17605.000	04	04	0946			CNR 1 VOICE OF CHINA	CHN	BC		A3E							45	A		BEIJING TX SITE
INS	MSKH-KUPANG	17605.000	14	04	0142	0144	21.4	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
INS	MSPA-SAMARINDA	17605.000	15	04	0127	0130	43.8	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17605.000	15	04	0217	0219	42.4	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17605.000	15	04	0534	0537	42.1	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17605.000	15	04	0600	0630		CNR 1	CHN	BC	9K00E	A3E										
RUS	NOVOSIBIRSK	17605.000	20	04	0230	0300	26.0		CHN	BC	14K7	A3E	116	E	46	39	N	42	110	A		
RUS	IRKUTSK	17605.000	20	04	0500	0530	4.0		CHN	BC		A3E	116	E	42	39	N	45	143	A		
RUS	ARKHANGELSK	17605.000	20	04	1037	1049	29.0	CRI	CHN	BC	2K47	A3E							102	B		
KOR	CRMS	17605.000	31	05	1308	1308	50.4		MDG	BC		A3E									6	
HNG	TARNOK	17605.000	24	06	0400	0600	15.0	CNR1	CHN	BC	9K99	A3E										
KOR	CRMS	17605.000	24	06	1309	1309	40.7		MDG	BC		A3E									6	
KOR	CRMS	17605.000	30	06	0054	0054	51.3	CNR	CHN	BC		A3E									3	
HNG	TARNOK	17614.983	24	06	1250	1557	48.4	RADIO SAUDI	ARS	BC	9K86	A3E									3	
HNG	TARNOK	17614.997	24	06	0400	0500	25.9	IBB/VOA	THA	BC	8K96	A3E										2 Transmitter
G	BALDOCK	17615.000	03	04	1625			RADIO SAUDI	ARS	BC		A3E	046	E	23	24	N	30	109	A		RIYADH TX SITE
G	BALDOCK	17615.000	05	04	1726			RCV	RUS	FX		A1A							96	B		SEVASTOPOL (NAWAREA)
INS	MSPA-SAMARINDA	17615.000	15	04	0537	0541	43.9	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17615.000	20	04	0530	0630	52.0		CHN	BC	2K99	A3E	102	E	42	25	N	07	90	B		
RUS	BELGOROD	17615.000	20	04	0653	0703	66.7		CHN	BC	10K3	A3E	102	E	42	25	N	07	91	B		
RUS	MOROZOVSK	17615.000	20	04	0915	0930	37.0		ARS	BC	3K00	A3E	046	E	07	23	N	50	170	C		
RUS	VERHNEYE DUBROVO	17615.000	20	04	1015	1020	46.0		ARS		10K2	A3E	046	E	51	26	N	15	205	A		
RUS	ARKHANGELSK	17615.000	20	04	1017	1030	16.0	Radio Saudi	KWT	BC	2K95	A3E							168	B		
RUS	NYAGAN	17615.000	20	04	1018	1020	46.0		ARS		10K2	A3E	046	E	51	26	N	15	208	A		
RUS	BELGOROD	17615.000	20	04	1325	1329	67.6		ARS	BC	7K10	A3E	039	E	13	21	N	29	175	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	17615.000	20	04	1350	1356	61.5		ARS	BC	7K90	A3E	045	E	25	24	N	49	160	B		
INS	MSKH-KUPANG	17615.000	23	06	0906	0909	20.0	R. SAUDI	ARS	BC	9K00E	A3E										SITE RIYADH
HNG	TARNOK	17615.000	24	06	0600	0900	44.4	CRI	CHN	BC	10K0E	A3E										
KOR	CRMS	17615.000	29	06	1538	1538	21.9		ARS	BC		A3E									6	
RUS	SAMARA	17616.000	20	04	0530	0550	35.0		CHN	BC	10K0	A3E	086	E	53	44	N	08	97			
RUS	ARKHANGELSK	17620.000	20	04	1105	1116	51.0	Voice of Turkey	TUR	BC	2K58	A3E							198	B		
RUS	BELGOROD	17620.000	20	04	1208	1212	61.5		F	BC	10K0	A3E	001	E	26	46	N	15	273	B		
HNG	TARNOK	17620.000	24	06	1000	1300	62.7	RFI	CHN	BC	9K97	A3E										
INS	MSKH-KUPANG	17625.000	14	04	0145	0148	28.9	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										SITE BEIJING
INS	MSPA-SAMARINDA	17625.000	15	04	0000	2400	40.2	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17625.000	15	04	0049	0052	45.3	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17625.000	15	04	0130	0134	41.4	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17625.000	15	04	0541	0544	42.5	CNR 2 China Business Radio	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17625.000	15	04	0600	0630		CNR 2	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17625.000	20	04	0530	0630	26.0		CHN	BC	2K99	A3E	116	E	03	39	N	44	68	B		
KOR	CRMS	17625.000	30	06	0054	0054	40.7	CNR	CHN	BC	8K67E	A3E									3	
G	BALDOCK	17630.000	03	04	1703			CHINA RADIO INTERNATIONAL	MLI	BC		A3E							188	B		BAMAKO II TX SITE
RUS	BELGOROD	17630.000	20	04	1415	1419	61.7		MLI	BC	7K90	A3E	008	W	19	12	N	25	240	B		
HNG	TARNOK	17630.000	24	06	1400	1600	47.3	CRI	CHN	BC	12K0	A3E										
KOR	CRMS	17630.000	29	06	1539	1539	20.4	CRI	MLI	BC		A3E									3	
HNG	TARNOK	17639.997	24	06	0300	0500	19.1	CRI	CHN	BC	9K71	A3E										
G	BALDOCK	17640.000	05	04	1730			BBC WORLD SERVICE	G	BC		A3E							195	B		
INS	MSPA-SAMARINDA	17640.000	15	04	0221	0223	45.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17640.000	15	04	0544	0547	40.2	R.THAILAND	CHN	BC	9K00E	A3E										
RUS	NOVOSIBIRSK	17640.000	20	04	0200	0230	22.0	CHINA RADIO INT.	CHN	BC	7K80	A3E	108	E	46	32	N	46	130	A		
RUS	SAMARA	17640.000	20	04	0540	0555	21.0		THA	BC	10K0	A3E	103	E	12	17	N	40	111			
RUS	ARKHANGELSK	17640.000	20	04	1107	1117	29.0		CHN	BC	2K56	A3E							102	B		
RUS	BELGOROD	17640.000	20	04	1212	1217	62.7		IRN	BC	10K0	A3E	055	E	56	29	N	42	138	B		
HNG	TARNOK	17640.000	24	06	1100	1200	43.3	IBB/RFA	CHN	BC	9K40	A3E										
HNG	TARNOK	17640.000	24	06	1600	1700	27.3	BBC	G	BC	6K59	A3E										
KOR	CRMS	17640.000	28	06	0455	0455	52.3	CRI	CHN	BC		A3E									3	
HNG	TARNOK	17640.004	24	06	0530	0600	37.9	THAILAND	THA	BC	10K0E	A3E										
G	BALDOCK	17650.000	04	04	0947			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							73	A		KASHI-SAIBAGH
INS	MSPA-SAMARINDA	17650.000	15	04	0052	0056	41.6	KSDA-ADVENTIST WORLD R. GUAM		BC	9K00E	A3E										RADIO GUAM
INS	MSKH-KUPANG	17650.000	16	04	0001	0004	13.3	KSDA-ADVENTIST WORLD R. GUAM	USA	BC	9K00E	J3E										SITE AGAT - GUAM
INS	MSPA-SAMARINDA	17650.000	16	04	0615	0620	40.4	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17650.000	20	04	0530	0630	62.0		CHN	BC	2K99	A3E	075	E	52	39	N	35	99	B		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUS	BELGOROD	17650.000	20	04	0703	0706	61.2		CHN	BC	10K3	A3E	109	E	07	34	N	27	78	B		
RUS	S. PETERSBURG	17650.000	20	04	0750	0800	52.0		CHN	BC	11K3	A3E	109	E	26	33	N	51	80	B		
RUS	VERHNEYE DUBROVO	17650.000	20	04	0813	0818	50.0		CHN		7K32	A3E	109	E	30	32	N	43	106	A		
RUS	NYAGAN	17650.000	20	04	0813	0818	50.0		CHN		7K32	A3E	109	E	30	32	N	43	115	A		
RUS	BELGOROD	17650.000	20	04	1030	1035	64.4		CHN	BC	10K6	A3E	087	E	23	43	N	19	82	B		
RUS	NOVOSIBIRSK	17650.000	21	04	0600	0630	44.0		CHN	BC		A3E	108	E	47	32	N	22	131	A		
RUS	SAMARA	17650.000	21	04	0700	0730	30.0		CHN	BC	10K0	A3E	075	E	42	39	N	21	97			
RUS	BELGOROD	17650.000	21	04	0725	0732	61.2		CHN	BC	9K30	A3E	109	E	51	33	N	55	78	B		
RUS	YAKUTSK	17650.000	21	04	0820	0850	93.0		CHN	BC	2K97	A3E	107	E	41	32	N	33	216	A		
KOR	CRMS	17650.000	24	04	0042	0042	45.8		USA	BC		A3E										6
