



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



August 2012

Peter Young VK3MV

Reports for August were received from ARSI, JARL, NZART, and the WIA.

This month there were 1073 observations made across the Region, as compared to last month of 1301.

This month there is an increase in the number of intrusions in the higher frequency bands, particular particularly from OHR Radars on 15 meters. Some OHR emissions into northern Australia are very strong and a report has been filed with the Australian Regulator, seeking information and their removal.

As reported last month further reports of " HF Man Packs" emissions are requested to determine a location. See the details of frequencies and times listed below.

The Burmese broadcast station operating on 7110 kHz, is still operational and has been reported to the Australian Regulator.

Thank you to all the regional observers for their reports, your reports are really appreciated. Keep them coming.

For those who would like a CSV file of data please email me at: vk3mv@wia.org.au

Peter – VK3MV

kHz	BW	YYYY	MM	DD		GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3528.0	3	2012	8	31	1825			J3E/U						ASIAN DAILY SW BROADCAST	QG52xi	WIA	VK4TJ
3560.0	8	2012	8	1	1955			A3E				KRE			QG52xi	WIA	VK4TJ
3560	4	2012	08	01	1202		H24	A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	01	1602			A3E			321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	01	1702			A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	01	1802			A3E			321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	02	1202			A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	02	1602			A3E			321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	02	1702			A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	02	1802			A3E			321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	03	1202			A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	03	1602			A3E			321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	03	1702			A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	03	1802			A3E			321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	04	1202			A3E			321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	04	1602			A3E			321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	04	1802		H24	A3E			321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	04	1930			A3E			321	KRE	Voice of Korea	Spanish Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	05	1230			A3E			321	KRE	Voice of Korea	no modulation channel is KRE	this PM97	JARL	Kujang
3560	3	2012	08	05	1602			A0N			321	KRE	Voice of Korea	no modulation channel is KRE	this PM97	JARL	Kujang
3560	3	2012	08	05	1910			A0N			321	KRE	Voice of Korea	no modulation channel is KRE	this PM97	JARL	Kujang
3560	3	2012	08	06	1606			A0N			321	KRE	Voice of Korea	no modulation channel is KRE	this PM97	JARL	Kujang

3560	3	2012	08	06	1702		A0N	321	KRE	Voice of Korea	no modulation channel is KRE	this	PM97	JARL	Kujang
3560	3	2012	08	06	1802		A0N	321	KRE	Voice of Korea	no modulation channel is KRE	this	PM97	JARL	Kujang
3560	3	2012	08	06	1920		A0N	321	KRE	Voice of Korea	no modulation channel is KRE	this	PM97	JARL	Kujang
3560	0.5	2012	08	06		21:06	A3E				Only carrier with no call			JARL	
3560	4	2012	08	07	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	4	2012	08	07	1602		A3E	321	KRE	Voice of Korea	French Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	07	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	07	1802		A3E	321	KRE	Voice of Korea	English Talk and Music		PM97	JARL	Kujang
3560	4	2012	08	08	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	08	1602		A3E	321	KRE	Voice of Korea	French Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	08	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	08	1802		A3E	321	KRE	Voice of Korea	English Talk and Music		PM97	JARL	Kujang
3560	4	2012	08	09	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	4	2012	08	09	1402		A3E	321	KRE	Voice of Korea	French Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	09	1602		A3E	321	KRE	Voice of Korea	French Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	09	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	09	1802		A3E	321	KRE	Voice of Korea	English Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	09	1902		A3E	321	KRE	Voice of Korea	Spanish Talk and Music		PM97	JARL	Kujang
3560	4	2012	08	10	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang
3560	4	2012	08	10	1402		A3E	321	KRE	Voice of Korea	French Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	10	1602		A3E	321	KRE	Voice of Korea	French Talk and Music		PM97	JARL	Kujang
3560	5	2012	08	10	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music		PM97	JARL	Kujang

3560	5	2012	08	10	1802	20:13	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	6	2012	08	10			A3E				News in Chinese		JARL	
3560	4	2012	08	11	1216		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	11	1402		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	11	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	11	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	11	1802		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	11	1902		A3E	321	KRE	Voice of Korea	Spanish Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	12	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	12	1402		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	12	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	12	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	12	1802		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	12	1902		A3E	321	KRE	Voice of Korea	Spanish Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	13	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	13	1602		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	13	1910		A3E	321	KRE	Voice of Korea	Spanish Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	13	2002		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	14	1214		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	14	1402		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	14	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	14	1810		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	15	1210		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang

3560	5	2012	08	15	1602	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	15	1702	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	15	1802	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	16	1216	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	16	1602	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	16	1802	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	16	2002	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	1	2012	08	17	1218	A0N		KRE		this channel is KRE	PM97	JARL	non
3560	1	2012	08	17	1608	A0N		KRE		this channel is KRE	PM97	JARL	non
3560	1	2012	08	17	1910	A0N		KRE		this channel is KRE	PM97	JARL	non
3560	3	2012	08	18	1206	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	18	1602	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	18	1702	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	18	1802	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	19	1202	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	19	1602	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	19	1702	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	19	1802	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	20	1202	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	
3560	5	2012	08	20	1602	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	20	1702	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	20	1802	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	21	1210	A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	21	1602	A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang

3560	5	2012	08	21	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	21	1802		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	22	1606		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	22	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	22	1802		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	6	2012	08	22		21:39	A3E				News(?)		JARL	
3560	5	2012	08	23	1202		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	23	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Hohhot
3560	5	2012	08	23	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	23	1702		A3E	321	KRE	Voice of Korea	Chinese Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	23	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	23	1802		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	23	1802		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	24	1202		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
3560	3	2012	08	26	1602		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	27	1210		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	27	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	27	1702		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	6	2012	08	27		23:21	A3E				News (?)		JARL	
3560	4	2012	08	28	1210		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	28	1602		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	28	1702		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	6	2012	08	28		20:53	A3E				News in Chinese		JARL	
3560	4	2012	08	29	1210		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang

3560	4	2012	08	29	1602		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	29	1702		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	29	1914		A3E	321	KRE	Voice of Korea	Spanish Talk and Music	PM97	JARL	Kujang
3560	6?	2012	08	29		21:54	A3E(?)				Only carrier with no call		JARL	
3560	4	2012	08	30	1210		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	30	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	30	1702		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	3	2012	08	31	1206		A3E	321	KRE	Voice of Korea	Korean Talk and Music	PM97	JARL	Kujang
3560	4	2012	08	31	1602		A3E	321	KRE	Voice of Korea	French Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	31	1702		A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
3560	5	2012	08	31	1920		A3E	321	KRE	Voice of Korea	Spanish Talk and Music	PM97	JARL	Kujang
3583		2012	08	11	<0411>	0411	J3E/U		?	Unid	Asian voices fishing boats	RE68XL	NZART	ZL2TZE
3584.0	3	2012	8	1	1955		J1C				DAILY	QG52xi	WIA	VK4TJ
3623.0	3	2012	8	1	1955		J1C				DAILY	QG52xi	WIA	VK4TJ
3662.9		2012	08	03	<1814>	1814	J3E/U		?	Unid	Asian voices fishing boats S8	RE68XL	NZART	ZL2TZE
3666.0	3	2012	8	31	1830		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
3675		2012	08	04	<1956>	1956	J3E/U		?	Unid	Asian voices fishing boats S9 + 20db	RE68XL	NZART	ZL2TZE
3688.0	3	2012	8	31	1830		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
3703.74	2.4	2012	08	14	<0755>	0755-	JE3/U		?	Unid	Fishing boats assume (12 db above SNR+N)	RF73IJ	NZART	ZL1TPH
3704	0.5	2012	08	23		0800	A1A				yacking to each other		JARL	
3705	0.5	2012	08	06		21:30	A1A				Random number		JARL	
3705	0.5	2012	08	22		20:47	A1A				Random number		JARL	
3705	0.5	2012	08	28		21:43	A1A				Random number		JARL	
3705	0.5	2012	08	29		20:56	A1A				Random number		JARL	
3705	0.5	2012	08	29		21:56	A1A				Random number		JARL	
3730		2012	08	06	<1853>	1853	J3E/U		?	Unid	Asian voices possibly fishermen S9	RE68XL	NZART	ZL2TZE
3798	0.5	2012	08	06		1853	A1A				Japanese dialect		JARL	
3798	0.5	2012	08	10		21:07	A1A				h2fl h2fl h2fl de drvz			
											drvz v			
						20:16	A1A				h2fl h2fl h2fl de drvz		JARL	
											drvz v			

