



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



June 2013

Peter Young VK3MV

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

This month there were 959 observations of intruders made across the Region as compared to last month of 986.

A number of OHR systems have been logged on 15 meters this month operating in the higher portion of the band. There were a number of OHR systems operating on 20 meters causing particular interference to a number of "nets" between 14160 - 14300 kHz believed to be coming from NNW of Australia. These have been reported to regulatory authorities.

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

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
	0.5												train of " wf3a wf3a wf3a "			
3504	0.5	2013	6	18		22:44	A1A						"		JARL	
3504	0.5	2013	6	19		21:50	A1A						train of "jzwg jzwg jzwg "		JARL	
	0.5												train of " wf3a wf3a wf3a "			
3504	0.5	2013	6	22		22:12	A1A						"		JARL	
	0.5												train of " wf3a wf3a wf3a "			
3504	3	2013	6	25		23:43	A1A						"		JARL	
3510.0	3	2013	6	26	1950		J3E/U						ASIAN, SOUNDS			
							CHINESE							QG52xi	WIA	VK4TJ
3530.0	5	2013	6	3	1000		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ
3549.1	3	2013	6	1	1905		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
	3												Japanese music with no call			
3552	3	2013	6	7		21:55	J3E								JARL	
	3												Japanese song with no call sign			
3552	3	2013	6	24		22:01	J3E								JARL	
	3												Japanese song with no callsign			
3553	3	2013	6	17		23:06	J3E								JARL	
	3												Japanese song with no call sign			
3553	3	2013	6	25		23:47	J3E								JARL	
3584.0	3	2013	6	1	1905		J1C						DAILY	QG52xi	WIA	VK4TJ
3585.0	5	2013	6	29	0950		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ
	3												Japanese song with no call sign			
3602	3	2013	6	27		20:48	J3E								JARL	
	3												Japanese song with no call sign			
3602	3	2013	6	29		20:57	J3E								JARL	
3623.0	0.5	2013	6	1	1905		J1C						DAILY	QG52xi	WIA	VK4TJ
	0.5												BT BT 374u 6ta6 n44u 7457 AR			
3710		2013	6	18		22:49	A1A								JARL	
3797.0	0.5	2013	6	1	1900		A1A					DRV8	H2FL DE DRV8	QG52xi	WIA	VK4TJ
	0.5												Repeat of "h2fl h2fl h2fl de drvz			
3798	0.5	2013	6	4		19:51	A1A								JARL	
	0.5												Repeat of "h2fl h2fl h2fl de drvz			
3798	0.5	2013	6	5		20:29	A1A								JARL	
	0.5												Repeat of "h2fl h2fl h2fl de drvz			
3798	0.5	2013	6	7		21:58	A1A								JARL	
	0.5												Repeat of "h2fl h2fl h2fl de			
3798	0.5	2013	6	9		22:57	A1A								JARL	
	0.5												Repeat of "h2fl h2fl h2fl de			
3798	0.5	2013	6	10		23:01	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	12		20:56	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	13		23:26	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	17		23:12	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	18		23:00	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	19		22:00	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	21		20:58	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz V			
3798	0.5	2013	6	24		22:05	A1A								JARL	
	0.5												h2fl h2fl h2fl de drvz drvz			

[illegible]

7025.0	3	2013	6	3	0940	J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	5	2013	6	7	0820	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7027.5		2013	6	3	2035	A2A		RUS	V	HARBOUR BEACON, DEFECTIVE KEYING	QG52xi	WIA	VK4TJ
7027.5		2013	6	1	<1420- 1430>	A1A		UNID	"V"	SINGLE LETTER BEACON "V"	MK82	ARSI	
7028	0.5	2013	6	25		A1A	23:49			train of " V " MIXED NUMBER/LETTER CIPHER		JARL	
7029.0		2013	6	13	0950	A1A					QG52xi	WIA	VK4TJ
7030.0	5	2013	6	26	0900	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7030.0	60	2013	6	6	0930	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7030.0	3	2013	6	1	0915	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2013	6	7	0900	J3E/U		INS		DAILY, VILLAGE RADIO VILLAGE RADIO, OM'S	QG52xi	WIA	VK4TJ
7035.0	3	2013	6	4	0715	J3E/U		INS		SINGING	QG52xi	WIA	VK4TJ
7035.0	5	2013	6	4	0715	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
	6									HARBOUR BEACON, SIMULTANEOUS WITH			
7037.2		2013	6	16	2040	A1A		RUS	D	7038.7 U.P. Govt Flood control communication BY CENTRAL WATER COMMISSION CHAIN OF STATIONS	QG52xi	WIA	VK4TJ
	0.2									DAILY, HARBOUR BEACON, BROAD SIDE BANDS			
7038.4		2013	6	21	<1200- 1215>	J3E/U		IND	CWC		NL06lu	ARSI	
	6									Moscow - Beacon C - RIW			
7038.7		2013	6	1	1900	A2A		RUS	D		QG52xi	WIA	VK4TJ
7039		2013	6	DY	<0330>	A1A	0330-2200	RUS	C	Astrakhan (No call sign) - A	RF72LQ	NZART	ZL1BAD
7039		2013	6	DY	<0330>	A1A	0330-2200	RUS		Vladivostok - Beacon F - RJS	RF72LQ	NZART	ZL1BAD
7039		2013	6	DY	<0330>	A1A	0330-2200	RUS	F	Kaliningrad - Beacon P - RMP	RF72LQ	NZART	ZL1BAD
7039		2013	6	DY	<0330>	A1A	0330-2200	RUS	P		RF72LQ	NZART	ZL1BAD
7039	0.5	2013	6	1	1210	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	1	1610	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	1	1720	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	1	1830	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	2	1210	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	2	1620	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	2	1730	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	2	1830	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	3	1210	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	3	1610	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	3	1740	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	3	1910	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	4	1210	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	4	1720	anytime	A1A	15	RUS	M--signal Beacon	PM97	JARL	Magadan

7039	0.5	2013	6	4	1910	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	4	2158	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	5	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	5	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	5	1710	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	5	1810	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	6	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	6	1620	anytime	A1A	15	non	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	6	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	6	1830	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	7	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	7	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	7	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	7	1830	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	7	2230	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	8	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	8	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	8	1710	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	8	1836	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	8	2220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	9	1216	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	9	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	9	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	9	1830	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	9	2216	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	10	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	10	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	10	1730	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	10	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	11	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	11	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	11	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	11	1830	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	11	2230	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	12	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	12	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	12	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	12	1830	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	12	2220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	13	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	13	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	13	1710	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	13	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	13	2218	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	14	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2013	6	14	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	14	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	14	1826	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	14	2230	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	15	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	15	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	15	1720	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	15	1820	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	17	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	17	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	18	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	18	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	18	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	19	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	19	1630	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	19	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	20	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	20	1610	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	20	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	21	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	21	1710	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	21	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	22	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	22	1850	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	23	1220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	23	1730	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	23	1846	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	24	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	24	1604	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	24	1830	anytime	A3E	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	25	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	25	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	25	1930	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	26	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	26	1630	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	26	1830	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	27	1020	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	27	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	27	1612	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	27	1920	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	28	1030	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	28	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	28	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	28	1910	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	29	1020	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2013	6	29	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	29	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	29	1840	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	30	1020	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	30	1210	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	30	1620	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2013	6	30	1910	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.3		2013	6	DY	<0330>	0330-2200	A1A		RUS	K	Petropavlovsk - Beacon K - RCC	RF72LQ	NZART	ZL1BAD
7039.4	3	2013	6	DY	<0330>	0330-2200	A1A		RUS	M	Magadan - Beacon M - RTS	RF72LQ	NZART	ZL1BAD
7039.5		2013	6	1	1005		A2A		RUS	M	DAILY, HARBOUR BEACON, ROUGH NOTE	QG52xi	WIA	VK4TJ
7039.9		2013	6	DY	<0330>	0330-2200	A1A		RUS	S	Severomorsk - Beacon S - RIT	RF72LQ	NZART	ZL1BAD
7040.0	5	2013	6	8	2010		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7040	0.5	2013	6	4		19:54	A1A				train of " M "		JARL	
7040	0.5	2013	6	5		20:33	A1A				train of " M "		JARL	
7040	0.5	2013	6	8		20:10	A1A				train of " M "		JARL	
7040	0.5	2013	6	9		23:04	A1A				train of " M "		JARL	
7040	0.5	2013	6	10		23:03	A1A				train of " M "		JARL	
7040	0.5	2013	6	12		20:57	A1A				train of " M "		JARL	
7040	0.5	2013	6	13		23:28	A1A				train of " M "		JARL	
7040	0.5	2013	6	17		23:19	A1A				train of " M(with ripple?)"		JARL	
7040	0.5	2013	6	18		22:57	A1A				train of "M (with ripple?)"		JARL	
7040	0.5	2013	6	19		22:03	A1A				train of "M (with ripple?)"		JARL	
7040	0.5	2013	6	20		20:28	A1A				train of "M (with ripple ?)" "		JARL	
7040	0.5	2013	6	22		22:21	A1A				train of " K ", "M(with ripple?)"		JARL	
7040	0.5	2013	6	23		21:18	A1A				train of " M (with ripple?) "		JARL	
7040	0.5	2013	6	24		22:07	A1A				train of " M (with ripple?) "		JARL	
7040	0.5	2013	6	25		23:53	A1A				train of " M (with ripple?) "		JARL	
7040	0.5	2013	6	27		21:07	A1A				h2fl h2fl h2fl de drvz drvz V		JARL	
7040	0.5	2013	6	29		21:03	A1A				train of " M (with ripple?) "		JARL	
7040	0.5	2013	6	30		23:03	A1A				train of " M (with ripple?) "		JARL	
7047.0	50	2013	6	25	0830		G7D				MANY SUBCARRIERS ON RANDOM INTERVALS	QG52xi	WIA	VK4TJ
7050	3	2013	6	19	<0800>	0800	P0N		CYP	Unid	OTHR Continuous. 50 PPS	RF72LQ	NZART	ZL1BAD
7063	3	2013	6	29	1844	anytime	JM	non	non	non	white noice	PM97	JARL	non
7065	3	2013	6	2	<1845>	1845	M7B	?		Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7068.0	20	2013	6	1	1855		G7D				2 SUBCARRIERS ON 850 HZ SPACING	QG52xi	WIA	VK4TJ
7070.0	30	2013	6	26	0845		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7075		2013	6	18	<1400>	1400	P0N		CYP	Unid	OTHR Continuous	RF72LQ	NZART	ZL1BAD