KOR	CRMS	17650.000	22	05	0040	0040	45.1		USA	BC		A3E										6
KOR	CRMS	17650.000	19	06	0040	0040	19.1		USA	BC		A3E										6
INS	MSKH-KUPANG	17650.000	23	06	0050	0053	18.4	BBC	OMA	BC	9K00E	A3E										SITE AL SEELA
INS	MSKH-KUPANG	17650.000	23	06	0909	0911	16.3	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE KASHI-SAIBAGH (ENGLISH LANGUAGE)
HNG	TARNOK	17650.000	24	06	0600	0900	46.0	CRI	CHN	BC	12K5	A3E										
HNG	TARNOK	17650.000	24	06	0900	1000	48.6	CRI	CHN	BC	12K5	A3E										
HNG	TARNOK	17650.000	24	06	1000	1300	57.3	CRI	CHN	BC	12K5	A3E										
HNG	TARNOK	17650.000	26	06	0600	1357	45.6	CRI	CHN	BC	9K67	A3E										
RUS	S. PETERSBURG	17655.000	21	04	1801	1830	22.0		STP	BC		A3E	006	E	17	00	N	10	207	B		
G	BALDOCK	17655.000	22	04	1923			VOICE OF AMERICA	STP	BC		A3E							168	B		PINHEIRA TX SITE
HNG	TARNOK	17655.002	26	06	1700	1830	30.0	IBB/VOA	CVA	BC	9K42	A3E										
HNG	TARNOK	17659.997	26	06	0500	0600	33.3	IBB/VOA	THA	BC	9K83	A3E										
INS	MSKH-KUPANG	17660.000	16	04	0500	0503	23.0	VOICE OF AMERICA	THA	BC	9K00E	A3E										SITE UDON THANI
INS	MSPA-SAMARINDA	17660.000	16	04	0533	0535	42.6	VOICE OF AMERICA	THA	BC	9K00E	A3E										
RUS	SMOLENSK	17660.000	21	04	0530	0630	18.0		THA	BC	2K99	A3E	103	E	01	17	N	03	95	B		
HNG	TARNOK	17660.000	26	06	1200	1330	45.5	RFI	MDG	BC	9K72	A3E										
HNG	TARNOK	17669.997	26	06	0100	0300	16.4	IBB/RFA	USA	BC	10K0E	A3E										
G	BALDOCK	17670.000	04	04	0948			CHINA RADIO INTERNATIONAL	CHN	BC		A3E							74	A		KASHI-SAIBAGH TX SITE
INS	MSKH-KUPANG	17670.000	16	04	0100	0103	46.4	R. FREE ASIA	USA	BC	9K00E	A3E										SITE TINIA ISLAND - USA (ADMINISTRATION)
RUS	SMOLENSK	17670.000	21	04	0630	0730	35.0		CHN	BC	2K99	A3E	119	E	36	28	N	21	75	B		
RUS	SAMARA	17670.000	21	04	0730	0800	27.0		CHN	BC	10K0	A3E	075	E	42	39	N	21	97			
RUS	BELGOROD	17670.000	21	04	0732	0738	65.1		CHN	BC	10K4	A3E	087	E	29	43	N	55	81	B		
RUS	ARKHANGELSK	17670.000	21	04	0810	0820	41.0	CRI	CHN	BC	2K81	A3E							106	B		
INS	MSKH-KUPANG	17670.000	23	06	0101	0103	43.0	R. FREE ASIA		BC	9K00E	A3E										SITE TINIAN ISLAND
KOR	CRMS	17670.000	23	06	0113	0113	38.1	AGM	USA	BC		A3E										3
HNG	TARNOK	17670.000	26	06	0700	0900	33.2	CRI	CHN	BC	9K50	A3E										
HNG	TARNOK	17670.000	26	06	1100	1157	45.5	RRO	ROU	BC	9K22	A3E										
HNG	TARNOK	17679.999	26	06	0600	0800	48.7	CRI	CHN	BC	9K90	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	17679.999	26	06	1200	1230	36.9	IBB/VOA	PHL	BC	9K68	A3E										
INS	MSKH-KUPANG	17680.000	16	04	0600	0603	24.2	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										SITE KASHI-SAIBAGH
INS	MSPA-SAMARINDA	17680.000	16	04	0620	0623	43.5	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17680.000	21	04	0530	0630	48.0		CHN	BC	2K99	A3E	076	E	16	39	N	31	99	B		
RUS	VERHNEYE DUBROVO	17680.000	21	04	0614	0621	59.0		CHN		7K44	A3E	086	E	42	44	N	05	117	A		
RUS	NYAGAN	17680.000	21	04	0614	0621	59.0		CHN		7K44	A3E	086	E	42	44	N	05	136	A		
RUS	MOROZOVSK	17680.000	21	04	0630	0645	38.0		CHN	BC	9K00	A3E							87	C		
RUS	SAMARA	17680.000	21	04	0700	0730	27.0		CHN	BC	10K0	A3E	075	E	42	39	N	21	97			
RUS	BELGOROD	17680.000	21	04	0738	0740	64.7		CHN	BC	10K7	A3E	087	E	18	43	N	21	81	B		
RUS	ARKHANGELSK	17680.000	21	04	1000	1015	11.0	CRI	CHN	BC	3K25	A3E							102	B		
KOR	CRMS	17680.000	24	04	0943	0943	50.6	CRI	CHN	BC		A3E										3
HNG	TARNOK	17689.994	26	06	0500	0700	29.9	IBB/RFA	KWT	BC	9K56	A3E										
HNG	TARNOK	17689.995	26	06	0300	0500	31.6	IBB/RFA	USA	BC	9K86	A3E										
HNG	TARNOK	17689.999	26	06	1400	1500	30.0	IBB/VOA	D	BC	9K00	A3E										
KOR	CRMS	17690.000	02	04	0659	0659	39.2		KWT	BC		A3E										6
INS	MSKH-KUPANG	17690.000	16	04	0325	0330	31.1	RADIO FREE ASIA	USA	BC	9K00E	A3E										SITE AGIGNAN POINT - SAIPAN (USA ADMINISTRATION)
INS	MSPA-SAMARINDA	17690.000	16	04	0430	0435	46.2	R. FREE ASIA	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17690.000	16	04	0535	0537	40.1	R. FREE ASIA	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17690.000	16	04	0623	0625	41.8	R. FREE ASIA	CHN	BC	9K00E	A3E										
KOR	CRMS	17690.000	18	04	0338	0338	30.3	AGM	USA	BC		A3E										3
RUS	SMOLENSK	17690.000	21	04	0530	0630	14.0		CHN	BC	2K99	A3E	109	E	12	18	N	25	89	B		
RUS	BELGOROD	17690.000	21	04	0740	0743	62.7		USA	BC	8K30	A3E							68	B		
RUS	SAMARA	17690.000	21	04	1200	1230	28.0		TJK	BC	10K0	A3E	068	E	47	37	N	32	135	A		
KOR	CRMS	17690.000	22	04	1257	1257	33.9		TJK	BC		A3E										6
KOR	CRMS	17690.000	10	05	0429	0429	21.2		CHN	BC		A3E										6
KOR	CRMS	17690.000	25	05	0704	0704	35.9		USA	BC		A3E										6
KOR	CRMS	17690.000	27	05	1236	1236	46.0		TJK	BC		A3E										6
KOR	CRMS	17690.000	01	06	0710	0710	13.2		USA	BC		A3E										6
KOR	CRMS	17690.000	14	06	1231	1231	30.4		TJK	BC		A3E										6
HNG	TARNOK	17690.000	26	06	1200	1300	50.4	IBB/RFA	CHN	BC	9K76	A3E										
KOR	CRMS	17690.000	29	06	0634	0634	36.5		KWT	BC		A3E										6
G	BALDOCK	17700.000	10	04	1621			VOICE OF AMERICA	CVA	BC		A3E							134	B		SANTA MARIA DI GALERIA
INS	MSKH-KUPANG	17700.000	16	04	0700	0703	17.9	VOICE OF AMERICA	BOT	BC	9K00E	A3E										SITE SELEBI-PHIKWE
HNG	TARNOK	17700.000	26	06	1700	1900	42.2	WBCQ	G	BC	9K27	A3E										
HNG	TARNOK	17700.004	28	06	0700	0730	35.5	VOA	BOT	BC	10K0E	A3E										
RUS	BELGOROD	17705.000	21	04	1345	1351	55.0		ARS	BC	9K70	A3E	047	E	17	23	N	37	159	B		
HNG	TARNOK	17709.997	28	06	0600	0800	18.3	CRI	CHN	BC	10K0E	A3E										
INS	MSPA-SAMARINDA	17710.000	16	04	0435	0437	45.8	CHINA RADIO INTERNATIONAL	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	MSPA-SAMARINDA	17710.000	16	04	0625	0628	43.7	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	BELGOROD	17710.000	21	04	0743	0747	58.6		CHN	BC	10K6	A3E	116	E	12	39	N	12	69	B		
RUS	MOROZOVSK	17710.000	21	04	0900	0930	54.0		PAK	BC	6K00	A3E							127	C		
KOR	CRMS	17710.000	30	04	0727	0727	33.0	CRI	CHN	BC		A3E										3
KOR	CRMS	17710.000	25	05	0704	0704	38.8	CRI	CHN	BC		A3E										3
HNG	TARNOK	17710.000	28	06	0400	0500	13.2	CRI	CHN	BC	9K99	A3E										
HNG	TARNOK	17710.005	28	06	0845	0930	58.0	AIR	IND	BC	10K0E	A3E										
KOR	CRMS	17720.000	12	04	0446	0446	27.2		TUR	BC		A3E										6
INS	MSKH-KUPANG	17720.000	16	04	0005	0009	16.4	KSDA-ADVENTIST WORLD R. GUAM	USA	BC	9K00E	A3E										SITE AGAT - GUAM
