



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



October 2013

Peter Young VK3MV

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

This month there were 960 observations of intruders made across the Region as compared to last month number of 1321.

NZART reports the arrival on 13996 kHz, of a OFDM -12 tone Military data system - spreading into lower 20 metre Spectrum. Further reports needed. Also reported is the use of 'man Pack' digital system on 7000 kHz spreading into 40 meters.

Last month I reported increasing signs of OHR back in operation in the lower portion of 40 meters at night time. These have been reported to the Australian Regulatory body who has since written the Administration from where these emissions are occurring. No response has been received to date.

OHR systems logged on 15 and 20 meters continuing again this month operating in the higher portion of the bands. There were a number of OHR systems operating on 10 meters. More details in the attached data report.

There is the continual illegal use of 10 meters for local short range communications in a number of Asian countries. More details are provided in the attached data report.

Thank you to all the regional observers for their reports, these reports are needed and 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

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3524.0	3	2013	10	6	1910		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3553	3	2013	10	8		20:22	J3E						Japanese song wih no call sign		JARL	
3560	3	2013	10	16		21:51	J3E						Japanese song with no call sign		JARL	
3584.0	3	2013	10	6	1910		J1C						DAILY	QG52xi	WIA	VK4TJ
3623.0	3	2013	10	3	1925		J1C						DAILY	QG52xi	WIA	VK4TJ
3770	0.5	2013	10	27		23:31	A1A						random number(· · 3ndt n676 536u at5d · ·) h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	2		23:17	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	3		20:40	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	5		21:11	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	6		21:57	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	8		20:26	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	12		21:04	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	13		22:32	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	14		20:52	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	16		21:53	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	18		21:55	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	20		19:54	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	22		22:55	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	24		21:01	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	27		23:40	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	28		20:51	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	30		23:19	A1A						random number(· · a5dd 5i7d t33d dd3n · ·) h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2013	10	30		23:33	A1A						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
6970.0	100	2013	10	3	1945		P0N							QG52xi	WIA	VK4TJ
7000.0	5	2013	10	18	0955		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ

7000.0	3	2013	10	1	0830		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000		2013	10	DY	HX	HX	J3E/L		?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2013	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
7005.0	3	2013	10	1	0830		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005		2013	10	8	<1745>	1745	J3E/L		IND	Unid	Non Amateurs two gents speaking S9 within CW segment	RF80HL	NZART	ZL2iFB
7008.0	1	2013	10	16	2010		F1B	200			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
7010.0	3	2013	10	5	1150		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2013	10	1	0830		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010	120	2013	10	6	<1110>	1110	P0N		?	Unid	OTHR Out of band 120k spread to 7010	RF72LQ	NZART	ZL1BAD
7015.0	3	2013	10	1	0830		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7016.0	1	2013	10	18	1940		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
7020.0	3	2013	10	2	1150		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2013	10	15	0940		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2013	10	1	0825		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7029		2013	10	4	<1925>	1925-1955	F1B		?	Unid	Machine morse - Russian S5 - 97dbm	RF72LQ	NZART	ZL1BAD
7029.6	8	2013	10	15	1935		A3E				CHINESE INSTRUMENTAL MUSIC	QG52xi	WIA	VK4TJ
7030.0	5	2013	10	19	2035		G7D				DOZENS OF SUBCARRIERS ON RANDOM INTERVALS	QG52xi	WIA	VK4TJ
7030.0	5	2013	10	19	0930		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7030.0	5	2013	10	7	1900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7030.0	3	2013	10	2	1150		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2013	10	14	0950		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	5	2013		5	1020		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7030		2013	10	19	<1835>	1835	F7D		?	Unid	Idling on all chnls	RF72LQ	NZART	ZL1BAD

7031.7	3	2013	10	5	1920	J3E/U					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
7035		2013	10	10	<1845>	1845	F1B	200	?	Unid	Not printable	RF72LQ	NZART	ZL1BAD
7038.7		2013	10	5	1920		A1A		RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.8		2013	10	14	1940		A1A		RUS	P	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.9		2013	10	5	1920		A1A		RUS	S	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039	0.5	2013	10	10	<2200- 2215>		A1A		RUS	"P"	SINGLE LETTER BEACON "P"	MK82	ARSI	
7039		2013	10	DY	<1700>	1700-2035	A1A		RUS	M	Magadan - Beacon M - RTS	RF72LQ	NZART	ZL1BAD
7039		2013	10	DY	<1700>	1700-2035	A1A		RUS	K	Petropavlovsk - Beacon K - RCC	RF72LQ	NZART	ZL1BAD
7039		2013	10	DY	<1700>	1700-2035	A1A		RUS	F	Vladivostok - Beacon F - RJS	RF72LQ	NZART	ZL1BAD
7039		2013	10	DY	<1700>	1700-2035	A1A		RUS	P	Kaliningrad - Beacon P - RMP	RF72LQ	NZART	ZL1BAD
7039	0.5	2013	10	1	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	1	1620	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	1	1624	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	1	1730	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	1	1734	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	1	1820	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	1	1824	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	1	2220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	2	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	2	1620	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	2	1730	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	2	1734	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	2	1840	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	2	2210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	3	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	3	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	3	1720	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	3	1840	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	8	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	8	1214	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	9	1020	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	9	1024	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	9	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	9	1604	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	10	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	10	1620	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	11	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	11	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2013	10	11	1730	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	11	2248	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	12	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	12	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	12	1730	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	13	1420	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	13	1730	H24	A1A	15	RUS	non	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	13	2230	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	14	1712	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	14	2248	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	15	1026	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	15	1030	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	15	1204	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	15	1206	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	15	1634	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	15	1710	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	15	2246	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	16	1208	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	16	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	16	1714	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	16	1830	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	16	2248	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	17	1004	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	17	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	17	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	17	1706	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	17	1832	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	17	2240	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	18	1006	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	18	1220	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	18	1710	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	18	1830	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	18	2228	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	19	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	19	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	19	1714	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	19	1830	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	19	2210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	20	1010	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	20	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	20	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	20	1718	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	20	1834	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	20	2210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	21	1016	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2013	10	21	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	21	1214	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	21	1720	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	21	1840	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	21	2220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	22	1010	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	22	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	22	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	22	1740	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	22	1920	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	22	2240	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	23	1720	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	23	1930	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	23	2232	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	24	1208	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	24	1910	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	24	2224	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	25	1010	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	25	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	25	1930	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	25	2220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	26	1020	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	26	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	26	1720	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	26	1840	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	26	2220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	27	1010	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	27	1230	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	27	1716	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	27	1912	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	27	1916	H24	A1A	37	non	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	27	2244	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	28	1008	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	28	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	28	1620	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	28	1710	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	28	1714	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	28	1816	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	28	1820	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	28	2230	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	29	1220	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	29	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	29	1724	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	29	1830	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	29	2236	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2013	10	30	1212	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	30	1610	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	30	1714	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	30	1830	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	30	2230	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	31	1210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	31	1214	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatsty
7039	0.5	2013	10	31	1604	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	31	1710	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	31	1830	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	10	31	2240	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.2		2013	10	1	0825		A1A		RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2013	10	1	0825		A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2013	10	DY	<1700>	1700-2035	A1A		RUS	S	Severomorsk - Beacon S - RIT	RF72LQ	NZART	ZL1BAD
7039.4		2013	10	DY	<1700>	1700-2035	A1A		RUS	C	Moscow - Beacon C - RIW	RF72LQ	NZART	ZL1BAD
7039.9		2013	10	DY	<1700>	1700-2035	A1A		RUS	A	Astrakhan (No call sign) - A	RF72LQ	NZART	ZL1BAD
7040.0	20	2013	10	16	1015		P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7040.0	5	2013	10	5	1920		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7040	0.5	2013	10	2		23:19	A1A				train of " M ", " K "		JARL	
7040	3	2013	10	3	1210	H24	P0N	non	non	non	unkown P0N?	PM97	JARL	non
7040	0.5	2013	10	3		20:42	A1A				train of " M "		JARL	
7040	0.5	2013	10	5		21:12	A1A				train of " M "		JARL	
7040	0.5	2013	10	6		21:58	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	8		20:27	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	12		21:08	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	13		22:33	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	14		20:54	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	15		16:57	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	16		21:55	A1A				train of " M "		JARL	
7040	0.5	2013	10	18		21:57	A1A				train of " M "		JARL	
7040	0.5	2013	10	20		19:57	A1A				train of " M "		JARL	
7040	0.5	2013	10	22		22:57	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	24		21:55	A1A				train of " M "		JARL	
7040	0.5	2013	10	26		18:36	A1A				train of " M ", " K "		JARL	
7040	0.5	2013	10	27		23:44	A1A				train of " M "		JARL	
7040	0.5	2013	10	28		20:54	A1A				train of " M ", " K "		JARL	
7043		2013	10	24	<0855>	0855	XXX		?	Unid	Similar to, but not, MT63.	RF72LQ	NZART	ZL1BAD
7050.0	20	2013	10	31	0810		P0N				OTHR, CONTINUOUS,	QG52xi	WIA	VK4TJ

