



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



October 2014

Peter Young VK3MV

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

This month there were 917 observations of intruders made across the Region as compared to last month's number of 745.

OHR systems continue to be a problem on 10, 15 and 20 meters, despite repeated reports to regulatory authorities.

There are the usual intrusions RUS cw beacons stations 40 meters.

There is the continual illegal use of 10 meters for local short-range communications in a number of Asian countries. More detail is 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. Monitoring reports can also be sent directly to me, if you don't have a national monitoring coordinator.

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
3527.0	3	2014	9	9	1840		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3585.0	3	2014	9	3	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3620.0	40	2014	9	11	1920		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3623.0	3	2014	9	3	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3650.0	3	2014	9	9	1840		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3652.0		2014	9	11	1920		A1A						MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
3655.0	3	2014	9	3	1940		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3680.0	40	2014	9	17	1025		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3697.0	1	2014	9	9	1835		F1B		800					QG52xi	WIA	VK4TJ
3777.0		2014	9	3	1935		A1A					RIS9	CALLING M8JF	QG52xi	WIA	VK4TJ
6920.0	200	2014	9	14	2015		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	9	1	0910		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	9	3	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	9	9	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	9	4	0905		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	9	3	1005		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	1	2014	9	3	1950		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
7015.0	3	2014	9	3	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	9	9	0940		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	9	1	0915		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	9	3	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	9	3	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	9	19	0905		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2014	9	1	0915		J3E/L				INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7035.0	5	2014	9	9	1835		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ
7038.7		2014	9	1	2000		A1A				RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.2		2014	9	3	1005		A1A				RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2014	9	1	0910		A1A				RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7050.2	3	2014	9	11	1925		J3E/L				UKR		POLITICAL SPEECHES, MUSIC	QG52xi	WIA	VK4TJ
7053.0	1	2014	9	14	2010		F1B						SELCALL TONES	QG52xi	WIA	VK4TJ
7100.0		2014	9	3	1020		A1A						MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7100.0	3	2014	9	3	1020		J3E/L				INS		DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7109.0	5	2014	9	12	0900		G7D						DOZENS ON SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
7115.0	3	2014	9	14	2010		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
7117.0	2	2014	9	1	2100		F1B		1000		RUS		IDLING	QG52xi	WIA	VK4TJ
7119.0	1	2014	9	16	2005		F1B						SELCALL TONES	QG52xi	WIA	VK4TJ

7120.0	8	2014	9	9	1830	A3E	SOM	RADIO HARGEISA	QG52xi	WIA	VK4TJ
7121.0	5	2014	9	3	1020	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
7137.0	3	2014	9	26	0915	J3E/U		ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
								CHINESE			
7138.0	5	2014	9	26	0910	G7D		6 SUBCARRIERS ON 200	QG52xi	WIA	VK4TJ
								HZ INTERVALS			
7152.0	1	2014	9	9	1830	F1B		SELCALL	QG52xi	WIA	VK4TJ
7160.0	5	2014	9	3	1020	G7D		10 SUBCARRIERS ON	QG52xi	WIA	VK4TJ
								200 HZ INTERVALS			
7172.0	5	2014	9	3	1945	G7D		DOZENS OF CLOSE-	QG52xi	WIA	VK4TJ
								SPACED SUBCARRIERS			
7177.4	3	2014	9	3	1020	J3E/U	PHL	DAILY, ASIAN	QG52xi	WIA	VK4TJ
7181.0	1	2014	9	9	1830	F1B		SELCALL	QG52xi	WIA	VK4TJ
7182.0		2014	9	1	0920	A1A		MIXED NUMBER/LETTER	QG52xi	WIA	VK4TJ
								CIPHER, MANY NON-			
								ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
7183.0	5	2014	9	3	1020	G1D		BROAD PSK			
7187.0	5	2014	9	9	1830	G7D		8 SUBCARRIERS ON 200	QG52xi	WIA	VK4TJ
								HZ INTERVALS			
7188.0	5	2014	9	3	1020	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
7190.0	3	2014	9	3	1025	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
7197.0	5	2014	9	3	1025	G7D		DOZENS OF	QG52xi	WIA	VK4TJ
								SUBCARRIERS ON			
							500	CLOSE-SPACED	QG52xi	WIA	VK4TJ
								INTERVALS			
7248.0	5	2014	9	26	0915	G1D		BURSTS	QG52xi	WIA	VK4TJ
13999.1	3	2014	9	17	0805	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14000.0		2014	9	12	0800	A1A		MIXED NUMBER/LETTER	QG52xi	WIA	VK4TJ
								CIPHER			
14000.0	3	2014	9	6	1010	J3E/U		ASIAN MUSIC	QG52xi	WIA	VK4TJ
14000.0	3	2014	9	2	1010	J3E/U		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14000.0	5	2014	9	1	0925	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
14002.0	3	2014	9	3	1005	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
14005.0	5	2014	9	8	0750	G7DF	RUS	HF MANPACK	QG52xi	WIA	VK4TJ
14006.1	3	2014	9	11	0910	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14007.9	3	2014	9	19	0920	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
14008.0	1	2014	9	5	0750	F1B		CONTINUOUS	QG52xi	WIA	VK4TJ
14008.8	3	2014	9	4	0825	J3E/L		DAILY, ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
								CHINESE, FAMILY NET			
14010.0	3	2014	9	5	1015	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
14010.0	5	2014	9	1	0930	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
14010.3	3	2014	9	1	0930	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14011.2	3	2014	9	9	0845	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14013.0	3	2014	9	29	0355	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14013.2	3	2014	9	18	0810	J3E/U		SPANISH	QG52xi	WIA	VK4TJ
14014.0		2014	9	13	0750	A1A		MIXED NUMBER/LETTER	QG52xi	WIA	VK4TJ
								CIPHER			