7079.0	5	2013	6	14	0835	G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ	
7080.0	20	2013	6	13	1005	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
7100.0	3	2013	6	11	0840	J3E/L	INS			MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ	
7105.0	3	2013	6	11	0840	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
	5									DOZENS OF SUBCARRIERS ON 100 HZ INTERVALS				
7119.0		2013	6	22	1010	G7D				SW BROADCAST, RADIO HARGEISA	QG52xi	WIA	VK4TJ	
7120.0	8	2013	6	1	1855	A3A	SOM				QG52xi	WIA	VK4TJ	
7120		2013	6	2	<1840>	1840	A3E	?	Unid	BC Stn	RF72LQ	NZART	ZL1BAD	
7120		2013	6	18	<1400>	1400	A3E	?	Unid	BC Stn	RF72LQ	NZART	ZL1BAD	
7120	3	2013	6	2	1610	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	2	1710	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	0.5	2013	6	2	1820	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	3	1720	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	4	1730	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	5	1716	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	5	1820	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	6	1610	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	6	1708	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	6	1820	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	7	1610	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	7	1710	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	7	1820	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	8	1616	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	8	1714	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	8	1820	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	9	1616	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	9	1724	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	9	1834	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	10	1720	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	10	1830	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	11	1616	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	11	1726	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	11	1836	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	12	1840	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	13	1820	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	14	1830	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	15	1830	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	18	1844	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	19	1848	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	20	1846	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	22	1840	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	24	1840	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non
7120	3	2013	6	26	1840	anytime	A3E	non	non	non	unkown music and talk	PM97	JARL	non

7126.5	3	2013	6	26	0845		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7130	3.3	2013	6	23	<1935>	1935	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7135.0	3	2013	6	22	1010		F1B	125			MIL 188-141A ALE	QG52xi	WIA	VK4TJ
	5										DOZENS OF RANDOM INTERVAL			
7140.0		2013	6	22	1010		G7D				SUBCARRIERS	QG52xi	WIA	VK4TJ
7140	3	2013	6	8	1830	anytime	JM	125	non	non	white noise	PM97	JARL	non
7144.0	3	2013	6	1	1910		F1B				MIL 188-141A ALE	QG52xi	WIA	VK4TJ
7150.0	20	2013	6	19	0935		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
	45										OTHR Continuous. 50 PPS			
7155		2013	6	19	<1150>	1150	P0N			CYP		RF72LQ	NZART	ZL1BAD
7160.0	20	2013	6	20	0940		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7170.0	20	2013	6	13	0945		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7170	10	2013	6	2	<1835>	1835	P0N			CYP		RF72LQ	NZART	ZL1BAD
7173.9	3	2013	6	3	2035		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
	5													
7174.0		2014	6	24	1020		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7174		2013	6	25	<1210>	1210	F7D		?	Unid	8 chnls	RF72LQ	NZART	ZL1BAD
	5										100'S OF SUBCARRIERS ON APPROX 33 HZ INTERVALS			
7175.0		2013	6	11	2000		G7D					QG52xi	WIA	VK4TJ
7175.0	5	2013	6	3	2030		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7176.0		2013	6	1	1010		A1A				NUMBER CIPHER	QG52xi	WIA	VK4TJ
	5													
7177.0		2014	6	5	1955		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7177.5	3	2013	6	1	1010		J3E/U			PHI	DAILY, TAGALOG	QG52xi	WIA	VK4TJ
7181.0	3	2013	6	1	1010		J3E/U			PHI	DAILY, TAGALOG	QG52xi	WIA	VK4TJ
7190.0	5	2013	6	22	1005		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
											MIXED			
7191.0		2013	6	13	0940		A1A				NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7192.2	3	2013	6	5	1020		J3E/U			PHI	DAILY, TAGALOG	QG52xi	WIA	VK4TJ
7193.4	3	2013	6	14	0830		J3E/U			PHI	DAILY, TAGALOG	QG52xi	WIA	VK4TJ
	5													
7197.0		2013	6	1	1010		G7D				>8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7197.5		2013	6	2	<1840>	1840	A1A		?	Unid	Continuous "Dits"	RF72LQ	NZART	ZL1BAD
											Unknown system - phase mod.			
7197.5		2013	6	9	<1115>	1115-1205	XXX		?	Unid		RF72LQ	NZART	ZL1BAD
7200.0	3	2013	6	11	0920		J3E/U				SOUNDS BAHASA	QG52xi	WIA	VK4TJ
	5													
7200		2013	6	1	2210	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	1	2214	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
	3										Chinese talk and music			
7200		2013	6	1	2258	anytime	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal 5+1 after QRT	PM97	JARL	Hohhot
	5													
7200		2013	6	2	2210	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	2	2216	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non

7200	3										Chinese talk and music			
7200	5	2013	6	2	2258	anytime	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	3	2206	anytime	A3E	273	CHN	PBS Nei Meng	5+1 after QRT	PM97	JARL	Hohhot
7200	3	2013	6	3	2210	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	6	3	2258	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	4	2200	anytime	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	4	2206	anytime	A3E	non	CHN	non	5+1 after QRT	PM97	JARL	non
7200	5	2013	6	4	2258	anytime	A3E	273	RUS	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	5	2208	anytime	A3E	273	CHN	PBS Nei Meng	5+1 Opening	PM97	JARL	Hohhot
7200	5	2013	6	5	2212	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	6	2216	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	6	2220	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	5	2013	6	6	2258	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	7	2220	anytime	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal	PM97	JARL	Hohhot
7200	5	2013	6	7	2226	anytime	A3E	non	CHN	non	5+1 after QRT	PM97	JARL	non
7200	3	2013	6	8	2206	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	5	2013	6	8	2210	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	9	2200	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	9	2204	anytime	A3E	non	CHN	non	22:00 UTC Time signal	PM97	JARL	non
7200	5	2013	6	9	2258	anytime	A3E	273	CHN	PBS Nei Meng	5+1 Opening	PM97	JARL	Hohhot
7200	3	2013	6	10	2212	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	5	2013	6	10	2216	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	11	2220	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	non
7200	3	2013	6	11	2224	anytime	A3E	non	CHN	non	22:00 UTC Time signal	PM97	JARL	non
7200	5	2013	6	11	2258	anytime	A3E	273	CHN	PBS Nei Meng	5+1 Opening	PM97	JARL	Hohhot
7200	3	2013	6	12	2210	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	12	2214	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non