7050.0	5	2013	10	5	1915		G7DF				SLOW PULSE RATE			
7050.3	3	2013	10	18	1200		J3E/U				HF MANPACK	QG52xi	WIA	VK4TJ
7070	40	2013	10	5	<1130>	1130	VXX		?	Unid	ASIAN MUSIC	QG52xi	WIA	VK4TJ
											CODAR	RF72LQ	NZART	ZL1BAD
											Continuous. 2 pps			
7082	3.3	2013	10	21	<1715>	1715	M7B		?	Unid	S5 -97dbm			
											Multi chnl - idling.	RF72LQ	NZART	ZL1BAD
7083		2013	10	7	<1750>	1750	XXX		?	Unid	S8 -79dbm			
											Spurious BC	RF72LQ	NZART	ZL1BAD
											"Hash Same on			
7090.0	20	2013	10	5	1925		VXX				7159. S7 -85dbm			
											DAILY, CODAR	QG52xi	WIA	VK4TJ
7090		2013	10	24	<0850>	0850	F7D		?	Unid	SWEEPS			
7100.0	3	2013	10	22	1010		J3E/L		INS		Busy on all chnls	RF72LQ	NZART	ZL1BAD
											MOSLEMS AT	QG52xi	WIA	VK4TJ
7100.0	5	2013	10	22	1005		G7DF				PRAYER			
7100.0		2013	10	7	1900		A1A				HF MANPACK	QG52xi	WIA	VK4TJ
											MIXED	QG52xi	WIA	VK4TJ
											NUMBER/LETTER			
											CIPHER. MANY			
											NON-ENGLISH			
7100.0	20	2013	10	18	1155		P0N				CHARACTERS			
											OTHR,	QG52xi	WIA	VK4TJ
7103.5	3	2013	10	7	1900		J3E/U				CONTINUOUS			
7116	3	2013	10	1	1740	H24	JM	non	non	non	ASIAN	QG52xi	WIA	VK4TJ
7118.0	5	2013	10	5	1925		G7D				white noice	PM97	JARL	non
											DAILY. 100'S OF	QG52xi	WIA	VK4TJ
											SUBCARRIERS			
											ON 50 HZ			
											INTERVALS,			
7120.0	5	2013	10	4	1930		G7DF				DRIFTY			
7120		2013	10	4	<1831>	1831	A3E		SOM	Hargaysa	HF MANPACK	QG52xi	WIA	VK4TJ
											Broadcast Station	RF80HL	NZART	ZL2iFB
											Hargaysa Somalia			
											S9 +20Db carrier			
											with low			
7120		2013	10	DY	<1700>	1700-1845	A3E		SOM	Hargaysa	modulation			
											Broadcast Station	RF72LQ	NZART	ZL1BAD
											Hargaysa Somalia			
											S9 -73dbm B-C			
7120	3	2013	10	1	1830	H24	A3E	non	non	non	stn.	PM97	JARL	non
7132.0	5	2013	10	5	1925		G7D				unkown music and			
											talk	QG52xi	WIA	VK4TJ
											8 SUBCARRIERS			
											ON 200 HZ			
7135.0	3	2013	10	26	1955		J3E/U				INTERVALS			
											ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
7140	3.3	2013	10	19	<1835>	1835	M7B		?	Unid	BAHASA			
											Multi chnl - idling.	RF72LQ	NZART	ZL1BAD
7141.0	5	2013	10	19	2030		G7D				S8 -79dbm			
											8 SUBCARRIERS	QG52xi	WIA	VK4TJ
											ON 200 HZ			

7157	3.3	2013	10	10	<1845>	1845	M7B		?	Unid	INTERVALS			
7159		2013	10	7	<1750>	1750	XXX		?	Unid	Multi=chnl Spurious BC "Hash same on 7083 100'S OF SUBCARRIERS ON APPROX 50 HZ INTERVALS	RF72LQ	NZART	ZL1BAD
7171.0	5	2013	10	22	1940		G7D				DAILY, ASIAN CONTINUOUS 8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7171.0	3	2013		1	0920		J3E/U				MIXED NUMBER/LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
7176.0	1	2013	10	7	1905		G1D				ASIAN, NOT CHINESE. ECHO BOX.	QG52xi	WIA	VK4TJ
7177.0	5	2013	10	14	1945		G7D				SW BROADCAST DOZENS OF SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
7188.0		2013	10	15	1035		A1A					QG52xi	WIA	VK4TJ
7193.5	3	2013	10	5	1925		J3E/U					QG52xi	WIA	VK4TJ
7195.0	8	2013	10	20	1920		A3E					QG52xi	WIA	VK4TJ
7197.0	5	2013	10	15	1235		G7D					QG52xi	WIA	VK4TJ
7200.0		2013	10	14	1945		N0N					QG52xi	WIA	VK4TJ
7200	5	2013	10	1	2210	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	1	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	1	2013	10	2	2155	H24	A0N	non	CHN	non	no mod	PM97	JARL	non
7200	5	2013	10	2	2158	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	2	2200	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music 22:00 UTC Time signal 5+1 2sec late	PM97	JARL	Hohhot
7200	3	2013	10	2	2200	H24	A1A	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	3	2013	10	2	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	3	2228	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	3	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non

7200	3	2013	10	3	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	8	2232	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	8	2236	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	8	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	9	2244	H24	A3E	273	CHN	PBS Nei Meng	Beacon	PM97	JARL	Hohhot
7200	3	2013	10	9	2248	H24	A3E	non	CHN	non	Beacon	PM97	JARL	non
7200	5	2013	10	9	2258	H24	A3E	non	CHN	non	Beacon	PM97	JARL	non
7200	5	2013	10	10	2240	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	10	2244	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	10	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	11	2236	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	11	2240	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	11	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	12	2220	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	12	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	1	2013	10	13	2155	H24	A0N	non	CHN	non	no mod	PM97	JARL	non
7200	5	2013	10	13	2158	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	13	2200	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music 22:00 UTC Time signal 5+1 2sec late	PM97	JARL	Hohhot
7200	3	2013	10	13	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	3	2013	10	13	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	14	2238	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot

7200	3	2013	10	14	2242	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	14	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	15	2238	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	15	2242	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	15	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	16	2238	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	16	2244	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	16	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	17	2232	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	17	2236	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	17	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	18	2218	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	18	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	18	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	1	2013	10	19	2155	H24	A0N	non	CHN	non	no mod	PM97	JARL	non
7200	5	2013	10	19	2158	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	19	2200	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	19	2200	H24	A3E	non	CHN	non	22:00 UTC Time signal 5+1 2sec late	PM97	JARL	non
7200	3	2013	10	19	2258	H24	A1A	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	1	2013	10	20	2155	H24	A0N	non	CHN	non	23:00 UTC Time signal 5+1 on time	PM97	JARL	non

