



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



June 2010

Peter Young VK3MV

Reports for June have been received from ARSI, NZART, JARL and WIA.

This month there were 1333 observations made the highlights being:

JARL reports the usual intrusions from broadcast stations in Russia, North Korean and China as well the numerous 40 meter CW beacon stations located in Magadan, Vladivostok and Petropavlovs.

NZART, JARL and WIA report various Over the Horizon Radar systems in or around the 40, 20, metre bands. With improved propagation conditions on HF intrusions in the higher bands are being detected that has global consequences.

Last month the WIA reported detection of intermods/spurious emissions into 20 meters from Voice of America (VOA) transmitters located in Tinang, Philippines. These were reported to the Australian regulator (the ACMA) who has raised the matter with the US authorities. Formal advice is that some spurious emissions have been fixed, but VK4TJ reports that others emissions are still detectable. The frequencies detected concerned are: 14005, 14135, 14215, 14290, 4310, 14115, 14340 kHz,

Last month the NZART reported intermods into the 160 meter band from a local broadcast station. This matter has now been resolved.

As part on preparation work for the next ITU WRC in 2012, where the IARU is monitoring agenda item 1.23 - *To consider an allocation of about 15 kHz in parts of the band 415-526.5 kHz to the amateur service on a secondary basis, taking into account the need to protect existing services*, a request has been sent out for observers in Region 3 for reports of active Navtex transmitters in their country or regional area that use 490 kHz and 518 kHz respectively. Preliminary reports have been received.

For those who would like a CSV file of data please email me at: yk3mv@wia.org.au

Thank you to all the regional observers for their reports. Keep them coming.

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	
1804.8		2010	6	29	1000		A1A					EW0	DRIFTNET BEACON	QG52XI	WIA	
1806.0		2010	6	28	0955		A1A					ND5	DRIFTNET BEACON	QG52XI	WIA	
1806.8		2010	6	21	0830		A1A					2AEGH	DRIFTNET BEACON	QG52XI	WIA	
1819.8		2010	6	21	0830		A1A					2AFQR	DRIFTNET BEACON	QG52XI	WIA	
1831.0		2010	6	28	0955		A1A					2AHAO	DRIFTNET BEACON	QG52XI	WIA	
3560.0	6	2010	6	26	1935		A3E				KRE		IN SPANISH Foreign Language, Music	QG52XI	WIA	
3560.0	6	2010	6	4	0900		A3E	1hr				Unid	Music		WIA	
3560.0	6	2010	6	6	0900		A3E	1hr				Unid	Music		WIA	
3560		2010	06	DY	<0900>	0900-2100	A3E				KRE	Voice of Korea	B-C Station Korean Talk and Music	RF72LQ	NZART	ZL1BAD
3560	3	2010	06	01	1010		A3E			321	KRE	Vo Korea	Music		JARL	Kujang
3560	5	2010	06	01	1214		A3E			321	KRE	Vo Korea	Music		JARL	Kujang
3560	5	2010	06	01	1440		A3E			321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560	5	2010	06	01	1516		A3E			321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560	3	2010	06	02	1014		A3E			321	KRE	Vo Korea	Music		JARL	Kujang
3560	5	2010	06	02	1218		A3E			321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560	5	2010	06	02	1930		A3E			321	KRE	Vo Korea	Spanish Talk and Music		JARL	Kujang
3560	3537.5	2010	06	02	21:08	<21:08>	A3E 3				KRE		VOICE,MUSIC		JARL	
3560	3	2010	06	03	1030		A3E			321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560	5	2010	06	03	1214		A3E			321	KRE	Vo Korea	Music		JARL	Kujang
3560	5	2010	06	03	1504		A3E			321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560	3	2010	06	03	2030		A3E			321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560	3537.5	2010	06	03	21:15	<21:15>	A3E 3				KRE		VOICE,MUSIC		JARL	
3560	3	2010	06	04	1030		A3E			321	KRE	Vo Korea	Music		JARL	Kujang
3560	3	2010	06	04	1220		A3E			321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560	5	2010	06	04	1504		A3E			321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560	5	2010	06	04	2030		A3E			321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560	3537.5	2010	06	04	21:41	<21:41>	A3E 3				KRE		VOICE,MUSIC		JARL	
3560	3	2010	06	05	1020		A3E			321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560	5	2010	06	05	1220		A3E			321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang

3560	5	2010	06	05	1504		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	3	2010	06	05	2030	anytime	A3E	321	KRE	Vo Korea	French Talk and Music	PM97	JARL	Kujang
3560	6	2010	06	05		22:56					News in English language	JARL		
3560	3	2010	06	06	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	06	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	06	1504		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	06	2008		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	06	2039	<20:39>	A3E 3		KRE		VOICE	JARL		
3560	3	2010	06	07	1024		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	07	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	07	1512		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	07	1930		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	07	2050	<20:50>	A3E 3		KRE		MUSIC	JARL		
3560	3	2010	06	08	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	08	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	08	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	08	20:14	<20:14>	A3E 3		KRE		VOICE	JARL		
3560	6	2010	06	08		04:24					Music	JARL		
3560	3	2010	06	09	1016		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	09	1212		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	09	1508		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	09	1904		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	09	20:45	<20:45>	A3E 3		KRE		VOICE	JARL		
3560	3	2010	06	10	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	10	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	10	1504		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	10	1812		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	10	2008		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	

3560	3537.5	2010	06	10	20:42	<20:42>	A3E 3		KRE		VOICE,MUSIC	JARL	
3560	3	2010	06	11	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	11	1218		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	11	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	11	1904		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	11	21:00	<21:00>	A3E 3		KRE		VOICE,MUSIC	JARL	
3560	6	2010	06	11		05:32					Music	JARL	
3560	3	2010	06	12	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	12	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	12	1506		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	12	1924		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3	2010	06	12	2030		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3537.5	2010	06	12	20:28	<20:28>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	13	1028		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	13	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	13	1504		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3	2010	06	13	2020		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3537.5	2010	06	13	20:15	<20:15>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	14	1026		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	14	1234		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	14	1514		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	14	1904		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	14	21:11	<21:11>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	15	1030		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	15	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	15	1526		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	15	1930		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	15	20:24	<20:24>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	16	1030		A3E	321	KRE	Vo Korea	Korean Talk and	JARL	Kujang

3560	5	2010	06	16	1216		A3E	321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang
3560	5	2010	06	16	1506		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	16	1904		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	16	20:40	<20:40>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	17	1016		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	17	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	17	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	17	1904		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	17	20:15	<20:15>	A3E 3		KRE		VOICE	JARL	
3560	5	2010	06	18	1112		A3E	321	KRE	Vo Korea	Chaineese Talk and Music	JARL	Kujang
3560	5	2010	06	18	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	18	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	18	1906		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	18	21:44	<21:44>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	19	1030		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	19	1212		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	19	1506		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	19	1918		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	19	21:15	<21:15>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	20	1024		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	20	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	20	1506		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	20	1910		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	20	21:28	<21:28>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	21	1016		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	21	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	21	1504		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang

3560	5	2010	06	21	1808		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3537.5	2010	06	21	19:51	<19:51>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	22	1014		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	22	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	22	1514		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	22	1908		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3537.5	2010	06	22	20:42	<20:42>	A3E 3		KRE		VOICE,MUSIC	JARL	
3560	3	2010	06	23	1022		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	23	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	23	1506		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3	2010	06	23	2008		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3537.5	2010	06	23	20:40	<20:40>	A3E 3		KRE		VOICE,MUSIC	JARL	
3560	3	2010	06	24	1022		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	24	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	24	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	24	1806		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3537.5	2010	06	24	20:28	<20:28>	A3E 3		KRE		VOICE,MUSIC	JARL	
3560	3	2010	06	25	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	25	1218		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	25	1506		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	25	1816		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3537.5	2010	06	25	20:51	<20:51>	A3E 3		KRE		VOICE	JARL	
3560	3	2010	06	26	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	26	1212		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010	06	26	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010	06	26	1808		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3537.5	2010	06	26	20:52	<20:52>	A3E 3		KRE		VOICE,MUSIC	JARL	
3560	5	2010	06	27	1514		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang

3560	5	2010	06	27	1806		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	27	20:33	<20:33>	A3E 3		KRE		VOICE,MUSIC	JARL		
3560	3	2010	06	28	1020		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	28	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	28	1510		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	28	1906		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	28	20:54	<20:54>	A3E 3		KRE		VOICE,MUSIC	JARL		
3560	3	2010	06	29	1018		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	29	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	29	1508		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	29	1810		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	29	22:19	<22:19>	A3E 3		KRE		VOICE	JARL		
3560	3	2010	06	30	1030		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	30	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560	5	2010	06	30	1508		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560	5	2010	06	30	1914		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560	3537.5	2010	06	30	20:45	<20:45>	A3E 3		KRE		VOICE,MUSIC	JARL		
3585.0	3	2010	6	25	1930		J1C				FAX, DAILY	QG52XI	WIA	
3620.0		2010	6	30	1950		A1A				NUMBER CIPHER	QG52XI	WIA	
3623.0	3	2010	6	11	0945		J1C				FAX	QG52XI	WIA	
3650.0	3	2010	6	26	1930		J3E/U				ASIAN	QG52XI	WIA	
3745		2010	06	18	<0730>	0730	A3E		?	Unid	Fishing boats verified as Japanese speakers	RE68XL	NZART	ZL2TZE
3775.0	40	2010	6	26	1930		PXX				OTHR	QG52XI	WIA	
7000.0	3	2010	6	1	0900		J3E/U		INS		DAILY, VILLAGE RADIO	QG52XI	WIA	
7000		2010	06	DY	<0500>	0500-0900	J3E/L		?	Unid	Non Amateurs	RF72LQ	NZART	ZL1BAD
7000		2010	06	DY	<0500>	0500-0900	J3E/U		?	Unid	Non Amateurs	RF72LQ	NZART	ZL1BAD
7000	175k	2010	06	DY	<1050>	1050-1930	PXX		CHN	Unid	Out of Band OTHR with spill over to 7010 - Not every day	RF72LQ	NZART	ZL1BAD

7001.9		2010	06	30	<0100-0110>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7005.0	3	2010	6	1	0900	J3E/L		INS		DAILY, VILLAGE RADIO	QG52XI	WIA		
7005.0	3	2010	6	1	1005	J3E/U		INS		DAILY, VILLAGE RADIO	QG52XI	WIA		
7005		2010	06	03	<0125-0135>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7007.0	3	2010	6	9	0850	J3E/U		PHL?			QG52XI	WIA		
7008		2010	06	24	<0040-0050>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7009.5		2010	06	03	<0135-0145>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7010.0	3	2010	6	1	0900	J3E/L		INS		DAILY, VILLAGE RADIO	QG52XI	WIA		
7015.0	3	2010	6	2	1020	J3E/L		INS		DAILY, VILLAGE RADIO	QG52XI	WIA		
7015.0	3	2010	6	2	1020	J3E/U		INS		VILLAGE RADIO	QG52XI	WIA		
7015		2010	06	02	<0255-0300>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7015		2010	06	16	<0335-0345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7016.65		2010	06	26	<1030>	1930	A3E	?	Unid	Cantonese speaking non amateurs one S7 and the other S9+10 Fishing	RF80HL	NZART	ZL2iFB	

7017		2010	06	04	<0015-0025>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7017		2010	06	30	<0100-0110>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7020.0	3	2010	6	21	0820	J3E/L		INS		VILLAGE RADIO	QG52XI	WIA
7023.0	3	2010	6	9	0840	J3E/L		INS		VILLAGE RADIO	QG52XI	WIA
7023	34	2010	06	10	1820	PXX		non	non	7006KHz ~ 7040KHz wide pulse mode PXX OTHR ?		JARL non
7023	34	2010	06	28	1912	PXX		non	non	7006KHz ~ 7040KHz wide pulse mode PXX OTHR ?		JARL non
7025.0	3	2010	6	12	0825	J3E/U		INS		DAILY, VILLAGE RADIO	QG52XI	WIA
7030.0	3	2010	6	28	0800	J3E/U		INS		VILLAGE RADIO	QG52XI	WIA
7036		2010	06	19	<1815>	F1B/N0N	250	RUS	Unid	Closed at 1828 after long period of carrier only	RF72LQ	NZART ZL1BAD
7036		2010	06	24	<1945>	N0N		?	Unid	Carrier only	RF72LQ	NZART ZL1BAD
7038.7		2010	6	1	0850	A1A		RU	M	DAILY, M BEACON	QG52XI	WIA
7038.9		2010	6	10	1930	A1A		RU	S	DAILY, S BEACON	QG52XI	WIA
7039.0		2010	6	1	0850	A1A		RU	K	DAILY, K BEACON	QG52XI	WIA
7039.0		2010	6	1	1930	A1A		RU	C	DAILY, C BEACON	QG52XI	WIA
7039.0		2010	06	DY	<0500>	A1A		RUS	RIW	Moscow - Beacon C	RF72LQ	NZART ZL1BAD
7039		2010	06	DY	<0500>	A1A		RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART ZL1BAD
7039		2010	06	DY	<0500>	A1A		RUS	RJS	Vladivistok - Beacon F	RF72LQ	NZART ZL1BAD
7039		2010	06	DY	<0500>	A1A		RUS	RMP	Kaliningrad - Beacon P	RF72LQ	NZART ZL1BAD
7039	0.5	2010	06	01	0012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	01	0108	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	01	0216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	01	0344	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	01	0714	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	01	1004	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	01	1006	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs

7039	0.5	2010	06	01	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	01	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	01	1444	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	01	1446	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	01	1506	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	01	1508	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	01	2304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	0012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	0014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	0126	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	0232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	0328	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	0332	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	0712	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	1006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	1008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	1206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	02	1210	anytime	314	RUS	K--signal	Beacon	PM97	JARL	Petropavlovs
7039	0.5	2010	06	02	1924	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	1926	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	02	2222	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	02	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	0014	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	0112	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	0208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	0332	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	0738	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	0738	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	03	1006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	1008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	03	1010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	03	1206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	03	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	03	1506	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	1508	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	03	1510	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	03	2036	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	2038	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	03	2224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	03	2304	A1A	15	RUS	M--signal	Beacon	JARL	Vladivostok	

7039	0.5	2010	06	04	0014	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	0106	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	0220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	0312	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	0726	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	0728	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	04	1004	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	1006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	04	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	04	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	04	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	04	1506	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	1508	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	04	1510	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	04	2032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	2034	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	04	2220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	04	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	0012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	0108	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	0218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	0312	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	0724	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	0726	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	05	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	1010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	05	1012	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	05	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	05	1214	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	05	1506	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	1508	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	05	1510	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	05	2034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	2036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	05	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	05	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	06	0010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	06	0108	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	06	0206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	06	0314	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2010	06	06	0318	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	06	0712	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	06	0714	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	06	1008	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	06	1010	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	06	1012	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	06	1208	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	06	1210	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	06	1212	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	06	1506	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	06	1508	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	06	1510	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	06	2012	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	06	2230	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	06	2310	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	0018	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	0114	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	0212	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	0306	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	0706	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	0708	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2010	06	07	1006	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	1008	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	07	1010	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	07	1208	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	1210	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	07	1520	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	1522	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	07	1524	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	07	1932	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	1934	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	07	2214	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	07	2304	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	0008	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	0116	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	0430	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	0708	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	0710	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	08	1006	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	1008	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	08	1010	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	08	1206	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	

7039	0.5	2010	06	08	1208	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	08	1210	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	08	1516	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	08	1518	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	08	2234	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	08	2318	A1A	anytime	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2010	06	09	0008	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	0106	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	0214	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	0310	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	0708	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	0710	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	09	1006	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	1008	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	09	1206	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	1208	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	09	1512	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	1514	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	09	1906	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	1908	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	09	2220	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	09	2304	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	0012	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	0106	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	0218	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	0308	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	0706	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	0708	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	10	1008	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	1010	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	10	1210	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	1212	A1A	anytime	314	RUS	K--signal	Beacon	PM97	JARL	Petropavlovs
7039	0.5	2010	06	10	1214	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	10	1506	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	1508	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	10	1510	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	10	1814	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	1816	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	10	1818	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	10	2010	A1A		321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	10	2012	A1A		15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	10	2014	A1A		314	RUS	K--signal	Beacon	JARL	Petropavlovs	

7039	0.5	2010	06	10	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	10	2306	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	0016	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	0106	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	0220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	0332	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	0712	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	0714	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	11	1006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	11	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	11	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	11	1512	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	1514	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	11	1516	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	11	1908	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	1910	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	11	2212	A1A	321	KRE	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	11	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	0010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	0108	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	0214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	0322	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	0714	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	1006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	12	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	12	1508	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	1510	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	12	1926	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	1928	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	12	2032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	2034	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	12	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	12	2304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	13	0008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	13	0106	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	13	0214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	13	0336	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	13	0818	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	13	0820	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	13	1006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	13	1008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2010	06	13	1010	anytime	A1A	314	RUS	K--signal	Beacon	PM97	JARL	Petropavlovs
7039	0.5	2010	06	13	1208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	13	1210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	13	1212		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	13	1506		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	13	1508		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	13	2022		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	13	2024		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	13	2216		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	13	2304		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	0010		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	0108		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	0216		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	0326		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	0716		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	1006		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	1008		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	14	1010		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	14	1208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	1210		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	14	1212		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	14	1506		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	1508		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	14	1510		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	14	1906		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	14	1908		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	14	2214	anytime	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2010	06	14	2302		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	0010		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	0106		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	0216		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	0336		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	0830		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	1010		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	1012		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	15	1208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	1210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	15	1520		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	1522		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	15	1932		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	1934		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	15	2214		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	15	2304		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	16	0008		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	16	0118		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok

7039	0.5	2010	06	16	0212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	0714	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	1010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	16	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	16	1508	anytime	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2010	06	16	1510	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	16	1906	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	1908	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	16	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	16	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	0012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	0108	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	0214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	0312	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	1004	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	1006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	17	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	17	1214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	1216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	17	1218	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	17	1512	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	1514	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	17	1906	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	1908	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	17	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	17	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	0006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	0114	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	1106	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	1108	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	18	1206	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	18	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010	06	18	1512	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	1514	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	18	1908	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	1910	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010	06	18	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	18	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	19	0012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	19	0706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2010	06	19	1006	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	

7039	0.5	2010	06	19	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	19	1206	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	19	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	19	1508	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	19	1510	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	19	1920	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	19	1922	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	19	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	19	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	0014	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	20	1010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	20	1214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	1216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	20	1508	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	20	1510	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	1912	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	20	1914	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	20	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	0010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	0710	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	0712	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	21	1006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	21	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	21	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	21	1506	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	21	1508	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	1510	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	21	1810	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	21	1812	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	1814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	21	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	21	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	22	0012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	22	1006	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	22	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	22	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	22	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	22	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	22	1506	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	22	1508	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2010	06	22	1510	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	22	1910	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	22	1912	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	22	1914	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	22	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	22	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	23	0014	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	23	1006	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	23	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	23	1010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	23	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	23	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	23	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	23	1508	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	23	1510	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	23	1512	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	23	2010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	23	2012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	23	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	2306	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	0706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	1006	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	1008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	24	1010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	24	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	24	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	24	1512	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	24	1514	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	1516	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	24	1808	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	24	1810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	24	2310	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	25	0708	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	25	1012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	25	1014	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	25	1016	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	25	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	25	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	25	1212	anytime	15	RUS	M--signal	Beacon	PM97	Magadan
7039	0.5	2010	06	25	1508	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	25	1510	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	25	1512	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	25	1818	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs

7039	0.5	2010	06	25	1820	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	25	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	25	2304	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	26	0720	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	26	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	26	1010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	26	1026	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	26	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	26	1512	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	26	1414	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	26	1810	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	26	2224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	26	2306	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	27	1516	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	27	1518	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	27	1808	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	27	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	27	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	27	2306	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	28	0016	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	28	1010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	28	1012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	28	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	28	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	28	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	28	1512	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	28	1514	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	28	1908	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	28	1910	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	28	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	29	1008	A3E	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	29	1010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	29	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	29	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	29	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	29	1510	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	29	1512	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	29	1812	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	29	1814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010	06	29	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	29	2306	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	30	1010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	30	1012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2010	06	30	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010	06	30	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2010	06	30	1212		A1A		15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010	06	30	1510		A1A		314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	30	1512		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	30	1916		A1A		314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010	06	30	1918		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	30	2216		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2010	06	30	2306		A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039.10	0.5	2010	06	08		04:12						Train of " C "		JARL	
7039.2		2010	6	1	0850		A1A			RU	F	DAILY, F BEACON	QG52XI	WIA	
7039.24	0.5	2010	06	11		05:29						train of " K "		JARL	
7039.3		2010	06	DY	<0500>	0500-1900	A1A			RUS	RCC	Petropavlovsk - Beacon K	RF72LQ	NZART	ZL1BAD
7039.4		2010	06	DY	<0500>	0500-1900	A1A			RUS	RTS	Magadan - Beacon M	RF72LQ	NZART	ZL1BAD
7039.48	0.5	2010	06	05		22:53						Train of " F "		JARL	
7039.50	0.5	2010	06	11		05:25						train of " F "		JARL	
7039.50	0.5	2010	06	11		05:26						train of " M "		JARL	
7039.52	0.5	2010	06	08		04:09						Train of " F "		JARL	
7039.53	0.5	2010	06	05		22:51						Train of " M "		JARL	
7039.53	0.5	2010	06	05		22:51						Train of " K "		JARL	
7039.57	0.5	2010	06	19		18:01						tarin of " F "		JARL	
7039.61	0.5	2010	06	08		04:14						Train of " K "		JARL	
7039.69	0.5	2010	06	08		04:10						Train of " M "		JARL	
7039.87	0.5	2010	06	19		18:00						train of " T "		JARL	
7039.9		2010	06	DY	<0500>	0500-1900	A1A			RUS	RIT	Severomorsk - Beacon S 7036KHz ~ 7070KHz wide pulse mode PXX OTHR ?	RF72LQ	NZART	ZL1BAD
7049	34	2010	06	01	1510		PXX		non	non	non			JARL	non
7050.0	50	2010	6	3	0925		PXX					OTHR	QG52XI	WIA	
7053.9	1	2010	6	5	1950		F1B						QG52XI	WIA	
7054		2010	06	DY	<0300>	0300-2100	F1B	250		RUS	Unid	Idling sigs only RELAYING A COMMERCIAL AM OR FM STATION (ENGLISH, PROBABLY AUSTRALIAN)	RF72LQ	NZART	ZL1BAD
7056.3	3	2010	6	5	1950		J3E/U						QG52XI	WIA	
7060.0	40	2010	6	26	1940		PXX					OTHR	QG52XI	WIA	
7060	60k	2010	06	26	<1900>	1900-1930	PXX			?	Unid	85 PPS OTHR SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	RF72LQ	NZART	ZL1BAD
7065		2010	06	03	<0215-0215>		J3E/U			CLN	UNID		MK82	ARSI	

7065		2010	06	16	<0335-0345>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM 7066KHz ~ 7100KHz wide pulse mode PXX OTHR ?	MK82	ARSI		
7073	34	2010	06	13	1512		PXX	non	non	non			JARL	non	
7080	20k	2010	06	11	<1840>	1840-1930	PXX		?	Unid	5 PPS OTHR	RF72LQ	NZART	ZL1BAD	
7080	20k	2010	06	17	<1945>	1945	PXX		?	Unid	5 PPS OTHR FISHBOATS, ENGINE NOISE	RF72LQ	NZART	ZL1BAD	
7085.0	3	2010	6	2	0845		J3E/U		CHN		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52XI	WIA		
7091.3		2010	06	17	<0240-0250>		J3E/U		CLN	UNID	ABOUT 20 CARRIERS ON 250 HZ SPACING	MK82	ARSI		
7099.0	5	2010	6	5	1950		G7D				85 PPS (See 7165 also) OTHR	QG52XI	WIA		
7100	60k	2010	06	28	<1000>	1000-1020	PXX		?	Unid	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	RF72LQ	NZART	ZL1BAD	
7101		2010	06	17	<0240-0250>		J3E/U		CLN	UNID		MK82	ARSI		
7102.5	3	2010	6	3	0725		G7D					QG52XI	WIA		
7105	3	2010	06	01	2228		A3E	273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot	
7105	3	2010	06	01	2232		A3E	non	CHN	non PBS Nei Meng	Chainese Talk and Music		JARL	non	
7105	3	2010	06	02	2216		A3E	273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot	
7105	3	2010	06	02	2218		A3E	non	CHN	non PBS Nei Meng	Chainese Talk and Music		JARL	non	
7105	3	2010	06	03	2216		A3E	273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot	
7105	3	2010	06	03	2218		A3E	non	CHN	non PBS Nei Meng	Chainese Talk and Music		JARL	non	
7105	3	2010	06	04	2216		A3E	273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot	
7105	3	2010	06	04	2218		A3E	non	CHN	non	Chainese Talk and Music		JARL	non	
7105	3	2010	06	04	2258		A3E	273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT		JARL	Hohhot	

7105	3	2010	06	05	2212		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	05	2214		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	05	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT	JARL	Hohhot	
7105	3	2010	06	06	2224		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	06	2226		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	07	2208		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	07	2210		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	07	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT	JARL	Hohhot	
7105	3	2010	06	08	2228		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	08	2230		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	09	2216		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	09	2218		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	09	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT	JARL	Hohhot	
7105	3	2010	06	10	2206		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	10	2208		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	11	2206	anytime	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	PM97	JARL	Hohhot
7105	3	2010	06	11	2208		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	12	2210		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	12	2212		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	13	2212		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	13	2214		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	
7105	3	2010	06	14	2208		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot	
7105	3	2010	06	14	2210		A3E		non	CHN	non	Chainese Talk and Music	JARL	non	