	5										Chinese talk and music			
7200		2013	6	13	2210	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	13	2214	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	3										Chinese talk and music			
7200		2013	6	13	2258	anytime	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal	PM97	JARL	Hohhot
	5										5+1 after QRT			
7200		2013	6	14	2208	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	14	2224	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	15	2200	anytime	A1A	273	CHN	PBS Nei Meng	22:00UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	15	2204	anytime	A1A	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	17	2210	anytime	A3E	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	17	2214	anytime	A3E	non	CHN	non	Chinese talk and music	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	18	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	18	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	19	2200	anytime	A1A	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	19	2204	anytime	A1A	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	20	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	20	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	21	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	21	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	22	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	22	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	23	2206	anytime	A1A	273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	23	2210	anytime	A1A	non	CHN	non	Chinese talk and music	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	24	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	24	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	25	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	25	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
	5										Chinese talk and music			
7200		2013	6	26	2200	anytime	A3E	273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	26	2204	anytime	A3E	non	CHN	non	5+1 Opening	PM97	JARL	non
											Chinese talk and music			

7200	5	2013	6	27	2204	anytime	A3E		273	CHN	PBS Nei Meng	Chinese talk and music	PM97	JARL	Hohhot
7200	3	2013	6	27	2208	anytime	A3E		non	CHN	non	Chinese talk and music	PM97	JARL	non
	5											Chinese talk and music			
7200		2013	6	28	2200	anytime	A3E		273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	28	2204	anytime	A3E		non	CHN	non	5+1 Opening	PM97	JARL	non
	5											Chinese talk and music			
7200		2013	6	29	2200	anytime	A3E		273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	29	2204	anytime	A3E		non	CHN	non	5+1 Openinng	PM97	JARL	non
	3											Chinese talk and music			
7200		2013	6	29	2258	anytime	A3E		273	CHN	PBS Nei Meng	23:00 UTC Time signal	PM97	JARL	Hohhot
	5											5+1 after QRT			
7200		2013	6	30	2200	anytime	A3E		273	CHN	PBS Nei Meng	22:00 UTC Time signal	PM97	JARL	Hohhot
7200	3	2013	6	30	2204	anytime	A3E		non	CHN	non	5+0 Opening	PM97	JARL	non
	3											Chinese talk and music			
7200		2013	6	30	2258	anytime	A3E		273	CHN	PBS Nei Meng	23:00 UTC Time signal	PM97	JARL	Hohhot
10120.0	5	2013	6	3	0915		G7DF					5+1 after QRT	QG52xi	WIA	VK4TJ
14000.0	3	2013	6	1	0845		J3E/U					DAILY, ASIAN	QG52xi	WIA	VK4TJ
14000		2013	6	DY	HX	HX	G7DE		?	Unid		HF Man Pack 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
14000		2013	6	DY	HX	HX	G7DE/F		?	Unid		HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
												SRI LANKAN FISHING			
												TRAWLERS IN SINHALA			
												LANGUAGE ONLY – 2			
14001		2013	6	1	<0140-0150>		J3E/U			CLN	UNID	OM	MK82	ARSI	
14002.0	3	2013	6	8	0655		J3E/U			PHI		TAGALOG	QG52xi	WIA	VK4TJ
14004		2013	6	29	<0515>	0515	G7DF		330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
14005.0	5	2013	6	9	0605		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
												SRI LANKAN FISHING			
												TRAWLERS IN SINHALA			
												LANGUAGE ONLY – 2			
14005		2013	6	7	<1050-1115>		J3E/U			CLN	UNID	OM	MK82	ARSI	
14006.6	3	2013	6	17	0855		J3E/L			PHI		TAGALOG	QG52xi	WIA	VK4TJ
14008.0	6	2013	6	10	0810		A2A					600 HZ TONE	QG52xi	WIA	VK4TJ
14008.0	1	2013	6	2	0730		F1B	250				DAILY	QG52xi	WIA	VK4TJ
14008.0	3	2013	6	25	0835		F1B	125				MIL 188-141A ALE	QG52xi	WIA	VK4TJ
14008.6	3	2013	6	10	0735		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14010.0	5	2013	6	8	0640		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
14010		2013	6	29	<0506>	0506	G7DF		330	?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
14010.1	3	2013	6	15	0940		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14013.1	3	2013	6	1	0845		J3E/U					DAILY, ASIAN	QG52xi	WIA	VK4TJ
14014.0	3	2013	6	1	0845		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
	5											100'S OF			
												SUBCARRIERS ON			
14014.0		2013	6	1	0845		G7D					APPROX 50 HZ	QG52xi	WIA	VK4TJ
												INTERVALS			

14014		2013	6	1	<0140-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2013	6	7	<1235-1255>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2013	6	9	<0140-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2013	6	11	<0140-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014	3	2013	6	19	<0140-0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014.4	1	2013	6	8	0640	J3E/U				ARABIC OR SIMILAR LANGUAGE	QG52xi	WIA	VK4TJ
14016.0	3	2013	6	18	0910	F1B	500			CONTINUOUS READING NUMBER CIPHER IN CHINESE	QG52xi	WIA	VK4TJ
14016.0		2013	6	5	1015	J3E/U				HF Man Pack S1 8-PSK TWO OM IN CHINESE	QG52xi	WIA	VK4TJ
14016		2013	6	29	<0516>	G7DF	0516	330	?	Unid	RF73MF	NZART	ZL1GWE
14017	5	2013	6	1	<0140-0150>	J3E/U		CHN	UNID	SPEAKING IN FEW WORDS	MK82	ARSI	
14018.0		2013	6	5	1015	G7D				100'S OF SUBCARRIERS ON APPROX 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14020.0	5	2013	6	19	0730	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14020.1	3	2013	6	2	0735	J3E/L				SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
14021.6	3	2013	6	5	0740	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14023	5	2013	6	29	<0516>	G7DF	0516	330	?	Unid	RF73MF	NZART	ZL1GWE
14024.0	5	2013	6	28	0835	G7D				DOZENS OF SUBCARRIERS ON 90 HZ INTERVALS	QG52xi	WIA	VK4TJ
14025.0		2013	6	26	2240	G7D				100'S OF SUBCARRIERS ON RANDOM INTERVALS	QG52xi	WIA	VK4TJ
14025.0	5	2013	6	9	2220	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14025.0	3	2013	6	3	0830	J3E/L				ASIAN, TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
14025		2013	6	29	<0517>	G7DF	0517	330	?	Unid	RF73MF	NZART	ZL1GWE
14025	3	2013	6	27	<0100-0115>	XXX		UNID	UNID	OTHR SPREADING FROM 14022 TO 14028 Khz	MK82	ARSI	
14026.0		2013	6	28	0835	J3E/L				ASIAN, FOLLOWS THE G7D ON 14024	QG52xi	WIA	VK4TJ

	5										DOZENS OF SUBCARRIERS ON 36 HZ INTERVALS	QG52xi	WIA	VK4TJ	
14027.0	10	2013	6	26	2205		G7D								
14027		2013	6	29	<0330>	0330	P0N		?	Unid	OTHR 3.5 sec burst every 25 secs 80 PPS	RF72LQ	NZART	ZL1BAD	
14028.0	3	2013	6	1	0850		J1C				DAILY	QG52xi	WIA	VK4TJ	
14028.1	3	2013	6	2	0735		J3E/U				ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ	
14030.0	5	2013	6	9	0750		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
	14										OTHR S5 68 pps a bunch of three	RF73MF	NZART	ZL1GWE	
14032		2013	6	29	<0503>	0530	P0N		330	?	Unid				
14037		2013	6	29	<0507>	0507	G7DF		330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
14040.0	5	2013	6	27	0445		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14040.0	20	2013	6	7	0735		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ	
14040.3	3	2013	6	18	0910		J3E/U				ASIAN MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ	
14041.0		2013	6	4	0940		A1A					QG52xi	WIA	VK4TJ	
14041.0	3	2013	6	4	0945		J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14045.0	5	2013	6	9	0735		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14046.5	3	2013	6	28	0840		J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14048.0	3	2013	6	10	0015		J3E/U		PHI		DAILY, TAGALOG	QG52xi	WIA	VK4TJ	
14049.0	3	2013	6	4	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14049.9	3	2013	6	14	0825		J3E/L				ASIAN ASIAN, SW BROADCAST INTERMOD	QG52xi	WIA	VK4TJ	
	8														
14050.0		2013	6	6	0640		A3E					QG52xi	WIA	VK4TJ	
14050.0	1	2013	6	4	1155		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ	
14050.2	3	2013	6	3	0825		J3E/L				ASIAN	QG52xi	WIA	VK4TJ	
14051		2013	6	29	<0507>	0507	G7DF		330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
14052.2	3	2013	6	7	1220		J3E/L				ASIAN	QG52xi	WIA	VK4TJ	
14055.0	5	2013	6	9	0010		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14055.0	20	2013	6	26	2215		P0N				OTHR	QG52xi	WIA	VK4TJ	
14056		2013	6	29	<0516>	0516	G7DF		330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
14058.0	1	2013	6	5	1015		F1B	250			CONTINUOUS APPROX 20 SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA	VK4TJ	
	3														
14058.0		2013	6	5	0850		G7D					QG52xi	WIA	VK4TJ	
14060.0	20	2013	6	5	0625		P0N				OTHR	QG52xi	WIA	VK4TJ	
14060.0	5	2013	6	1	0900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14060		2013	6	29	<0651>	0651	G7DF		330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
14062.0	1	2013	6	6	0725		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ	
14062.1	3	2013	6	26	0810		J3E/L				ASIAN	QG52xi	WIA	VK4TJ	
14064.0	1	2013	6	10	0835		F1B	250			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ	
14064	24	2013	6	28	<0801>	0801	P0N		330	?	Unid	OTHR S7 70 pps	RF73MF	NZART	ZL1GWE
14065.0	20	2013	6	28	0805		P0N				OTHR	QG52xi	WIA	VK4TJ	
14065.0	5	2013	6	1	2030		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14066.0	3	2013	6	24	0910		J3E/U				ASIAN	QG52xi	WIA	VK4TJ	