INS	MSPA-SAMARINDA	17720.000	16	04	0537	0540	43.8	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17720.000	16	04	0628	0632	41.6	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17720.000	21	04	0530	0630	58.0		CHN	BC	2K99	A3E	076	E	08	39	N	17	99	B		
KOR	CRMS	17720.000	24	04	0043	0043	36.9		USA	BC		A3E										6
KOR	CRMS	17720.000	22	05	0041	0041	32.0		USA	BC		A3E										6
KOR	CRMS	17720.000	19	06	0041	0041	15.6		USA	BC		A3E										6
HNG	TARNOK	17720.000	28	06	0500	0657	44.2	CRI	CHN	BC	9K27	A3E										
HNG	TARNOK	17720.004	28	06	0400	0458	20.2	TRT	TUR	BC	9K99	A3E										
G	BALDOCK	17725.000	05	04	1733			ADVENTIST WORLD RADIO	D	BC		A3E							80	A		NAUEN TX
G	BALDOCK	17730.000	04	04	0949			R. SAUDI	ARS	BC		A3E							110	A		RIYADH TX
INS	MSCK-TANGERANG	17730.000	16	04	0300	0330		R.FREE ASIA		BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17730.000	16	04	0437	0441	42.6	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17730.000	16	04	0441	0444	42.6	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17730.000	16	04	0540	0542	42.3	CHINA RADIO INTERNATIONAL	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17730.000	16	04	0632	0636	44.8	RADIO SAUDI	ARS	BC	9K00E	A3E										
RUS	NOVOSIBIRSK	17730.000	21	04	0230	0300	45.0		CHN	BC		A3E	108	E	36	34	N	10	129	A		
RUS	MOROZOVSK	17730.000	21	04	0645	0700	50.0		ARS	BC	6K00	A3E							171	C		
RUS	BELGOROD	17730.000	21	04	0747	0751	65.4		ARS	BC	9K70	A3E	047	E	00	24	N	35	159	B		
RUS	ARKHANGELSK	17730.000	21	04	0815	0825	32.0	Radio Saudi	ARS	BC	2K35	A3E							171	B		
KOR	CRMS	17730.000	25	05	0705	0705	14.1		CHN	BC		A3E										6
HNG	TARNOK	17730.000	28	06	0400	0600	23.0	CRI	CHN	BC	9K99	A3E										
HNG	TARNOK	17730.000	28	06	0500	0600	21.4	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	17734.998	28	06	0830	0927	14.3	CRI	CHN	BC	10K0E	A3E										
RUS	IRKUTSK	17735.000	21	04	0200	0230	6.0		CHN	BC		A3E	121	E	24	24	N	48	149	A		
INS	MSPA-SAMARINDA	17740.000	16	04	0542	0545	43.7	CRI	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17740.000	16	04	0636	0639	43.5	CRI	CHN	BC	9K00E	A3E										
RUS	IRKUTSK	17740.000	21	04	0400	0430	8.0		CHN	BC		A3E	108	E	45	33	N	57	170	A		
RUS	SMOLENSK	17740.000	21	04	0530	0630	22.0		CHN	BC	2K99	A3E	108	E	45	33	N	56	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
RUS	NYAGAN	17740.000	21	04	0622	0628	21.0		CHN		4K04	A3E	108	E	05	33	N	50	117	A		
RUS	VERHNEYE DUBROVO	17740.000	21	04	0622	0628	21.0		CHN		4K04	A3E	108	E	05	33	N	50	105	A		
RUS	NOVOSIBIRSK	17740.000	21	04	0630	0700	22.0		CHN	BC		A3E	108	E	18	34	N	02	129	A		
HNG	TARNOK	17740.000	28	06	0400	0800	16.1	CRI	CHN	BC	9K99	A3E										
RUS	MOROZOVSK	17750.000	21	04	0700	0715	33.0		CHN	BC	1K00	A3E							82	C		
RUS	NOVOSIBIRSK	17750.000	21	04	0700	0730	24.0		CHN	BC		A3E	108	E	27	34	N	16	129	A		
RUS	ARKHANGELSK	17750.000	21	04	1002	1017	35.0	CRI	CHN	BC	452H	A3E							124	B		
KOR	CRMS	17750.000	24	04	0943	0943	19.8	CRI	CHN	BC		A3E									3	
HNG	TARNOK	17750.000	28	06	0700	0757	14.1	CRI	CHN	BC	10K0E	A3E										
HNG	TARNOK	17750.002	28	06	0900	1055	28.0	CRI	CHN	BC	10K0E	A3E										
INS	MSKH-KUPANG	17760.000	16	04	0105	0109	18.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
INS	MSCK-TANGERANG	17760.000	16	04	0430	0500		SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17760.000	16	04	0545	0548	42.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17760.000	16	04	0639	0643	40.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17760.000	21	04	0530	0630	12.0		IRN	BC	2K99	A3E	051	E	30	31	N	19	142	B		
RUS	ARKHANGELSK	17760.000	21	04	1010	1022	19.0	Radio Kuwait	KWT	BC	2K74	A3E							168	B		
KOR	CRMS	17760.000	25	04	1247	1247	21.6		KWT	BC		A3E									6	
KOR	CRMS	17760.000	16	05	1237	1237	25.7		KWT	BC		A3E									6	
HNG	TARNOK	17760.000	30	06	0530	0557	21.2	RRO	ROU	BC	9K67	A3E										
KOR	CRMS	17760.000	30	06	1038	1038	25.8		KWT	BC		A3E									6	
INS	MSPA-SAMARINDA	17770.000	16	04	0548	0550	40.1	CNR 1	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17770.000	16	04	0643	0646	38.5	CNR 1	CHN	BC	9K00E	A3E										
J	TOKYO	17770.000	19	04	0511				CHN	BC		D7W	109	E	55	19	N	11	246	B		
RUS	BELGOROD	17770.000	21	04	0800	0808	64.9		CHN	BC	9K70	X7E	108	E	55	19	N	00	91	B		
HNG	TARNOK	17770.013	30	06	1400	1458	48.4	VOT	TUR	BC	10K0	A3E										
HNG	TARNOK	17770.751	30	06	0700	0900	16.4	CRI	CHN	BC	10K2	W7E										DRM
HNG	TARNOK	17775.002	30	06	1030	1100	46.9	IBB/VOA	CVA	BC	10K3	A3E										
G	BALDOCK	17780.000	04	04	0951			?	CHN	BC		A3E							65	A		
G	BALDOCK	17780.000	09	04	1806			BBC WORLD SERVICE	G	BC		A3E							194	B		ASCENSION TX SITE
INS	MSKH-KUPANG	17780.000	16	04	0006	0010	36.2	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
INS	MSPA-SAMARINDA	17780.000	16	04	0120	0127	41.6	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17780.000	16	04	0444	0449	45.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
INS	MSCK-TANGERANG	17780.000	16	04	0530	0600		SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17780.000	16	04	0550	0552	42.8	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17780.000	16	04	0646	0649	41.9	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										
RUS	ARKHANGELSK	17780.000	21	04	1015	1025	21.0		CHN	BC	2K56	A3E							102	B		
RUS	YAKUTSK	17780.000	21	04	1030	1100	75.0		CHN	BC	1K41	A3E	114	E	25	38	N	14	208	A		
RUS	SAMARA	17780.000	21	04	1030	1100	25.0		CHN	BC	10K0	A3E	120	E	42	24	N	23	105	A		
RUS	BELGOROD	17780.000	21	04	1400	1405	57.9		G	BC	9K10	A3E							234	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	17780.000	22	04	1258	1258	46.9		CHN	BC		A3E									6	
KOR	CRMS	17780.000	05	05	0107	0107	18.5		CHN	BC		A3E									6	
KOR	CRMS	17780.000	07	06	0446	0446	15.0		CHN	BC		A3E									6	
INS	MSPA-SAMARINDA	17785.000	16	04	0449	0452	40.1	VOICE OF AMERICA	PHL	BC	9K00E	A3E										
HNG	TARNOK	17785.004	30	06	0400	0500	24.3	IBB/VOA	PHL	BC	10K0E	A3E										
G	BALDOCK	17790.000	04	04	1031			VATICAN RADIO	CVA	BC		A3E							135	A		SANTA MARIA
INS	MSKH-KUPANG	17790.000	16	04	0510	0513	9.6	ADVENTIST WORLD RADIO	MDG	BC	9K00E	A3E										SITE TALATA-VOLONONDRY
INS	MSPA-SAMARINDA	17790.000	16	04	0552	0554	40.2	ADVENTIST WORLD RADIO	CHN	BC	9K00E	A3E										