7105	3	2010	06	15	2210	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	15	2212	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	16	2214	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	16	2216	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	16	2258	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT	JARL	Hohhot
7105	3	2010	06	17	2208	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	17	2210	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	18	2204	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	18	2206	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	19	2206	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	19	2208	A3E		non	CHN	non	Chainese Talk and music	JARL	non
7105	3	2010	06	20	2206	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	20	2208	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	21	2204	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	21	2206	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	21	2258	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT	JARL	Hohhot
7105	5	2010	06	22	2204	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	22	2206	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	22	2258	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT	JARL	Hohhot
7105	3	2010	06	23	2208	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	23	2210	A3E		non	CHN	non	Chainese Talk and Music	JARL	non
7105	3	2010	06	24	2204	A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music	JARL	Hohhot
7105	3	2010	06	24	2206	A3E		non	CHN	non	Chainese Talk and Music	JARL	non

7105	3	2010	06	25	2206		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot
7105	3	2010	06	25	2208		A3E		non	CHN	non PBS Nei Meng	Chainese Talk and Music		JARL	non
7105	3	2010	06	26	2218		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot
7105	3	2010	06	26	2220		A3E		non	CHN	non	Chainese Talk and Music		JARL	non
7105	3	2010	06	26	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT		JARL	Hohhot
7105	3	2010	06	27	2210		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot
7105	3	2010	06	27	2212	anytime	A3E		non	CHN	non	Chainese Talk and Music	PM97	JARL	non
7105	3	2010	06	27	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT		JARL	Hohhot
7105	3	2010	06	28	2206		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot
7105	3	2010	06	28	2208		A3E		non	CHN	non	Chainese Talk and Music		JARL	non
7105	3	2010	06	28	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT		JARL	Hohhot
7105	3	2010	06	29	2204		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot
7105	3	2010	06	29	2206	anytime	A3E		non	CHN	non	Chainese Talk and Music	PM97	JARL	non
7105	3	2010	06	29	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT		JARL	Hohhot
7105	3	2010	06	30	2212		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music		JARL	Hohhot
7105	3	2010	06	30	2214		A3E		non	CHN	non	Chainese Talk and Music		JARL	non
7105	3	2010	06	30	2258		A3E		273	CHN	PBS Nei Meng	Chainese Talk and Music 23:00 UTC Time signal 5+1 2sc late after QRT		JARL	Hohhot
7110.0	6	2010	06	5	1930		A3E			ETH		RADIO ETHIOPIA AFRICAN BROADCASTING STATION DOMESTIC BROADCASTS	QG52XI	WIA	
7110	4	2010	06	01	<1335-1345>		A3E			ETH	DOMESTIC	BROADCASTS	MK82	ARSI	
7110		2010	06	DY	<0415>	0415-0650	A3E			?	Unid	B-C STN.	RF72LQ	NZART	ZL1BAD

7110	10k	2010	06	DY	<1700>	1700-2100	A3E		?	Unid	B-C STN. OVER-MODULATED. I.D AND CLOSE AT 2100 UTC	RF72LQ	NZART	ZL1BAD
7110	7100.0	2010	06	07	20:47	<20:47>	A3E 3				MUSIC		JARL	
7110	7100.0	2010	06	08	20:13	<20:13>	A3E 3				MUSIC		JARL	
7110.00	6	2010	06	08		04:19							JARL	
7110	3	2010	06	09	1910		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	7100.0	2010	06	09	20:45	<20:45>	A3E 3				MUSIC		JARL	
7110	3	2010	06	10	2016		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	7100.0	2010	06	10	20:41	<20:41>	A3E 3				MUSIC		JARL	
7110	6	2010	06	11		05:17					Music		JARL	
7110	7100.0	2010	06	12	20:27	<20:27>	A3E 3				VOICE,MUSIC		JARL	
7110	7100.0	2010	06	15	20:23	<20:23>	A3E 3				VOICE,MUSIC		JARL	
7110	7100.0	2010	06	16	20:41	<20:41>	A3E 3				MUSIC		JARL	
7110	3	2010	06	17	1912		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	7100.0	2010	06	17	20:14	<20:14>	A3E 3				VOICE		JARL	
7110	3	2010	06	18	1912		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	7100.0	2010	06	21	19:50	<19:50>	A3E 3				VOICE,MUSIC		JARL	
7110	7100.0	2010	06	23	20:44	<20:44>	A3E 3				VOICE,MUSIC		JARL	
7110	7100.0	2010	06	24	20:30	<20:30>	A3E 3				MUSIC		JARL	
7110	7100.0	2010	06	25	20:49	<20:49>	A3E 3				MUSIC		JARL	
7110	7100.0	2010	06	26	20:50	<20:50>	A3E 3				MUSIC		JARL	
7110	3	2010	06	27	1814		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	7100.0	2010	06	27	20:31	<20:31>	A3E 3				VOICE		JARL	
7110	3	2010	06	28	1916		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	7100.0	2010	06	28	20:56	<20:56>	A3E 3				VOICE,MUSIC		JARL	
7117.0	1	2010	6	10	1930		F1B					QG52XI	WIA	
7118	3.3k	2010	06	28	<1000>	1000	M7B		?	Unid	Phase Mod. Multi-channel AT LEAST 9 CARRIERS ON 200 HZ CENTRES, HIGH BAUD RATE MIXED NUMBER/LETTER CIPHER, ALL ENGLISH CHARACTERS TAGALOG OR BAHASA CONTINUOUS NUMBER CIPHER	RF72LQ	NZART	ZL1BAD
7118.5	5	2010	6	24	0800		G7D					QG52XI	WIA	
7119.9		2010	6	29	0910		A1A					QG52XI	WIA	
7120.0	3	2010	6	3	0920		J3E/U					QG52XI	WIA	
7120.0	40	2010	6	23	0830		PXX					QG52XI	WIA	
7122.9		2010	6	3	0920		A1A					QG52XI	WIA	

7177.0	6	2010	6	30	1950		A3E				ARABIC, STRANGE FREQUENCY COVERED BY OTHR, SOUNDS	QG52XI	WIA	
7180.0	6	2010	6	30	1930		A3E				ARABIC SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52XI	WIA	
7180		2010	06	30	<0105-0115>		J3E/U	CLN	UNID		8 channel - idling only (These systems are usually RUS. MIL> Simo. 7100 on 11th - Spurious?)	MK82	ARSI	
7185		2010	06	03	<2000>	2000	F7D	?	Unid		S ASIAN EXTERNAL SERVICE FROM SLBC IN HINDI - COLOMBO, SRI LANKA	RF72LQ	NZART	ZL1BAD
7190	6	2010	06	03	<0135-0155>		A3E	CLN	SLBC		S ASIAN EXTERNAL SERVICE FROM SLBC IN HINDI - COLOMBO, SRI LANKA	MK82	ARSI	
7190	6	2010	06	17	<0240-0250>		A3E	CLN	SLBC		S ASIAN EXTERNAL SERVICE FROM SLBC IN HINDI - COLOMBO, SRI LANKA	MK82	ARSI	
7190	6	2010	06	30	<0100-0110>		A3E	CLN	SLBC			MK82	ARSI	
7195	6	2010	06	05		22:41							JARL	
7196.3	2	2010	6	7	1000		G7D			HIGH		QG52XI	WIA	
7200.0	6	2010	6	1	0840		A3E		KRE			QG52XI	WIA	
7200.0	6	2010	6	26	1950		A3E		SDN			QG52XI	WIA	
7200	5	2010	06	01	0010	anytime	A3E	321	KRE	Vo Korea	RADIO OMDURMAN Korean Talk and Music	PM97	JARL	Kujang
7200	3	2010	06	01	0106		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
7200	3	2010	06	01	0214		A3E	321	KRE	Vo Korea	Chainese Talk and Music		JARL	Kujang
7200	3	2010	06	01	0340		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
7200	5	2010	06	01	0712		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
7200	5	2010	06	01	1002		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
7200	5	2010	06	01	1206		A3E	321	KRE	Vo Korea	Korean Talk and		JARL	Kujang

7200	3	2010	06	02	0010		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	02	0124		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	02	0230		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	02	0326		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	02	0710		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	02	1004		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	02	1204		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	03	0012		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	03	0110		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	03	0206		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	03	0330		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	03	0736		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	03	1004		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	03	1204		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	04	0012		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	04	0104		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	04	0218		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	04	0310		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	04	0724	anytime	A3E		321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
7200	5	2010	06	04	1002		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	04	1206		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	05	0010		A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	05	0106		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	05	0216		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	05	0310		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	05	0720		A3E		321	KRE	Vo Korea	Korean Talk and	JARL	Kujang	