14067	10	2013	6	29	<0315>	0315-0400	P0N	?	Unid	OTHR 4 sec burst every 25 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14069.7	3	2013	6	10	1030		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14070.0	5	2013	6	15	0520		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
	5									8 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14071.0		2013	6	5	0855		G7D			ASIAN	QG52xi	WIA	VK4TJ
14072.0	3	2013	6	26	0810		J3E/U				QG52xi	WIA	VK4TJ
	10												
14075		2013	6	29	<0030>	0030-1000	P0N	?	Unid	OTHR 3.5 sec bursts every 25 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
	5									8 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14080.0		2013	6	14	0820		G7D			ASIAN	QG52xi	WIA	VK4TJ
14083.2	3	2013	6	15	0840		J3E/U			100'S OF SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA	VK4TJ
	5									ASIAN	QG52xi	WIA	VK4TJ
14092.0		2013	6	6	0730		G7D			HF MANPACK	QG52xi	WIA	VK4TJ
14093.6	3	2013	6	6	0730		J3E/L			OTHR	QG52xi	WIA	VK4TJ
14095.0	5	2013	6	15	0830		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14100.0	20	2013	6	29	0645		P0N			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14100.0	5	2013	6	18	0910		G7DF			DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14100.0	3	2013	6	4	0950		J3E/U			OTHR 4 sec burst every 25 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14101.9	3	2013	6	22	0915		J3E/U	PHI		OTHR	QG52xi	WIA	VK4TJ
	10									MIXED NUMBER/LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
14104		2013	6	18	<0422>	0422	P0N	?	Unid	OTHR bursts, very weak S1 (nearly three hours worth)	RF73IJ	NZART	ZL1TPH
14105.0	20	2013	6	2	0740		P0N			OTHR 4 sec bursts	RF72LQ	NZART	ZL1BAD
										OTHR 3.5 sec burst every 25 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14106.0		2013	6	21	0850		A1A			OTHR S7 68 pps	RF73MF	NZART	ZL1GWE
	16									OTHR 3.5 sec burst every 35 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14106		2013	6	18	<0433>	0433-0720	P0N	?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
14107	10	2013	6	23	<0145>	0145	P0N	?	Unid				
	10												
14107		2013	6	29	<0330>	0330	P0N	?	Unid				
14107.5	19	2013	6	29	<0505>	0530	P0N	330	?				
	10												
14108		2013	6	26	<0220>	0220	P0N	?	Unid				
14108	10	2013	6	30	<0400>	0400	P0N	?	Unid				
	20												
14110.0		2013	6	1	2250		P0N				QG52xi	WIA	VK4TJ
	10									OTHR 4 sec burst every 35 secs 80PPS	RF72LQ	NZART	ZL1BAD
14110		2013	6	17	<2320>	2320-2355	P0N	?	Unid	OTHR 5 sec burst every 25 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
	10									OTHR Off @ 2323 hrs	RF72LQ	NZART	ZL1BAD
14110		2013	6	18	<0430>	0430	P0N	?	Unid				
14110	10	2013	6	19	<2323>	2323	P0N	?	Unid				

14110.7		2013	6	7	<1050-1115>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
	25										OTHR 63 pps S8 4 second bursts 20 second gap between bursts			
14111.5		2013	6	30	<0702>	0702	P0N		330	?	Unid	RF73MF	NZART	ZL1GWE
14115.0	5	2013	6	15	0830		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14115.0	20	2013	6	9	2120		P0N				OTHR	QG52xi	WIA	VK4TJ
	66										OTHR 66pps S9 + 10dbm multiple bursts			
14115		2013	6	2	<0737>	0737	P0N		330	?	Unid	RF73MF	NZART	ZL1GWE
	10										OTHR 4 sec burst every 32 secs 80 PPS			
14115		2013	6	16	<2125>	2125	P0N			?	Unid	RF72LQ	NZART	ZL1BAD
14116.0	1	2013	6	10	0835		F1B	250			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14120.0	5	2013	6	6	0730		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
											MIXED NUMBER/LETTER CIPHER			
14121.0		2013	6	7	1000		A1A				100'S OF SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA	VK4TJ
	5										OTHR Off @ 2323 hrs			
14122.0		2013	6	14	0820		G7D				OTHR 66pps S9 + 10dbm multiple bursts	RF72LQ	NZART	ZL1BAD
14122	10	2013	6	19	<2323>	2323	P0N		?	Unid	HF MANPACK	RF73MF	NZART	ZL1GWE
	26										OTHR 4 sec pulse every 20 secs	QG52xi	WIA	VK4TJ
14123		2013	6	2	<0737>	0737	P0N		330	?	Unid	RF73MF	NZART	ZL1GWE
14125.0	5	2013	6	29	0930		G7DF				OTHR S8 70 pps	RF73MF	NZART	ZL1GWE
	10										2 SUBCARRIERS ON 850 HZ SPACING	QG52xi	WIA	VK4TJ
14125		2013	6	12	<2200>	2200	P0N			?	Unid	RF72LQ	NZART	ZL1BAD
14125.5	65	2013	6	11	<0732>	0732-0735	P0N		310	?	Unid	RF73MF	NZART	ZL1GWE
14127.0	1	2013	6	2	0740		F1B	250				QG52xi	WIA	VK4TJ
	3										HF Man Pack S2 HF Man Pack 8-PSK			
14128.0		2013	6	5	0745		G7D				TAGALOG	QG52xi	WIA	VK4TJ
											ASIAN	QG52xi	WIA	VK4TJ
14129		2013	6	29	<0658>	0658	G7DF		330	?	Unid	RF73MF	NZART	ZL1GWE
14130.0	3	2013	6	1	0850		J3E/U			PHI		QG52xi	WIA	VK4TJ
14131.2	3	2013	6	16	0835		J3E/U				HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
14133		2013	6	29	<0657>	0657	G7DF		330	?	Unid	RF73MF	NZART	ZL1GWE
14135		2013	6	29	<0713>	0713	G7DF		330	?	Unid	RF73MF	NZART	ZL1GWE
											Russian Military ODFM 12 tones AT3004D S4 120 baud			
14138		2013	6	28	<0724>	0724	M7B	120	330	RUS	Unid	RF73Mf	NZART	ZL1GWE
	5										8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14139.0		2013	6	20	0905		G7D				Multi-chnl	RF72LQ	NZART	ZL1BAD
14139	3.3	2013	6	19	<2320>	2320	M7B			?	Unid	RF73MF	NZART	ZL1GWE
14139.5	3	2013	6	17	0820		J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14139.5	3	2013	6	10	0810		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
	5										12 SUBCARRIERS ON 200 HZ INTERVALS			
14140.0		2013	6	26	2230		G7D				ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
	3											QG52xi	WIA	VK4TJ
14140.0		2013	6	8	0940		J3E/L					QG52xi	WIA	VK4TJ