14015.0	5	2014	9	1	0935	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14019.0	3	2014	9	12	0835	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14020.0	5	2014	9	1	0940	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14020.0	8	2014	9	23	0945	A3E		PHI	VOA	ASIAN LANGUAGE IMD	QG52xi	WIA	VK4TJ
14020.0	3	2014	9	9	0845	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14022.3	3	2014	9	12	0755	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14024.0	3	2014	9	6	1020	J3E/U				ASIAN, SOUNDS HINDI	QG52xi	WIA	VK4TJ
14025.0	5	2014	9	8	0730	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14028.0	3	2014	9	9	0920	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14030.0	3	2014	9	13	2040	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14030.0	5	2014	9	8	0720	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14035.0	5	2014	9	1	0950	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14035.8	3	2014	9	11	0905	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14038.0	3	2014	9	15	0815	J3E/U				SPANISH OR ITALIAN	QG52xi	WIA	VK4TJ
14040.0	5	2014	9	8	0715	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14042.7	3	2014	9	4	0800	J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14043.0	3	2014	9	6	0910	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14044.7	3	2014	9	19	2135	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14045.0	5	2014	9	8	0710	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14045.0	1	2014	9	2	0715	F1B	300			DAILY, BURSTS	QG52xi	WIA	VK4TJ
14046.2	3	2014	9	8	0920	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14046.9	3	2014	9	1	1000	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14047.6	3	2014	9	3	0825	J3E/L				DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14047.9	3	2014	9	13	0750	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14048.0	3	2014	9	2	0750	J3E/U		PHI		DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14050.0	3	2014	9	28	2340	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2014	9	1	0910	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14052.1	3	2014	9	2	0750	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14053.0	1	2014	9	2	0750	F1B				SELCALL	QG52xi	WIA	VK4TJ
14054.0	3	2014	9	12	0830	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14055.0	5	2014	9	8	0810	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14057.0	3	2014	9	13	2230	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14060.0	20	2014	9	8	0515	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14060.0	5	2014	9	1	1025	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14060.1	3	2014	9	8	0505	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14061.0	3	2014	9	23	0950	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14064.5	3	2014	9	26	0905	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14065.0	5	2014	9	8	0815	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14066.0	5	2014	9	25	0835	G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14066.3	3	2014	9	12	2025	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14066.6	3	2014	9	22	0855	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14070.1	3	2014	9	18	1105	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ

14091.0	3	2014	9	26	0825	J3E/U		ASIAN, SOUNDS CHINESE, FOLLOWS G7D BELOW	QG52xi	WIA	VK4TJ
14092.0	5	2014	9	26	0825	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ
14097.0	3	2014	9	23	0945	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
14100.0	3	2014	9	23	0945	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14100.1	3	2014	9	15	0820	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
14101.4	3	2014	9	18	0820	J3E/U		SPANISH, DISTORTED	QG52xi	WIA	VK4TJ
14102.0	1	3014	9	12	0810	F1B		SELCALL	QG52xi	WIA	VK4TJ
14102.5	3	2014	9	12	0835	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14108.0		2014	9	12	0840	A1A		MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14109.0		2014	9	19	0815	A1A		MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14110.0	20	2014	9	8	0510	P0N		CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14111.0	3	2014	9	2	1025	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14120.1	3	2014	9	21	0940	J3E/U		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14125.0	5	2014	9	4	0830	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
14127.5	1	2014	9	28	1010	F1B	200	CONTINUOUS	QG52xi	WIA	VK4TJ
14133.0	3	2014	9	5	0735	G1D			QG52xi	WIA	VK4TJ
14133.0	1	2014	9	4	0750	F1B	250	CONTINUOUS	QG52xi	WIA	VK4TJ
14140.0	3	2014	9	26	0830	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14140.0	20	2014	9	5	0750	P0N		OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14145.0	3	2014	9	19	0815	J3E/U		ASIAN, FOLLOWED G7D BELOW	QG52xi	WIA	VK4TJ
14147.0	5	2014	9	19	0815	G7D		MANY CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14160.0	1	2014	9	19	0820	F1B	250	DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14160.0	20	2014	9	7	0725	P0N		OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14166.0	3	2014	9	11	0905	J3E/U		ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14189.7	3	2014	9	11	0910	J3E/L		DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14197.0	1	2014	9	15	0825	F1B	200	CONTINUOUS	QG52xi	WIA	VK4TJ
14215.0	1	2014	9	20	0725	F1B		SELCALL TONES	QG52xi	WIA	VK4TJ
14222.0	3	2014	9	18	0820	J3E/U		ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14230.0	3	2014	9	23	0950	J3E/L		ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14249.8	3	2014	9	24	0840	J3E/L		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14250.0	3	2014	9	28	2340	J3E/U		ASIAN FISHBOATS	QG52xi	WIA	VK4TJ
14251.0	5	2014	9	20	0715	G7D		DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14252.0	1	2014	9	2	0755	F1B		SELCALL	QG52xi	WIA	VK4TJ

14253.0	5	2014	9	20	2125	G7D		8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14260.0	5	2014	9	4	0755	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
14269.0	1	2014	9	26	0830	F1B	250	CONTINUOUS	QG52xi	WIA	VK4TJ
14280.0	20	2014	9	19	0925	P0N		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14280.0	1	2014	9	18	0820	F1B	250	CONTINUOUS	QG52xi	WIA	VK4TJ
14285.0	20	2014	9	26	0830	P0N		OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14290.0	20	2014	9	13	0800	P0N		OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14291.0	5	2014	9	25	0840	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
14298.1	3	2014	9	24	0845	J3E/U		ASIAN, FOLLOWED G7D BELOW	QG52xi	WIA	VK4TJ
14300.0	5	2014	9	24	0840	G7D		DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14300.0		2014	9	2	0755	A1A		DAILY, MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14310.0	20	2014	9	26	0835	P0N		OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14311.0	1	2014	9	25	0840	F1B	200	DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14312.5	3	2014	9	26	2110	J3E/U		ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14320.0	5	2014	9	4	0830	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
14331.1	3	2014	9	16	0940	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14332.1	3	2014	9	16	0915	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14339.0	5	2014	9	15	0830	G7D		DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14340.0	20	2014	9	30	0845	P0N		OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14342.0	1	2014	9	23	0940	F1B	250	CONTINUOUS	QG52xi	WIA	VK4TJ
14347.0	5	2014	9	12	0830	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS + BEEP	QG52xi	WIA	VK4TJ
14352.0	3	2014	9	23	0945	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
18070.0	20	2014	9	3	0830	P0N		OTHR	QG52xi	WIA	VK4TJ
18080.0	5	2014	9	2	0720	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
18120.0	5	2014	9	16	0910	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
21000.0	3	2014	9	15	0915	J3E/U		DAILY, ASIAN	QG52xi	WIA	VK4TJ
21000.0	5	2014	9	3	0845	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21005.0	5	2014	9	3	0845	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21010.0	3	2014	9	3	0845	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
21010.0	5	2014	9	7	0430	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21015.0	5	2014	9	19	0940	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
21018.0	3	2014	9	30	0905	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
21020.0	5	2014	9	3	0835	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ

21023.0	3	2014	9	16	0905	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21025.0	5	2014	9	19	0935	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21029.1	3	2014	9	26	0835	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21030.0	5	2014	9	7	0430	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21049.5	3	2014	9	19	0935	J3E/U	DAILY, ASIAN. FISHBOATS - ENGINE NOISE	QG52xi	WIA	VK4TJ
21050.0	5	2014	9	7	0420	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	5	2014	9	14	0925	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21060.0	3	2014	9	14	0855	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21060.0	5	2014	9	7	0440	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21065.0	5	2014	9	14	0050	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21066.5	3	2014	9	14	0050	J3E/L	ASIAN	QG52xi	WIA	VK4TJ
21070.0	5	2014	9	7	0445	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21080.0	5	2014	9	7	0445	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21090.0	5	2014	9	7	0455	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21098.0	1	2014	9	7	0110	F1B	SELCALL	QG52xi	WIA	VK4TJ
21100.0	5	2014	9	21	0950	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21102.1	3	2014	9	21	0850	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21105.0	5	2014	9	3	0840	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21106.8	3	2014	9	21	0850	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21106.9	3	2014	9	19	0845	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21110.0	5	2014	9	24	0845	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21111.1	3	2014	9	23	0955	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
21112.5	8	2014	9	17	1000	F3E	ASIAN	QG52xi	WIA	VK4TJ
21130.0	20	2014	9	23	0955	P0N	SHORT BURSTS	QG52xi	WIA	VK4TJ
21135.0	5	2014	9	24	0850	G7D	8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
21200.0	40	2014	9	17	1005	VXX	SWEEPS, PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21200.0	3	2014	9	7	0505	G1D	BURSTS	QG52xi	WIA	VK4TJ
21212.1	3	2014	9	24	0850	J3E/U	ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21255.0	5	2014	9	18	0830	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21290.0	5	2014	9	18	0835	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21290.0	20	2014	9	9	0925	P0N	SHORT BURSTS	QG52xi	WIA	VK4TJ
21299.9	3	2014	9	26	0850	J3E/L	ASIAN	QG52xi	WIA	VK4TJ
21300.0	20	2014	9	11	0900	P0N	SHORT BURSTS	QG52xi	WIA	VK4TJ
21340.0	5	2014	9	7	0505	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
21358.0	1	2014	9	19	0850	F1B	BURSTS	QG52xi	WIA	VK4TJ
21388.8	3	2014	9	25	0850	J3E/U	ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21446.6	3	2014	9	19	0850	J3E/L	ASIAN	QG52xi	WIA	VK4TJ
24890.0	5	2014	9	14	0810	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
24905.0	6	2014	9	25	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
24912.5	8	2014	9	20	0000	F3E	ASIAN	QG52xi	WIA	VK4TJ