RUS	SMOLENSK	17790.000	21	04	0530	0630	24.0		CLN	BC	2K99	A3E	081	E	03	08	N	29	121	B		
HNG	TARNOK	17790.004	30	06	0500	0630	38.2	AWR	MDG	BC	10K0	A3E										
G	BALDOCK	17800.000	05	04	1742			DEUTCHE WELLE	F	BC		A3E							152	B		ISSOUDUN TX
RUS	SMOLENSK	17800.000	21	04	0630	0730	23.0		MDG	BC	2K99	A3E	047	E	33	18	S	07	165	B		
RUS	S. PETERSBURG	17800.000	21	04	1615	1700	33.0			BC	12K7	A3E							198	C		
KOR	CRMS	17800.000	16	05	1238	1238	31.2		D	BC		A3E									6	
J	TOKYO	17800.000	29	06	1103				KRE				125	E	03	40	N	09	295	B		
INS	MSKH-KUPANG	17810.000	16	04	0154	0156	36.2	NHK WORLD RADIO JAPAN	J	BC	9K00E	A3E										SITE IBARAGI-KOGA-YAMATA
INS	MSKH-KUPANG	17820.000	16	04	0205	0207	23.0	RADIO PILIPINAS	PHL	BC	9K00E	A3E										SITE TINANG
RUS	NOVOSIBIRSK	17820.000	21	04	0130	0200	30.0		PHL	BC		A3E	120	E	46	15	N	08	129	A		
G	BALDOCK	17830.000	05	04	1743			BBC WORLD SERVICE	G	BC		A3E							196	B		ASCENSION TX
J	TOKYO	17830.000	13	04	0712			CHINA N.R.		BC		D7W	087	E	54	43	N	43	298	B		
INS	MSPA-SAMARINDA	17830.000	16	04	0554	0557	42.9	CNR 1	CHN	BC	9K00E	A3E										
INS	MSPA-SAMARINDA	17830.000	16	04	0649	0652	39.8	CNR 1	CHN	BC	9K00E	A3E										
J	TOKYO	17830.000	19	04	0513			CHINA N.R.		BC		D7W	087	E	42	43	N	46	298	A		
INS	MSCK-TANGERANG	17840.000	16	04	0600	0630		R.AUSTRALIA	AUS	BC	9K00E	A3E										
RUS	SMOLENSK	17840.000	21	04	0630	0730	48.0		CHN	BC	2K99	A3E	075	E	55	39	N	14	100	B		
RUS	MOROZOVSK	17840.000	21	04	0715	0730	35.0		CHN	BC	3K00	A3E							98	C		
RUS	BELGOROD	17840.000	21	04	0808	0815	57.2		CHN	BC	10K6	A3E	076	E	14	39	N	12	97	B		
RUS	ARKHANGELSK	17840.000	21	04	0818	0829	27.0		CHN	BC	2K65	A3E							123	B		
KOR	CRMS	17840.000	24	04	0944	0944	10.7	CRI	CHN	BC		A3E									3	
KOR	CRMS	17845.000	16	05	1238	1238	26.6		UAE	BC		A3E									6	
KOR	CRMS	17845.000	27	06	1248	1248	21.3		CHN	BC		A3E									6	
G	BALDOCK	17850.000	09	04	1809			RADIO FRANCE INTERNATIONAL	F	BC		A3E							158	B		ISSOUDUN TX SITE
INS	MSKH-KUPANG	17850.000	16	04	0603	0605	12.3	RADIO FRANCE INT.	F	BC	9K00E	A3E										SITE ISSOUDUN
RUS	S. PETERSBURG	17850.000	21	04	1845	1900	19.0		F	BC		A3E							244	C		
RUS	VERHNEYE DUBROVO	17850.000	22	04	0949	1000	43.0		F		3K48	A3E	002	E	43	47	N	32	280	A		
RUS	NYAGAN	17850.000	22	04	0949	1000	43.0		F		3K48	A3E	002	E	43	47	N	32	277	A		
RUS	VERHNEYE DUBROVO	17850.000	22	04	1000	1007	40.0		THA		3K97	A3E	103	E	29	17	N	38	125	A		
RUS	NYAGAN	17850.000	22	04	1000	1007	40.0		THA		3K97	A3E	103	E	29	17	N	38	132	A		
RUS	S. PETERSBURG	17850.000	22	04	1030	1040	23.0		THA	BC		A3E							96	C		

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	17850.000	22	04	1050	1100	25.0	Radio Thailand	THA	BC	2K86	A3E							107	B		
RUS	S. PETERSBURG	17850.000	22	04	1900	1920	28.0		E	BC		A3E							242	C		
INS	MSKH-KUPANG	17850.000	23	06	0130	0133	49.9	VOICE OF AMERICA	PHL	BC	9K00E	A3E										SITE TINANG
RUS	NOVOSIBIRSK	17855.000	22	04	0400	0430	32.0		CHN	BC		A3E	116	E	45	39	N	53	110	A		
RUS	SAMARA	17855.000	22	04	0455	0557	29.0		CHN	BC	7K60	A3E	116	E	48	39	N	44	80	A		
RUS	SMOLENSK	17855.000	22	04	0530	0630	5.0		CHN	BC	2K99	A3E	115	E	59	39	N	39	69	B		
G	BALDOCK	17855.000	20	05				RADIO EXTERIOR DE ESPANA	E	BC		A3E	003	W	25	39	N	57	180	B		NOBVLEJAS TX SITE
RUS	IRKUTSK	17865.000	22	04	0130	0200	29.0		PHL	BC		A3E	120	E	44	15	N	20	155	A		
RUS	NOVOSIBIRSK	17865.000	22	04	0130	0200	28.0		PHL	BC		A3E	120	E	44	15	N	20	129	A		
RUS	SAMARA	17865.000	22	04	0455	0500	19.0		PHL	BC	6K00	A3E	120	E	37	15	N	22				
RUS	SMOLENSK	17865.000	22	04	0530	0630	48.0		CHN	BC	2K99	A3E	076	E	04	39	N	21	99	B		
RUS	ARKHANGELSK	17865.000	22	04	0600	0610	36.0	China Radio Int.	CHN	BC	1K89	A3E							93	B		
RUS	YAKUTSK	17865.000	22	04	0700	0730	90.0		CHN	BC	11K6	A3E	109	E	14	33	N	45	214	A		
RUS	BELGOROD	17865.000	22	04	0715	0718	58.3		CHN	BC	7K30	A3E	109	E	00	33	N	27	79	B		
RUS	SAMARA	17865.000	22	04	0800	0900	31.0		CHN	BC	10K0	A3E	109	E	18	32	N	27	91			
INS	MSKH-KUPANG	17865.000	23	06	0133	0135	34.3	VOICE OF AMERICA	PHL	BC	9K00E	A3E										SITE TINANG
RUS	SMOLENSK	17870.000	22	04	0900	1000	10.0		IND	BC	1K80	A3E	077	E	29	11	N	46	124	B		
G	BALDOCK	17880.000	05	04	1745			CHINA RADIO INTERNATIONAL	MLI	BC		A3E							189	A		BAMAKO II TX SITE
G	BALDOCK	17880.000	11	04	1433			RADIO AZADI (RADIO FREE AFGHANISTAN)	THA	BC		A3E							69	A		UDON THANI TX SITE
RUS	SAMARA	17880.000	22	04	0500	0530	17.0		THA	BC	7K80	A3E	103	E	12	17	N	40	112	A		
RUS	SMOLENSK	17880.000	22	04	0530	0630	8.0		THA	BC	2K99	A3E	103	E	08	17	N	42	95	B		
RUS	ARKHANGELSK	17880.000	22	04	0620	0630	13.0	Radio Azadi	THA	BC	2K98	A3E							107	B		
RUS	BELGOROD	17880.000	22	04	0718	0722	56.2		THA	BC	9K80	A3E	103	E	07	17	N	08	97	B		
RUS	MOROZOVSK	17880.000	22	04	0800	0815	38.0		CBG	BC	9K00	A3E	104	E	32	14	N	07	101	C		
RUS	SMOLENSK	17880.000	22	04	0900	1000	16.0		THA	BC	1K21	A3E	103	E	27	15	N	57	97	B		
RUS	VERHNEYE DUBROVO	17880.000	22	04	0941	0949	32.0		THA		2K09	A3E	103	E	24	14	N	58	125	A		
RUS	NYAGAN	17880.000	22	04	0941	0949	32.0		THA		2K09	A3E	103	E	24	14	N	58	133	A		
RUS	S. PETERSBURG	17880.000	22	04	1040	1050	20.0		THA	BC		A3E							96	C		
INS	MSCK-TANGERANG	17890.000	19	04	0100	0130		CNR 1	CHN	BC	9K00E	A3E										
RUS	YAKUTSK	17890.000	22	04	0210	0240	60.0		CHN	BC	10K2	A3E	115	E	11	33	N	36	205	A		
RUS	SAMARA	17890.000	22	04	0500	0600	24.0		CHN	BC	5K50	A3E	116	E	48	39	N	44	81	A		
RUS	SMOLENSK	17890.000	22	04	0900	1000	6.0		CHN	BC	1K21	A3E	115	E	46	39	N	26	68	B		
KOR	CRMS	17890.000	24	04	0945	0945	21.7	CNR	CHN	BC		A3E									3	
INS	MSKH-KUPANG	17890.000	23	06	0135	0137	31.7	CNR 1 Voice Of China	CHN	BC	9K00E	A3E										SITE BEIJING
INS	MSCK-TANGERANG	17895.000	19	04	0130	0200		R.SAUDI	ARS	BC	9K00E	A3E										
RUS	VERHNEYE DUBROVO	17895.000	22	04	1225	1231	31.0		ARS		10K2	A3E	046	E	01	24	N	21	207	B		
RUS	SMOLENSK	17895.000	22	04	1300	1400	25.0		IND	BC	591H	A3E	076	E	31	11	N	11	124	B		
RUS	NYAGAN	17895.000	22	04	1331	1335	29.0		ARS		3K00	A3E	046	E	09	23	N	50	208	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
G	BALDOCK	17895.000	02	05	1349			RADIO SAUDI	ARS	BC		A3E							109	A		RIYADH TX
J	TOKYO	17919.000	06	04	0903			GUAM		FA		J2D										
J	TOKYO	17919.000	13	04	0718			GUAM		FA		J2D										
J	TOKYO	17919.000	19	04	0517			GUAM		FA		J2D										