	10									OTHR 4 sec pulses every 20 secs. Double pulses off-set 5 kHz. 80PPS 12 chnl AT3004D Modem			
14140		2013	6	12	<2200>	2200	P0N		? Unid		RF72LQ	NZART	ZL1BAD
14140	5	2013	6	28	<1115>	1115-1140	M7B		RUS Unid	Encrypted 100'S OF SUBCARRIERS ON ROUGHLY 38 HZ INTERVALS	RF72LQ	NZART	ZL1BAD
14141.0		2013	6	20	1150		G7D				QG52xi	WIA	VK4TJ
14141.4	3	2013	6	8	0940		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14141.6	3	2013	6	15	0835		J3E/L			ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
	10									OTHR 4 sec pulse every 20 secs Double pulses off-set 5 kHz			
14145		2013	6	12	<2200>	2200	P0N		? Unid		RF72LQ	NZART	ZL1BAD
	10												
14145		2013	6	26	<0500>	0500	P0N		? Unid	OTHR 3.5 sec burst every 30 secs 80 PPS DAILY, ASIAN, FAMILY NET	RF72LQ	NZART	ZL1BAD
	3												
14148.0		2013	6	3	0820		J3E/U				QG52xi	WIA	VK4TJ
14151.4	3	2013	6	8	0940		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14157.0	3	2013	6	4	0940		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14159.4	3	2013	6	15	0840		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
	5									100'S OF SUBCARRIERS ON 33 HZ INTERVALS			
14162.0		2013	6	4	0950		G7D				QG52xi	WIA	VK4TJ
14171.5	3	2013	6	28	0845		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
	5									8 SUBCARRIERS ON 200 HZ INTERVALS			
14174.0		2013	6	13	0930		G7D				QG52xi	WIA	VK4TJ
14175		2013	6	16	<2110>	2110	F7D		? Unid	Idle on all channels	RF72LQ	NZART	ZL1BAD
	5									8 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS			
14179.0		2013	6	5	0745		G7D				QG52xi	WIA	VK4TJ
	3									ASIAN, SOUNDS TAGALOG			
14182.1		2013	6	30	0850		J3E/U				QG52xi	WIA	VK4TJ
14185.0	1	2013	6	17	0820		F1B	500		CONTINUOUS	QG52xi	WIA	VK4TJ
	10									OTHR 4 sec burst every 39 secs 80 PPS			
14185		2013	6	16	<2125>	2125	P0N		? Unid		RF72LQ	NZART	ZL1BAD
14186.9	3	2013	6	24	0910		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
	15												
14187		2013	6	17	<0420>	0420-0445	P0N		? Unid	OTHR 3.5 sec burst every 30 secs 80 PPS	RF72LQ	NZART	ZL1BAD
	10												
14190		2013	6	26	<0620>	0620	P0N		? Unid	OTHR 3.5 sec burst every 30 secs 80 PPS 100'S OF SUBCARRIERS ON 50 HZ INTERVALS	RF72LQ	NZART	ZL1BAD
	5												
14191.0		2013	6	4	0755		G7D				QG52xi	WIA	VK4TJ
14191		2013	6	29	<0719>	0719	0719	330	? Unid	HF Man Pack S3 8-PSK OTHR 4 sec burst every 30 secs.	RF73MF	NZART	ZL1GWE
	20												
14192		2013	6	22	<0410>	0410	P0N		? Unid		RF72LQ	NZART	ZL1BAD
14192		2013	6	7	<0955>	0955	F1B	250	? Unid	Idling only	RF72LQ	NZART	ZL1BAD
	21												
14194.5		2013	6	30	<0706>	0706	P0N	330	AUS Unid	OTHR S7 varying rate JORN 63-70 pps	RF73Mf	NZART	ZL1GWE

14195	10	2013	6	25	<0815>	0815	F7D		?	Unid	8 Chnls	RF72LQ	NZART	ZL1BAD
14205		2013	6	30	<0420>	0420	P0N		?	Unid	OTHR 4 sec burst every 20 secs 70 PPS	RF72LQ	NZART	ZL1BAD
14205.6	3	2013	6	4	0940		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14207		2013	6	29	<0653>	0653	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
14207.2	3	2013	6	26	0810		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
	24										OTHR S7 66-70 pps			
14211	5	2013	6	30	<0706>	0706	P0N	330	?	Unid	JORN like 100'S OF SUBCARRIERS ON 36 HZ INTERVALS	RF73MF	NZART	ZL1GWE
14213.0		2013	6	26	2230		G7D					QG52xi	WIA	VK4TJ
14213	10	2013	6	19	<0215>	0215-1115	N0N		?	Unid	Un-mod carrier	RF72LQ	NZART	ZL1BAD
14220		2013	6	12	<2220>	2220<2200	P0N		?	Unid	OTHR 5 sec bursts every 4 mins	RF72LQ	NZART	ZL1BAD
14220		2013	6	9	<2055>	2055-2200	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
14220		2013	6	10	<2200>	2200	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
14220		2013	6	13	<1945>	1945	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
14220		2013	6	16	<2110>	2110	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
14220		2013	6	17	<2210>	2210	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
14220		2013	6	19	<2200>	2200	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
14220		2013	6	25	<2010>	2010	F1B	200	?	Unid	Idling only	RF72LQ	NZART	ZL1BAD
											Traffic at 2000 UTC daily. "Odd Ball" speed - not printable			
14220	1	2013	6	DY	<2000>	2000	F1B	200	?	Unid		RF72LQ	NZART	ZL1BAD
14221.0	5	2013	6	26	2235		F1B	FAST 200			CONTINUOUS	QG52xi	WIA	VK4TJ
14230.0	10	2013	6	26	0815		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14230	10	2013	6	3	<2135>	2135	P0N		?	Unid	OTHR 4 sec burst every 30 secs.	RF72LQ	NZART	ZL1BAD
14230	10	2013	6	26	<0620>	0620	P0N		?	Unid	OTHR 4 sec burst every 30 secs	RF72LQ	NZART	ZL1BAD
14233		2013	6	20	<0335>	0335	P0N		?	Unid	OTHR 3.5 sec burst every 40 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
14235.0	20	2013	6	28	0750		P0N				OTHR	QG52xi	WIA	VK4TJ
14235	23	2013	6	30	<0706>	0706	P0N	330	?	Unid	OTHR S7	RF73MF	NZART	ZL1GWE
14236	10	2013	6	16	<2125>	2125	P0N		?	Unid	OTHR 4 sec burst every 30 secs.	RF72LQ	NZART	ZL1BAD
14236	10	2013	6	28	<0700>	0700	P0N		?	Unid	OTHR 3 sec burst every 35 secs 90 PPS	RF72LQ	NZART	ZL1BAD
14237	22	2013	6	30	<0420>	0420	P0N		?	Unid	OTHR 3.5 sec burst every 20 secs 70 PPS	RF72LQ	NZART	ZL1BAD
14238		2013	6	28	<0738>	0738	P0N	330	?	Unid	OTHR 80 pps S7 3 second bursts	RF73MF	NZART	ZL1GWE
14240.0	1	2013	6	30	0855		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
											LETTER CIPHER, LOTS OF NON-ENGLISH CHARACTERS,			
14240.0		2013	6	20	0910		A1A					QG52xi	WIA	VK4TJ