3798	0.5	2012	08	15		01:35	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
3798	0.5	2012	08	15		22:15	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
3798	0.5	2012	08	23		21:44	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
3798	0.5	2012	08	25		21:26	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
3798	0.5	2012	08	27		23:26	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
3798	0.5	2012	08	29		22:04	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
6990.0	50	2012	8	1	2000		P0N				DAILY, OTHR, SPILLS INTO AMATEUR BAND	QG52xi	WIA	VK4TJ
7000.0	3	2012	8	1	0820		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000	+100	2012	08	02	<0850>	0850	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	08	03	<1950>	1950	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	08	05	<1830>	1830	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	08	10	<1900>	1900	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	08	DY	<0330>	0330- 2200	J3E/U		?	Unid	Non-amateurs - when OTHR is not present	RF72LQ	NZART	ZL1BAD
7000		2012	08	29	<1045>	1045- 2000	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000	172	2012	08	29	<1930>	1930- 1935	P0N		?	Unid	OTHR continuous S1 (7000 to 7012 kHz CW section of the 40 m band)	RF73IJ	NZART	ZL1TPH
7000	172	2012	08	31	<1900>	1900- 1930	P0N		?	Unid	OTHR continuous S1 (7000 to 7012 kHz CW section of the 40 m band)	RF73IJ	NZART	ZL1TPH
7005.0	3	2012	8	2	1025		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2012	8	8	0905		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7008.0	1	2012	8	18	2350		F1B	200			SHORT FREQUENT BURSTS	QG52xi	WIA	VK4TJ
7010.0	3	2012	8	2	1140		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2012	8	20	0740		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7011.1	3	2012	8	31	1845		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7015.0	3	2012	8	8	0900		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2012	8	12	1150		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ

7020.0	3	2012	8	8	1000	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2012	8	1	0940	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2012	8	12	1140	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7027.5		2012	8	1	2000	A1A		V		BEACON	QG52xi	WIA	VK4TJ
7028.1	3	2012	8	8	0900	J3E/U	INS			VILLAGE RADIO	QG52xi	WIA	VK4TJ
7029	0.5	2012	08	15		A1A				train of " V "(with no call)		JARL	
7030.0	3	2012	8	12	1140	J3E/L	INS			ASIAN, MUSIC	QG52xi	WIA	VK4TJ
7030.0	3	2012	8	1	0940	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7031	34	2012	08	03	1716	P0N	non	non	non	7014KHz ~ 7048KHz wide pulse mode P0N	PM97	JARL	non
7036	3	2012	08	06	1602	F1B	non	non	non	OTHR ?	PM97	JARL	non
7038.8		2012	8	31	1840	A1A		RU	AEE	now on air DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.8		2012	8	31	1840	A1A		RU	P	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.9		2012	8	31	1840	A1A		RU	RE	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.0		2012	8	1	2000	A1A		RU	S	DAILY, HARBOUR BEACON	QG52xi		
7039	0.5	2012	08	01	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	01	1214	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	01	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	01	1708	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	01	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	01	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	02	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	02	1214	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	02	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	02	1614	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	02	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	02	1712	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	02	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	02	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	03	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	03	1212	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	03	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	03	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	03	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	03	1712	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	03	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	03	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	04	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	04	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	08	04	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	04	1808	A1A	37	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	04	1810	A1A	15	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	04	1936	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	05	1234	A1A	321	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	05	1236	A1A	15	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	05	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	05	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	05	1916	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	05	1918	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	06	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	06	1214	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	06	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	06	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	06	1706	A1A	37	CHN	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	06	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	06	1710	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	06	1806	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	06	1808	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	06	1924	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	06	1926	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	07	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	07	1212	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	07	1606	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	07	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	07	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	07	1706	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	07	1708	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	07	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	07	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	08	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	08	1212	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	08	1606	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	08	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	08	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	08	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	08	1710	A1A	37	KRE	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	08	1712	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	08	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	08	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	08	1810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	09	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	09	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	09	1214	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy

7039	0.5	2012	08	09	1408		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	09	1410		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	09	1412		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	09	1606		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	09	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	09	1708		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	09	1710		A1A	37	KRE	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	09	1712		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	09	1808		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	09	1810		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	09	1812		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	09	1906		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	09	1908		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	09	1910		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	10	1206		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	10	1410		A1A	37	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	10	1608	H24	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	10	1710		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	10	1810		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	11	1220		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	11	1224		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	11	1410		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	11	1412		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	11	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	11	1614		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	11	1708		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	11	1810		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	11	1910		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	12	1210		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	12	1408		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	12	1412		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	12	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	12	1610		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	12	1710		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	12	1712		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	12	1808		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	12	1810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	12	1910		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	12	1912		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	13	1210		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	13	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	13	1916		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	13	2010	H24	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	14	1210		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	14	1410		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy

7039	0.5	2012	08	14	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	14	1616	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	14	1816	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	15	1216	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	15	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	15	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	15	1614	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	15	1710	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	15	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	16	1220	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	16	1224	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	16	1610	A1A	37	RUS	K--siganl	Korean Talk and Music	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	16	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	16	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	16	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	16	2010	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	17	1222	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	17	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	17	1614	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	17	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	17	1916	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	17	1918	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	17	1922	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	18	1210	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	18	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	18	1216	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	18	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	18	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	18	1708	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	18	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	18	1712	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	18	1808	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	18	1810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	18	1812	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	19	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	19	1212	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	19	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	19	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	19	1708	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	19	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	19	1712	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	19	1810	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	19	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	19	1814	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	08	20	1210	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kujang
7039	0.5	2012	08	20	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	20	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	20	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	20	1708	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	20	1810	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	21	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	21	1216	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	21	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	21	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	21	1710	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	21	1810	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	22	1210	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	22	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	22	1612	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	22	1710	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	22	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	22	1814	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	23	1208	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	23	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	23	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	non
7039	0.5	2012	08	23	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	23	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	23	1708	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	23	1710	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	23	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	23	1712	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	23	1808	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	23	1810	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	23	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	23	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	5	2012	08	24	1208	A3E	321	KRE	Voice of Korea	English Talk and Music	PM97	JARL	Kujang
7039	0.5	2012	08	24	1210	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	24	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	26	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	26	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	27	1216	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	27	1218	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	27	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	27	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	27	1708	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	27	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	28	1218	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	28	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	08	28	1224		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	28	1608		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	28	1610		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	28	1708		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	28	1710		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	29	1216		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	29	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	29	1710		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	29	1710		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	29	1918		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	30	1216		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	30	1218		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	30	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	30	1610		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	30	1708	H24	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	30	1710		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	31	1210		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	31	1212		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	31	1216		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	08	31	1608		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	31	1610		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	31	1708		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	08	31	1710		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	08	31	1924		A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039.0		2012	08	DY	<0330>	0330-2200	A1A		RUS	C	Moscow - Beacon C - RIW	RF72LQ	NZART	ZL1BAD
7039		2012	08	DY	<0330>	0330-2200	A1A		KGZ	A	Astrakhan (No call sign) - Bishkek	RF72LQ	NZART	ZL1BAD
7039		2012	08	DY	<0330>	0330-2200	A1A		RUS	F	Vladivostok - Beacon F RJS	RF72LQ	NZART	ZL1BAD
7039		2012	08	DY	<0330>	0330-2200	A1A		RUS	P	Kaliningrad - Beacon P RMP	RF72LQ	NZART	ZL1BAD
7039		2012	08	02	<1859>	1859	A1A		RUS	M	Russian Beacon M - Magadan	RF73MF	NZART	ZL1GWE
7039.2		2012	8	1	0820		A1A		RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.2		2012	8	5	0820		A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.2		2012	8	1	2000		A1A		RU	L	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2012	08	DY	<0330>	0330-2200	A1A		RUS	K	Petropavlovsk - Beacon K RCC	RF72LQ	NZART	ZL1BAD
7039.4		2012	8	2	1020		A1A		RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2012	08	DY	<0330>	0330-2200	A1A		RUS	M	Magadan - Beacon M - RTC	RF72LQ	NZART	ZL1BAD
7039.9		2012	08	DY	<0330>	0330-2200	A1A		RUS	S	Severomorsk - Beacon S RIT	RF72LQ	NZART	ZL1BAD
7040	0.5	2012	08	05		21:48	A1A				train of " M ", "F"	JARL		