24915.0	6	2014	9	20	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
24925.0	6	2014	9	5	0905	A3E		ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2014	9	14	0610	A3E		ASIAN	QG52xi	WIA	VK4TJ
24950.0	6	2014	9	20	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
24955.0	6	2014	9	21	0910	A3E		ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2014	9	25	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
24975.0	6	2014	9	6	0225	A3E		ASIAN	QG52xi	WIA	VK4TJ
24987.5	6	2014	9	14	0600	A3E		ASIAN	QG52xi	WIA	VK4TJ
28000.0	100	2014	9	8	0550	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28000.0	6	2014	9	1	0630	A3E		ASIAN	QG52xi	WIA	VK4TJ
28000.2		2014	9	14	0325	A1A	4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2014	9	6	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28008.3		2014	9	28	0745	A1A	4IXN	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28012.5	8	2014	9	6	0005	F3E		ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	9	6	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28025.0	8	2014	9	1	0630	F3E		ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2014	9	6	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28037.5	6	2014	9	6	0220	A3E		ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2014	9	6	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28040.1		2014	9	14	0345	A1A	4NAY	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28050.0	5	2014	9	12	2255	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28050.0	8	2014	9	5	0900	F3E		ASIAN	QG52xi	WIA	VK4TJ
28052.7		2014	9	14	0345	A1A	3OBT	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28055.0	5	2014	9	14	0345	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28055.0	6	2014	9	5	0855	A3E		ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2014	9	6	0220	A3E		ASIAN	QG52xi	WIA	VK4TJ
28065.0	5	2014	9	14	2350	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28065.0	6	2014	9	7	2205	A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	9	6	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
28075.0	8	2014	9	6	0005	F3E		ASIAN	QG52xi	WIA	VK4TJ
28080.5		2014	9	14	0715	A1A	4MIG	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28085.0	6	2014	9	6	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2014	9	6	0220	A3E		ASIAN	QG52xi	WIA	VK4TJ
28100.0	100	2014	9	1	0700	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28100.0	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2014	9	6	0215	A3E		ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	9	6	0215	A3E		ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2014	9	6	0215	A3E		ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28150.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2014	9	6	0210	A3E		ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	9	6	0210	A3E		ASIAN	QG52xi	WIA	VK4TJ

28165.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2014	9	1	0635	A3E		ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2014	9	1	0635	A3E		ASIAN	QG52xi	WIA	VK4TJ
28212.5	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2014	9	6	0210	A3E		ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2014	9	6	0210	A3E		ASIAN	QG52xi	WIA	VK4TJ
28240.1		2014	9	28	0810	A1A	5AJS	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28245.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28252.7		2014	9	28	0810	A1A	FX0	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28255.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	9	6	2355	F3E		ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28275.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2014	9	6	0200	A3E		ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	9	7	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28300.0	8	2014	9	6	0010	F3E		ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2014	9	6	0010	A3E		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28312.5	6	2014	9	6	0200	A3E		ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2014	9	6	0010	A3E		ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2014	9	6	0200	A3E		ASIAN	QG52xi	WIA	VK4TJ
28350.0	6	2014	9	1	0635	A3E		ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28358.0	6	2014	9	7	0000	A3E		ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2014	9	6	0200	A3E		ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28375.0	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2014	9	6	0155	A3E		ASIAN	QG52xi	WIA	VK4TJ
28400.0	6	2014	9	5	0905	A3E		ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2014	9	6	0155	A3E		ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2014	9	1	0700	A3E		ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2014	9	1	0635	F3E		ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2014	9	6	0150	A3E		ASIAN	QG52xi	WIA	VK4TJ

28437.5	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28462.5	8	2014	9	6	0150	F3E		ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2014	9	6	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2014	9	6	0150	A3E		ASIAN	QG52xi	WIA	VK4TJ
28500.0	6	2014	9	6	0150	A3E		ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2014	9	6	0150	A3E		ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2014	9	6	0015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28530.0	8	2014	9	7	0000	F3E		ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2014	9	6	0150	A3E		ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2014	9	6	0015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28562.5	6	2014	9	6	0145	A3E		ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	9	6	0020	F3E		ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28600.0	100	2014	9	21	0510	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28600.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28620.0	100	2014	9	28	0520	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28620.0	6	2014	9	7	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28630.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28637.5	6	2014	9	6	0140	A3E		ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	9	1	0640	A3E		ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	9	6	0020	F3E		ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2014	9	6	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28705.0	8	2014	9	6	0020	F3E		ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2014	9	1	0640	A3E		ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2014	9	6	0020	A3E		ASIAN	QG52xi	WIA	VK4TJ

28725.0	8	2014	9	6	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2014	9	1	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2014	9	6	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28740.0	8	2014	9	6	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2014	9	6	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2014	9	6	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2014	9	6	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2014	9	6	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2014	9	7	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	6	2014	9	6	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28785.0	6	2014	9	7	0205	A3E	ASIAN	QG52xi	WIA	VK4TJ
28787.5	6	2014	9	6	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28800.0	8	2014	9	6	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28812.5	8	2014	9	22	0915	F3E	ASIAN	QG52xi	WIA	VK4TJ
28825.0	8	2014	9	6	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28835.0	8	2014	9	6	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28840.0	6	2014	9	7	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2014	9	25	0900	A3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28887.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28900.0	6	2014	9	6	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2014	9	6	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	8	2014	9	6	0115	F3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	9	1	0640	F3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2014	9	6	0115	F3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29005.0	6	2014	9	6	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29062.5	8	2014	9	23	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2014	9	6	0105	F3E	ASIAN	QG52xi	WIA	VK4TJ
29087.5	8	2014	9	23	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29112.5	8	2014	9	25	0905	F3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29137.5	8	2014	9	6	0050	F3E	ASIAN	QG52xi	WIA	VK4TJ
29150.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ

29162.5	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	9	6	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	8	2014	9	6	0050	F3E	ASIAN	QG52xi	WIA	VK4TJ
29195.0	8	2014	9	7	0200	F3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	9	6	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29212.5	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	9	6	0050	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	8	2014	9	7	0055	F3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29287.5	8	2014	9	6	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29337.5	8	2014	9	6	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2014	9	6	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	8	2014	9	6	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	9	6	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2014	9	1	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	8	2014	9	6	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29500.0	8	2014	9	6	0035	F3E	ASIAN	QG52xi	WIA	VK4TJ
29512.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2014	9	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
29525.0	6	2014	9	6	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2014	9	6	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2014	9	1	0645	A3E	ASIAN	QG52xi	WIA	VK4TJ
29562.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2014	9	6	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	9	6	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2014	9	6	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2014	9	6	0030	F3E	ASIAN	QG52xi	WIA	VK4TJ
29645.0	8	2014	9	7	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29650.0	8	2014	9	6	0035	F3E	ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
29655.0	6	2014	9	7	0015	A3E	CHINESE	QG52xi	WIA	VK4TJ
							ASIAN	QG52xi	WIA	VK4TJ

29662.5	8	2014	9	6	0035	F3E				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29675.0	8	2014	9	6	0030	F3E				ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	9	6	0030	F3E				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29700.0	8	2014	9	6	0030	F3E				ASIAN	QG52xi	WIA	VK4TJ
28475.0	20	2014	9	5	<0400-0457>	P0N	240	AUS		50pps OHR location Sth Aust?	QF57SG	WIA	VK2HV
28470.0	20	2014	9	5	0449>0457	P0N		AUS		50pps OHR	QF22MA	WIA	VK3MV
28470.0	20	2014	9	23	<0600-0700>	P0N				50PPS Middle East	QF22MA	WIA	VK3MV
7038.8		2014	10	02	<0020-0040>	A1A		UNID	"D"	SINGLE LETTER BEACON "D"	MK82	ARSI	
14014		2014	10	04	<0325-0335>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2014	10	04	<0325-0335>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14137		2014	10	04	<0325-0335>	J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14001		2014	10	04	<0335-0345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14040		2014	10	05	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14118.9		2014	10	05	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14192		2014	10	05	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14220		2014	10	05	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14252		2014	10	05	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
28008		2014	10	13	<0457-0502>	A1A		UNID	4ION	LONG LINE FISHING NET BEACON OF FAR-EAST	MK82	ARSI	
14028.8		2014	10	14	<0225-0235>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2	MK82	ARSI	