MACHINE SENT

14242	10	2013	6	17	<2320>	2320-2355	P0N			?	Unid	OTHR 4 sec burst every 35 secs 80PPS	RF72LQ	NZART	ZL1BAD
14246		2013	6	29	<0709>	0709	G7DF		330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
14250	10	2013	6	4	<2315>	2315	P0N			?	Unid	OTHR 5 sec burst every 25 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
14250	10	2013	6	26	<0445>	0445	P0N			?	Unid	OTHR 3.5 sec burst every 20 secs 80 PPS Intermittent signal playing music - foreign language	RF72LQ	NZART	ZL1BAD
14253		2013	6	29	<0700>	0700	J3E/U		330	?	Unid	AR OTHR 5 sec burst every 30 secs	RF73MF	NZART	ZL1GWE
14255	15	2013	6	14	<0435>	0435	P0N			?	Unid	OTHR 5 sec burst every 30 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14255	15	2013	6	16	<2118>	2118	P0N			?	Unid	TAGALOG	RF72LQ	NZART	ZL1BAD
14255.4	3	2013	6	18	0845		J3E/U			PHI		QG52xi	WIA	VK4TJ	
14257.0	1	2013	6	17	0825		F1B	500				CONTINUOUS	QG52xi	WIA	VK4TJ
14257.0	5											8 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS			
14257.0	15	2013	6	3	0825		G7D					OTHR 3.5 sec burst every 15 secs 70 PPS	QG52xi	WIA	VK4TJ
14257		2013	6	30	<0400>	0400	P0N			?	Unid	CONTINUOUS	RF72LQ	NZART	ZL1BAD
14258.0	1	2013	6	20	1150		F1B	50 500				OTHR 5 sec burst every 35 secs	QG52xi	WIA	VK4TJ
14260	20	2013	6	6	<2056>	2056	P0N			?	Unid	OTHR 3.5 sec burst every 28 secs 70 PPS	RF72LQ	NZART	ZL1BAD
14260	10	2013	6	26	<0225>	0225	P0N			?	Unid	OTHR 4 sec burst every 35 secs 80PPS	RF72LQ	NZART	ZL1BAD
14263	10	2013	6	23	<2210>	2210	P0N			?	Unid	OTHR Off @ 2323 hrs	RF72LQ	NZART	ZL1BAD
14267	10	2013	6	19	<2323>	2323	P0N			?	Unid	ASIAN	RF72LQ	NZART	ZL1BAD
14269.2	3	2013	6	28	0855		J3E/L					QG52xi	WIA	VK4TJ	
14270.0	20	2013	6	1	2255		P0N					OTHR	QG52xi	WIA	VK4TJ
14270	10	2013	6	3	<2120>	2120	P0N			?	Unid	OTHR 5 sec burst every 25 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
14270	10	2013	6	16	<2125>	2125	P0N			?	Unid	OTHR 5 sec burst every 30 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14270	10	2013	6	17	<2315>	2315-2355	P0N			?	Unid	OTHR 4 sec burst every 35 secs 80PPS	RF72LQ	NZART	ZL1BAD
14275.0	20	2013	6	28	0750		P0N					OTHR	QG52xi	WIA	VK4TJ
14275	10	2013	6	28	<0710>	0710-0723	P0N			?	Unid	OTHR Closed @ 0723	RF72LQ	NZART	ZL1BAD
14277.5	25	2013	6	28	<0739>	0739	P0N		330	?	Unid	OTHR S7 70 pps 3 second bursts	RF73MF	NZART	ZL1GWE
14279		2013	6	29	<0709>	0709	G7DF		330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
14280	10	2013	6	10	<2220>	2220	P0N			?	Unid	OTHR 5 sec burst every 20 secs	RF72LQ	NZART	ZL1BAD
14280	10	2013	6	28	<0400>	0400	P0N			?	Unid	OTHR 3 sec burst every 17.5 secs 90 PPS	RF72LQ	NZART	ZL1BAD

14289	10	2013	6	20	<0335>	0335	P0N		?	Unid	OTHR 3.5 sec burst every 40 secs. 80 PPS	RF72LQ	NZART	ZL1BAD	
14290.0	3	2013	6	1	0855		J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14290		2013	6	22	<0749>	0749	J7D	330	?	Unid	Chinese 4+4 PSK signal				
14293.0	5	2013	6	21	0855		G1D				S4 Suspected Diplomatic traffic	RF73MF	NZART	ZL1GWE	
14293.0	5										VERY BROAD PSK	QG52xi	WIA	VK4TJ	
14293.0	10	2013	6	15	0835		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ	
14293	5	2013	6	10	<2230>	2230	P0N		?	Unid	OTHR 5 sec burst every 20 secs	RF72LQ	NZART	ZL1BAD	
14294.0											MANY SUBCARRIERS ON APPROX 64 HZ INTERVALS				
14294	2	2013	6	25	0855		G7D					QG52xi	WIA	VK4TJ	
14295.0	5	2013	6	26	<0500-9510>		A3E		UNID	UNID	Broadcast splatter	NL06lu	ARSI		
14298.6	3	2013	6	18	0815		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14300.0	20	2013	6	30	0915		J3E/L				ASIAN	QG52xi	WIA	VK4TJ	
					0730		P0N				OTHR	QG52xi	WIA	VK4TJ	
14300.0	2.4	2013	6	3	0750		A1A				DAILY, MOSTLY NON-ENGLISH CHARACTERS, CHIRP & HUM	QG52xi	WIA	VK4TJ	
14300	10	2013	6	11	<0714>	0714-0735	J7D	150	310	CHN	Chinese 4x4 S7 Diplomatic traffic idling and encrypted	RF73MF	NZART	ZL1GWE	
14300	3	2013	6	29	<0315>	0315-4000	P0N		?	Unid	OTHR 3.5 sec burst every 25 secs 70 PPS	RF72LQ	NZART	ZL1BAD	
14301.5	17	2013	6	30	0900		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ	
14301.5	10	2013	6	30	<0820>	0720	P0N		330	?	Unid	OTHR S7 66pps constant	RF73MF	NZART	ZL1GWE
14302	3	2013	6	26	<0455>	0455-0620	P0N		?	Unid	OTHR 3.5 sec burst every 32 secs 80 PPS	RF72LQ	NZART	ZL1BAD	
14303.0	5	2013	6	3	0825		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ	
											100'S OF SUBCARRIERS ON APPROX 50 HZ INTERVALS, FOLLOWED BY J3E/U IN CHINESE				
14305.0	10	2013	6	8	0950		G7D				OTHR 5 sec burst every 20 secs	QG52xi	WIA	VK4TJ	
14305	10	2013	6	10	<2220>	2220	P0N		?	Unid		RF72LQ	NZART	ZL1BAD	
14305	10	2013	6	18	<0430>	0430	P0N		?	Unid	OTHR 3.5 sec burst every 20 secs 80 PPS	RF72LQ	NZART	ZL1BAD	
14307	15	2013	6	29	<0315>	0315	P0N		?	Unid	OTHR 3.5 sec burst every 25 secs 80 PPS	RF72LQ	NZART	ZL1BAD	
14307	23	2013	6	30	<0350>	0350	P0N		?	Unid	OTHR 4 sec bursts every 21 secs 80 PPS	RF72LQ	NZART	ZL1BAD	
14307.5		2013	6	2	<0710>	0710	P0N	330	AUS	Unid	OTHR S7 varying rates 67, 65, 64 pps Suspect JORN	RF73MF	NZART	ZL1GWE	

14310.0	30 10	2013	6	2	0720		P0N				OTHR	QG52xi	WIA	VK4TJ
14315		2013	6	26	<0455>	0455-0620	P0N		?	Unid	OTHR 3.5 sec burst every 32 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14315.8	3	2013	6	16	0840		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14318.8	3 10	2013	6	17	0825		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14320		2013	6	20	<0340>	0340	P0N		?	Unid	OTHR 3.5 sec burst every 40 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
14322.0	3	2013	6	2	0750		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14323.1	3 20	2013	6	27	0915		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14324	10	2013	6	3	<0720>	0720	P0N	330	?	Unid	OTHR 80 pps S4 3 second bursts	RF73MF	NZART	ZL1GWE
14325	10	2013	6	16	<2125>	2125	P0N		?	Unid	OTHR 4 sec burst every 30 secs 80 PPS	RF72LQ	NZART	ZL1BAD
14325	23	2013	6	23	<0120>	0120	P0N		?	Unid	OTHR 4 sec burst every 26 secs 70 PPS	RF72LQ	NZART	ZL1BAD
14329	5	2013	6	2	<0710>	0710	P0N	330	AUS	Unid	OTHR S7 varying rates suspect JORN Australia	RF73MF	NZART	ZL1GWE
14330.0	30	2013	6	29	0715		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14330.0	3	2013	6	2	0720		P0N				OTHR	QG52xi	WIA	VK4TJ
14330.5	10	2013	6	30	0855		J3E/L				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14333	68	2013	6	26	<0620>	0620	P0N		?	Unid	OTHR 4 sec bursts	RF72LQ	NZART	ZL1BAD
14334	27	2013	6	11	<0728>	0727	P0N	310	?	Unid	OTHR 70 pps S9 OTHR 67, 65, 64 varying rates S7 Suspect JORN	RF73MF	NZART	ZL1GWE
14334.5	5	2013	6	2	<0710>	0710	P0N	330	AUS	Unid	Australia	RF73MF	NZART	ZL1GWE
14335.0	1	2013	6	1	0855		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14336.0	3	2013	6	1	0855		F1B	850			CONTINUOUS	QG52xi	WIA	VK4TJ
14337.9	10	2013	6	4	0945		J3E/U				DAILY, ASIAN Russian Military	QG52xi	WIA	VK4TJ
14340	28	2013	6	22	<0800>	0800	M7D	330	RUS	Unid	AT3004D PSK signal 12 frequencies plus guard	RF73MF	NZART	ZL1GWE
14343	3	2013	6	29	<0045>	0045	P0N		?	Unid	OTHR 3.5 sec bursts every 30 secs. 80 PPS	RF72LQ	NZART	ZL1BAD
14346	3	2013	6	2	<0710>	0710	P0N	330	AUS	Unid	OTHR varying rates S7 suspect JORN Australia	RF73MF	NZART	ZL1GWE
14348.0	20	2013	6	5	0825		G7D				8 SUBCARRIERS ON 250 HZ INTERVALS.	QG52xi	WIA	VK4TJ
14350.0	3	2013	6	6	0735		P0N				ALE.	QG52xi	WIA	VK4TJ
14352.7	5	2013	6	15	0840		J3E/L				OTHR, BURSTS	QG52xi	WIA	VK4TJ
18068	5	2013	6	DY	HX	HX	G7DE/F		?	Unid	ASIAN, SOME SPLASH INTO AMATEUR BAND	QG52xi	WIA	VK4TJ
18070.0	20	2013	6	26	0830		G7DF				HF Man Pack 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
18070.0	5	2013	6	18	0920		P0N				HF MANPACK	QG52xi	WIA	VK4TJ
18075.0	10	2013	6	9	2130		G7DF				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18080		2013	6	9	<1130>	1130	P0N		?	Unid	HF MANPACK OTHR 15 sec bursts at variable times	RF72LQ	NZART	ZL1BAD