7200	5	2013	10	20	2158	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	20	2200	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music 22:00 UTC Time signal 5+1 2sec late	PM97	JARL	Hohhot
7200	3	2013	10	20	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 ontime	PM97	JARL	non
7200	3	2013	10	20	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	21	2212	H24	A3E	273	CHN	PBS Nei Meng	Beacon	PM97	JARL	Hohhot
7200	3	2013	10	21	2216	H24	A3E	non	CHN	non	Beacon	PM97	JARL	non
7200	5	2013	10	22	2236	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	22	2238	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	22	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	23	2224	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	23	2228	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	23	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	24	2214	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	24	2218	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	25	2212	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	25	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	26	2212	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	26	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	27	2236	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	27	2240	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	27	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM97	JARL	non
7200	5	2013	10	28	2224	H24	A3E	273	CHN	PBS Nei	Chinese talk and	PM97	JARL	Hohhot

7200	3	2013	10	28	2226	H24	A3E	non	CHN	Meng non	music	PM97	JARL	non
7200	5	2013	10	29	2226	H24	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	29	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	29	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	30	2220	H24	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	30	2226	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	30	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	10	31	2226	H24	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal 5+1 on time Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	10	31	2232	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	10	31	2258	H24	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7201.0	1	2013	10	7	1905		F1B				23:00 UTC Time signal 5+1 on time PICCOLO-LIKE	QG52xi	WIA	VK4TJ
7300.0	20	2013	10	31	0810		P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
10110.0	5	2013	10	23	0950		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10120.0	5	2013	10	7	1930		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10125.0	5	2013	10	7	2005		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10130.0	50	2013	10	2	2000		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
10140.0	8	2013	10	3	1000		A3E		NKR		SW BROADCAST	QG52xi	WIA	VK4TJ
14000.0	5	2013	10	14	1950		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14000.0	3	2013	10	1	0820		J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14001.5	3	2013	10	8	1155		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14002.0	5	2013	10	26	0830		G7D				8 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14002.0	3	2013	10	9	0825		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14002		2013	10	26	<0707>	0707	J7D		CHN	Unid	Chinese 4+4 DQPSK S2	RF73Mf	NZART	ZL1GWE
14005.0	5	2013	10	7	0800		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14006.0	3	2013	10	1	0820		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14008.6	3	2013	10	3	0730		J3E/L				ASIAN	QG52xi	WIA	VK4TJ

14010.0	5	2013	10	7	0750	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14010.0	1	2013	10	7	0755	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14013	3	2013	10	16	<0125-0135>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014.0		2013	10	23	0610	A1A			C1OB	MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14014	3	2013	10	15	<1125-1135>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014	3	2013	10	22	<0140-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14015.0	3	2013	10	12	2025	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14015.0	5	2013	10	7	0810	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14015	3	2013	10	20	<1200-1215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14015.1	3	2013	10	12	1200	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14015.9	3	2013	10	9	0930	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14015.9	3	2013		1	0830	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14019.1	3	2013	10	16	0840	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14020.0	5	2013	10	16	0840	G7D				100'S OF SUBCARRIERS ON APPROX 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14020.0	5	2013	10	7	0520	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14020	3	2013	10	20	<0145-0155>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14022.0	3	2013	10	1	0820	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14024	3	2013	10	23	<0210-0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI	

											LANGUAGE ONLY – 2 OM			
14024.8	3	2013	10	30	0850		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14025.0	5	2013	10	7	0805		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14025.0	5	2013	10	7	0805		G7D				DAILY, 12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14030.0	5	2013	10	7	0815		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14033.3	3	2013	10	13	2120		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14035.0	5	2013	10	10	0845		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14035.7	3	2013	10	10	0850		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14040.0	5	2013	10	7	0520		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14044	3	2013	10	21	<0125-0135>		J3E/U		CLN	Unid	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14044.4	1	2013	10	12	0620		F1B	300			BURSTS	QG52xi	WIA	VK4TJ
14045	10	2013	10	8	<2240>	2240	P0N		?	Unid	OTHR 3.7 every 20 secs 70 pps S5 -97dbm`	RF72LQ	NZART	ZL1BAD
14045.6	3	2013	10	10	0950		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14046.0	3	2013	10	9	0820		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14046.8	3	2013	10	8	2030		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2013	10	1	0135		J3E/U		PHI		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14050.0	3	2013	10	9	2145		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2013	10	9	0700		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050	10	2013	10	5	<0140>	0140	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S2 -115dbm	RF72LQ	NZART	ZL1BAD
14050.6	3	2013	10	16	0700		J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14051.0	5	2013	10	24	0720		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14051.1	3	2013	10	13	2125		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14052		2013	10	24	<0714>	0714	G7D	120	RUS	Unid	OFDM Russian signal AT3004D with guard frequency S4	RF73MF	NZART	ZL1GWE
14053.0	3	2013	10	25	1020		J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14055.0	5	2013	10	7	2020		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14056.6	3	2013	10	10	0815		J3E/U				DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14057		2013	10	6	<0637>	0637	G7DF		?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
14057.5	3	2013	10	17	1150		J3E/U				ASIAN	QG52xi	WIA	VK4TJ

14059.0	5	2013	10	19	2040		G7D				DOZENS OF SUBCARRIERS ON RANDOM INTERVALS	QG52xi	WIA	VK4TJ
14059.0	5	2013	10	19	0850		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14060.0	5	2013	10	7	0515		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14060.0	3	2013	10	10	0905		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14064.0	3	2013	10	11	0805		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14064.4	3	2013	10	2	0955		J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14070.0	20	2013	10	30	0850		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14074.6	3	2013	10	14	1950		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14075.0	5	2013	10	19	0855		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14095.0	5	2013	10	2	0905		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14107	10	2013	10	6	<0235>	0235	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S2 -115dbm	RF72LQ	NZART	ZL1BAD
14110	10	2013	10	7	<2300>	2300	P0N		?	Unid	OTHR 3.7 every 30 secs 70 pps S7 -85dbm	RF72LQ	NZART	ZL1BAD
14118		2013	10	12	<0850>	0850	F7D		?	Unid	8 chnls not printable S5 - 97dbm	RF72LQ	NZART	ZL1BAD
14119.0	5	2013	10	11	0810		G7D				8 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14119		2013	10	12	<0637>	0637	J7D		?	Unid	Chinese 4+4 DQPSK S3	RF73Mf	NZART	ZL1GWE
14120.0	5	2013	10	7	0525		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14127.0	3	2013	10	12	2025		F1B	200			PLUS G7D 2 SUBCARRIERS, ALTERNATES	QG52xi	WIA	VK4TJ
14128		2013	10	6	<0637>	0637	G7DF		?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
14129		2013	10	6	<0635>	0635	G7DF		?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
14135	10	2013	10	1	<0150>	0150	P0N		?	Unid	OTHR 3.7 every 35 secs. 70pps. S2 -115dbm	RF72LQ	NZART	ZL1BAD
14136.0	3	2013	10	9	0920		G7D				5 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14140.0	20	2013	10	1	0140		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14155	10	2013	10	25	<0710>	0710	P0N		?	Unid	OTHR 3 every 30 secs 70/140 pps S9 -73dbm	RF72LQ	NZART	ZL1BAD
14160		2013	10	17	<1055>	1055	F1B	200	?	Unid	Not printable. S8 -79dbm	RF72LQ	NZART	ZL1BAD
14161.0	5	2013	10	24	0715		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ

14162		2013	10	24	<0710>	0710	G7D		RUS	Unid	Russian AT3004D Modem with guard frequency S4	RF73MF	NZART	ZL1GWE
14163	10	2013	10	12	<2250>	2250	P0N		?	Unid	OTHR 3.8 every 35 secs 70PPS S4 -103dbm	RF72LQ	NZART	ZL1BAD
14169.0	1	2013	10	8	1155		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
14170.0	5	2013	10	8	1150		G7D				100'S OF SUBCARRIERS ON APPROX 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14170	10	2013	10	14	<1050>	1050	P0N		?	Unid	OTHR 2.6 every 30 secs 50 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
14175	10	2013	10	2	<0155>	0155	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14185	10	2013	10	5	<2305>	2305	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14190.0	20	2013	10	1	0140		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14190	10	2013	10	7	<2300>	2300	P0N		?	Unid	OTHR 3.8 every 25 70 PPS S2 -115dbm	RF72LQ	NZART	ZL1BAD
14190	10	2013	10	12	<2250>	2250	P0N		?	Unid	OTHR 3.7 every 30 secs 70PPS S9 -73dbm	RF72LQ	NZART	ZL1BAD
14195	10	2013	10	3	<2220>	2220	P0N		?	Unid	OTHR 5.2 every 30 secs 50 pps S6 -91dbm	RF72LQ	NZART	ZL1BAD
14195	10	2013	10	12	<2250>	2250	P0N		?	Unid	OTHR 3.7 every 30 secs 70 PPS S8 -79dbm	RF72LQ	NZART	ZL1BAD
14203.0	5	2013	10	31	0840		G7D				100'S OF SUBCARRIERS ON APPROX 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14207.0	3	2013	10	11	0815		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14215.0	3	2013	10	9	0945		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14220.0	1	2013	10	23	0650		F1B	500			CONTINUOUS	QG52xi	WIA	VK4TJ
14221.0	1	2013	10	13	2125		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
14221		2013	10	11	<2005>	2005	F1B	200	?	Unid	RTTY Idling only S3 -109dbm	RF72LQ	NZART	ZL1BAD
14223	10	2013	10	12	<2250>	2250	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S7 -85dbm	RF72LQ	NZART	ZL1BAD
14225	10	2013	10	5	<2350>	2350=2359	P0N		?	Unid	OTHR 3.8 every 35 secs 70PPS S4 -103dbm	RF72LQ	NZART	ZL1BAD
14225	10	2013	10	6	<0001>	0001	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S9 -73dbm	RF72LQ	NZART	ZL1BAD

14225	10	2013	10	8	<2325>	2325	P0N		?	Unid	OTHR 3.7 every 20 secs 70 pps S5 -97dbm`	RF72LQ	NZART	ZL1BAD
14230	10	2013	10	8	<2325>	2325	P0N		?	Unid	OTHR 3.7 every 20 secs 70 pps S5 -97dbm`	RF72LQ	NZART	ZL1BAD
14231.5	3	2013	10	10	0950		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14235	10	2013	10	6	<2250>	2250	P0N		?	Unid	OTHR 5.2 every 30 secs 50 pps S6 -91dbm	RF72LQ	NZART	ZL1BAD
14235.2	3	2013	10	11	0815		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14235.2	3	2013	10	19	0855		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14240		2013	10	22	<0505>	0505	F1B	250	?	Unid	RTTY Not printable. S8 - 79dbm	RF72LQ	NZART	ZL1BAD
14245	10	2013	10	29	<0500>	0500	P0N		?	Unid	OTHR 3.8 every 25 secs 70 pps S4 -103dbm	RF72LQ	NZART	ZL1BAD
14250.0	200	2013	10	8	1150		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14250	10	2013	10	5	<2305>	2305-2359	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14250	10	2013	10	6	<0001>	0001	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14260	10	2013	10	13	<2250>	2250	P0N		?	Unid	OTHR 3.7 every 40 secs 70 pps S6 -91dbm	RF72LQ	NZART	ZL1BAD
14264.0	5	2013	10	9	0935		G7D				DOZENS OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14265.0	1	2013	10	4	1030		F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14265	10	2013	10	2	<0155>	0155	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14265	10	2013	10	5	<2350>	2350-2359	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14265	10	<2013>	10	6	<0001>	0001-0015	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14265	10	2013	10	13	<2250>	2250	P0N		?	Unid	OTHR 3.7 every 40 secs 70 pps S6 -91dbm	RF72LQ	NZART	ZL1BAD
14270	10	2013	10	7	<2310>	2310	P0N		?	Unid	OTHR 3.8 every 30 secs 70pps S2 -115dbm	RF72LQ	NZART	ZL1BAD
14270	10	2013	10	13	<2250>	2250	P0N		?	Unid	OTHR 3.7 every 25 secs 70 pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
14275.0	5	2013	10	5	1205		G7D				8 SUBCARRIERS	QG52xi	WIA	VK4TJ

14275	10	2013	10	6	<2250>	2250	P0N	?	Unid	ON 200 HZ INTERVALS OTHR 3.8 every 30 secs 70PPS S9 -73dbm	RF72LQ	NZART	ZL1BAD
14275	10	2013	10	14	<1055>	1055	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
14278.0		2013	10	10	0955		A1A			MIXED NUMBER/LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
14285	10	2013	10	2	<0615>	0615	P0N	?	Unid	OTHR 3.8 every 15 secs 70 pps S9 -73dbm	RF72LQ	NZART	ZL1BAD
14285	10	2013	10	2	<2220>	2220	P0N	?	Unid	OTHR 5.2 every 15 secs 50 pps S7 -85dbm	RF72LQ	NZART	ZL1BAD
14293	10	2013	10	5	<2305>	2305	P0N	?	Unid	OTHR 3.8 every 15 secs 70 pps S7 -85dbm	RF72LQ	NZART	ZL1BAD
14293	10	2013	10	11	<2330>	2330	P0N	?	Unid	OTHR 7.6 secs every 30 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
14295	10	2013	10	6	<2250>	2250	P0N	?	Unid	OTHR 3.8 every 35 secs. 70pps. S7 -85dbm	RF72LQ	NZART	ZL1BAD
14298.0	3	2013	10	3	0745		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14299.0	3	2013	10	10	0955		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14300.0		2013	10	4	0840		A1A			DAILY, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
14300.0	20	2013	10	9	0935		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14300	10	2013	10	3	<2220>	2220	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
14300	10	2013	10	5	<0140>	0140	P0N	?	Unid	OTHR 3.8 every 30 secs 140 pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
14300	10	2013	10	6	<0025>	0025-0210	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps S6 -91dbm	RF72LQ	NZART	ZL1BAD
14309.9	3	2013	10	10	0910		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14312.8	3	2013	10	10	0910		J3E/L			CHINESE	QG52xi	WIA	VK4TJ
14315	10	2013	10	8	<2325>	2325	P0N	?	Unid	OTHR 3.7 every 20 secs 70 pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
14320	10	2013	10	3	<2220>	2220	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
14325.0	5	2013	10	21	0730		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14330.0	3	2013	10	10	0910		J3E/U			ASIAN	QG52xi	WIA	VK4TJ