7040	0.5	2012	08	06		21:04	A1A									train of " K ","M "	JARL		
7040	0.5	2012	08	10		20:20	A1A									train of " K "	JARL		
7040	0.5	2012	08	15		01:38	A1A									train of " K "," S(very weak)"	JARL		
7040	0.5	2012	08	15		22:17	A1A									train of " K "	JARL		
7040	0.5	2012	08	22		22:01	A1A									train of " M ", " K "	JARL		
7040	0.5	2012	08	23		21:46	A1A									train of "K","F","M"	JARL		
7040	0.5	2012	08	25		21:28	A1A									train of " K ", " M "	JARL		
7040	0.5	2012	08	27		23:28	A1A									train of "M","K","F"	JARL		
7040	0.5	2012	08	29		22:05	A1A									train of " K ", " M "	JARL		
7048.0	1	2012	8	1	2000		F1B	200									QG52xi	WIA	VK4TJ
7054.0	1	2012	8	1	2000		F1B	200									QG52xi	WIA	VK4TJ
7054		2012	08	DY	<0500>	0500-2000	F1B	200		RUS	REA4					Idling only. Russian Air Force RTTY S4 Russian Idling	RF72LQ	NZART	ZL1BAD
7054		2012	08	02	<1855>	1855	F1B	50 250		RUS	REA4					RTTY S3 Traffic Mode	Rf73MF	NZART	ZL1GWE
7054		2012	08	03	<1946>	1946	F1B	50 250		RUS	REA4					Russian RTTY S5 Traffic and idling mode	RF73MF	NZART	ZL1GWE
7054		2012	08	04	<1944>	1944	F1B	50 250		RUS	REA4					RTTY S4 QSB Idling mode	RF73MF	NZART	ZL1GWE
7054		2012	08	08	<1947>	1947	F1B	50 250		RUS	REA4					DAILY, CODAR, SWEEPS 40 KHZ	RF73MF	NZART	ZL1GWE
7060.0	40	2012	8	1	2000		VXX									ASIAN	QG52xi	WIA	VK4TJ
7065.0	3	2012	8	4	1015		J3E/U									7048KHz ~ 7082KHz	QG52xi	WIA	VK4TJ
7065	34	2012	08	03	1614		P0N		non	non	non					wide pulse mode P0N	PM97	JARL	non
7066.7	3	2012	8	8	0855		J3E/U									OTHER ?	QG52xi	WIA	VK4TJ
7067.5	3	2012	8	5	1945		G1D									ASIAN SHORT BURSTS	QG52xi	WIA	VK4TJ
7068		2012	08	03	<1903>	1903	J3E/U			?	Unid					Asian voices boat traffic? S5	RE68XL	NZART	ZL2TZE
7075	30	2012	08	01	<2000>	2000	VXX			?	Unid					CODAR 3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7075	30	2012	08	03	<1950>	1950	VXX			?	Unid					CODAR 3.5 PPS Continuous MIXED	RF72LQ	NZART	ZL1BAD
7076.0		2012	8	13	1010		A1A									NUMBER/LETTER CIPHER, SOME			
7077	34	2012	08	03	1814		P0N		non	non	non					CYRILLIC CHAR. 7060KHz ~ 7094KHz	QG52xi	JARL	non
																wide pulse mode P0N	PM97		
																OTHER ?			
7078.3	3.3	2012	08	24	<0930>	0930-0945	M7B			?	Unid					Multi-chnl	RF72LQ	NZART	ZL1BAD
7080	30	2012	08	03	<1950>	1950	VXX			?	Unid					CODAR 3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7081		2012	08	02	<0845>	0845	F1B	250		?	Unid					Not printable	RF72LQ	NZART	ZL1BAD
7090.7		2012	8	2	1000		P0N									DAILY	QG52xi	WIA	VK4TJ
7096		2012	08	03	<1947>	1947	G7DF			?	Unid					HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE

7100.0	3	2012	8	4	1015	J3E/L		INS		VILLAGE RADIO	QG52xi	WIA	VK4TJ
7105.0		2012	8	19	1900-2000	P0N					QG52xi	WIA	VK4TJ
7105	5	2012	08	01	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	01	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	02	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	02	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	03	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	03	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	04	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	04	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	05	2202	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	05	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	06	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	06	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	07	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	07	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	08	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	08	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	09	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	09	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	10	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Kujang
7105	3	2012	08	10	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	11	2204	A1A	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	11	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	12	2202	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot

7105	3	2012	08	12	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	13	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	13	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	08	13	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5 + 1 2sec late	PM97	JARL	Hohhot
7105	5	2012	08	14	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	14	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	08	15	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	15	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	15	2202	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	08	15	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5 + 1 on time	PM97	JARL	Hohhot
7105	5	2012	08	16	2202	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	16	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	08	16	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5 + 1 on time	PM97	JARL	Hohhot
7105	3	2012	08	17	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	17	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	17	2202	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	08	17	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5 + 1 2sec late	PM97	JARL	Hohhot
7105	5	2012	08	18	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	18	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	19	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	19	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non

7105	5	2012	08	20	2204	H24	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	20	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	21	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	21	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	22	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	22	2204		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	23	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Kujang
7105	5	2012	08	23	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	23	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Kamchatskiy
7105	3	2012	08	23	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	26	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	26	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	27	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	27	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	28	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	28	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	29	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	29	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	08	31	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	08	31	2206	H24	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105		2012	08	15	<2000>	2000	A3E		?	Unid	Unknown (to me) language	RF72LQ	NZART	ZL1BAD
7105		2012	08	15	<1935>	1935	A3E		CHN	Firedrake	Chinese BC Firedrake suspected	RE68XL	NZART	ZL2TZE
7105		2012	08	18	<1920>	1920	A3E		?	Unid	Unknown (to me) language	RF72LQ	NZART	ZL1BAD
7105		2012	08	19	<1925>	1925	A3E		?	Unid	Unknown (to me) language	RF72LQ	NZART	ZL1BAD
7105		2012	08	19	<0703>	0703	N0N		?	Unid	Heavy BC Carrier S9	RE68XL	NZART	ZL2TZE

7108		2012	08	14	<1925>	1925	A3E		ERI	VOBM	Voice of the Broad Masses BC S9 + 20db	RE68XL	NZART	ZL2TZE
7110.0	8	2012	8	1	1140		A3E		BRM		DAILY, SW BROADCAST MYANMAR	QG52xi	WIA	VK4TJ
7110	5	2012	08	01	<1410-1420>		A3E		BRM	DOMESTIC	DOMESTIC SERVICE BROADCASTS MYANMAR	MK82	ARSI	
7110	5	2012	08	02	<0120-0125>		A3E		BRM	DOMESTIC	DOMESTIC SERVICE BROADCASTS MYANMAR	MK82	ARSI	
7110	5	2012	08	04	<0120-0130>		A3E		BRM	DOMESTIC	DOMESTIC SERVICE BROADCASTS MYANMAR	MK82	ARSI	
7110	5	2012	08	05	<2331-2340>		A3E		BRM	DOMESTIC	DOMESTIC SERVICE BROADCASTS MYANMAR	MK82	ARSI	
7110		2012	08	29	<1045>	1045	A3E		MYA	Kachin	B-C strn. Myanmar (Kachin Radio)	RF72LQ	NZART	ZL1BAD
7112	3	2012	08	26	1614		JM	non	non	non	moter boat type DAILY, 8 SUBCARRIERS ON 200 HZ CENTRES	PM97	JARL WIA	non VK4TJ
7117.0	5	2012	8	1	1140		G7D					QG52xi		
7118	3	2012	08	09	1612		JM	non	non	non	moter boat type	PM97	JARL	non
7118	3	2012	08	09	1716		JM	non	non	non	moter boat type DAILY, CODAR, SWEEPS 40 KHZ	PM97	JARL WIA	non VK4TJ
7120.0	40	2012	8	5	1945		VXX				R/T Network - phones, with Guard Carrier	QG52xi		
7120		2012	08	09	<0805>	0805	?		?	Unid		RF72LQ	NZART	ZL1BAD
7125	30	2012	08	05	<1950>	1950	P0N		?	Unid	3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7135	0.5	2012	08	01	1716		A1A	non	non	non	unkown	PM97	JARL	non
7136.1	3	2012	8	4	1015		J3E/U		INS		BAHASA	QG52xi	WIA	VK4TJ
7145.0	3	2012	8	7	2010		J3E/U				CHINESE HF Man Pack 6-PSK S1	QG52xi	WIA	VK4TJ
7147		2012	08	11	<2023>	2023	G7DF		?	Unid	Chinese Talk and Music	RF73MF	NZART	ZL1GWE
7150	5	2012	08	30	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7150	3	2012	08	30	2206		A3E	non	CHN	non	Chinese Talk and Music HF Man Pack 8-PSK S1	PM97	JARL	non
7156		2012	08	02	<1853>	1853	G7DF		?	Unid	MANY SUBCARRIERS ON 33 HZ INTERVALS ASIAN, NOT CHINESE	RF73MF	NZART WIA	ZL1GWE VK4TJ
7158.0	5	2012	8	1	1140		G7D					QG52xi	WIA	VK4TJ
7170.9	3	2012	8	1	0815		J3E/L				BAHASA	QG52xi	WIA	VK4TJ
7171.7	3	2012	8	4	1010		J3E/U		INS			QG52xi	WIA	VK4TJ
7176.0	1	2012	8	31	1830		F1B	250				QG52xi	WIA	VK4TJ
7178.0	3	2012	8	4	1010		J1C					QG52xi	WIA	VK4TJ
7180		2012	08	03	<0355>	0355	A3E		?	Unid	B-C strn.	RF72LQ	NZART	ZL1BAD
7185	3.3	2012	08	15	<2000>	2000	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD

7195.0	6	2012	8	7	0930	A3E				SW BROADCAST	QG52xi	WIA	VK4TJ
7196.0	5	2012	8	1	1145	G1D				HEAVY PSK	QG52xi	WIA	VK4TJ
7200.0	6	2012	8	1	0815	A3E		SUD		DAILY, SW BROADCAST	QG52xi	WIA	VK4TJ
										SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM			
10101		2012	08	04	<0120-0130>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10101		2012	08	04	<0935-0945>	J3E/U		CLN	UNID	OTHER	MK82	ARSI	
10120.0	10	2012	8	27	2115	P0N				High Speed Japanese dialect non amateurs S5	QG52xi	WIA	VK4TJ
10126		2012	08	06	<1728>	J3E/U		?	Unid	SW BROADCAST	RE68XL	NZART	ZL2TZE
10140.0	8	2012	8	2	0955	A3E		KRE		MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14000.0		2012	8	9	0740	A1A				DAILY, ASIAN, FISHBOATS, ENGINE NOISE, SINGING	QG52xi	WIA	VK4TJ
14000.0	3	2012	8	1	0755	J3E/U				Group of males, talk and re-play Music from broadcaster	QG52xi		
14000	3	2012	8		00:20--01:30	J3E/U	315	CLN		2 males , long talks	OF84wx	WIA	VK6XW
14000	3	2012	8		07:00---8:58	J3E/U	315	CLN		2 males talking all the time!	OF84wx	WIA	VK6XW
14000	3	2012	8		23:15--00:40	J3E/U	315	CLN		2 males on--off, about 4 times per hr.	OF84wx	WIA	VK6XW
14000	3	2012	8		01:20--04:50	J3E/U	315	CLN		group of males, below S 1	OF84wx	WIA	VK6XW
14000	3	2012	8		06:16--06:40	J3E/U	315	CLN		Re-Broadcast, singing and music, on-off	OF84wx	WIA	VK6XW
14000	3	2012	8		07:15--08*43	J3E/U	315	CLN		Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8		<23:15--23:33	J3E/U	315	CLN		2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	8		03:45--05:40	J3E/U	315	CLN		2 males	OF84wx	WIA	VK6XW
14000	3	2012	8		23:08--23:55	J3E/U	315	CLN		2 males	OF84wx	WIA	VK6XW
14000	3	2012	8		01:12--01:30	J3E/U	315	CLN		Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8		06:55--07:00	J3E/U	315	CLN		Group of males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	8		07:12--09:30	J3E/U	315	CLN		1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8		00:20--00:22	J3E/U	315	CLN		1 male calling , no reply	OF84wx	WIA	VK6XW
14000	3	2012	8		00:46--00:49	J3E/U	315	CLN		2 males	OF84wx	WIA	VK6XW
14000	3	2012	8		01:30--01:46	J3E/U	315	CLN					

14000	3	2012	8	5	06:40--07:30	J3E/U	315	CLN	2 males,	OF84wx	WIA	VK6XW
14000	3	2012	8	5	23:53--01:04	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	6	03:17--03:23	J3E/U	315	CLN	Terrible music only	OF84wx	WIA	VK6XW
14000	3	2012	8	6	06:46--07:12	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	7	00:00--00:01	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	7	01:30--01:31	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	7	00:50--01:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	7	01:20--04:30	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	7	05:10--05:22	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	7	08:49--09:14	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	7	23:21--23:22	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	7	23:58--00:22	J3E/U	315	CLN	2 malea	OF84wx	WIA	VK6XW
14000	3	2012	8	8	01:04--01:30	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	8	<05:00--05:45	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	8	09:05--09:31	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	8	23:18--00:20	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	9	00:30--01:33	J3E/U	315	CLN	Group of males, 1 male singing (terrible!)	OF84wx	WIA	VK6XW
14000	3	2012	8	9	01:50--02:03>	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	9	<07:55--08:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	9	23:43--00:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	10	03:25--03:42	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	10	07:11--07:14	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	10	23:25--00:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	10	<23:45--00:10	J3E/L	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	11	23:45--23:46	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	12	00:15--00:16	J3E/U	315	CLN	1 male calloing, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	12	05:45--06:12	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	8	12	07:50--08:40>	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	12	23:28--23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	13	01:28--01:32	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	13	03:30--04:12	J3E/U	315	CLN	2 males, short talk, about 4 timesper hr.	OF84wx	WIA	VK6XW
14000	3	2012	8	13	05:33--06:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	13	06:50--06:55	J3E/U	315	CLN	1 male calling for 5 minutes, ne reply	OF84wx	WIA	VK6XW
14000	3	2012	8	13	07:40--10:15	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	13	23:20--23:45	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	14	02:08--05:15	J3E/U	315	CLN	2 males, on-off very few calls	OF84wx	WIA	VK6XW
14000	3	2012	8	14	06:47--07:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW

14000	3	2012	8	14	08:10--09:15	J3E/U	315	CLN	2 males, talking all the time	OF84wx	WIA	VK6XW
14000	3	2012	8	14	23:10--23:33	J3E/U	315	CLN	1 male calling , no reply then playing music	OF84wx	WIA	VK6XW
14000	3	2012	8	15	00:00--00:02	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	15	00:25--01:00	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	15	01:20--06:45	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	8	15	06:45--09:30	J3E/U	315	CLN	Music and singing and talking	OF84wx	WIA	VK6XW
14000	3	2012	8	16	06:00--06:12	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	16	06:50--09:50	J3E/U	315	CLN	Group of males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	8	16	<23:15--00:15	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	17	01:23--01:50	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	17	04:22--04:50>	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	17	23:30--23:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	18	23:40--00:00	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	18	23:50--	J3E/U	315	CLN	2 males, on for short times	OF84wx	WIA	VK6XW
14000	3	2012	8	19	04:00--04:22	J3E/U	315	CLN	2 males, making short talks	OF84wx	WIA	VK6XW
14000	3	2012	8	19	07:02--07:30	J3E/U	315	CLN	2 males talking all the time	OF84wx	WIA	VK6XW
14000	3	2012	8	19	23:42--00:20	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	20	05:45--06:10	J3E/U	315	CLN	2 males, short calls, on-Off	OF84wx	WIA	VK6XW
14000	3	2012	8	20	23:10--23:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	21	00:10--02:12	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	21	06:50--07:23	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	21	08:08--08:53	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	21	23:40--00:38	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	22	01:15--02:20	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	22	02:25--09:10	J3E/U	315	CLN	Group of males calling about 4 times per hour	OF84wx	WIA	VK6XW
14000	3	2012	8	22	23:27--01:00	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	22	23:23--01:12	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	23	23:24--02:15	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	23	04:12--08:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	24	23:15--00:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	25	01:12--04:53	J3E/U	315	CLN	2 males, on-off about 4 times/hr	OF84wx	WIA	VK6XW
14000	3	2012	8	25	05:50--08:35	J3E/U	315	CLN	Group of males, vy active at 06:30Z	OF84wx	WIA	VK6XW
14000	3	2012	8	25	23:13--23:22	J3E/U	315	CLN	several males calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	25	23:32--00:20	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	26	01:00--01:50	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	8	26	04:12--04:35	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW

14000	3	2012	8	26	06:35--07:00	J3E/U	315	CLN	Group of males, vy noisy play B/cast radio and singing	OF84wx	WIA	VK6XW
14000	3	2012	8	26	08:00--08:08	J3E/U	315	CLN	long call, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	26	08:24--08:30	J3E/U	315	CLN	2 males, short chat	OF84wx	WIA	VK6XW
14000	3	2012	8	26	23:15--01:13	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	27	01:30--03:50	J3E/U	315	CLN	2 males, of-on every few minutes	OF84wx	WIA	VK6XW
14000	3	2012	8	27	04:20--07:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	27	23:10--00:50	J3E/U	315	CLN	2 males, very active	OF84wx	WIA	VK6XW
14000	3	2012	8	28	01:12--05:05	J3E/U	315	CLN	2 males calling 4-5 times per hour	OF84wx	WIA	VK6XW
14000	3	2012	8	28	06:10--09:08	J3E/U	315	CLN	2 males. on-off and misic and singing	OF84wx	WIA	VK6XW
14000	3	2012	8	28	23:05--23:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	29	00:30--02:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	29	03:22--05:10	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	8	29	06:32--09:22	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	29	<23:10--23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	30	00:30--00:56	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	8	30	01:50--04:10	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	8	30	04:50--06:10	J3E/U	315	CLN	2 males. short calls, 4 times per hr	OF84wx	WIA	VK6XW
14000	3	2012	8	29	23:05--23:06	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	8	31	00:47--00:52	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	8	31	04:08--05:33	J3E/U	315	CLN	2 males, on-off	Of84wx	WIA	VK6XW
14000	3	2012	8	31	07:30--07:32	J3E/U	315	CLN	2 males , at 08:10Z one call, no reply	OF84wx	WIA	VK6XW
14001.2	3	2012	8	17	02:25--02:52	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14001.4	3	2012	8	3	01:30--01:40	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14001.4	3	2012	8	29	00:10--00:20	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14002.1	3	2012	8	9	0735	J3E/U			ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
14002.2	3	2012	8	5	01:12--01:25	J3E/L	315	CLN	Group of males	OF84wx	WIA	VK6XW
14004.4	3	2012	8	31	<23:50--00:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14004.8	3	2012	8	4	0810	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14005.0	8	2012	8	31	2225	A3E		PHL	VOA IMD	QG52xi	WIA	VK4TJ
14005.0	3	2012	8	1	0805	J3E/U			DAILY, ASIAN SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY -- 2 OM	QG52xi	WIA	VK4TJ
14005		2012	08	07	<0140-0150>	J3E/U		CLN UNID		MK82	ARSI	
14005		2012	08	09	<0130-0150>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN	MK82	ARSI	

											SINHALA LANGUAGE ONLY – 2 OM			
14005.7		2012	08	08	<0850>	0850	J3E/U		?	Unid	Asian Voices S5 SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	RF81WM	NZART	ZL2CC
14007.7		2012	08	04	<0935-0945>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008		2012	08	01	<0425-0435>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008		2012	08	07	<0200-0210>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008.2	3	2012	8	22	0955		J3E/L				ASIAN MANY SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
14010.0	5	2012	8	1	0755		G7D							
14010.5	3	2012	8	4	2220		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14011.1	3	2012	8	7	0850		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14014.0	3	2012	8	1	1135		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14015.5	3	2012	8	4	0810		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14015.9	3	2012	8	1	0800		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14020.0	3	2012	8	4	0810		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14020	3	2012	8		12 23:30--00:12		J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14020	3	2012	8		31 23:30--23:55		J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14021	12	2012	08	25	<0722>	0722- 0735	P0N		?	Unid	OTHR short bursts S5	RF73IJ	NZART	ZL1TPH
14021.6	3	2012	8		15 23:17--02:30		J3E/U		315	CLN	Group of males DAILY, ASIAN. FISHBOATS, ENGINE NOISE	OF84wx	WIA	VK6XW VK4TJ
14021.8	3	2012	8	13	0955		J3E/U					QG52xi		
14026.3	3	2012	8		20 <00:43--01:40		J3E/L		315	CLN	2 males	OF84wx	WIA	VK6XW
14026.7	3	2012	8	20	1010		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14027.0	3	2012	8	15	0835		J1C				DAILY	QG52xi	WIA	VK4TJ
14030.5	3	2012	8		12 23:15--23:30		J3E/L		315	CLN	2 males	OF84wx	WIA	VK6XW
14031.7	3	2012	8	31	1020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14033.0	3	2012	8	23	0850		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14033.1	3	2012	8	1	0800		J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14034.5	3	2012	8		14 00:05--00:30		J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW

14035		2012	08	04	<0935-0945>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14035.8	3	2012	8	1	0800	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14036.2	3	2012	8	10	1135	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14036.3		2012	08	05	<0315-0320>	J3E/U		CHN	UNID	CHINESE FISHING TRAWLERS IN DIALECTS	MK82	ARSI	
14036.5	3	2012	8	13	0945	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
										TAGALOG. ENGINE NOISE. KIDS		WIA	VK4TJ
14044.8	3	2012	8	12	0950	J3E/U		PHL		TALKING TO DADDY	QG52xi		
14045.0	1	2012	8	14	0800	G1D				SHORT BURSTS	QG52xi	WIA	VK4TJ
14045.0	1	2012	8	22	0810	F1B	300			SHORT BURSTS	QG52xi	WIA	VK4TJ
14045.6	3	2012	8	22	1005	J3E/U				CHINESE	QG52xi	WIA	VK4TJ
										10 SUBCARRIERS		WIA	VK4TJ
14047.0	5	2012	8	18	0710	G7D				ON 200 HZ			
14047.4	3	2012	8	2	0920	J3E/U				INTERVALS	QG52xi		
										DAILY, ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2012	8	4	0630	J3E/U		PHL		ALL DAY EVERY DAY. TAGALOG	QG52xi	WIA	VK4TJ
14050.0	10	2012	8	12	0105	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
										OTHR short bursts S9 (two separate beam heading with each 1/2 pulse)			
14050.5	15	2012	08	25	<0747>	P0N	0747-0808	?	Unid	SPANISH OR PORTUGUESE	RF73IJ	NZART	ZL1TPH
14050.6	3	2012	8	28	0810	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14053.8	3	2012	8	2	0950	J3E/L				DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14056.4	3	2012	8	10	2350	J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14057.5	3	2012	8	31	1010	J3E/U				CHINESE	QG52xi		
14060.0	40	2012	8	3	0740	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14064.5	3	2012	8	10	0835	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14065.9	3	2012	8	5	0705	J3E/U				SPANISH SPEAKING	QG52xi	WIA	VK4TJ
14066.8	3	2012	8	13	0955	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
										6 TRIOS OF SUBCARIERS ON		WIA	VK4TJ
14070.0	5	2012	8	23	0840	G7D				500 HZ INTERVALS	QG52xi		
14080.0	1	2012	8	28	1005	F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
										>100 SUBCARRIERS		WIA	VK4TJ
14083.0	5	2012	8	10	1135	G7D				ON 50 HZ			
14087.0	3	2012	8	10	0840	J3E/U				INTERVALS	QG52xi	WIA	VK4TJ
14090.0	3	2012	8	31	1135	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14090.0	30	2012	8	2	0940	VXX				ASIAN	QG52xi	WIA	VK4TJ
										DAILY, CODAR, SWEEPS 30 KHZ	QG52xi		