7200	5	2010	06	05	1006	A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang
7200	5	2010	06	05	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	06	0008	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	06	0106	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	06	0204	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	06	0312	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	06	0708	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	06	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	06	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	07	0016	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	07	0112	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	07	0210	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	07	0304	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	07	0704	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	07	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	07	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	08	0006	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	08	0114	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	08	0204	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	08	0306	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	08	0706	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	08	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	08	1204	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	6	2010	06	08			04:23				Music	JARL	
7200	3	2010	06	09	0006	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	09	0104	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang

7200	3	2010	06	09	0212	A3E		321	KRE	Vo Korea	Chaineese Talk and Music	JARL	Kujang
7200	3	2010	06	09	0308	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	09	0706	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	09	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	09	1204	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	10	0010	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	10	0104	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	10	0216	A3E		321	KRE	Vo Korea	Chaineese Talk and Music	JARL	Kujang
7200	3	2010	06	10	0306	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	10	0704	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	10	1006	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	10	1208	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	11	0014	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	11	0104	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	11	0218	A3E		321	KRE	Vo Korea	Chaineese Talk and Music	JARL	Kujang
7200	3	2010	06	11	0330	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	11	0710	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	11	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	11	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	6	2010	06	11			05:20					JARL	
7200	3	2010	06	12	0008	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	12	0106	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	12	0212	A3E		321	KRE	Vo Korea	Chaineese Talk and Music	JARL	Kujang
7200	3	2010	06	12	0320	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	12	0712	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	12	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	12	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang

7200	3	2010	06	13	0006	A3E	321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang
7200	3	2010	06	13	0104	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	13	0212	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	13	0334	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	13	0816	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	5	2010	06	13	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	13	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	14	0008	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	14	0106	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	14	0214	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	14	0324	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	14	0714	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	14	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	14	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	15	0008	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	15	0104	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	15	0214	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	15	0334	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	15	0826	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	5	2010	06	15	1008	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	15	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	16	0006	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	16	0116	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	16	0210	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	16	0328	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	16	0710	A3E	321	KRE	Vo Korea	Korean Talk and	JARL	Kujang

7200	5	2010	06	16	1006		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	16	1206		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	17	0010		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	17	0106		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	17	0212		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	17	0310		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	17	1024		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	17	1212		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	18	0004		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	18	0112		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	18	0220		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	18	0304		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	18	1120	anytime	A3E		321	KRE	Vo Korea	Chainese Talk and Music	PM97	JARL	Kujang
7200	5	2010	06	18	1204		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	19	0010		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	19	0120		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	19	0206		A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	19	0330		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	19	0704		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	19	1004		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	19	1204		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	6	2010	06	19		17:50						News in Chinese language	JARL		
7200	6	2010	06	19		18:00						News in Korean language	JARL		
7200	3	2010	06	20	0012		A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	20	0108		A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	20	0214		A3E		321	KRE	Vo Korea	Chainese Talk and	JARL	Kujang	

7200	3	2010	06	20	0310		A3E	321	KRE	Vo Korea	Music English Talk and Music	JARL	Kujang	
7200	5	2010	06	20	0706		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	20	1006	anytime	A3E	321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
7200	5	2010	06	20	1210		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	21	0008		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	21	0104		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	21	0212		A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	21	0330		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	21	0708		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	21	1004		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	21	1206		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	22	0010	anytime	A3E	321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
7200	3	2010	06	22	0104		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	22	0212		A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	22	0308		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	22	0704		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	22	1004		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	22	1206		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	23	0012		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	23	0110		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	3	2010	06	23	0204		A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	
7200	3	2010	06	23	0320		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7200	5	2010	06	23	0706		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	23	1004		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	5	2010	06	23	1206		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7200	3	2010	06	24	0006		A3E	321	KRE	Vo Korea	Korean Talk and	JARL	Kujang	

7200	3	2010	06	24	0104	A3E		321	KRE	Vo Korea	Music English Talk and Music	JARL	Kujang
7200	3	2010	06	24	0208	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	24	0320	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	24	0704	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	24	1004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	24	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	25	0024	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	25	0106	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	25	0214	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	25	0320	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	25	0706	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	25	1010	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	25	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	26	0004	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	26	0108	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	26	0220	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	26	0330	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	26	0718	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	26	1006	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	26	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	26	1252	A3E		non	non	non	unknown Talk and Music	JARL	non
7200	3	2010	06	27	0008	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	27	0110	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	28	0706	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	28	1008	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	28	1206	A3E		321	KRE	Vo Korea	Korean Talk and	JARL	Kujang

7200	3	2010	06	29	0008	A3E		321	KRE	Vo Korea	Music Korean Talk and Music	JARL	Kujang
7200	3	2010	06	29	0112	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	29	0216	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	29	0320	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	29	0708	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	29	1006	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	29	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	30	0014	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	30	0106	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	3	2010	06	30	0218	A3E		321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
7200	3	2010	06	30	0340	A3E		321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7200	5	2010	06	30	0706	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	30	1008	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	5	2010	06	30	1206	A3E		321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7200	3	2010	06	30	1256	A3E		non	non	non	unknown Talk and Music	JARL	non
10118		2010	06	16	<0335-0345>	XXX			UNID	UNID	HIGH SPEED SAW LIKE AUDIO;SPREADING 10115 TO 10121 Khz	MK82	ARSI
10141		2010	06	16	<0335-0345>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM	MK82	ARSI
14000.0	20	2010	6	1	0840	PXX					OTHER ASIAN, INDIAN- LIKE. ENGINE NOISE. LSB BUT SOME SPLASH INTO AMATEUR ALLOCATION.	QG52XI	WIA
14000.0	3	2010	6	23	0825	J3E/L						QG52XI	WIA
14000	3	2010	6	6	<23:30--23:55	J3E/U	25min	315	CLN		2 males	OF84wx	WIA
14000	3	2010	6	7	03:16--03:23	J3E/U	7min	315	CLN		2 males	OF84wx	WIA
14000	3	2010	6	8	<23:15--23:30	J3E/U	15min	315	CLN		2 males	OF84wx	WIA

14000	3	2010	6	30	23:17--23:30		J3E/U	13min	315	CLN		Group of males SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	OF84wx	WIA	
14000		2010	06	09	<1209-1215>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14000		2010	06	25	<1545-1555>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14000		2010	06	29	<0000>	0000- 0445	N0N			?	Unid	Carrier S6 MIXED NUMBER/LETTER CIPHER, ALL ENGLISH CHARACTERS	RF80HL	NZART	ZL2iFB
14001.0		2010	6	23	0820		A1A					SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52XI	WIA	
14001		2010	06	19	<0445-0455>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14001		2010	06	22	<0120-0130>		J3E/U			CLN	UNID	2 OM	MK82	ARSI	
14001.2	3	2010	6	11	0850		J3E/U					ASIAN	QG52XI	WIA	
14001.3	3	2010	5	30	<23:42--00:00		J3E/U	13min	315	INS		Group of males	OF84wx	WIA	
14002.0	3	2010	6	30	0845		J3E/U				PHL?		QG52XI	WIA	
14002	3	2010	6	11	<08:20--09:20		J3E/U	1hr	360	INS		Male-female	OF84wx	WIA	
14002	3	2010	6	24	<08:26-- 09:00>		J3E/U	22min	360	INS		2 males	OF84wx	WIA	
14002	3	2010	6	30	<08:50-- 09:02>		J3E/U	12min	360	INS		Male-female	OF84wx	WIA	
14002		2010	06	09	<1420-1430>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14002.4		2010	06	13	<1100-1110>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	MK82	ARSI	

14005.0	3	2010	6	8	0940		J3E/L			CHN			2 OM		QG52XI	WIA	
													SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –				
14005.3		2010	06	28	<0200-0220>		J3E/U			CLN	UNID		2 OM	MK82	ARSI		
14005.8	3	2010	6	25	0920		J3E/L						ASIAN SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	QG52XI	WIA		
14008		2010	06	12	<1150-155>		J3E/U			CLN	UNID		2 OM	MK82	ARSI		
14008		2010	06	DY	<0000>	0000-0900	F1B	50	250	RUS	Unid		RUSSIAN NAVAL SHORE STN	RF72LQ	NZART	ZL1BAD	
14010.0	6	2010	6	10	2330-2400		A3E			PHL			VOA IMD	QG52XI	WIA		
14011.5	3	2010	6	21	<08:10--08:30		J3E/U	20min		315	CLN		Group of males	OF84wx	WIA		
14012.3	3	2010	6	29	23:30--00:20		J3E/U	50min		315	CLN		2 males	OF84wx	WIA		
14012.4	3	2010	6	30	23:15--23:33		J3E/U	18min		315	CLN		2 males SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	OF84wx	WIA		
14012.5		2010	06	28	<0415-0425>		J3E/U			CLN	UNID		2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	MK82	ARSI		
14013		2010	06	06	<0950-1000>		J3E/U			CLN	UNID		2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	MK82	ARSI		
14013.2		2010	06	20	<0240-0250>		J3E/U			CLN	UNID		2 OM ASIAN, NOT CHINESE	MK82	ARSI		
14014.0	3	2010	6	17	0800		J3E/U						SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	QG52XI	WIA		
14014		2010	06	13	<0330-0340>		J3E/U			CLN	UNID		2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI		
14014		2010	06	16	<0325-0335>		J3E/U			CLN	UNID		SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI		