J	TOKYO	17919.000	29	06	0011			GUAM		FA		J2D										
RUS	SMOLENSK	17920.000	22	04	0900	1000	6.0		CHN	FD	2K99	J7D	112	E	48	27	N	06	81	B		
INS	MSCK-TANGERANG	17920.570	19	04	0230	0300		Unknown		FX	3K00E	H3E										
G	BALDOCK	17928.000	05	04	1748			(TELDE GRAN CANARIA)	E	FD		J1D							211	A		1800 BD ARINC HFDL
J	TOKYO	17958.000	19	04	0519			MUAN		FA		J2D	126	E	38	35	N	03	271	B		
J	TOKYO	17958.000	22	06	0022			MUAN		FA		J2D										
RUS	SMOLENSK	17968.000	22	04	0900	1000	7.0		CHN	FD	2K99	J7D	110	E	53	28	N	24	81	B		
RUS	SMOLENSK	18010.000	22	04	0900	1000	7.0		CHN	BC	2K99	A3E	075	E	55	39	N	13	100	B	11	
INS	MSCK-TANGERANG	18041.150	19	04	0600	0700		Unknown		FX	3K00E	J3E										
J	TOKYO	18045.000	28	06	2346				KRE				126	E	15	39	N	48	295	A		
J	TOKYO	18060.000	13	04	0750				AUS			F3C	120	E	38	23	S	38	200	A		
J	TOKYO	18060.000	19	04	0601				AUS			F3C	119	E	31	25	S	15	201	B		
J	TOKYO	18060.000	22	06	0131			VMW				F3C	116	E	28	31	N	56	201	B		
J	TOKYO	18060.000	28	06	2348			VMW				F3C							200	A		
RUS	BELGOROD	18065.000	23	04	0744	0750	32.1		CYP	LR	42K7		032	E	55	34	N	50	191	B		
RUS	S. PETERSBURG	18079.000	23	04	1129	1130	20.0	OK2PVF	CZE	AT		A1A							223	B		
RUS	SMOLENSK	18080.000	23	04	0630	0730	5.0		CHN	BC	2K99	A3E	075	E	52	39	N	02	100	B	11	
INS	MSCK-TANGERANG	18090.150	20	04	0100	0130		Unknown		FX	3K00E	H3E										
RUS	S. PETERSBURG	18101.500	23	04	0810	0840	20.0		UKR	FX		F7B							162	C		
RUS	YAKUTSK	18102.000	23	04	0343	0350	53.0		J		2K01		135	E	24	34	N	46	170	A		
INS	MSCK-TANGERANG	18104.320	20	04	0130	0200		Unknown		FX	3K00E	J3E										
RUS	BELGOROD	18130.000	23	04	1050	1057	18.2		BUL	AT	3K30	J3E	023	E	33	43	N	12	235	B		
J	TOKYO	18135.000	28	06	2351				KRE				126	E	29	40	N	03	296	A		
J	TOKYO	18179.760	10	06	0417			SOUND OF HOPE		BC		A3E	121	E	32	24	N	38	241	B	11	TAIWAN
J	TOKYO	18179.840	28	06	2353			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	18179.890	06	04	1006			SOUND OF HOPE		BC		A3E	121	E	34	24	N	08	240	B	11	TAIWAN
INS	MSPA-SAMARINDA	18180.000	20	04	0011	0016	43.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
KOR	CRMS	18180.000	24	04	0945	0945	24.7		CHN	BC		A3E							53		11	
KOR	CRMS	18180.000	22	05	0042	0042	15.2		CHN	BC		A3E									11	
J	TOKYO	18199.790	10	06	0421			SOUND OF HOPE		BC		A3E	126	E	25	33	N	25	263	A	11	KOR
J	TOKYO	18199.790	22	06	0138			SOUND OF HOPE		BC		A3E	126	E	40	33	N	27	263	B	11	KOR
J	TOKYO	18199.850	27	04	0417			SOUND OF HOPE		BC		A3E	126	E	33	33	N	21	263	B	11	KOR
INS	MSPA-SAMARINDA	18200.000	20	04	0016	0025	41.5	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E									11	
G	BALDOCK	18365.000	11	04	1441			6WW (DAKAR)	SEN	MO		G1D							206	A		
G	BALDOCK	18366.800	06	06	2100			6WW (DAKAR)	SEN	FX		G1D							206	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	18367.000	26	04	1000	1100	6.0		SEN	FX	2K99	J7D	015	W	11	14	N	35	243	B		
J	TOKYO	18370.000	22	06	0148				USA			F1B	144	E	50	13	N	33	168	A		GUM
J	TOKYO	18370.010	06	04	1014				USA			F1B	144	E	39	13	N	23	169	A		GUM
J	TOKYO	18370.010	27	04	0419				USA			F1B	144	E	42	13	N	24	169	B		GUM
INS	MSCK-TANGERANG	18370.520	21	04	0500	0530		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	18423.470	21	04	0600	0630		Unknown		FX	3K00E	J3E										
J	TOKYO	18485.000	28	06	2357				KRE				126	E	32	39	N	51	295	A		
RUS	SMOLENSK	18495.000	27	04	0900	1000	6.0		DJI	FX	2K99	J7D	042	E	47	11	N	49	165	B		
G	BALDOCK	18495.300	11	04	1446			FUV (DJIBOUTI)	DJI	FX		G1D							123	A		DJIBOUTI STANAG 4285
RUS	BELGOROD	18495.300	27	04	0625	0627	10.4		DJI		2K60	G1D	043	E	05	11	N	24	170	B		
INS	MSCK-TANGERANG	18526.780	22	04	0230	0300		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	18552.400	27	04	0847	0947	15.0		AUS	FX	694H	F1B	131	E	30	12	S	47	90	B		
INS	MSKH-KUPANG	18558.000	22	04	0330	0335	53.0	UNKNOWN		FX	100HE	F1B										SITOR
J	TOKYO	18558.000	27	04	0423				USA			F1B	155	W	42	19	N	28	88	B		HWA
G	BALDOCK	18570.000	11	04	1448			CYPRUS PULSE	CYP	LR		P0N							114	A		CYPRUS PULSE
J	TOKYO	18600.000	19	04	0620				F				165	E	30	21	S	17	153	B		NCL
J	TOKYO	18600.000	29	06	0001				RUS			F1B	132	E	05	43	N	14	323	A		
INS	MSKH-KUPANG	18621.000	22	04	0335	0340	8.9	UNKNOWN		FX	2K80E	J3E										
INS	MSCK-TANGERANG	18643.100	22	04	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSKH-KUPANG	18650.000	22	04	0340	0343	55.0	UNKNOWN		FX	2K80E	J3E										
J	TOKYO	18679.690	13	04	0808			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	18696.000	10	06	0426							F1B							300	B		
RUS	SMOLENSK	18696.010	28	04	0830	0930	14.0		KGZ	FX	388H	F1B	075	E	08	42	N	44	96	B		
INS	MSCK-TANGERANG	18760.580	23	04	0430	0500		Unknown		FX	3K00E	H3E										
INS	MSKH-KUPANG	18792.500	23	04	0120	0125	4.2	UNKNOWN		MS	2K80E	J3E										UNKNOWN LANGUAGE
INS	MSCK-TANGERANG	18823.450	23	04	0600	0630		Unknown		FX	3K00E	J3E										
J	TOKYO	18848.500	19	04	0629				AUS				145	E	46	18	S	58	173	B		
J	TOKYO	18895.000	27	04	0428			CHINA N.R.		BC		A3E									11	
J	TOKYO	18899.580	10	06	0500			SOUND OF HOPE		BC		A3E	120	E	21	23	N	52	241	B	11	TAIWAN
RUS	S. PETERSBURG	18900.000	27	04	0650	0700	33.0		CHN	BC	10K3	A3E							77	B		
RUS	YAKUTSK	18900.000	29	04	0930	1000	60.0		CHN	BC	1K02	A3E	111	E	39	37	N	36	213	A		
J	TOKYO	18900.000	10	06	0436				CHN	BC		A3E	109	E	51	19	N	48	247	A		
INS	MSCK-TANGERANG	18950.620	26	04	0400	0430		Unknown		FX	3K00E	H3E										
INS	MSKH-KUPANG	18970.000	26	04	0315	0320	12.2	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										Site Miaoli
INS	MSPA-SAMARINDA	18970.000	26	04	2330	2340	42.7	CNR 1 Voice Of China	CHN	BC	9K00E	A3E									11	
INS	MSPA-SAMARINDA	18970.000	26	04	2340	2350	43.4	SOH Xi Wang Zhi Sheng		BC	9K00E	A3E									11	
RUS	S. PETERSBURG	18970.000	27	04	0715	0730	28.0		CHN	BC	17K1	A3E							90	B		
RUS	YAKUTSK	18970.000	29	04	0700	0730	53.0		CHN	BC	2K98	A3E	113	E	22	37	N	10	210	A		
RUS	SAMARA	18970.000	29	04	0830	0900	32.0		CHN	BC	10K0	A3E	120	E	42	24	N	23	68	A		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
J	TOKYO	18980.000	13	04	0814							A1A							224	A		
J	TOKYO	18980.000	27	04	0431							A1A							222	C		
J	TOKYO	18980.000	29	06	0009			7CJ				A1A							223	B		
INS	MSCK-TANGERANG	19003.210	26	04	0600	0700		Unknown		FX	3K00E	J3E										