18085.0	5 3	2013	6	14	0705		G7DF				HF MANPACK SPANISH OR ITALIAN LANGUAGE	QG52xi	WIA	VK4TJ
18086.2		2013	6	1	0835		J3E/U					QG52xi	WIA	VK4TJ
18090.0	5	2013	6	14	0950		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18090.0	20	2013	6	10	0620		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18090		2013	6	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
18105	10 20	2013	6	23	<2220>	2220	P0N		?	Unid	OTHR 5 sec burst every 35 secs 50 PPS OTHR Continuous.. 18164 was Bottom end of sig.	RF72LQ	NZART	ZL1BAD
18164		2013	6	6	<0450>	0450	P0N		?	Unid		RF72LQ	NZART	ZL1BAD
21000.0	3	2013	6	14	0510		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21010.0	5	2013	6	10	2130		G7DF				HF MANPACK MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
21010.0		2013	6	13	0920		A1A					QG52xi	WIA	VK4TJ
21010.0	3	2013	6	10	0715		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21015.0	5	2013	6	29	0155		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21020.0	5	2013	6	7	2335		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21027.7	3	2013	6	22	0935		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
21035.0	5	2013	6	9	0000		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21035.8	3	2013	6	27	2325		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21040.0	5	2013	6	27	0145		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21045.0	5	2013	6	8	0010		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21050.1	3	2013	6	22	0935		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21060.0	5	2013	6	15	0305		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21065.0	5	2013	6	1	0825		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21075.0	5 15	2013	6	6	0850		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21077	5	2013	6	21	<0230>	0230	P0N		?	Unid	OTHR 3.5 sec burst every 20 secs. 80PPS DOZENS OF SUBCARRIERS, RANDOM INTERVALS, CONTINUOUS	RF72LQ	NZART	ZL1BAD
21095.0		2013	6	22	0945		G7D					QG52xi	WIA	VK4TJ
21096.0	3	2013	6	30	0800		F1B	125			MIL 188-141A ALE	QG52xi	WIA	VK4TJ
21100		2013	6	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
21105.1	3	2013	6	6	0825		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21110.0	20 10	2013	6	9	0035		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21110		2013	6	3	<0610>	0610	P0N		?	Unid	OTHR 5 sec burst every 25 secs	RF72LQ	NZART	ZL1BAD
21115.0	20 23	2013	6	30	0835		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21115.5	41	2013	6	2	<0528z>	0528	P0N	330	?	Unid	OTHR 67 pps 8 second duration every 15 seconds	RF73MF	NZART	ZL1GWE
21120.5		2013	6	2	<0528z>	0528	P0N	330	?	Unid	OTHR 67 pps 8 second duration every 15 seconds	RF73MF	NZART	ZL1GWE
21127	15	2013	6	5	<2345>	2345	P0N		?	Unid	OTHR 15 sec bursts	RF72LQ	NZART	ZL1BAD
21130.1	3	2013	6	5	0840		J3E/L				ASIAN	QG52xi	WIA	VK4TJ

21140.0	20	2013	6	10	0625	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ	
	15									OTHR 5 sec bursts				
21145		2013	6	14	<0705>	0705	P0N		?	Unid	every20 secs	RF72LQ	NZART	ZL1BAD
	10										OTHR 5 sec burst every			
21150		2013	6	3	<0605>	0605	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
	10										OTHR 5 sec burst every			
21150		2013	6	26	<0025>	0025	P0N		?	Unid	35 secs 50 PPS	RF72LQ	NZART	ZL1BAD
	10													
21178		2013	6	19	<0355>	0355	P0N		?	Unid	OTHR 3 sec burst every	RF72LQ	NZART	ZL1BAD
											30 secs 80 PPS			
21180.0	5	2013	6	10	0625	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
21194		2013	6	29	<0512>	0512	G7DF	330	?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
	10										OTHR 5 sec burst every			
21200		2013	6	6	<2125>	2125	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
	15										OTHR 5 sec burst every			
21205		2013	6	3	<0440>	0440	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
	15										OTHR 5 sec burst every			
21205		2013	6	14	<0205>	0205	P0N		?	Unid	4 minutes	RF72LQ	NZART	ZL1BAD
21210.0	20	2013	6	15	0825	VXX					FAST SWEEPS	QG52xi	WIA	VK4TJ
	10										OTHR 5 sec burst every			
21210		2013	6	2	<2310>	2310	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
	10										OTHR 5 sec burst every			
21210		2013	6	7	<0125>	0125-0710	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
											SRI LANKAN FISHING			
											TRAWLERS IN SINHALA			
											LANGUAGE ONLY – 2			
21211		2013	6	7	<0600-0615>	J3E/U			CLN	UNID	OM	MK82	ARSI	
	10										OTHR 5 sec burst every			
21215		2013	6	3	<0610>	0610	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
	15										OTHR 20 sec burst every			
21215		2013	6	5	<0150>	0150	P0N		?	Unid	70 secs	RF72LQ	NZART	ZL1BAD
	20										OTHR 5 sec burst every			
21215		2013	6	9	<2150>	2150-2350	P0N		?	Unid	2 mins	RF72LQ	NZART	ZL1BAD
21220		2013	6	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
21220		2013	6	DY	HX	HX	G7DE		?	Unid	HF Man Pack 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
	15										OTHR 20 sec burst every			
21220		2013	6	5	<0325>	0325	P0N		?	Unid	70 secs	RF72LQ	NZART	ZL1BAD
	10										OTHR 5 sec burst every			
21220		2013	6	7	<0215>	0215	P0N		?	Unid	25 secs	RF72LQ	NZART	ZL1BAD
21225.0	5	2013	6	16	0820	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
21227	15	2013	6	5	<0005>	0005	P0N		?	Unid	OTHR 15 sec bursts	RF72LQ	NZART	ZL1BAD
	20										OTHR S3 varying rates			
21229		2013	6	23	<0635>	0635-0654	P0N	330	?	Unid	46-53 pps	RF73Mf	NZART	ZL1GWE
	21													
21229.5		2013	6	23	<0615>	0615-0630	P0N		?	Unid	OTHR, continuous, S6, Cyprus (prop faded)	RF73IJ	NZART	ZL1TPH
21230.0	20	2013	6	2	0640	VXX					FAST SWEEPS	QG52xi	WIA	VK4TJ
21230	15	2013	6	8	<0025>	0025	P0N		?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
21233	15	2013	6	5	<2340>	2340	P0N		?	Unid	OTHR 15 sec bursts	RF72LQ	NZART	ZL1BAD
21235	15	2013	6	11	<0425>	0425	P0N		?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
	20										OTHR 15 sec burst every			
21235		2013	6	13	<0508>	0508	P0N		?	Unid	4 mins	RF72LQ	NZART	ZL1BAD
21235	20	2013	6	27	<0115>	0115-0120	P0N		?	Unid	OTHR Closed @ 0120	RF72LQ	NZART	ZL1BAD

[illegible]