14014		2010	06	17	<0200-0205>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI
14014		2010	06	22	<0120-0130>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI
14014		2010	06	26	<0240-0255>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI
14014		2010	06	28	<0200-0318>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM 4 CHARACTER MIXED NUMBER LETTER CIPHER, MANY NON- ENGLISH CHAR	MK82	ARSI
14018.0		2010	6	1	0835	A1A						QG52XI	WIA
14020.8	3	2010	6	22	<08:10--08:36	J3E/L	26min	315	CLN			2 males OF84wx	WIA
14024		2010	06	13	<0340-0345>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI
14024		2010	06	16	<0335-0345>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI
14024		2010	06	26	<0240-0255>	J3E/U			CLN	UNID	LANGUAGE ONLY – 2 OM	MK82	ARSI
14024.8	3	2010	6	7	<23:25--00:08	J3E/U	43min	315	CLN			2 males OF84wx	WIA

14025	3	2010	6	3	<23:10--23:23	J3E/U	13min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	5	<23:10--23:50	J3E/U	40min	315	CLN		Group of males	OF84wx	WIA	
14025	3	2010	6	6	<23:25--00:15	J3E/U	50min	315	CLN		Group of males	OF84wx	WIA	
14025	3	2010	6	8	<23:20--23:50 <23:22--	J3E/U	30min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	10	00:13>	J3E/U	51min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	11	<23:20--00:10	J3E/U	50min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	13	23:12--00:15	J3E/U	1hr3min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	14	<23:10--00:00	J3E/U	50min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	20	<23:22--00:03	J3E/U	41min	315	CLN		2 males	OF84wx	WIA	
14025	3	2010	6	21	<23:20--23:55	J3E/U	35min	315	CLN		Group of males NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS	OF84wx	WIA	
14025		2010	06	10	<0200-0215>	J3E/U			CHN	UNID		MK82	ARSI	
14025.1	3	2010	6	4	2300	J3E/U			CHN			QG52XI	WIA	
14029.7	3	2010	6	7	<23:35--23:43	J3E/L	8min	360	INS		2 males	OF84wx	WIA	
14029.8	3	2010	6	1	<07:40--07:46	J3E/L	6min	360	INS		Group of males ASIAN, NOT CHINESE	OF84wx	WIA	
14030.0	3	2010	6	1	0725	J3E/L						QG52XI	WIA	VK4TJ
14030.0	3	2010	6	1	0835	J3E/U					ASIAN	QG52XI	WIA	
14030	3	2010	5	31	22:55--01:33	J3E/U	1hr33min	315	CLN		2 males	OF84wx	WIA	
14030	3	2010	6	2	<23:35--23:55	J3E/L	20min	315	CLN		2 males NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS	OF84wx	WIA	
14030		2010	06	01	<0025-0035>	J3E/U			CHN	UNID		MK82	ARSI	
14031.2		2010	06	13	<0330-0340>	J3E/U			CHN	UNID		MK82	ARSI	
14031.2		2010	06	13	<1000-1010>	J3E/U			CHN	UNID		MK82	ARSI	
14031.2		2010	06	25	<1330-1340>	J3E/U			CHN	UNID		MK82	ARSI	
14031.3	3	2010	6	23	0820	J3E/U			CHN		DAILY NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS	QG52XI	WIA	
14031.3		2010	06	22	<0120-0130>	J3E/U			CHN	UNID		MK82	ARSI	

14031.3		2010	06	24	<0045-0050>	J3E/U			CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS	MK82	ARSI
14031.4	3	2010	6	10	<08:45--09:27	J3E/U	42min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	11	<08:05--08:18	J3E/U	13min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	14	<07:20--07:42	J3E/U	22min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	15	07:25--08:25>	J3E/U	1hr	315	LN		Group of males	OF84wx	WIA
14031.4	3	2010	6	15	23:20--23:45	J3E/U	25min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	16	<07:50--08:27	J3E/U	37min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	16	23:30--00:05>	J3E/U	35min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	23	<07:55--08:42	J3E/U	47min	315	CLN		Group of males	OF84wx	WIA
14031.4	3	2010	6	24	23:30--00:42	J3E/U	1hr 12min	315	CLN		Group of males	OF84wx	WIA
14031.4	3	2010	6	25	23:30--00:30>	J3E/U	1hr	315	CLN		Group of males, music, singing and palaver	OF84wx	WIA
14031.4	3	2010	6	26	07:58--08:30	J3E/U	1hr32min	315	CLN		Group of males	OF84wx	WIA
14031.4	3	2010	6	26	23:30--00:55>	J3E/U	1hr 25min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	27	23:15--00:15	J3E/U	1hr	315	CLN		Group of males	OF84wx	WIA
14031.4	3	2010	6	28	08:30--09:00>	J3E/U	30min	315	CLN		Group of males	OF84wx	WIA
14031.4	3	2010	6	28	23:52--00:37	J3E/U	45min	315	CLN		2 males	OF84wx	WIA
14031.4	3	2010	6	29	08:20--08:42	J3E/U	22min	315	CLN		Group of males	OF84wx	WIA
14031.4	3	2010	6	30	<00:40-- 00:17>	J3E/U	37min	315	CLN		2 males	OF84wx	WIA
14031.4		2010	06	12	<1135-1150>	J3E/U			CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS	MK82	ARSI
14031.5		2010	06	26	<0240-0255>	J3E/U			CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS	MK82	ARSI
14031.5		2010	06	28	<0050-0100>	J3E/U			CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM- OM.; FISHING TRAWLERS SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	MK82	ARSI
14032		2010	06	03	<0125-0135>	J3E/U			CLN	UNID	2 OM	MK82	ARSI
14034.4	3	2010	6	6	<23:50--23:58	J3E/L	8min	315	CLN	UNID	2 males	OF84wx	WIA
14034.5		2010	06	30	<0105-0115>	XXX			UNID	UNID	HIGH SPEED SAW	MK82	ARSI

14035.0	5	2010	6	23	0755	G7D					LIKE AUDIO;SPREADING 14032 TO 14037 Khz AT LEAST 8 CARRIERS ON 300 HZ CENTRES	QG52XI	WIA
14035		2010	06	16	<0325-0335> <22:45-- <23:40--	J3E/L	1hr		CLN	UNID	2 OM	MK82	ARSI
14036.7	3	2010	6	3	00:17> <23:40--	J3E/L	32min	315	CLN		Group of males	OF84wx	WIA
14037.8	3	2010	6	4	00:10>	J3E/U	30min	315	CLN		2 males	OF84wx	WIA
14038.0	3	2010	6	4	0910	J3E/U			CHN			QG52XI	WIA
14038	3	2010	6	2	<23:05--00:15 <22:50--	J3E/U	1h10min 1hr	315	CLN		2 males	OF84wx	WIA
14038.8	3	2010	6	4	00:10>	J3E/L	20min	315	CLN		2 males	OF84wx	WIA
14038.8	3	2010	6	15	23:22--00:07	J3E/L	48min	315	CLN		2 males	OF84wx	WIA
14039.0	3	2010	6	4	2300-'0915	J3E/L					DAILY, ASIAN	QG52XI	WIA
14040.0	50	2010	6	4	0915	PXX					SHORT BURSTS	QG52XI	WIA
14040.0	6	2010	6	10	2330-2400	A3E			PHL		VOA IMD	QG52XI	WIA
14042.2	3	2010	6	13	<07:48--08:17	J3E/U	29min	360	INS		Group of males	OF84wx	WIA
14045.0	1	2010	6	3	0735	F1B						QG52XI	WIA
14045.2	3	2010	6	14	<23:18--00:18	J3E/U	1hr	315	CLN		2 males	OF84wx	WIA
14045.4	3	2010	6	14	<08:45--09:03	J3E/U	18min	315	CLN		2 males	OF84wx	WIA
14048.0	3	2010	6	6	0050	J3E/U			PHL?		SPANISH, READING SOME SORT OF A LIST, NUMBERS SAID IN ENGLISH	QG52XI	WIA
14048	3	2010	6	29	23:43--23:46	J3E/U	3min	315	CLN		Group of males	OF84wx	WIA
14048.3	3	2010	6	12	0250	J3E/U			PHL?			QG52XI	WIA
14050.0	100	2010	6	10	2330	PXX						QG52XI	WIA
14050.0	100	2010	6	18	0705	PXX						QG52XI	WIA
14050	3	2010	6	5	08:20--08:50	J3E/U	30min	360	INS		2 males	OF84wx	WIA
14050.4	3	2010	6	6	<23:15--23:40	J3E/L	25min	315	CLN		2 males	OF84wx	WIA
14052.0	3	2010	6	22	0230-'0845	J3E/U			PHL?		DAILY SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY –	QG52XI	WIA
14052		2010	06	19	<1200-1210>	J3E/U			CLN	UNID	2 OM	MK82	ARSI
14052.5	5	2010	6	27	0740	G7D		HIGH			7 CARRIERS ON 250 HZ SPACING	QG52XI	WIA
14053.1	3	2010	6	18	2225	J3E/L					ASIAN	QG52XI	WIA
14053.4	3	2010	6	28	08:32--08:40	J3E/L	8min	360			Male-female,	OF84wx	WIA