14091.8	3	2012	8	3	0815		J3E/U				DAILY, ASIAN CODAR Sea State. Noted freq. is centre freq.	QG52xi	WIA	VK4TJ
14095	55	2012	08	04	<0915>	0915	VXX		?	Unid		RF72LQ	NZART	ZL1BAD
14098.6	3	2012	8	13	0945		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14100.0	3	2012	8	7	0850		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14100.9	3	2012	8	15	0830		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14107.7	3	2012	8	2	0945		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14110.0	40	2012	8	11	0750		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14111.1	3	2012	8	10	1010		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14112.1	3	2012	8	1	0800		J3E/U				DAILY, MUSIC, ASIAN	QG52xi	WIA	VK4TJ
14124.1	3	2012	8	15	0830		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14127.0	1	2012	8	1	0810		G7D				2 SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA	VK4TJ
14140.1	3	2012	8	8	0845		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14143.0	3	2012	8	8	0845		F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14145.0	40	2012	8	9	0745		P0N				OTHR, SHORT BURSTS	QG52xi	WIA	VK4TJ
14148.5	11	2012	08	12	<0001>	0001- 0012	P0N		?	Unid	OTHR short bursts S1 (not strong, weak)	RF73IJ	NZART	ZL1TPH
14157.0	3	2012	8	7	0855		J3E/U				DAILY, ASIAN, FAMILY NET 2-OM IN QSO IN UNKNOWN LANGUAGE	QG52xi	WIA	VK4TJ
14159		2012	08	27	<1255-1300>		J3E/U		UNID	UNID	NL06	ARSI	WIA	VK4TJ
14159.6	3	2012	8	10	1010		J3E/L				DAILY, ASIAN OTHR, SHORT BURSTS	QG52xi	WIA	VK4TJ
14160.0	40	2012	8	9	0720		P0N					QG52xi		
14168	12	2012	08	25	<0736>	0736- 0742 0418- 0542	P0N		?	Unid	OTHR short bursts S9	RF73IJ	NZART	ZL1TPH
14178.5	11	2012	08	28	<0418>		P0N		?	Unid	OTHR short bursts S8	RF73IJ	NZART	ZL1TPH
14185.0	40	2012	8	11	0800		P0N				OTHR, BURSTS Non-printable plus idle sigs	QG52xi	WIA	VK4TJ
14192		2012	08	10	<1915>	1915	F1B	250	?	Unid	OTHR or hi speed	RF72LQ	NZART	ZL1BAD
14203		2012	08	26	<1515>	1515 0306- 0307	P0N		?	Unid	CODAR S6	RE68XL	NZART	ZL2TZE
14207.5	11	2012	08	19	<0306>		P0N		?	Unid	OTHR short bursts S3	RF73IJ	NZART	ZL1TPH
14225	30	2012	08	13	<0420>	0420- 0500	P0N		?	Unid	3 sec burst every 30 secs. 54 PPS	RF72LQ	NZART	ZL1BAD
14225.5	11	2012	08	13	<0435>	0435- 0610	P0N		?	Unid	OTHR short bursts S9 (very strong and long time duration)	RF73IJ	NZART	ZL1TPH
14230.0	40	2012	8	11	0800		P0N				OTHR, BURSTS APPROX 10 SUBCARRIERS ON 180 HZ INTERVALS	QG52xi	WIA	VK4TJ
14236.0	5	2012	8	9	0750		G7D					QG52xi	WIA	VK4TJ
14238.0	1	2012	8	25	0725		F1B	250				QG52xi	WIA	VK4TJ

14249.9	3	2012	8	8	0850		J3E/L			ASIAN	QG52xi	WIA	VK4TJ	
14252.0	3	2012	8	15	0830		J3E/U			ASIAN	QG52xi	WIA	VK4TJ	
										MASSIVE PSK. SOUNDS LIKE SELCALL OR ALE		WIA	VK4TJ	
14254.0	3	2012	8	7	0915		G1D				QG52xi			
14255.0	40	2012	8	13	0340		P0N			OTHR, BURSTS MANY SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ	
14256.0	5	2012	8	9	0750		G7D				QG52xi			
14256.8	11	2012	08	25	<0446>	0446- 0610	P0N		?	Unid	OTHR short bursts S5	RF73IJ	NZART	ZL1TPH
14260.0	40	2012	8	11	0750		P0N				QG52xi	WIA	VK4TJ	
14260		2012	08	20	<0606>	0606	P0N		?	Unid	OTHR	RE68XL	NZART	ZL2TZE
						2203- 2225	P0N		?	Unid	OTHR short bursts S9 (very strong) OTHR short bursts S1 (getting very weaker around 0545)	RF73IJ	NZART	ZL1TPH
14262	12	2012	08	17	<2203>									
14262	12	2012	08	20	<0457>	0457- 0555	P0N		?	Unid		RF73IJ	NZART	ZL1TPH
14263.0	3	2012	8	7	0920		J3E/L				QG52xi	WIA	VK4TJ	
14270.0	40	2012	8	20	0645		P0N				QG52xi	WIA	VK4TJ	
						0419- 0649	P0N		?	Unid	OTHR short bursts S3 (heard for two and half hours continuous)	RF73IJ	NZART	ZL1TPH
14273	10	2012	08	22	<0419>									
14275.0	40	2012	8	31	2225		P0N				QG52xi	WIA	VK4TJ	
						2347- 0055	P0N		?	Unid	OTHR short bursts S6 (note 17th August / 18th August UTC)	RF73IJ	NZART	ZL1TPH
14277.5	11	2012	08	17	<2347>									
14280		2012	08	26	<2147>	2147	P0N		?	Unid	OTHR S5 Triplets	RE68XL	NZART	ZL2TZE
14289.3	3	2012	8	4	1025		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
											LOOKS LIKE WHITE NOISE OR JAMMING SIGNAL ON			
14292.0	5	2012	8	23	0900		G1D				WATERFALL	QG52xi		
14300.0	40	2012	8	13	0340		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14304.8	3	2012	8	4	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
						0720- 0755	P0N		?	Unid	OTHR short bursts S7 OTHR via WebSDR	RF73IJ	NZART	ZL1TPH
14305	12	2012	08	20	<0720>									
14307	10	2012	08	20	<1952>	1952	P0N		?	Unid	Netherlands	RE68XL	NZART	ZL2TZE
14308.2	3	2012	8	10	0845		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14310.0	40	2012	8	20	0720		P0N				OTHR, BURSTS DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14311.7	3	2012	8	7	0855		J3E/U					QG52xi		
14314.4	3	2012	8	13	0950		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14326.7	3	2012	8	4	1025		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14331.1	3	2012	8	21	0940		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14332.5	3	2012	8	7	0920		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14333.3	3	2012	8	21	0940		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14333.8	3	2012	8	4	1020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14336	12	2012	08	24	<2354>	2354-	P0N		?	Unid	OTHR short bursts S9	RF73IJ	NZART	ZL1TPH

14338.0	1	2012	8	1	0805	0004	F1B	850			DAILY 2-OM IN QSO IN UNKNOWN LANGUAGE	QG52xi	WIA	VK4TJ
14338.6		2012	08	23	<1150-1155>		J3E/U		UNID	UNID		NL06	ARSI	
14339.0	3	2012	8	1	0805		J3E/U				ASIAN MANY SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14340.0	3	2012	8	3	0820		G7D				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18060.0	30	2012	8	11	0850		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18070.0	20	2012	8	4	0810		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18075.0	20	2012	8	15	0916		P0N				OTHR continuous S9 (span 18076 to 18100 kHz)	QG52xi		
18088	24	2012	08	30	<0415>	0415-0427	P0N		?	Unid		RF73IJ	NZART	ZL1TPH
18088.5	23	2012	08	25	<0418>	0418-0429	P0N		?	Unid	OTHR continuous S9 (very strong signal)	RF73IJ	NZART	ZL1TPH
18089	22	2012	08	16	<0305>	0305-0306	P0N		?	Unid	OTHR continuous S7	RF73IJ	NZART	ZL1TPH
18089	22	2012	08	16	<0500>	0500-0529	P0N		?	Unid	OTHR continuous S7	RF73IJ	NZART	ZL1TPH
18094.5	21	2012	08	17	<0425>	0425-0430	P0N		?	Unid	OTHR continuous S3	RF73IJ	NZART	ZL1TPH
18140		2012	08	14	<0500>	0500	P0N	330	?	Unid	OTHR S9 1 second bursts every 20 seconds	RF81WM	NZART	ZL2CC
18150.0	20	2012	8	19	0705		P0N				OTHR, LONG BURSTS	QG52xi	WIA	VK4TJ
18159.5	11	2012	08	27	<0656>	0656-0706	P0N		?	Unid	OTHR short bursts S5 (same strength in the Netherlands WebSDR)	RF73IJ	NZART	ZL1TPH
18160.0	20	2012	8	4	2125		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21000.0	1	2012	8	25	0135		F1B	300				QG52xi		
21000	25	2012	08	30	<0321>	0321-0330	P0N		?	Unid	OTHR continuous S9 (21000 to 21011 CW segment 15 m band)	RF73IJ	NZART	ZL1TPH
21000.1	3	2012	8	13	0005		J3E/U				ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21005.4	3	2012	8	5	0820		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21012.3	3	2012	8	26	0715		J3E/L				ASIAN, KIDS TALKING TO DADDY	QG52xi		
21013.5	21	2012	08	18	<0507>	0507-0515	P0N		?	Unid	OTHR continuous S7 (21003 to 21024 CW section wiped out)	RF73IJ	NZART	ZL1TPH
21030.0	1	2012	8	25	0135		F1B	300				QG52xi	WIA	VK4TJ
21045.7	3	2012	8	13	0000		J3E/L				ASIAN	QG52xi	WIA	VK4TJ