21293	14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</
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24912.5	6	2013	6	1	0105	F3E		ASIAN	QG52xi	WIA	VK4TJ
24925.0	6	2013	6	29	0520	A3E		ASIAN	QG52xi	WIA	VK4TJ
24927.0	3	2013	6	14	2355	F1B	125	MIL 188-141A ALE	QG52xi	WIA	VK4TJ
24935.0	6	2013	6	1	0105	A3E		ASIAN	QG52xi	WIA	VK4TJ
24960.0	5	2013	6	7	2330	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
24965.0	6	2013	6	14	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2013	6	1	0000	F3E		ASIAN	QG52xi	WIA	VK4TJ
28005.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28012.5	6	2013	6	1	0005	F3E		ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28020.0	100	2013	6	2	0235	P0N	IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
	8							SPANISH LANGUAGE			
28025.0		2013	6	13	2355	A3E		MUSIC	QG52xi	WIA	VK4TJ
28025.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28029.0	6	2013	6	2	0240	A3E		ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28037.5	6	2013	6	1	0600	A3E		ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2013	6	2	0250	A3E		ASIAN	QG52xi	WIA	VK4TJ
28040.0	100	2013	6	1	0505	P0N	IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28040.0	6	2013	6	1	0600	A3E		ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28050.0	100	2013	6	14	0350	P0N	IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28050.0	6	2013	6	1	0400	A3E		ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28055.0	5	2013	6	8	0020	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28062.5	6	2013	6	1	0635	A3E		ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28070.0	100	2013	6	14	2340	P0N	IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28075.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28080.8	3	2013	6	2	0210	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2013	6	9	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ
28095.0	6	2013	6	2	0340	A3E		ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2013	6	1	0650	F3E		ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28125.0	6	2013	6	1	0005	F3E		ASIAN	QG52xi	WIA	VK4TJ
28130.0	5	2013	6	2	0410	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28135.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2013	6	1	0655	F3E		ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2013	6	1	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28150.0	6	2013	6	1	0710	A3E		ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2013	6	1	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2013	6	1	0715	A3E		ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ

28170.0	6	2013	6	2	0430	A3E		ASIAN	QG52xi	WIA	VK4TJ
28175.0	6	2013	6	1	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28185.0	6	2013	6	1	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2013	6	1	0400	A3E		ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28200.0	100	2013	6	30	0810	P0N	IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28200.0	6	2013	6	1	0715	A3E		ASIAN	QG52xi	WIA	VK4TJ
28200.0	6	2013	6	30	0810	A3E		ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28210.0	6	2013	6	2	0440	A3E		ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28220.0	6	2013	6	1	0725	A3E		ASIAN	QG52xi	WIA	VK4TJ
28225.0	6	2013	6	1	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2013	6	1	0735	A3E		ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	6	2013	6	19	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	100	2013	6	2	0550	P0N	IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ
28255.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28262.5	6	2013	6	1	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28275.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2013	6	1	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2013	6	1	2320	A3E		ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28312.5	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2013	6	1	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28325.0	6	2013	6	1	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28327.5	6	2013	6	14	0145	A3E		ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28340.0		2013	6	29	0505	A1A	2ACIJ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28345.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28350.0	6	2013	6	9	0045	A3E		ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28375.0	6	2013	6	1	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2013	6	1	0050	A3E		ASIAN	QG52xi	WIA	VK4TJ
28392.0	6	2013	6	28	0215	A3E		ASIAN	QG52xi	WIA	VK4TJ
28395.0	6	2013	6	1	0050	A3E		ASIAN	QG52xi	WIA	VK4TJ
28400.0	6	2013	6	29	0505	A3E		ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2013	6	1	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ

28420.0	6	2013	6	29	0510	A3E				ASIAN	QG52xi	WIA	VK4TJ
28425.0	6	2013	6	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2013	6	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2013	6	29	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2013	6	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2013	6	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
28475.0	6	2013	6	1	0050	F3E				ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2013	6	1	0050	A3E				ASIAN	QG52xi	WIA	VK4TJ
28500.0	6	2013	6	1	0405	A3E				ASIAN	QG52xi	WIA	VK4TJ
28500		2013	6	DY	HX		HX	G7DE/F	?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART ZL1BAD
28500		2013	6	22	<0250>		0250	G7DE	?	Unid	HF Man Pack 6 PSK	RF72LQ	NZART ZL1BAD
28505.0	6	2013	6	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2013	6	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
28525.0	6	2013	6	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28540.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2013	6	29	0510	A3E				ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28575.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28587.5	6	2013	6	1	0050	A3E				ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2013	6	19	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28640.0	6	2013	6	1	0050	A3E				ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2013	6	10	0700	A3E				ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28675.0	6	2013	6	1	0045	A3E				ASIAN	QG52xi	WIA	VK4TJ
28680.0	6	2013	6	1	0045	A3E				ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2013	6	1	0045	A3E				ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28705.0	6	2013	6	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2013	6	1	0045	A3E				ASIAN	QG52xi	WIA	VK4TJ
28725.0	6	2013	6	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ
28725.0	5	2013	6	1	0025			G7DF			HF MANPACK	QG52xi	WIA VK4TJ
28735.0	6	2013	6	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2013	6	1	0045	A3E				ASIAN	QG52xi	WIA	VK4TJ

28745.0	6	2013	6	1	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	6	2013	6	3	0725	F3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2013	6	1	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	6	2013	6	1	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28795.0	6	2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28800.0	6	2013	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28825.0	6	2013	6	19	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
28835.0	6	2013	6	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
28840.0	6	2013	6	19	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
28850.0	6	2013	6	1	0410	A3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	6	2013	6	29	0515	A3E	ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2013	6	1	2310	A3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	6	2013	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2013	6	1	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	6	2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28915.0	6	2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
	6									
28932.0		2013	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2013	6	29	0515	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	6	2013	6	1	0410	F3E	ASIAN	QG52xi	WIA	VK4TJ
28955.0	6	2013	6	1	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	6	2013	6	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	6	2013	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	6	2013	6	10	0705	F3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	6	2013	6	19	0850	F3E	ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2013	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	6	2013	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29040.0	6	2013	6	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	6	2013	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	6	2013	6	1	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29080.0	6	2013	6	1	0410	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	6	2013	6	30	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	6	2013	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29160.0	6	2013	6	19	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2013	6	1	041	F3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	6	2013	6	14	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
29180.0	6	2013	6	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2013	6	30	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29215.0	5	2013	6	1	2315	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
29250.0	6	2013	6	19	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2013	6	1	0415	A3E	ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2013	6	19	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ

29320.0	100	2013	6	1	0415	P0N	IRN	IRANIAN OTHR	QG52xi	WIA	VK4TJ
29325.0	6	2013	6	1	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ
29337.5	6	2013	6	14	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2013	6	19	0855	A3E		ASIAN	QG52xi	WIA	VK4TJ
29351.0		2013	6	1	0030	A1A		DASHES	QG52xi	WIA	VK4TJ
29370.0	3	2013	6	1	0040	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2013	6	10	0705	A3E		ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2013	6	1	0035	A3E		ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2013	6	1	0415	F3E		ASIAN	QG52xi	WIA	VK4TJ
29475.0	6	2013	6	1	0035	F3E		ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2013	6	1	0035	F3E		ASIAN	QG52xi	WIA	VK4TJ
29500.0	6	2013	6	1	0415	A3E		ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2013	6	1	0035	A3E		ASIAN	QG52xi	WIA	VK4TJ
29535.0	6	2013	6	1	0035	A3E		ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2013	6	29	0520	F3E		ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2013	6	19	0855	A3E		ASIAN	QG52xi	WIA	VK4TJ
29562.5	6	2013	6	1	0415	A3E		ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2013	6	1	0035	F3E		ASIAN	QG52xi	WIA	VK4TJ
29585.0	6	2013	6	1	0035	A3E		ASIAN	QG52xi	WIA	VK4TJ
29595.0	6	2013	6	1	0035	A3E		ASIAN	QG52xi	WIA	VK4TJ
29645.0	6	2013	6	1	0035	A3E		ASIAN	QG52xi	WIA	VK4TJ
29650.0	6	2013	6	19	0910	A3E		ASIAN	QG52xi	WIA	VK4TJ
29655.0	6	2013	6	1	2320	A3E		ASIAN	QG52xi	WIA	VK4TJ
29662.5	6	2013	6	14	0155	A3E		ASIAN	QG52xi	WIA	VK4TJ
29675.0	6	2013	6	1	0030	F3E		ASIAN	QG52xi	WIA	VK4TJ
29687.5	6	2013	6	1	0030	F3E		ASIAN	QG52xi	WIA	VK4TJ
29700.0	6	2013	6	1	0420	F3E		ASIAN	QG52xi	WIA	VK4TJ