G	BALDOCK	19053.500	02	05	1320			?	TUR	FC		G1D							114	A		
INS	MSCK-TANGERANG	19090.150	27	04	0100	0130		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	19100.100	27	04	0130	0200		Unknown		FX	3K00E	H3E										
J	TOKYO	19170.000	10	06	0448				RUS			J2D	131	E	08	49	N	05	336	B		
J	TOKYO	19179.850	13	04	0754			SOUND OF HOPE		BC		A3E									11	
J	TOKYO	19210.000	29	06	0020							F1B										
INS	MSCK-TANGERANG	19265.300	27	04	2330	2400		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	19350.650	28	04	0400	0430		Unknown		FX	3K00E	H3E										
G	BALDOCK	19422.000	06	06	2009			?	RUS	LR		P0N							68	A		
RUS	YAKUTSK	19456.000	05	05	0139	0150	62.0		CHN		464H	F1B	115	E	02	44	N	51	213	A		
RUS	SMOLENSK	19524.210	05	05	0930	1030	6.0		EGY	FX	2K99	J7D	030	E	18	30	N	08	184	B		
J	TOKYO	19560.000	13	04	0830				CHN	BC		A3E	108	E	52	34	N	18	276	A		
INS	MSCK-TANGERANG	19580.170	29	04	0530	0600		Unknown		FX	3K00E	J3E										
RUS	ARKHANGELSK	19602.000	05	05	0755	0805	11.0		G	FC	5K00	FXX							266	B		
INS	MSCK-TANGERANG	19617.610	29	04	0600	0630		Unknown		FX	3K00E	J3E										
RUS	ARKHANGELSK	19635.000	05	05	0810	0820	14.0			FC	400H	FXX							345	B		
J	TOKYO	19727.610	29	06	0031				RUS			F1B	132	E	07	43	N	15	322	A		
INS	MSCK-TANGERANG	19733.310	30	04	0300	0330		Unknown		FX	3K00E	H3E										
G	BALDOCK	19741.200	20	05	2019			STANAG 4285	POR	FX		G1D							210	A		
G	BALDOCK	19744.800	20	05	2020			?	POR	FX		G1D							208	A		SECURE
INS	MSCK-TANGERANG	19798.470	30	04	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	19955.420	03	05	0400	0430		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	19961.360	03	05	0430	0500		Unknown		FX	3K00E	J3E										
J	TOKYO	19983.990	29	06	0039				RUS			F1B	132	E	06	43	N	15	322	A		
INS	MSPA-SAMARINDA	20003.000	03	05	0335	0340	2.4	Unknown		FX	2K70E	J3E										USB
J	TOKYO	20048.100	19	04	0647			A				A1A										
J	TOKYO	20048.200	22	06	0214			F				A1A	132	E	00	43	N	37	323	B		
INS	MSPA-SAMARINDA	20077.000	04	05	0105	0110	3.6	Unknown		FX	2K70E	J3E										USB
INS	MSCK-TANGERANG	20103.140	04	05	0130	0200		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	20130.000	11	05	0930	1030	21.4		CYP	FX	400H	F1B	033	E	02	34	N	48	178	B		
RUS	BELGOROD	20130.000	11	05	0940	0943	25.5		CYP	LR	27K0		032	E	55	34	N	50	191	B		
INS	MSCK-TANGERANG	20143.670	04	05	0330	0400		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	20196.000	11	05	0830	0930	6.0		CYP	FX	2K99		032	E	57	35	N	10	178	B		
INS	MSPA-SAMARINDA	20253.000	05	05	0340	0345	4.1	Unknown		FX	2K70E	J3E										USB
RUS	BELGOROD	20270.000	12	05	0607	0614	16.9		CYP	LR	22K6		032	E	55	34	N	50	191	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	20270.000	12	05	0630	0730	17.2		CYP	FX	400H	F1B	033	E	02	34	N	48	178	B		
INS	MSCK-TANGERANG	20355.330	05	05	0400	0430		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	20427.570	05	05	0600	0630		Unknown		FX	3K00E	H3E										
J	TOKYO	20469.000	19	04	0653				AUS			F3C	144	E	34	24	S	42	175	B		
J	TOKYO	20469.000	27	04	0448				AUS			F3C	144	E	59	37	S	13	176	B		
INS	MSCK-TANGERANG	20510.100	06	05	0200	0230		Unknown		FX	3K00E	J3E										
RUS	S. PETERSBURG	20536.000	13	05	0630	0645	10.0		TUR	FX		F1B							185	C		
RUS	SMOLENSK	20536.020	13	05	1130	1230	5.0		D	FX	395H	F1B	012	E	44	54	N	28	276	B		
INS	MSCK-TANGERANG	20545.200	06	05	0330	0400		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	20640.000	13	05	1130	1230	5.0		GRC	FX	400H	F1B	023	E	48	37	N	56	202	B		
INS	MSPA-SAMARINDA	20659.000	07	05	0615	0620	2.3	Unknown		FX	2K70E	J3E										USB
INS	MSCK-TANGERANG	20730.700	07	05	0300	0330		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	20794.300	07	05	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	20903.610	10	05	0130	0200		Unknown		FX	3K00E	J3E										
G	BALDOCK	20919.800	06	06	2027			?	G	FX		G1D							197	B		
INS	MSCK-TANGERANG	21027.180	10	05	0600	0700		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	21049.000	10	05	0530	0540	6.0	Unknown		AT	1K00E	A1A										MORSE
RUS	SMOLENSK	21075.000	18	05	0530	0630	5.0		SVN	AT	1K75	F1B	017	E	34	48	N	33	241	B		
RUS	SMOLENSK	21082.990	18	05	1130	1230	4.0		I	AT	345H	F1B	041	E	59	12	N	06	234	B		
INS	MSCK-TANGERANG	21083.720	11	05	0030	0100		Unknown		FX	3K00E	J3E										
J	TOKYO	21113.000	22	06	0131				RUS			F1B	131	E	33	43	N	30	322	A		
INS	MSPA-SAMARINDA	21160.000	11	05	0510	0515	4.6	Unknown		AT	2K70E	J3E										USB
INS	MSCK-TANGERANG	21178.170	11	05	0500	0530		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	21179.000	11	05	0120	0125	9.3	Unknown		AT	2K70E	J3E										USB
INS	MSPA-SAMARINDA	21187.000	11	05	0115	0120	9.4	Unknown		AT	2K70E	J3E										USB
INS	MSPA-SAMARINDA	21189.000	11	05	0320	0325	1.8	Unknown		AT	2K70E	J3E										USB
INS	MSPA-SAMARINDA	21191.000	11	05	0515	0520	3.6	Unknown		AT	2K70E	J3E										USB
INS	MSPA-SAMARINDA	21192.000	11	05	0135	0140	5.0	Unknown		AT	2K70E	J3E										USB
INS	MSPA-SAMARINDA	21245.000	11	05	0550	0600	4.6	Unknown		AT	2K70E	J3E										USB
INS	MSKH-KUPANG	21267.000	11	05	0559	0603	2.4		J	AT	2K80E	J3E										ROLL CALL JAPANESE LANGUAGE
RUS	SMOLENSK	21267.000	19	05	1030	1130	5.0		E	AT	2K00	J3E	007	W	44	43	N	16	262	B		
INS	MSCK-TANGERANG	21290.400	12	05	0100	0130		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	21365.350	12	05	0430	0500		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	21437.000	12	05	0335	0340	16.0	Unknown		AT	2K70E	J3E										USB
RUS	SMOLENSK	21455.000	20	05	1130	1230	6.0		CHN	BC	2K95	A3E	120	E	36	23	N	34	77	B		
KOR	CRMS	21480.000	15	05	1207	1207	29.6		MDG	BC		A3E										6
RUS	YAKUTSK	21505.000	20	05	0410	0440	65.0		CHN	BC	13K2	A3E	121	E	25	41	N	53	197	A		
RUS	SMOLENSK	21505.000	20	05	1330	1430	11.0		ARS	BC	2K85	A3E	046	E	39	24	N	29	155	B		
KOR	CRMS	21505.000	26	05	0414	0414	7.8	AGM	USA	BC		A3E										3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
KOR	CRMS	21505.000	16	06	0425	0425	44.0	AGM	USA	BC		A3E									3	
RUS	SMOLENSK	21505.010	20	05	0400	0500	6.0		CHN	BC	2K60	A3E	109	E	12	18	N	25	89	B		
RUS	ARKHANGELSK	21520.000	21	05	1030	1045	10.0	China Radio Int.	CHN	BC	2K96	A3E							91	B		
G	BALDOCK	21525.000	14	06	2020			WRMI	USA	BC		A3E							280	A		OKEECHOBEE
RUS	BELGOROD	21550.000	20	05	0550	0555	35.1		ROU	BC	9K60	A3E	026	E	28	44	N	58	234	B		