21049.2	3	2012	8	13	2305	0418-0450	J3E/U	?	Unid	ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21082	12	2012	08	20	<0418>		P0N			OTHR short bursts S9	RF73IJ	NZART WIA	ZL1TPH VK4TJ
21090.0	20	2012	8	31	0955		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21100.0	20	2012	8	16	0720		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21105.2	3	2012	8	9	0755		J3E/L			ASIAN DAILY, ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21111.1	3	2012	8	13	2300	0350-0351	J3E/U	?	Unid	ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
21122.2	3	2012	8	19	0150		J3E/U			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21135.0	20	2012	8	20	0805		P0N			OTHR, CONTINUOUS	QG52xi	NZART WIA	ZL1TPH VK4TJ
21135.5	11	2012	08	16	<0350>		P0N			OTHR continuous S7	RF73IJ	NZART WIA	ZL1TPH VK4TJ
21140.0	20	2012	8	15	0740		P0N			OTHR, LONG BURSTS, VERY DIFFERENT SOUND TO KEYING	QG52xi		
21144	28	2012	08	24	<0428>	0428-0451	P0N	?	Unid	OTHR continuous S9 (strong) (band edge of OTHR heard 30 dB down)	RF73IJ	NZART WIA	ZL1TPH VK4TJ
21150.0	40	2012	8	1	0750		P0N			OTHR, SHORT BURSTS	QG52xi		
21153.5	21	2012	08	13	<0638>	0638-0648 0415-0416	P0N	?	Unid	OTHR continuous S2 then faded to S1 (very weak towards the end)	RF73IJ	NZART	ZL1TPH
21193.5	11	2012	08	22	<0415>		P0N			OTHR continuous S8 (strong)	RF73IJ	NZART	ZL1TPH
21198.5	23	2012	08	14	<0415>	0415-0419	P0N	?	Unid	OTHR continuous (times are actual start to finish) S9 very strong	RF73IJ	NZART WIA	ZL1TPH VK4TJ
21260.0	40	2012	8	1	0735		P0N			OTHR, SHORT BURSTS	QG52xi	WIA	VK4TJ
21270.0	40	2012	8	8	0830	0637-0654	P0N	?	Unid	OTHR, LONG BURSTS, VERY DIFFERENT SOUND TO KEYING	QG52xi	WIA	VK4TJ
21273.0	3	2012	8	1	0715		G7D			MANY SUBCARRIERS ON 50 HZ INTERVALS	QG52xi		
21284.5	11	2012	08	28	<0637>		P0N			OTHR short bursts S8 (also S9+ Melbourne WebSDR)	RF73IJ	NZART	ZL1TPH
21287.5	11	2012	08	24	<0534>		P0N			OTHR short bursts S9 (signature tone)	RF73IJ	NZART	ZL1TPH
21290.0	40	2012	8	4	0800		P0N			OTHR, SHORT	QG52xi	WIA	VK4TJ

										BURSTS				
21291.5	11	2012	08	04	<0620>	0620-0625	P0N		?	Unid	OTHR S3 to S8 (dual bursts also) strong a weak, adhoc	RF73IJ	NZART	ZL1TPH
21293.5	11	2012	08	04	<0149>	0149-0152	P0N		?	Unid	OTHR short bursts S3 (only lasted 3 minutes start to finish)	RF73IJ	NZART	ZL1TPH
21293.5	11	2012	08	10	<0618>	0618-0700	P0N		?	Unid	OTHR S3 to S8 (dual bursts also) strong a weak, adhoc	RF73IJ	NZART	ZL1TPH
21293.5	9	2012	08	12	<0020>	0020-0050	P0N		?	Unid	OTHR short bursts S1 (long duration, same as above on 20 metres)	RF73IJ	NZART	ZL1TPH
21293.5	11	2012	08	16	<0336>	0336-0349	P0N		?	Unid	OTHR short bursts S7 (signature tone)	RF73IJ	NZART	ZL1TPH
21293.5	11	2012	08	25	<0709>	0709-0710	P0N		?	Unid	OTHR short bursts S7 (signature tone)	RF73IJ	NZART	ZL1TPH
21294	8	2012	08	06	<0455>	0455-0503	P0N		?	Unid	OTHR short bursts S2 (weak but the odd strong burst)	RF73IJ	NZART	ZL1TPH
21294	12	2012	08	09	<0413>	0413-0420	P0N		?	Unid	OTHR short bursts S3	RF73IJ	NZART	ZL1TPH
21294	12	2012	08	29	<0715>	0715-0747	P0N		?	Unid	OTHR short bursts S8	RF73IJ	NZART	ZL1TPH
21294.5	5	2012	08	13	<0625>	0625-0635	P0N		?	Unid	OTHR 0 dB SNR (very weak) signature tone 21293.62 kHz	RF73IJ	NZART	ZL1TPH
21295.5	11	2012	08	01	<0410>	0410-0615	P0N		?	Unid	OTHR short bursts S3	RF73IJ	NZART	ZL1TPH
21295.5	11	2012	08	02	<0445>	0445-0450	P0N		?	Unid	OTHR short bursts S3 (only lasted 5 minutes from start to finish)	RF73IJ	NZART	ZL1TPH
21295.5	11	2012	08	02	<0525>	0525-0545	P0N		?	Unid	OTHR short bursts S3 (started up again at 0525)	RF73IJ	NZART	ZL1TPH
21298.5	23	2012	08	21	<0555>	0555-0527	P0N		?	Unid	OTHR continuous S8 (strong)	RF73IJ	NZART	ZL1TPH
21305.5	3	2012	8	7	0745		F1B	1000			UNUSUAL SHIFT	QG52xi	WIA	VK4TJ
21312.5	11	2012	08	24	<2336>	2336-2352	P0N		?	Unid	OTHR short bursts S5	RF73IJ	NZART	ZL1TPH
21318.5	23	2012	08	24	<0406>	0406-0410	P0N		?	Unid	OTHR continuous S9 (strong) (rather slow pulse rate)	RF73IJ	NZART	ZL1TPH
21383.5	11	2012	08	12	<0336>	0336-0550	P0N		?	Unid	OTHR short bursts S7 (faded to S1 at 0530 with prop after sunset)	RF73IJ	NZART	ZL1TPH
21395.0	3	2012	8	4	0800		F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
21395	11	2012	08	16	<0605>	0605-0650	P0N		?	Unid	OTHR short bursts S3 (long breaks between bursts)	RF73IJ	NZART	ZL1TPH
21398.5	21	2012	08	25	<0636>	0636-	P0N		?	Unid	OTHR continuous S5	RF73IJ	NZART	ZL1TPH