14053.6	3	2010	6	4	0830	J3E/L				CHN	Chinese							
14053.9	3	2010	6	28	0850	J3E/U				PHL	DAILY	QG52XI	WIA					
14054.0	3	2010	6	18	2345	J3E/L					ASIAN, NOT CHINESE	QG52XI	WIA					
14054	3	2010	6	28	08:33--08:42	J3E/U	9min		360	INS	1 female , talk to person on another fequency	OF84wx	WIA					
14055	3	2010	6	22	<08:40--08:47	J3E/U	7min		360	INS	1 female calling then qsy to 14052.1khz no other stn heard	OF84wx	WIA					
14055.4	3	2010	6	8	08:27--08:33	J3E/L	6min		360	INS	2 males	OF84wx	WIA					
14055.5	3	2010	6	5	2225-2340	J3E/L					DAILY, ASIAN, NOT CHINESE	QG52XI	WIA					
14055.5	3	2010	6	7	<22:45--22:55	J3E/L	10min		315	CLN	2 males	OF84wx	WIA					
14056.3	3	2010	6	3	0745-1000	J3E/U				CHN	DAILY	QG52XI	WIA					
14056.3	3	2010	6	5	<07:40--07:52	J3E/U	12min		360		Male-female, Chinense	OF84wx	WIA					
14057.9	1	2010	6	21	0940	F1B		HIGH	250		NO DECODES	QG52XI	WIA					
14060.0	3	2010	6	12	0745	J3E/U					ASIAN, NOT CHINESE	QG52XI	WIA					
14061.0	3	2010	6	15	0815	J3E/U					ASIAN	QG52XI	WIA					
14061	3	2010	6	20	<08:45--08:57	J3E/U	13min		315	CLN	2 males	OF84wx	WIA					
14063.9	1	2010	6	21	0810	F1B		HIGH	250		NO DECODES	QG52XI	WIA					
14064.0	5	2010	6	15	0815	G7D					SHORT BURSTS	QG52XI	WIA					
14064.7	6	2010	6	23	23:15--00:10>	A3E	15min		360	INS	Re/broadcast of Ins news serice	OF84wx	WIA					
14064.7	6	2010	6	25	<00:05--00:30	A3E	25min		360	INS	Broadcast of news serice	OF84wx	WIA					
14065.0	6	2010	6	10	2330-0030	A3E				PHL	VOA IMD	QG52XI	WIA					
14065	6	2010	6	28	<23:52--00:15	A3E	23min		360	INS	Re/broadcast of Indonesian news service	OF84wx	WIA					
14065	6	2010	6	29	23:45--00:15	A3E	30min		360	INS	Re/roadcast of Indonesian news serice	OF84wx	WIA					
14069.0	3	2010	6	18	0705	J3E/U					ASIAN	QG52XI	WIA					
14073.8		2010	06	16	<0335-0345>	J3E/U				CLN	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI					
14076	3	2010	6	8	<08:12--08:18	J3E/U	6min		360		1 male only heard	OF84wx	WIA					
14076.2	3	2010	6	12	0120	J3E/U				PHL		QG52XI	WIA					
14091	3	2010	6	10	<23:25--23:35	J3E/U	10min		315	CLN	2 males	OF84wx	WIA					
14091	3	2010	6	12	<23:20--23:55	J3E/U	35min		315	CLN	2 males	OF84wx	WIA					
14094.3	3	2010	6	6	<22:42--23:00	J3E/L	18min		360	INS	Group of males	OF84wx	WIA					
14100.0	3	2010	6	16	0745	J3E/U				PHL	IN ENGLISH:	QG52XI	WIA					

14100	3	2010	6	8	<08:15--08:22		J3E/U	7min	360			"MANILA MANILA THIS IS 210 CALLING ON 14100"	OF84wx	WIA	
14100		2010	06	11	<0930>	0930	J3E			?	Unid	2 males	RF72LQ	NZART	ZL1BAD
14102.1	3	2010	6	11	0835		J3E/U			PHL		Non amateur net	QG52XI	WIA	
14102.2	3	2010	6	16	0840		J3E/L					TAGALOG	QG52XI	WIA	
14103.2	3	2010	6	18	0835		J3E/U			CHN		ASIAN, NOT CHINESE	QG52XI	WIA	
14104.0	1	2010	6	23	0810		F1B		250			FAMILY NET	QG52XI	WIA	
												NOT AMATEUR - 100% ON TIME FOR 30 MINUTES			
14104		2010	06	16	<0335-0345>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI	
14104		2010	06	20	<0705>	0705	F1B	50	250	?	Unid	LANGUAGE ONLY – 2 OM	RF72LQ	NZART	ZL1BAD
												Encrypted 4/5 CHARACTER CIPHER, MANY NON-ENGLISH CHARACTERS			
14108.0		2010	6	7	0915		A1A					N98S DE LEV6 RK	QG52XI	WIA	
14108.2		2010	06	16	<0335-0345>		A1A				UNID	SXYSXY	MK82	ARSI	
												MODEST BAUD RATE BUT NO DECODER			
14116.0	1	2010	6	7	0925		F1B		250			G7D plus OTHR S8 over the top	QG52XI	WIA	
14116	3k	2010	06	27	<0620>	0620- 0646	G7D			?	Unid		RF73MF	NZART	ZL1GWE
14117.0	5	2010	6	15	0900		G7D		HIGH				QG52XI	WIA	
14117.6	3	2010	6	28	0820		J3E/U			CHN		FAMILY NET	QG52XI	WIA	
14117.7	3	2010	6	30	<08:42--08:50		J3E/U	8min	360			Male-female, Chinese	OF84wx	WIA	
												AT LEAST 20 CARRIERS ON 200 HZ SPACING			
14120.0	5	2010	6	27	0740		G7D		HIGH				QG52XI	WIA	
14120		2010	06	04	<0900>	0900	F1B	50	250	?	Unid	Idle sigs. Only	RF72LQ	NZART	ZL1BAD
14127	68k	2010	06	27	<0630>	0636- 0648	PXX			?	Unid		RF73MF	NZART	ZL1GWE
14131.8	3	2010	6	1	0830		J3E/U			CHN		OTHER S5 80 PPS	QG52XI	WIA	
												Re/broadcast of Indonesian News Service			
14135	6	2010	5	29	22:45--23:15		A3E	30min	360	INS			OF84wx	WIA	VK3XW
												Re/Broadcast of Indonesian news service			
14135	6	2010	6	1	<22:45--23:15		A3E	30min	360	INS			OF84wx	WIA	
												Re/broadcast of Indonesian news service			
14135	6	2010	6	3	22:45--23:15		A3E	30min	360	INS			OF84wx	WIA	