14330	10	2013	10	1	<0155>	0155	P0N		?	Unid	OTHR 3.7 every 35 secs 70PPS S6 -91dbm	RF72LQ	NZART	ZL1BAD
14334.0	1	2013	10	31	0840		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14335.0	1	2013	10	5	1205		F1B	500				QG52xi	WIA	VK4TJ
14335.0	5	2013	10	1	0540		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14335	10	2013	10	6	<0320>	0320	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
14336.0	3	2013	10	2	0910		J3E/U				DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14337	10	2013	10	25	<0450>	0450	P0N		?	Unid	OTHR 3 every 20 secs 70/140 Pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
14338.0	5	2013	10	10	0915		G7D				DOZENS OF SUBCARRIERS ON RANDOM INTERVALS	QG52xi	WIA	VK4TJ
14340.0	5	2013	10	7	0525		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14340	10	2013	10	7	<2300>	2300-2310	P0N		?	Unid	OTHR 3.8 every 30 secs 70pps S6 -91dbm	RF72LQ	NZART	ZL1BAD
14342.0	1	2013	10	10	0915		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14343	10	2013	10	2	<0155>	0155	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
18050.0	100	2013	10	8	1140		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
18068		2013	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
18080.0	20	2013	10	21	0710		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
18080.0	5	2013	10	16	1155		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18086.2	3	2013	10	8	1020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
18091.4	3	2013	10	5	0545		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
18092		2013	10	11	<0802>	0802	A3E		CHN	Sound of Hope	Broadcast Station Sound of Hope	RF80HL	NZART	ZL2iFB
18092		2013	10	20	<0725>	0720-0729	A3E		CHN	Sound of Hope	Music and speech Broadcast Station Sound of Hope	RF73Mf	NZART	ZL1GWE
18092.2	8	2013	10	1	0800		A3E				S7-S9 SOUND OF HOPE (FALUN GONG)	QG52xi	WIA	VK4TJ
18094		2013	10	24	<0632.	0632	A3E		CHN	Sound of Hope	Broadcast Station Sound of Hope S6 QSB	RF73MF	NZART	ZL1GWE
18101.0	3	2013	10	2	0905		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
18131.5	1	2013	10	25	0430		F1B	200			BURSTS	QG52xi	WIA	VK4TJ
18135.0	5	2013	10	25	0430		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18176		2013	10	23	<0403.	0403	F3E		CHN	Unid	Non Amateurs FM S4 full quietening	Rf73MF	NZART	ZL1GWE
21000.0	3	2013	10	2	0855		J3E/U				ASIAN, NOT SCRAMBLED,	QG52xi	WIA	VK4TJ

									SOUNDS CHINESE			
21000.0	3	2013	10	5	0925		J3E/U		SCRAMBLED, ASSOCIATED WITH F1B ON 21001.5	QG52xi	WIA	VK4TJ
21001.5	1	2013	10	5	0925		F1B	150	CONTINUOUS	QG52xi	WIA	VK4TJ
21004.5	3	2013	10	18	0855		J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
21005.0	5	2013	10	4	1015		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21005.0	3	2013	10	4	1015		J3E/L		DAILY, SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
21010.0	5	2013	10	19	0820		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21010.0	20	2013	10	18	0845		P0N		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21012.0	3	2013	10	25	0900		J3E/U		ASIAN	QG52xi	WIA	VK4TJ
21013		2013	10	6	<0625>	0625	G7DF		HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21015.0	20	2013	10	25	0900		P0N		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21015.0	5	2013	10	19	0230		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21015	10	2013	10	29	<0625>	0625	P0N		OTHR Every 30 secs 70 pps S2 - 115dbm	RF72LQ	NZART	ZL1BAD
21020.0	5	2013	10	12	2105		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21021.1	3	2013	10	19	0825		J3E/U		ASIAN	QG52xi	WIA	VK4TJ
21025.0	5	2013	10	12	0110		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21027.4	3	2013	10	9	0945		J3E/U		ASIAN	QG52xi	WIA	VK4TJ
21035.0	5	2013	10	8	1200		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21040.0	5	2013	10	29	0925		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21040		2013	10	6	<0614>	0614	G7DF		HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21045.0	5	2013	10	8	0935		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	5	2013	10	1	0525		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	5	2013	10	29	0930		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	3	2013	10	29	0855		J3E/U		SOUNDS PORTUGUESE	QG52xi	WIA	VK4TJ
21060.0	5	2013	10	27	1025		G7DF			QG52xi	WIA	VK4TJ
21065.0	5	2013	10	7	0055		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21093		2013	10	6	<0620>	0620	G7DF		HF MANPACK	RF73MF	NZART	ZL1GWE
21099		2013	10	6	<064>	0614	G7DF		8-PSK	RF73MF	NZART	ZL1GWE
21100	20	2013	10	11	<0615>	0615-0626	P0N		HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21100.1	3	2013	10	1	0135		J3E/U		OTHR 5.2 every 40 secs 50 pps S7 -85dbm	RF72LQ	NZART	ZL1BAD
21105.0	3	2013	10	9	0950		J3E/L		BAHASA ASIAN	QG52xi	WIA	VK4TJ

21105.9	3	2013	10	29	0900		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21110.0	3	2013	10	1	0125		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21110	10	2013	10	13	<0115>	0115	P0N		?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21111.9	3	2013	10	9	0855		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21113.1	3	2013	10	13	0950		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21118.9	3	2013	10	18	0900		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
21120.0	30	2013	10	25	0420		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21127		2013	10	6	<0624>	0624	G7DF		?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21130	10	2013	10	3	<0455>	0455	P0N		?	Unid	OTHR 5.2 sec every 30 secs. 50 PPS S8 -79dbm	RF72LQ	NZART	ZL1BAD
21130	10	2013	10	5	<2315>	2315	P0N		?	Unid	OTHR 5.4 every 30 secs 50 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
21132.3	3	2013	10	2	0900		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21135	10	2013	10	14	<0020>	0020	P0N		?	Unid	OTHR Only 3 bursts @ 20 sec spacing	RF72LQ	NZART	ZL1BAD
21135	10	2013	10	25	<0005>	0005	P0N		?	Unid	OTHR 3.5 every 25 secs 70 pps S9+ -63dbm	RF72LQ	NZART	ZL1BAD
21140.0	30	2013	10	20	0325		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21150	10	2013	10	11	<0145>	0145	P0N		?	Unid	OTHR 6.2 every 30 secs 50 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
21155		2013	10	6	<616>	0616	G7DF		?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21155	15	2013	10	28	<0055>	0055	P0N		?	Unid	OTHR 5.2 every 35 secs 50pps S7 -885dbm	RF72LQ	NZART	ZL1BAD
21158		2013	10	6	<0616>	0616	G7DF		?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21170.0	20	2013	10	13	0600		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21175.0	5	2013	10	2	0900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21177		2013	10	6	<0621>	0621	G7DF		?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21178.8	3	2013	10	18	0900		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21179		2013	10	6	<0633>	0633	G7DF		?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21180	94	2013	10	13	<0554>	0554	P0N		?	Unid	OTHR S8 47 pps	RF73Mf	NZART	ZL1GWE
21181		2013	10	6	<0625>	0625	G7DF		?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21197		2013	10	12	<0726>	0726	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21200.0	1	2013	10	9	0855		F1B	850			SHORT BURSTS	QG52xi	WIA	VK4TJ
21200.0	20	2013	10	4	1020		VXX				SWEEPS, PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ

21200	10	2013	10	11	<2245>	2245	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21205.0	5	2013	10	20	0325		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21205	20	2013	10	29	<0458>	0458	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	10	<0100>	0100	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	10	<0247>	0247	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	10	<2120>	2120	P0N	?	Unid	OTHR 3 secs 2 pps S3 -109dbm	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	10	<0305>	0305	P0N	?	Unid	OTHR HFSWR 18 secs every 3 Mins. 7 pps	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	22	<0455>	0455	P0N	?	Unid	OTHR HFSWR 18 secs every 5 mins. 7 pps	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	24	<0125>	0125	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	30	<0229>	0229	P0N	?	Unid	OTHR HFSWR 7 pps 18 sec THIS SIGNAL USES 21210 ON A OTHR DAILY BASIS	RF72LQ	NZART	ZL1BAD
21210	20	2013	10	31	<2240>	2240-2359	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs every 5 minutes	RF72LQ	NZART	ZL1BAD
21215	20	2013	10	10	<0055>	0055	P0N	?	Unid	OTHR HFSWR 7 pps 18 secs S6 - 91dbm	RF72LQ	NZART	ZL1BAD
21215	20	2013	10	19	<2200>	2200	P0N	?	Unid	OTHR 1.5 every variable timing 50 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
21220	20	2013	10	28	<0620>	0620	P0N	?	Unid	OTHR 18 secs every 3 Mins. 7 pps HFSWR S6 -91dbm	RF72LQ	NZART	ZL1BAD
21220	20	2013	10	29	<0625>	0625	P0N	?	Unid	OTHR HFSWR 18 seconds 7 pps S5 -97dbm	RF72LQ	NZART	ZL1BAD
21223	10	2013	10	18	<2325>	2325	P0N	?	Unid	OTHR 18 secs every 3 Mins. 7 pps HFSWR S6 -91dbm	RF72LQ	NZART	ZL1BAD
21223	20	2013	10	19	<0413>	0413	P0N	?	Unid	OTHR 2.8 secs variable timing 20/40 pps Preceded by a squeak	RF72LQ	NZART	ZL1BAD