RUS	MOROZOVSK	21565.000	20	05	1030	1045	39.0		CHN	BC	9K00	A3E	109	E	42	19	N	08	93	B		
INS	MSPA-SAMARINDA	21580.000	13	05	0555	0600	36.0	VOICE OF AMERICA	PHL	BC	9K00E	A3E										CHINESE LANGUAGE
G	BALDOCK	21580.000	28	06	1857			R. FRANCE INT	F	BC		A3E							155	B		ISSOUDUN TX SITE
INS	MSKH-KUPANG	21610.000	11	05	0300	0323	37.8	VOICE OF AMERICA	PHL	BC	9K00E	A3E										SITE TINANG
RUS	SMOLENSK	21630.000	20	05	0530	0630	25.0		CHN	BC	2K99	A3E	076	E	15	39	N	09	100	B		
KOR	CRMS	21640.000	14	04	0510	0510	15.2		PHL	BC		A3E									6	
INS	MSPA-SAMARINDA	21650.000	14	05	0600	0605	19.3	VOICE OF AMERICA	PHL	BC	9K00E	A3E										CHINESE LANGUAGE
RUS	SMOLENSK	21650.000	20	05	0530	0600	34.2		CHN	BC	11K1	A3E	109	E	08	18	N	55	89	B		
RUS	BELGOROD	21650.000	20	05	0555	0558	37.4		CHN	BC	11K1	A3E	108	E	55	19	N	00	91	B		
KOR	CRMS	21670.000	20	04	0908	0908	19.0		ARS	BC		A3E									6	
G	BALDOCK	21670.000	26	04	1002			R. SAUDI INTERNATIONAL	ARS	BC		A3E							110	A		RIYADH TX
RUS	SMOLENSK	21670.000	21	05	0830	0930	14.0		ARS	BC	2K99	A3E	046	E	36	24	N	18	155	B		
INS	MSPA-SAMARINDA	21689.000	14	05	0605	0610	54.1	R.FREE ASIA	CHN	BC	9K00E	A3E										
INS	MSKH-KUPANG	21690.000	11	05	0607	0615	23.2	R.FREE ASIA	USA	BC	9K00E	A3E										SITE TINIAN ISLAND NORTHERN MARIANA ISLAND
INS	MSPA-SAMARINDA	21690.000	14	05	0540	0545	16.8	R.FREE ASIA	CHN	BC	9K00E	A3E										
KOR	CRMS	21690.000	20	05	0608	0608	50.1	AGM	USA	BC		A3E									3	
RUS	SMOLENSK	21690.000	21	05	0530	0630	23.0		CHN	BC	2K98	A3E	087	E	21	43	N	36	84	B		
RUS	BELGOROD	21690.000	21	05	0540	0545	51.0		CHN	BC	8K20	A3E	120	E	50	24	N	30	78	B		
RUS	VERHNEYE DUBROVO	21695.000	21	05	0852	0859	36.0		CHN		6K18	A3E	109	E	07	19	N	04	116	A		
RUS	NYAGAN	21695.000	21	05	0858	0859	36.0		CHN		6K18	A3E	109	E	07	19	N	04	125	A		
RUS	YAKUTSK	21695.000	21	05	1025	1100	77.0		PHL	BC	5K43	A3E	121	E	13	15	N	07	191	A		
RUS	MOROZOVSK	21695.000	21	05	1030	1045	39.0		CHN	BC	9K00	A3E	108	E	30	28	N	07	86	C		
RUS	BELGOROD	21695.000	21	05	1050	1055	40.5		CHN	BC	9K90	A3E	117	E	27	27	N	41	78	B		
KOR	CRMS	21695.000	11	06	0927	0927	52.5	AGM	PHL	BC		A3E									3	
J	TOKYO	21764.000	13	04	0805				RUS			F1B	083	E	56	54	N	54	315	B		
RUS	SMOLENSK	21764.000	21	05	1430	1530	5.0		KGZ	FX	398H	F1B	074	E	10	42	N	50	96	B		
RUS	S. PETERSBURG	21764.000	21	05	1505	1520	19.0		CHN	FX	387H	F1B							105	C		
KOR	CRMS	21800.000	25	04	0821	0821	14.7		CHN	BC		A3E									6	
INS	MSKH-KUPANG	21800.000	07	05	0200	0230	17.6	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
INS	MSKH-KUPANG	21800.000	11	05	0329	0353	27.7	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										SITE MIAOLI
INS	MSPA-SAMARINDA	21800.000	14	05	0545	0600	20.1	SOH Xi Wang Zhi Sheng	CHN	BC	9K00E	A3E										CHINESE LANGUAGE
RUS	SMOLENSK	21800.000	21	05	0730	0830	6.0		CHN	BC	2K95	A3E	109	E	08	18	N	55	89	B		
RUS	VERHNEYE DUBROVO	21800.000	21	05	0827	0831	12.0		CHN		7K46	A3E	128	E	06	48	N	08	73	A		
RUS	NYAGAN	21800.000	21	05	0830	0831	12.0		CHN		7K46	A3E	128	E	06	48	N	08	83	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	21800.000	21	05	0935	1005	4.0		CHN	BC		A3E	118	E	49	26	N	22	153	A		
RUS	YAKUTSK	21800.000	21	05	1100	1135	76.0		CHN	BC	10K3	A3E	109	E	50	18	N	25	207	A		
RUS	BELGOROD	21800.000	21	05	1225	1228	39.3		CHN	BC	10K0	A3E	108	E	55	19	N	00	91	B		
KOR	CRMS	21800.000	23	05	0709	0709	6.3		CHN	BC		A3E									6	
G	BALDOCK	21800.000	25	05	0535			SOH XI WANG ZHI SHENG	CHN	BC		A3E							73	A		
KOR	CRMS	21800.000	11	06	0928	0928	63.1		CHN	BC		A3E									6	
J	TOKYO	21928.000	13	04	0820			GUAM		FA		J2D										
J	TOKYO	21928.000	27	04	0419			GUAM		FA		J2D	144	E	38	13	N	23	169	B		
J	TOKYO	21928.000	10	06	0423			GUAM		FA		J2D										
J	TOKYO	21928.000	22	06	0141			GUAM		FA		J2D										
J	TOKYO	21931.000	19	04	0607			MUAN		FA		J2D	126	E	51	35	N	03	271	B		
J	TOKYO	21931.000	27	04	0420			MUAN		FA		J2D	126	E	26	34	N	58	271	B		
J	TOKYO	21937.000	19	04	0608			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	27	04	0423			MOLOKAI		FA		J2D	155	W	49	19	N	18	88	B		
J	TOKYO	21937.000	10	06	0426			MOLOKAI		FA		J2D										
J	TOKYO	21937.000	22	06	0141			MOLOKAI		FA		J2D										
J	TOKYO	21949.000	19	04	0608			HAT YAI		FA		J2D	100	E	12	07	N	46	242	B		
J	TOKYO	21949.000	27	04	0425			HAT YAI		FA		J2D	100	E	41	07	N	01	241	B		
J	TOKYO	21949.000	10	06	0428			HAT YAI		FA		J2D										
RUS	SMOLENSK	21984.000	24	05	1030	1130	8.0		QAT	FD	2K99	N0N							147	B		
INS	MSCK-TANGERANG	21990.510	17	05	0600	0700		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	22044.730	17	05	0600	0700		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	22135.470	18	05	0300	0330		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	22199.260	18	05	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	22272.500	19	05	0000	0030		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	22345.610	19	05	0330	0400		Unknown		FX	3K00E	J3E										
J	TOKYO	22376.000	22	06	0146			NMO		FC		F1B							90	A		
RUS	SMOLENSK	22387.500	26	05	1330	1430	6.0		GRC	FC	300H	F1B	025	E	12	40	N	52	201	B		
RUS	SMOLENSK	22449.000	25	05	0430	0530	5.0		DJI	FC	2K99	G1D	042	E	45	11	N	17	165	B		
RUS	SMOLENSK	22449.000	27	05	0430	0530	5.0		DJI	FC	2K99	G1D	042	E	45	11	N	17	165	B		
RUS	SMOLENSK	22450.000	26	05	0530	0630	10.0		CYP	FC	19K9	P0N	033	E	02	34	N	48	178	B		
RUS	SMOLENSK	22450.000	27	05	0530	0630	10.0		CYP	FC	19K9	P0N	033	E	02	34	N	48	178	B		
J	TOKYO	22471.000	06	04	1032							F1B										
INS	MSPA-SAMARINDA	22471.000	20	05	0605	0610	9.4			MS	1K00E	F1B										
INS	MSCK-TANGERANG	22600.170	20	05	0600	0630		Unknown		FX	3K00E	H3E										
J	TOKYO	22611.480	29	06	0009			HLF		FC		A1A	126	E	41	37	N	19	283	B		
J	TOKYO	22611.510	27	04	0437			HLF		FC		A1A	126	E	17	36	N	50	280	B		
J	TOKYO	22611.510	10	06	0436			HLF		FC		A1A										
J	TOKYO	22611.510	22	06	0148			HLF		FC		A1A										

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	22611.520	19	04	0618			HLF		FC		A1A										
INS	MSCK-TANGERANG	22621.310	20	05	0600	0630		Unknown		FX	3K00E	J3E										
J	TOKYO	22621.800	27	04	0440				AUS			J2B	128	E	51	17	S	07	193	A		
INS	MSCK-TANGERANG	22656.110	20	05	2300	2330		Unknown		FX	3K00E	J3E										
G	BALDOCK	22684.500	25	05	0435			?	POR	FC		G1D							213	A		