0709

21413.5	21	2012	08	29	<0508>	0508-0634	P0N	?	Unid	OTHR continuous S7 (same strength in the Netherlands WebSDR)	RF73IJ	NZART	ZL1TPH
21414	20	2012	08	17	<0505>	0505-0524	P0N	?	Unid	OTHR continuous S1 (not strong at all) OTHR, SHORT BURSTS	RF73IJ	NZART WIA	ZL1TPH VK4TJ
24900.0	40	2012	8	25	0545		P0N				QG52xi		
24905.0	6	2012	8	11	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2012	8	18	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2012	8	12	0005		A3E			ASIAN	QG52xi	WIA	VK4TJ
24955.0	6	2012	8	7	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2012	8	12	0010		A3E			ASIAN	QG52xi	WIA	VK4TJ
24975.0	6	2012	8	14	0730		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2012	8	4	2340		F3E			ASIAN	QG52xi	WIA	VK4TJ
28005.0	6	2012	8	3	2350		A3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2012	8	3	2325		A3E			ASIAN	QG52xi	WIA	VK4TJ
28025.0	6	2012	8	5	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2012	8	3	2350		A3E			ASIAN	QG52xi	WIA	VK4TJ
28042.0	6	2012	8	26	0220		A3E			ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2012	8	3	2350		A3E			ASIAN	QG52xi	WIA	VK4TJ
28050.0	6	2012	8	3	2325		A3E			ASIAN	QG52xi	WIA	VK4TJ
28052.7		2012	8	3	2355		A1A		4LDO	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28055.0	6	2012	8	3	2230		A3E			ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2012	8	11	2335		A3E			ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2012	8	5	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28075.0	3	2012	8	4	2345		A3E			ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2012	8	4	2345		A3E			ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2012	8	25	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28095.0	6	2012	8	25	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2012	8	3	2355		F3E			ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2012	8	3	2330		A3E			ASIAN	QG52xi	WIA	VK4TJ
28108.0	6	2012	8	11	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2012	8	3	2230		A3E			ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2012	8	3	2230		A3E			ASIAN	QG52xi	WIA	VK4TJ
28125.0	3	2012	8	3	2230		A3E			ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2012	8	3	2330		A3E			ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2012	8	3	2355		A3E			ASIAN	QG52xi	WIA	VK4TJ
28150.0	3	2012	8	3	2355		A3E			ASIAN	QG52xi	WIA	VK4TJ
28155.0	3	2012	8	6	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28165.0	3	2012	8	3	2330		A3E			ASIAN	QG52xi	WIA	VK4TJ
28170.0	3	2012	8	19	0005		A3E			ASIAN	QG52xi	WIA	VK4TJ
28175.0	6	2012	8	3	2330		F3E			ASIAN	QG52xi	WIA	VK4TJ
28185.0	6	2012	8	3	2355		F3E			ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2012	8	3	2330		A3E			ASIAN	QG52xi	WIA	VK4TJ

28200.0	6	2012	8	5	0810	A3E	5AJS	ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2012	8	3	2330	A3E		ASIAN	QG52xi	WIA	VK4TJ
28212.5	6	2012	8	15	0715	A3E		ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2012	8	4	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28225.0	6	2012	8	3	2330	A3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2012	8	4	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2012	8	4	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28240.0		2012	8	4	2350	A1A		DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28245.0	6	2012	8	4	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	6	2012	8	4	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2012	8	4	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28260.0	6	2012	8	31	2245	A3E		ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2012	8	5	0025	A3E		ASIAN	QG52xi	WIA	VK4TJ
28275.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2012	8	3	2225	A3E		ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2012	8	3	2330	A3E		ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2012	8	14	0715	F3E		ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2012	8	4	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2012	8	5	0025	A3E		ASIAN	QG52xi	WIA	VK4TJ
28325.0	6	2012	8	4	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2012	8	4	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28350.0	6	2012	8	11	0000	F3E		ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2012	8	4	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28375.0	6	2012	8	4	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2012	8	5	0030	A3E		ASIAN	QG52xi	WIA	VK4TJ
28392.0	6	2012	8	18	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28395.0	6	2012	8	5	0030	A3E		ASIAN	QG52xi	WIA	VK4TJ
28400.0	6	2012	8	5	0030	A3E		ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2012	8	3	2335	A3E		ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28425.0	6	2012	8	3	2335	A3E		ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28437.5	6	2012	8	9	0805	A3E		ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2012	8	31	2245	A3E		ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2012	8	5	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28475.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28480.0	6	2012	8	3	2335	A3E		ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28495.0	6	2012	8	18	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2012	8	5	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2012	8	4	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28525.0	6	2012	8	3	2335	A3E		ASIAN	QG52xi	WIA	VK4TJ

28530.0	6	2012	8	3	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2012	8	3	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2012	8	9	0805	A3E	ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2012	8	4	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2012	8	4	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28575.0	6	2012	8	4	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2012	8	4	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2012	8	5	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2012	8	5	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2012	8	5	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2012	8	5	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28630.0	50	2012	8	15	0720	A2A	LIKE MCW BUT MUCH WIDER	QG52xi	WIA	VK4TJ
28635.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2012	8	4	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28675.0	6	2012	8	4	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2012	8	4	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28705.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2012	8	5	0755	A3E	ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28725.0	6	2012	8	4	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2012	8	11	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28742.5	6	2012	8	14	0715	A3E	ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	6	2012	8	5	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2012	8	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2012	8	11	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	6	2012	8	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28785.0	6	2012	8	11	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28800.0	6	2012	8	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28805.0	6	2012	8	17	0730	A3E	ASIAN	QG52xi	WIA	VK4TJ
28812.5	6	2012	8	18	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2012	8	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28825.0	6	2012	8	11	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28837.5	6	2012	8	11	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28850.0	6	2012	8	5	0005	F3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	6	2012	8	11	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ

28865.0	6	2012	8	11	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	6	2012	8	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28887.5	6	2012	8	5	0800	A3E	ASIAN	QG52xi	WIA	VK4TJ
28895.0	6	2012	8	10	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28900.0	6	2012	8	10	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	6	2012	8	31	2250	A3E	ASIAN	QG52xi	WIA	VK4TJ
28925.0	6	2012	8	5	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2012	8	3	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	6	2012	8	11	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2012	8	11	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
28965.0	6	2012	8	18	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	6	2012	8	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	6	2012	8	18	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	6	2012	8	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	6	2012	8	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2012	8	10	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	6	2012	8	11	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29035.0	6	2012	8	4	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	6	2012	8	11	0050	F3E	ASIAN	QG52xi	WIA	VK4TJ
29060.0	6	2012	8	4	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	6	2012	8	5	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29080.0	6	2012	8	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29095.0	6	2012	8	25	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	6	2012	8	4	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29120.0	6	2012	8	26	0335	A3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	6	2012	8	4	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29140.0	6	2012	8	5	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29145.0	6	2012	8	18	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
29150.0	6	2012	8	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29155.0	6	2012	8	12	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2012	8	9	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ
29165.0	6	2012	8	10	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	6	2012	8	4	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2012	8	10	0010	F3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2012	8	4	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29205.0	6	2012	8	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29215.0	6	2012	8	12	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	6	2012	8	5	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29235.0	6	2012	8	10	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2012	8	10	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29240.0	6	2012	8	18	2340	A3E	ASIAN, SW BROADCAST	QG52xi	WIA	VK4TJ
29250.0	6	2012	8	11	0055	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	6	2012	8	12	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	6	2012	8	5	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ

29300.0	6	2012	8	14	0725	A3E			ASIAN	QG52xi	WIA	VK4TJ
29325.0	6	2012	8	12	0000	A3E			ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2012	8	4	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2012	8	5	0050	A3E			ASIAN	QG52xi	WIA	VK4TJ
29375.0	6	2012	8	5	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29380.0	6	2012	8	31	2255	A3E			ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2012	8	12	0000	A3E			ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2012	8	18	0020	A3E			ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2012	8	14	0725	A3E			ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2012	8	31	2255	A3E			ASIAN	QG52xi	WIA	VK4TJ
29425.0	1	2012	8	26	0345	F1B	150			QG52xi	WIA	VK4TJ
29425.0	6	2012	8	5	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29435.0	6	2012	8	5	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2012	8	31	2255	A3E			ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2012	8	5	0405	A3E			ASIAN	QG52xi	WIA	VK4TJ
29462.5	6	2012	8	5	0405	A3E			ASIAN	QG52xi	WIA	VK4TJ
29475.0	6	2012	8	4	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2012	8	5	0350	A3E			ASIAN	QG52xi	WIA	VK4TJ
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29512.5	6	2012	8	5	0050	A3E			ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2012	8	12	0005	A3E			ASIAN	QG52xi	WIA	VK4TJ
29525.0	6	2012	8	5	0050	A3E			ASIAN	QG52xi	WIA	VK4TJ
29535.0	6	2012	8	31	0050	A3E			ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2012	8	5	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2012	8	5	0350	A3E			ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2012	8	5	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2012	8	5	0305	A3E			ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2012	8	5	0055	A3E			ASIAN	QG52xi	WIA	VK4TJ
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29634.4	6	2012	8	5	0305	J3E/L			ASIAN	QG52xi	WIA	VK4TJ
29650.0	6	2012	8	5	0055	A3E			ASIAN	QG52xi	WIA	VK4TJ
29662.5	6	2012	8	5	0100	A3E			ASIAN	QG52xi	WIA	VK4TJ
29675.0	6	2012	8	5	0055	A3E			ASIAN	QG52xi	WIA	VK4TJ
29687.5	6	2012	8	5	0055	A3E			ASIAN	QG52xi	WIA	VK4TJ
29697.1	3	2012	8	18	2345	J3E/U			ASIAN, ROUNDTABLE NET	QG52xi	WIA	VK4TJ
29700.0	6	2012	8	5	0100	A3E			ASIAN	QG52xi	WIA	VK4TJ
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