14135	6	2010	6	4	22:30--23:00		A3E	30min	360	INS	Re/broadcast of Indonesian news service	OF84wx	WIA		
14135	6	2010	6	6	22:30--23:00		A3E	30min	360	INS	Re/roadcast of Indonesian news service	OF84wx	WIA		
14135	6	2010	6	7	22:45--23:00		A3E	15min	360	INS	Re/roadcast of Indonesian news service	OF84wx	WIA		
14135	6	2010	6	24	22:45--23:15		A3E	30min	360	INS	Re/broadcast of Indonesian news serice	OF84wx	WIA		
14141.5	3	2010	6	28	0820		J3E/L				TAGALOG OR BAHASA	QG52XI	WIA		
14149	3	2010	6	9	07:50--07:59		J3E/U	9min	360		2 males, Chinese	OF84wx	WIA		
14151.5	3	2010	6	1	<23:30--00:04		J3E/U	34min	315	CLN	2 males	OF84wx	WIA		
14156		2010	06	06	<0420-0430>		J3E/U			CLN	UNID	2 OM	MK82	ARSI	
14157.3	3	2010	6	30	0950		J3E/U					ASIAN, FAMILY NET	QG52XI	WIA	
14160.0	6	2010	6	10	2330-2400		A3E			PHL		VOA IMD	QG52XI	WIA	
14160.0	6	2010	6	10	2330-2400		A3E			PHL		VOA IMD	QG52XI	WIA	
14160.0	3	2010	6	27	0750		J3E/U			CHN		FAMILY NET	QG52XI	WIA	
14175	72k	2010	06	27	<0600>	0600-0630	PXX			?	Unid	OTHR S9++ 2.9 second bursts and 15.5 seconds inbetween 80 PPS PRF 60Hz Directional	RF73MF	NZART	ZL1GWE
14177.00	10	2010	6	9	0500>		P0N	>1hr		IRAN	Unid	- bursts of 10 secs Male-female, no messages yet		WIA	VK3ZAZ
14177.7	3	2010	6	10	00:25--00:26		J3E/U	1min	360	INS		ASIAN, NOT CHINESE, FAMILY NET, FISHBOATS, ENGINE NOISE	OF84wx	WIA	
14179.9	3	2010	6	7	0920		J3E/U					OTHR 70 PPS	QG52XI	WIA	
14182	4k	2010	06	22	<0450>	0450	PXX			?	Unid	Non Amateurs - Japanese speaking	RE68XL	NZART	ZL2TZE
14184.0	5	2010	6	30	0950		G7D				HIGH	OTHR 59+	QG52XI	WIA	
14192		2010	06	20	<0530>	0530	J3E/U			?	Unid	FAMILY NET	RF73MF	NZART	ZL1GWE
14200		2010	06	27	<0730>	0730	PXX			?	Unid	5 sec. burst every 25 secs.	RF81WM	NZART	ZL2CC
14200.5	3	2010	6	11	0830		J3E/L			CHN			QG52XI	WIA	
14205	20k	2010	06	13	<0345>	0345-0415	PXX			?	Unid		RF72LQ	NZART	ZL1BAD
14206.0	5	2010	6	15	0900		G7D				HIGH		QG52XI	WIA	
14221.8		2010	06	16	<0325-0335>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN	MK82	ARSI	

14224.6		2010	06	10	<0455-0500>		J3E/U		CLN	UNID	SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14225.5		2010	06	06	<0950-1000>		J3E/U		CLN	UNID	2 OM	MK82	ARSI	
14227.0	3	2010	06	15	0855		J3E/U		CHN		FAMILY NET	QG52XI	WIA	
14230.5	3	2010	06	07	0915		J3E/L				ASIAN, SOUNDS CHINESE	QG52XI	WIA	
14238.0	1	2010	06	15	0855		F1B	250			MODEST BAUD RATE BUT NO DECODES	QG52XI	WIA	
14240		2010	06	21	<0705>	0705	F1B	250	?	Unid	Encrypted	RF72LQ	NZART	ZL1BAD
14250.0	6	2010	06	07	0830-0910		A3E		KRE		DAILY	QG52XI	WIA	
14256.5	3	2010	06	30	0950		J3E/U				ASIAN FISHBOATS, ENGINE NOISE UNUSUAL DATA	QG52XI	WIA	
14262.0	1	2010	06	11	0825		F1B				MODE	QG52XI	WIA	
14277.7	3	2010	05	30	01:37--01:45		J3E/U	8min		360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	05	31	01:45--01:46		J3E/U	1min		360	INS	2 males No messagfes today	OF84wx	WIA
14277.7	3	2010	06	02	00:33--00:34		J3E/U	1min		360	INS	1 male calling, no reply	OF84wx	WIA
14277.7	3	2010	06	02	00:49--00:50		J3E/U	1min		360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2010	06	02	01:20--01:27		J3E/U	7min		360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	06	02	01:32--01:35		J3E/U	3min		360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	06	03	00:42--00:44		J3E/U	2min		360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	06	04	01:17--01:21		J3E/U	4min		360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	06	05	00:10--00:26		J3E/U	16min		360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	06	06	00:25--00:32		J3E/U	7min		360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	06	07	00:13--00:18		J3E/U	5min		360	INS	2 males Pass coded messages	OF84wx	WIA
14277.7	3	2010	06	07	01:00--01:15		J3E/U	15min		360	INS	Male-female pass coded messages	OF84wx	WIA

14277.7	3	2010	6	7	01:30--01:33	J3E/U	3min	360	INS	1 female 2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	7	01:45--01:51	J3E/U	6min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	8	00:25--00:42	J3E/U	17min	360	INS	3 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	9	00:55--01:00	J3E/U	5 MIN	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	9	02:00--02:01	J3E/U	1min	360	INS	2 males	OF84wx	WIA
14277.7	3	2010	6	10	01:30--01:33	J3E/U	3min	360	INS		OF84wx	WIA
14277.7	3	2010	6	11	00:21--00:24	J3E/U	3min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	11	00:29--00:39	J3E/U	10min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	11	01:33--02:01	J3E/U	28min	360	INS	3 males pass coded messages, then chat	OF84wx	WIA
14277.7	3	2010	6	11	02:12--02:16	J3E/U	4min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	12	00:25--00:27	J3E/U	2min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	13	01:20--01:21	J3E/U	1min	360	INS	2males calling, no messages yet	OF84wx	WIA
14277.7	3	2010	6	13	01:45--01:54	J3E/U	9min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	14	00:33--00:35	J3E/U	2min	360	INS	2 males calling, no messages yet	OF84wx	WIA
14277.7	3	2010	6	14	01:00--01:03	J3E/U	3min	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2010	6	14	01:28--01:59	J3E/U	31min	360	INS	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	15	00:33--00:36	J3E/U	3min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	15	01:25--01:26	J3E/U	1min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	15	01:57--01:58	J3E/U	1min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	16	00:40--00:41	J3E/U	1min	360	INS	male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	21	00:33--00:34	J3E/U	1min	360	INS	1 male calling, no reply	OF84wx	WIA
14277.7	3	2010	6	21	02:00--02:01	J3E/U	1min	360	INS	1 male second call. no reply	OF84wx	WIA
14277.7	3	2010	6	21	02:35--02:58	J3E/U	22min	360	INS	2 male 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	21	03:05--03:10	J3E/U	7min	360	INS	2 males pass coded messafges	OF84wx	WIA
14277.7	3	2010	6	21	04:18--04:21	J3E/U	3min	360	INS	Male-female pass coded messages	OF84wx	WIA

14277.7	3	2010	6	22	00:23--00:26	J3E/U	3min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	22	01:14--01:22	J3E/U	8min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	22	01:30--01:47	J3E/U	17min	360	INS	2 male 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	24	00:25--00:31	J3E/U	6min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	24	00:34--00:42	J3E/U	8min	360	INS	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	24	01:16--01:35	J3E/U	19min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	24	01:42--01:58	J3E/U	16min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	25	00:26--00:28	J3E/U	2 min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	25	01:30--01:50	J3E/U	20min	360	INS	3 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	26	00:55--00:56	J3E/U	1min	360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2010	6	27	01:10--01:13	J3E/U	3min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	27	01:27--01:28	J3E/U	1min	360	INS	Male-female, no messages	OF84wx	WIA
14277.7	3	2010	6	28	00:34--00:45	J3E/U	2min	360	INS	1 male making 4 calls, no response	OF84wx	WIA
14277.7	3	2010	6	28	01:06--01:08	J3E/U	2 min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	28	01:57--02:10	J3E/U	13min	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	6	29	01:04--01:08	J3E/U	4min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	29	02:02--02:12	J3E/U	10min	360	INS	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	6	30	01:29--01:35	J3E/U	6min	360	INS	2 males pass coded messages	OF84wx	WIA
14290.0	6	2010	6	10	2330-2400	A3E			PHL	VOA IMD	QG52XI	WIA
14292.0		2010	6	1	0825	A1A				4 CHARACTER MIXED NUMBER LETTER CIPHER, SOME NON-ENGLISH CHAR	QG52XI	WIA
14300.0	50	2010	6	1	0825	PXX				OTHR	QG52XI	WIA
14314.3	3	2010	6	30	0945	J3E/U			CHN	FISHBOATS, ENGINE NOISE	QG52XI	WIA
14318.7	3	2010	6	28	0815	J3E/U			CHN	FAMILY NET	QG52XI	WIA
14326.7	3	2010	6	28	0815	J3E/U			CHN	FAMILY NET	QG52XI	WIA
14330		2010	06	06	<0930-0940>	J3E/U			CLN UNID	SRI LANKAN FISHING	MK82	ARSI