RUS	BELGOROD	22684.550	28	05	0557	0600	4.2			MS	3K30		017	W	08	31	N	23	265	B		
INS	MSCK-TANGERANG	22757.280	21	05	0400	0430		Unknown		FX	3K00E	J3E										
INS	MSPA-SAMARINDA	22909.000	24	05	0550	0600	15.4			FX	1K00E	F1B										
J	TOKYO	22910.000	06	04	1043							F1B							249	D		
J	TOKYO	22910.000	19	04	0622							F1B							251	C		
J	TOKYO	22910.000	27	04	0444				G			F1B	072	E	26	07	S	25	250	B		DGA
RUS	SMOLENSK	22910.000	31	05	1045	1145	8.0		BIO	FX	2K98	F1B	071	E	43	04	S	19	137	B		
INS	MSCK-TANGERANG	22990.400	24	05	0600	0700		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	23044.300	24	05	0600	0700		Unknown		FX	3K00E	H3E										
RUS	BELGOROD	23060.000	01	06	0625	0635	26.0		MDA	BC	9K80	A3E	029	E	19	47	N	12	237	B	11	
INS	MSCK-TANGERANG	23130.600	25	05	0300	0330		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	23199.250	25	05	0600	0630		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	23452.000	03	06	0730	0830	5.0		KGZ	FX	400H	F1B	073	E	59	42	N	37	97	B		
INS	MSCK-TANGERANG	23523.200	27	05	0230	0300		Unknown		FX	3K00E	J3E										
RUS	BELGOROD	23590.000	03	06	0627	0630	46.0		CYP	LR	26K5		032	E	55	34	N	50	191	B		
INS	MSCK-TANGERANG	23597.500	27	05	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	23835.400	28	05	0600	0630		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	23847.100	28	05	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	23900.250	31	05	0130	0200		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	23954.100	31	05	0400	0430		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	23989.300	07	06	1130	1230	6.0	CYPRUS PULSE	CYP	FX	400H	P0N	033	E	15	35	N	12	177	B		
INS	MSCK-TANGERANG	24334.340	02	06	0300	0330		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	24390.500	02	06	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	24520.000	03	06	0230	0300		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	24590.000	03	06	0600	0630		Unknown		FX	3K00E	J3E										
RUS	S. PETERSBURG	24645.025	10	06	1045	1115	28.0		PAK	FX									124	B		
INS	MSCK-TANGERANG	24830.000	04	06	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	24840.000	04	06	0600	0630		Unknown		FX	3K00E	H3E										
RUS	MOROZOVS	24890.000	15	06	0730	0731	24.0		F	FX	1K00	A1A	003	E	34	45	N	58	279	C		
RUS	SMOLENSK	24916.000	15	06	0630	0730	5.0	UNKNOWN		AT	100H	N0N	050	E	58	24	N	35	232	B		
RUS	SMOLENSK	24917.100	15	06	0630	0730	5.0		CHN	AT	100H	A1A	119	E	16	33	N	03	71	B		
RUS	SMOLENSK	24926.020	15	06	0630	0730	5.0		F	AT	400H	F1B	045	E	57	00	N	25	259	B		
INS	MSCK-TANGERANG	24933.100	07	06	0300	0330		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	24974.300	07	06	0500	0530		Unknown		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
INS	MSCK-TANGERANG	25110.500	08	06	0200	0230		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	25163.710	16	06	1130	1230	4.0		BLR	FX	1K60	A3E	030	E	13	54	N	33	255	B		
RUS	MOROZOVSK	25174.500	16	06	0800	0815	33.0		CHN	FX	2K00	F7B	116	E	53	17	N	34	89	C		
INS	MSCK-TANGERANG	25201.200	08	06	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSKH-KUPANG	25363.000	09	06	0144	0200	7.8			MS	2K80E	J3E										CHINESE LANGUAGE
INS	MSCK-TANGERANG	25367.200	09	06	0430	0500		Unknown		FX	3K00E	J3E										
INS	MSKH-KUPANG	25412.000	09	06	0205	0227	11.6			MS	2K80E	J3E										JAVANESE LANGUAGE
INS	MSCK-TANGERANG	25423.150	09	06	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	25504.550	10	06	0130	0200		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	25540.250	10	06	0330	0400		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	25771.300	11	06	0500	0530		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	25793.100	11	06	0600	0630		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	25800.000	21	06	0630	0730	5.0		CHN	AT	100H	A1A	103	E	18	37	N	29	79	B		
RUS	SMOLENSK	25953.990	22	06	0630	0730	5.0		CHN	AT	100H	A1A	076	E	46	36	N	15	71	B		
INS	MSCK-TANGERANG	26110.000	15	06	0200	0230		Unknown		FX	3K00E	J3E										
RUS	MOROZOVSK	26200.000	23	06	0610	0625	43.0		IRN	FX	5K00	F1B	050	E	24	34	N	24	151	C		
RUS	SMOLENSK	26200.900	23	06	1130	1230	4.0		PAK	FX	1K60	A3E	067	E	56	25	N	38	123	B		
INS	MSCK-TANGERANG	26208.100	15	06	0600	0630		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	26305.000	24	06	0730	0830	4.0		FIN	FX	150H	A3E	025	E	54	65	N	34	346	B		
INS	MSCK-TANGERANG	26366.200	16	06	0430	0500		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	26420.900	24	06	1130	1230	6.0		TUR	FX	400H	P0N	039	E	23	38	N	17	160	B		
INS	MSCK-TANGERANG	26424.600	16	06	0600	0630		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	26465.000	25	06	0530	0630	5.0		ROU	FX	950H	J3E	023	E	47	44	N	02	209	B		
INS	MSCK-TANGERANG	26500.600	17	06	0130	0200		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	26545.500	17	06	0330	0400		Unknown		FX	3K00E	J3E										
RUS	MOROZOVSK	26620.000	25	06	1050	1105	42.0		IND	FX	2K00	F1B	025	E	53	25	N	53	121	C		
RUS	SMOLENSK	26696.500	28	06	0430	0530	4.0		POL	FX	1K50	J3E	023	E	40	53	N	05	253	B		
INS	MSCK-TANGERANG	26771.800	18	06	0500	0530		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	26796.400	18	06	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	26886.600	21	06	0030	0100		Unknown		FX	3K00E	J3E										
RUS	SMOLENSK	26904.500	29	06	1030	1130	4.0		POL	FX	1K30	J3E	020	E	04	53	N	54	267	B		
RUS	SMOLENSK	26964.500	29	06	1130	1230	4.0		BLR	FX	1K60	A3E	027	E	33	54	N	42	269	B		
INS	MSCK-TANGERANG	27007.800	21	06	0600	0700		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	27122.350	22	06	0230	0300		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	27173.450	22	06	0500	0530		Unknown		FX	3K00E	J3E										
INS	MSKH-KUPANG	27305.000	23	06	0420	0425	6.5		INS	FX	2K80E	J3E										
INS	MSCK-TANGERANG	27315.700	23	06	0200	0230		Unknown		FX	3K00E	H3E										
INS	MSCK-TANGERANG	27349.500	23	06	0330	0400		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	27484.750	24	06	0030	0100		Unknown		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
INS	MSCK-TANGERANG	27592.300	24	06	0600	0630		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	27723.100	25	06	0230	0300		Unknown		FX	3K00E	J3E										
INS	MSCK-TANGERANG	27817.150	25	06	0600	0630		Unknown		FX	3K00E	J3E										