21225.0	20	2013	10	9	0950		VXX				SWEEPS, PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21230.0	20	2013	10	1	0130		VXX				SWEEPS, PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21235	20	2013	10	29	<0456>	0456	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
21240	20	2013	10	28	<0325>	0325	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps S5 - 97dbm	RF72LQ	NZART	ZL1BAD
21243		2013	10	12	<0726>	0726	G7DF		?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21245	10	2013	10	11	<2310>	2310	P0N		?	Unid	OTHR 18 secs. HFSWR. 7 PPS S5 -97dbm	RF72LQ	NZART	ZL1BAD
21250.0	20	2013	10	4	1020		P0N				OTHR, BURSTS, STARTS WITH BEEP	QG52xi	WIA	VK4TJ
21250	20	2013	10	12	<0020>	0020	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps S5 - 97dbm	RF72LQ	NZART	ZL1BAD
21250	20	2013	10	15	<0646>	0646	P0N		?	Unid	OTHR HFSWR 7 pps for 18 secs S4 -103dbm	RF72LQ	NZART	ZL1BAD
21260.0	20	2013	10	6	0715		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21270.0	5	2013	10	20	0325		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21270	20	2013	10	6	<0611>	0611-0632	P0N		?	Unid	OTHR 50 pps Continuous S4 suspect Cyprus	RF73MF	NZART	ZL1GWE
21280	20	2013	10	11	<0148>	0148	P0N		?	Unid	OTHR 1.5 every variable times 50 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
21280	10	2013	10	22	<0500>	0500	P0N		?	Unid	OTHR 1.5 at variable timing 50PPS S3 - 109dbm	RF72LQ	NZART	ZL1BAD
21289	75	2013	10	23	<0523>	0523-0528	P0N		?	Unid	OTHR 49 pps Continuous S9	RF73MF	NZART	ZL1GWE
21290.0	5	2013	10	3	0830		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21295.0	5	2013	10	25	0715		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21295.0	20	2013	10	3	0830		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21295	10	2013	10	30	<0505>	0505-0635	P0N		?	Unid	OTHR 6.3 every 30 secs 50 pps S8 -79dbm	RF72LQ	NZART	ZL1BAD
21297		2013	10	8	<0535>	0535	P0N		?	Unid	OTHR S1 5 second bursts Pulses vary	RF73MC	NZART	ZL1TTG
21305.0	5	2013	10	25	0730		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21310.0	5	2013	10	1	0130		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21311		2013	10	6	<0616>	0616	G7DF		?	Unid	HF Man Pack S1 8_PSK	RF73MF	NZART	ZL1GWE

21322		2013	10	6	<0623>	0623	G7DF	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21325.8	3	2013	10	30	0845		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21328.0	5	2013	10	30	0840		G7D			8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
21335	15	2013	10	28	<0320>	0320-0630	P0N	?	Unid	OTHR 5.2 every 30 secs 50PPS S8 -79dbm	RF72LQ	NZART	ZL1BAD
21340		2013	10	6	<0633>	0633	G7DF	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21353		2013	10	6	<0616>	0616	G7DF	?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21375.0	5	2013	10	19	0835		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21379		2013	10	6	<0626>	0626	G7DF	?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21390.0	6	2013	10	9	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ
21390	20	2013	10	27	<0450>	0450	P0N	AUS	JORN	OTHR 3.8 every 30 secs (Double 3 secs apart) 70 pps S7 -85dbm	RF72LQ	NZART	ZL1BAD
21410.0	5	2013	10	19	0835		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21440.0	20	2013	10	4	1020		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21445.0	5	2013	10	9	0955		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21450.0	20	2013	10	13	0655		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
24895.0	5	2013	10	1	1025		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24900.0	8	2013	10	1	0120		F3E			ASIAN	QG52xi	WIA	VK4TJ
24900.0	5	2013	10	1	0845		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24900		2013	10	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
24912.5	6	2013	10	1	0120		F3E			ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2013	10	6	2330		A3E			ASIAN	QG52xi	WIA	VK4TJ
24920.0	20	2013	10	5	0535		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
24925.0	5	2013	10	1	1015		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24925.0	8	2013	10	11	0850		F3E			ASIAN	QG52xi	WIA	VK4TJ
24930.0	6	2013	10	1	0930		A3E			ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2013	10	30	0835		A3E			ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2013	10	1	1000		F3E			ASIAN	QG52xi	WIA	VK4TJ
24950.0	6	2013	10	13	0645		A3E			ASIAN	QG52xi	WIA	VK4TJ
24955.0	6	2013	10	2	0855		A3E			ASIAN	QG52xi	WIA	VK4TJ
24962.5	6	2013	10	1	0550		A3E			ASIAN	QG52xi	WIA	VK4TJ
24970.0	50	2013	10	25	0420		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
24975.0	6	2013	10	1	0120		A3E			ASIAN	QG52xi	WIA	VK4TJ
24985.0	6	2013	10	18	0750		A3E			ASIAN	QG52xi	WIA	VK4TJ
24987.5	6	2013	10	1	0120		A3E			ASIAN	QG52xi	WIA	VK4TJ
24990.0	40	2013	10	9	0955		VXX			DAILY, CODAR- LIKE SWEEPS	QG52xi	WIA	VK4TJ

26060.0		2013	10	31	2115		A1A		DC	DRIFTNET BEACON, CHIRPY	QG52xi	WIA	VK4TJ
28000.0	100	2013	10	1	0555		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28000.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	3	2013	10	1	0020		J3E/U		PHI	TAGALOG	QG52xi	WIA	VK4TJ
28000		2013	10	DY	HX	HX	G7DE/F		? Unid	HF Man Pack 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28000		2013	10	DY	HX	HX	G7DE		? Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
28005.0	6	2013	10	1	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28005.0	6	2013	10	31	2105		A3E			SPANISH LANGUAGE, ROGER BEEPS	QG52xi	WIA	VK4TJ
28008.3		2013	10	18	0805		A1A		4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28012.5	6	2013	10	4	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28020.0	5	2013	10	29	0850		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28020.0	100	2013	10	23	0200		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28025.0	5	2013	10	12	2235		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28025.0	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28030.0	6	2013	10	12	0125		A3E			ASIAN	QG52xi	WIA	VK4TJ
28035.0	100	2013	10	14	0755		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28035.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28037.5	6	2013	10	25	0640		A3E			ASIAN	QG52xi	WIA	VK4TJ
28040.0	100	2013	10	25	0210		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28040.0	5	2013	10	22	0655		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28040.0		2013	10	19	2345		A1A		5LEG	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28040.1		2013	10	19	0020		A1A		4NAY	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28045.5	49	2013	10	25	<0228>	0228	P0N		IRN Unid	OTHR Iranian transmission inside and outside AR 305 pps S3	RF73MF	NZART	ZL1GWE
28050.0	5	2013	10	22	2215		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28050.0	100	2013	10	13	1215		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28050.0	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28050	92	2013	10	12	<0419>	0419	P0N		IRN Unid	OTHR S4 Iranian	RF73MF	NZART	ZL1GWE
28055.0	5	2013	10	25	0825		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28055.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28057.5	73	2013	10	25	<0232>	0232	P0N		IRN Unid	OTHR Iranian S3 frequency hopping & 250 HZ SHIFTS, BURSTS. WAVE RIDER?	RF73MF	NZART	ZL1GWE
28060.0	1	2013	10	31	2055		F1B	350			QG52xi	WIA	VK4TJ
28060.0	5	2013	10	25	0835		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28060.0	100	2013	10	13	0230		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ

28061.0		2013	10	26	0020		A1A		CPS	DRIFTNET BEACON, CHIRPY	QG52xi	WIA	VK4TJ
28062		2013	10	12	<0653>	0653	G7DF	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
28062.5	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2013	10	1	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28070.0	20	2013	10	30	0855		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28070.0	100	2013	10	22	0735		P0N	IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ
28075.0	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28079	74	2013	10	13	<0418>	0418	P0N	IRN	Unid	OTHR S4 Iranian	RF73MF	NZART	ZL1GWE
28085.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2013	10	25	0640		A3E			ASIAN	QG52xi	WIA	VK4TJ
28095.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2013	10	1	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28100		2013	10	12	<0655?>	0655	F3E	?	CHN	Non Amateur OM chatting S4	RF73MF	NZART	ZL1GWE
28103.5	71	2013	10	13	<0418>	0418	P0N	IRN	Unid	OTHR S4 Iranian	RF73MF	NZART	ZL1GWE
28105.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2013	10	1	0930		A3E			ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28121	80	2013	10	12	<0419>	0419	P0N	IRN	Unid	OTHR S4 Iranian	RF73mf	NZART	ZL1GWE
28124		2013	10	12	<0649>	0649	F3E	?	CHN	Non Amateur OM chatting S3	RF73MF	NZART	ZL1GWE
28125.0	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28130		2013	10	12	<0642>	0642	G7DF	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
28135.0	6	2013	10	31	2110		A3E			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
28135.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28137.5	8	2013	10	9	0955		F3E			ASIAN	QG52xi	WIA	VK4TJ
28144		2013	10	12	<0645>	0645	G7DF	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
28145.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28150.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2013	10	1	0300		A3E			ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2013	10	12	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ
28163	78	2013	10	12	<0419>	0419	P0N	IRN	Unid	OTHR S4 Iranian	RF73MF	NZART	ZL1GWE
28165.0	6	2013	10	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28170		2013	10	12	<0657>	0657	F3E	?	CHN	Non Amateur OM chatting S4 full quietening	RF73MF	NZART	ZL1GWE
28175.0	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28175		2013	10	12	<0654>	0654	F3E	?>	CHN	Non Amateur OM S3	RF73MF	NZART	ZL1GWE
28175		2013	10	23	<0400>	0400	F3E	CHN	Unid	Non Amateurs FM S4 full quietening	RF73MF	NZART	ZL1GWE

28179	170	2013	10	13	<0418>	0418-0527	P0N	IRN	Unid	OTHR Iranian S4 frequency hopping 872 pps and 1001 pps	RF73MF	NZART	ZL1GWE
28185.0	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28187.5	8	2013	10	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ
28190.0	5	2013	10	25	0400		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28195.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28200		2013	10	12	<0651>	0651	F3E	?	CHN	Non Amateur OM chatting S4	RF73MF	NZART	ZL1GWE
28200.5		2013	10	23	<0404>	0404	F3E	CHN	Unid	Non Amateurs S3 FM Chinese	RF73MF	NZART	ZL1GWE
28205.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28207.8	3	2013	10	23	0500		J3E/L			ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
28212.5	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2013	10	1	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28225		2013	10	23	<0401>	0401	F3E	CHN	Unid	Non Amateurs S3 FM Chinese	RF73MF	NZART	ZL1GWE
28225.5		2013	10	23	<0402>	0402	F3E	CHN	Unid	Non Amateurs S3 FM Chinese	RF73Mf	NZART	ZL1GWE
28234.5	59	2013	10	12	<0451>	0451	P0N	IRN	Unid	OTHR S2 Iranian	RF73MF	NZART	ZL1GWE
28235.0	6	2013	10	2	0840		A3E			ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2013	10	1	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28245		2013	10	13	<0545>	0545	F3E	CHN	Unid	Non Amateurs S5 FM	RF73Mf	NZART	ZL1GWE
28250.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28250.0	100	2013	10	1	0300		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28250.0	5	2013	10	1	0025		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28255.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28260.0	6	2013	10	1	0115		A3E			ASIAN	QG52xi	WIA	VK4TJ
28262.5	6	2013	10	1	0300		A3E			ASIAN	QG52xi	WIA	VK4TJ
28263	96	2013	10	23	<0330>	0330-0554	P0N	IRN	Unid	OTHR S4 Iranian 872 pps bursts	Rf73MF	NZART	ZL1GWE
28265.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2013	10	20	0335		A3E			ASIAN	QG52xi	WIA	VK4TJ
28270.0	5	2013	10	26	0400		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28271	74	2013	10	23	<0330>	0330	P0N	IRN	Unid	OTHR 305 and 872 pps S4	RF73Mf	NZART	ZL1GWE
28275.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28280.0	6	2013	10	29	0720		A3E			ASIAN	QG52xi	WIA	VK4TJ
28284.5	41	2013	10	12	<0609>	0609	P0N	?	Unid	OTHR Iranian S3 306 and 1005 pps 6 second bursts	RF73MF	NZART	ZL1GWE
28285.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28287		2013	10	13	<0520>	0520	F3E	CHN	Unid	Non Amateurs S3	RF73MF	NZART	ZL1GWE

28287.5	6	2013	10	1	0555		A3E			chatting away			
28288.5		2013	10	23	<0412>	0412	F3E	CHN	Unid	ASIAN Non Amateurs S3 FM Chinese	QG52xi RF73MF	WIA NZART	VK4TJ ZL1GWE
28295.0	8	2013	10	1	0110		F3E			ASIAN	QG52xi	WIA	VK4TJ
28295	77	2013	10	12	<0421>	0421	P0N	IRN	Unid	OTHR Iranian S4 frequency hopping 872 pps and 1001 pps	RF73MF	NZART	ZL1GWE
28300.0	100	2013	10	12	0800		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28300.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28312.5	6	2013	10	1	0300		A3E			ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28320.0	100	2013	10	29	0725		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28325.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2013	10	2	0840		A3E			ASIAN	QG52xi	WIA	VK4TJ
28339		2013	10	12	<0650>	0650	G7DF	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
28340.0	100	2013	10	5	0335		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28340.0	6	2013	10	11	2340		A3E			ASIAN	QG52xi	WIA	VK4TJ
28345.0	6	2013	10	29	0725		A3E			ASIAN	QG52xi	WIA	VK4TJ
28347.5	15	2013	10	12	<0606>	0606	P0N	?	Unid	OTHR Iranian S3 306 and 1005 pps 6 second bursts	RF73MF	NZART	ZL1GWE
28350.0	8	2013	10	1	0110		F3E			ASIAN	QG52xi	WIA	VK4TJ
28351.5	79	2013	10	25	<0232>	0232	P0N	IRN	Unid	OTHR Iranian S3 frequency hopping	RF73MF	NZART	ZL1GWE
28355.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28367	55	2013	10	12	<0606>	0606	P0N	IRN	Unid	OTHR S3 306 pps and 1005 pps 6 second bursts	RF73MF	NZART	ZL1GWE
28375.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28380.0	100	2013	10	5	0315		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28385.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2013	10	1	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ
28395.0	6	2013	10	9	1000		A3E			ASIAN	QG52xi	WIA	VK4TJ
28400.0	5	2013	10	12	0825		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28400.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28400		2013	10	13	<0500>	0500-0504	F3E	CHN	Unid	Non Amateurs S3 chatting away	RF73MF	NZART	ZL1GWE
28405.0	6	2013	10	1	0110		A3E			ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2013	10	5	0310		A3E			ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ

28424	50	2013	10	12	<0606>	0606	P0N	?	Unid	OTHR Iranian S3 306 and 1005 pps 6 second bursts	RF73MF	NZART	ZL1GWE
28425.0	8	2013	10	1	0025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28430.0	100	2013	10	5	0315		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28435.0	6	2013	10	1	0025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28437.5	8	2013	10	5	0310		F3E			ASIAN	QG52xi	WIA	VK4TJ
28447		2013	10	12	<0643>	0643	G7DF	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
28450.0	8	2013	10	1	0030		F3E			ASIAN	QG52xi	WIA	VK4TJ
28450		2013	10	12	<0546>	0546	F3E	CHN	Unid	Non Amateurs S4 FM	RF73MF	NZART	ZL1GWE
28455.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28462.5	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2013	10	1	0030		F3E			ASIAN	QG52xi	WIA	VK4TJ
28475		2013	10	13	<0547>	0547	F3E	CHN	Unid	Non Amateurs S4 FM	RF73Mf	NZART	ZL1GWE
28485.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2013	10	18	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ
28489	48	2013	10	12	<0609>	0609	P0N	?	Unid	OTHR Iranian S3 306 and 1005 pps 6 second bursts	RF73MF	NZART	ZL1GWE
28500.0	6	2013	10	1	0305		A3E			ASIAN	QG52xi	WIA	VK4TJ
28500		2013	10	13	<0548>	0548	F3E	CHN	Unid	Non Amateurs S5 FM	RF73MF	NZART	ZL1GWE
28505.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28525.0	6	2013	10	1	0030		F3E			ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2013	10	13	0640		A3E			ASIAN	QG52xi	WIA	VK4TJ
28540.0	6	2013	10	1	0110		A3E			ASIAN	QG52xi	WIA	VK4TJ
28545.0	6	2013	10	20	0340		A3E			ASIAN	QG52xi	WIA	VK4TJ
28550.0	8	2013	10	1	0305		F3E			ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28560.0	6	2013	10	1	0600		A3E			ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28575.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28587.5	6	2013	10	9	1000		A3E			ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2013	10	1	0110		A3E			ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2013	10	1	0030		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28605.0	6	2013	10	2	0835		A3E			ASIAN	QG52xi	WIA	VK4TJ
28612.5	6	2013	10	25	0645		A3E			ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2013	10	1	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ

28620.0	6	2013	10	11	2345	A3E				ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2013	10	6	2300	A3E				ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2013	10	1	0110	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28637.5	6	2013	10	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28662.5	6	2013	10	25	0650	A3E				ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28675.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28675		2013	10	13	<0549>	F3E	0549	CHN	Unid	Non Amateurs S3 FM	RF73MF	NZART	ZL1GWE
28685.0	6	2013	10	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ
28687.5	8	2013	10	1	0030	F3E				ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2013	10	1	0105	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28700.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28700		2013	10	13	<0551>	F3E	0551	CHN	Unid	Non Amateurs S3 FM	Rf73Mf	NZART	ZL1GWE
28705.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2013	10	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2013	10	1	0030	A3E				ASIAN	QG52xi	WIA	VK4TJ
28725.0	8	2013	10	1	0030	F3E				ASIAN	QG52xi	WIA	VK4TJ
28730.0	6	2013	10	11	2345	A3E				ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2013	10	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2013	10	1	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28740.0	6	2013	10	9	1000	A3E				ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2013	10	1	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2013	10	1	0035	F3E				ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2013	10	1	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28760.0	6	2013	10	11	2345	A3E				ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2013	10	13	0635	A3E				ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2013	10	1	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2013	10	1	0035	F3E				ASIAN	QG52xi	WIA	VK4TJ
28775		2013	10	13	<0550>	F3E	0550	CHN	Unid	Non Amateurs S3 FM	RF73MF	NZART	ZL1GWE
28785.0	6	2013	10	2	0830	A3E				ASIAN	QG52xi	WIA	VK4TJ
28787.5	6	2013	10	1	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ
28790	22	2013	10	26	<0707>	P0N	0707	?	Unid	OTHR 26 pps suspect Cyprus continuous	Rf73MF	NZART	ZL1GWE
28800.0	6	2013	10	1	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28812.5	6	2013	10	25	0650	A3E				ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2013	10	9	1005	A3E				ASIAN	QG52xi	WIA	VK4TJ
28825.0	6	2013	10	6	2300	A3E				ASIAN	QG52xi	WIA	VK4TJ

28830.0	6	2013	10	7	0610	A3E	ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
28845.0	6	2013	10	2	0830	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
28850.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2013	10	1	0105	F3E	ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2013	10	9	1005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
28885.0	6	2013	10	9	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28887.5	6	2013	10	1	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2013	10	1	0940	A3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
28915.0	6	2013	10	1	0310	A3E	ASIAN	QG52xi	WIA	VK4TJ
28925.0	6	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2013	10	9	1005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
28945.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	6	2013	10	1	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
28955.0	6	2013	10	11	2345	A3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2013	10	1	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
28965.0	6	2013	10	1	0105	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
28975.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	6	2013	10	18	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
28990.0	6	2013	10	23	0505	A3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29005.0	6	2013	10	1	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	6	2013	10	1	0945	A3E	ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2013	10	25	0405	A3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	100	2013	10	27	0910	P0N	OTHR	QG52xi	WIA	VK4TJ
29050.0	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29062.5	8	2013	10	1	0100	F3E	ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2013	10	1	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29080.0	100	2013	10	1	0310	P0N	OTHR	QG52xi	WIA	VK4TJ
29087.5	6	2013	10	1	0310	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2013	10	1	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29105.0	6	2013	10	29	0730	A3E	ASIAN	QG52xi	WIA	VK4TJ
29112.5	6	2013	10	1	0945	A3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2013	10	1	0100	F3E	ASIAN	QG52xi	WIA	VK4TJ
29135.0	6	2013	10	23	0510	A3E	ASIAN	QG52xi	WIA	VK4TJ
29137.5	6	2013	10	9	0845	A3E	ASIAN	QG52xi	WIA	VK4TJ
29145.0	6	2013	10	1	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ

29150.0	6	2013	10	1	0310	A3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2013	10	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2013	10	1	0945	A3E	ASIAN	QG52xi	WIA	VK4TJ
29190.0	5	2013	10	6	2305	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
29200.0	6	2013	10	1	0040	A3E		QG52xi	WIA	VK4TJ
							ASIAN			
29212.5	6	2013	10	1	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2013	10	1	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29255.0	6	2013	10	6	2305	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	6	2013	10	1	0315	A3E	ASIAN	QG52xi	WIA	VK4TJ
29272.0		2013	10	9	1010	A1A	IF0 DRIFTNET BEACON	QG52xi	WIA	VK4TJ
29275.0	6	2013	10	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29287.5	6	2013	10	1	0055	A3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29305.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2013	10	6	2305	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29337.5	6	2013	10	2	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2013	10	1	0055	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2013	10	1	0055	A3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29405.0	5	2013	10	11	1000	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29415.0	6	2013	10	2	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2013	10	1	0605	A3E	ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29445.0	6	2013	10	13	0630	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2013	10	9	0845	A3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2013	10	13	0625	A3E	ASIAN	QG52xi	WIA	VK4TJ
29500.0	6	2013	10	1	0315	A3E	ASIAN	QG52xi	WIA	VK4TJ
29512.5	6	2013	10	5	0320	A3E	ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2013	10	1	0055	A3E	ASIAN	QG52xi	WIA	VK4TJ
29525.0	8	2013	10	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2013	10	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29555.5	3	2013	10	1	0050	J3E/U	ASIAN	QG52xi	WIA	VK4TJ

29562.5	6	2013	10	1	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2013	10	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2013	10	2	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2013	10	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2013	10	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2013	10	1	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29625.0	6	2013	10	1	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2013	10	1	0050	F3E	ASIAN	QG52xi	WIA	VK4TJ
29645.0	6	2013	10	9	1015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29650.0	6	2013	10	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
29662.5	6	2013	10	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2013	10	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
29680.0	20	2013	10	29	0735	P0N	OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29687.5	8	2013	10	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
29700.0	8	2013	10	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