14001.8		2014	10	17	<0255-0315>	J3E/U		CLN	UNID	OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2		
14170		2014	10	17	<0300-0315>	J3E/U		CLN	UNID	OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2	MK82	ARSI
14014		2014	10	18	<0250-0300>	J3E/U		CLN	UNID	OM SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2	MK82	ARSI
7038.8		2014	10	21	<2140-2150>	A1A		UNID	"D"	OM SINGLE LETTER BEACON "D"	MK82	ARSI
7039.8		2014	10	21	<2145-2155>	A1A		UNID	"F"	SINGLE LETTER BEACON "F"	MK82	ARSI
7026	3	2014	10	21	1616	JM	non	non	non	white noise	PM97	JARL
7036	3	2014	10	04	1804	F1B	non	non	non	IDL only	PM97	JARL
7036	3	2014	10	06	1804	F1B	non	non	non	IDL only	PM97	JARL
7036	3	2014	10	08	1804	F1B	non	non	non	IDL only	PM97	JARL
7039	0.5	2014	10	01	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	01	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	01	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	01	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	02	1234	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	02	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	02	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	03	1008	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	03	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	04	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	04	1218	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	04	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	04	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	05	1022	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	05	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	05	1622	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	05	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	05	1932	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	06	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	06	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	06	1630	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	06	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	06	1910	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	07	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	07	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	07	1622	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	07	1832	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	10	08	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	08	1218	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	08	1410	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	08	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	08	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	08	1910	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	09	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	09	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	09	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	09	1822	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	10	1026	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	10	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	10	1622	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	10	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	11	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	11	1632	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	11	1942	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	12	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	12	1222	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	12	1822	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	12	2012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	13	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	13	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	13	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	13	1730	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	14	1818	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	15	1952	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	16	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	17	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	17	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	17	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	17	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	18	1008	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	10	18	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	18	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	18	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	19	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	19	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	19	1822	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	20	1418	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	20	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	20	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	24	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	24	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	24	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
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7039	0.5	2014	10	25	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	25	1824	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	26	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	26	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	26	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	26	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	26	1630	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	26	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	10	27	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	27	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	27	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	27	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	27	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	27	1606	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	28	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	28	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	28	1410	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	29	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	29	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	29	1410	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	29	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	29	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	30	1950	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1402	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1612	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	10	31	1822	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	01	1008	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	01	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	02	1018	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	02	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	03	1006	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	03	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	03	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	03	1818	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	04	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	04	1216	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	04	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	04	1800	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	05	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	05	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	05	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL

7040	0.5	2014	10	05	1810	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	05	1930	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	06	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	06	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	07	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	07	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	07	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	07	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	08	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	08	1216	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	09	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	09	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	09	1618	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	09	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	10	1024	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	10	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	10	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	11	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	11	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	11	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	11	1940	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	12	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	12	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	12	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	12	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	12	2010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	13	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	13	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	14	1824	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	15	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	15	1954	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	16	1824	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	17	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	18	1006	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	18	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	18	2004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	19	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	19	1206	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	19	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	19	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	19	1950	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	20	1416	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	20	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	21	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7040	0.5	2014	10	21	1218	A1A	321	RUS	F--signal	Beacon	PM97	JARL

7040	0.5	2014	10	22	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	10	23	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	10	23	1220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	10	04	11:24						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	05	08:07						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	06	12:52						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	07	14:00						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	08	14:00						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	10	13:00						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	12	11:44						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	14	13:29						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	17	11:36						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	18	12:36						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	19	12:20						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	21	11:31						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	22	12:02						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	27	12:22						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	28	14:40						train of " M "	PM84UQ	JARL	
7040	0.5	2014	10	29	12:18						train of " M "	PM84UQ	JARL	
7040	0.5	2014	10	30	10:55						train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	10	31	11:42						train of " F ", " M "	PM84UQ	JARL	
7065	3	2014	10	02	1820		JM	non	non	non	white noise	PM97	JARL	
7089	168	2014	10	28	1620		P0N	non	non	non	7005KHz - 7173KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7089	168	2014	10	28	1710		P0N	non	non	non	7005KHz - 7173KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7089	168	2014	10	28	1820		P0N	non	non	non	7005KHz - 7173KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7089	168	2014	10	28	1910		P0N	non	non	non	7005KHz - 7173KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7160	3	2014	10	14	1830		JM	non	non	non	white noise	PM97	JARL	
7176	3	2014	10	03	1824		JM	non	non	non	white noise	PM97	JARL	
7195	0.5	2014	10	18	11:41						random number(...n44u 76 u 5436 7t56...)	PM84UQ	JARL	
7000		2014	10	DY	HX	HX	J3E/L		CHN	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2014	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 PSK & 8 PSK	RF72LQ	NZART	ZL1BAD
7039		2014	10	DY	<1700>	1700-2035	A1A		RUS	D	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	10	DY	<1700>	1700-2035	A1A		RUS	M	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	10	DY	<1700>	1700-2035	A1A		RUS	F	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	10	DY	<1700>	1700-2035	A1A		RUS	K	CW Beacon	RF72LQ	NZART	ZL1BAD
7040	3.3	2014	10	07	<1850>	1850	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7063	3.3	2014	10	02	<1810>	1810	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD

7075	3.3	2014	10	02	<1810>	1810	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7075	3.3	2014	10	07	<1850>	1850	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7075	3.3	2014	10	13	<1835>	1835	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7075	3.3	2014	10	15	<1825>	1825	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7075	3.3	2014	10	17	<1835>	1835	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7080	160	2014	10	28	<1925>	1925-1940	P0N		CHN	Unid	OTHR OTHR 10 pps (Freq is centre)	RF72LQ	NZART	ZL1BAD
7120		2014	10	DY	<1840>	1840	A3E		SOM	R.Harygaysa	Broadcast atation B-C stn...Radio Hargaysa	RF72LQ	NZART	ZL1BAD
7120		2014	10	05	<1856>	1856	A3E		SOM	R.Harygaysa	Broadcast atation B-C stn...Radio Hargaysa	RF73MF	NZART	ZL1GWE
7163	3.3	2014	10	02	<1810>	1810	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7163	3.3	2014	10	07	<1820>	1820	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7163	3.3	2014	10	13	<1835>	1835	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7163	3.3	2014	10	15	<1825>	1825	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7163	3.3	2014	10	17	<1835>	1835	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
10135	20	2014	10	31	<0356>	0356-0359	P0N		CYP	Unid	OTHR S9 50 pps 20 kHz Continuous	RF72MS	NZART	ZL1ALZ
14000		2014	10	DY	HX	HX	G7DE		?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL1BAD
14000		2014	10	DY	<0045>	0045	XXX		?	Unid	Ionosheric scanner - all HF bands	RF72LQ	NZART	ZL1BAD
14004		2014	10	05	<0600>	0600	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14007		2014	10	05	<0553>	0553	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14008		2014	10	05	<0557>	0557	G7DF	000	?	Unid	HF Man pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14009		2014	10	05	<0554>	0554	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14010		2014	10	05	<0526>	0526	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14018		2014	10	05	<0552>	0552	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14023		2014	10	05	<0511>	0511	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14036		2014	10	05	<0635>	0635	G7DF	000	?	Unid	HF Man pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14042		2014	10	05	<0554.>	0554	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14045		2014	10	05	<0514>	0514	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14047.7		2014	10	27	<0756>	0756	J3E/L		?	Unid	Non Amateur talking with a woman possibly Mariner Asian Language S7	RF74AS	NZART	ZL2AUA
14057		2014	10	05	<0508>	0508	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14056		2014	10	05	<0504>	0504	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14065		2014	10	05	<0551>	0551	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14068		2014	10	05	<0516.	0516	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14081		2014	10	05	<0609>	0609	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14085		2014	10	05	<0504>	0504	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14090		2014	10	05	<0609>	0609	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14093		2014	10	05	<0523>	0523	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14099		2014	10	05	<0501>	0501	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14102		2014	10	05	<0545>	0545	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14104		2014	10	05	<0542>	0542	G7DF	000	?	Unid	HF Man pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14108		2014	10	05	<0519>	0519	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE

14110		2014	10	05	<0501>	0501	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14114		2014	10	05	<0557>	0557	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14115		2014	10	05	<0526>	0526	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14121		2014	10	05	<0525>	0525	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14124		2014	10	05	<0508>	0508	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14126		2014	10	05	<0507>	0507	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14129		2014	10	05	<0620>	0620	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14132		2014	10	05	<0555>	0555	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14132	15	2014	10	DY	<0440>	0440	P0N		?	Unid	OTHR 3.7 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14135	10	2014	10	DY	<0340>	0340	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14140		2014	10	05	<0519>	0519	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14148		2014	10	05	<0553>	0553	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14154		2014	10	05	<0514.	0514	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14155		2014	10	05	<0509>	0509	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14156		2014	10	05	<0516>	0516	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14166		2014	10	05	<0523>	0523	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14167		2014	10	05	<0510>	0510	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14168		2014	10	04	<0436.	0436	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14173		2014	10	05	<0507>	0507	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14174		2014	10	05	<0512>	0512	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14177		2014	10	05	`<0516>	0516	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14189		2014	10	05	<0502>	0502	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14195		2014	10	05	<0524>	0524	G7DF	000	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14199		2014	10	04	<0603.	0603	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14200	15	2014	10	DY	<2250>	2250	XXX		?	Unid	Multi-chnl Starts each day at approx 2030UTC	RF72LQ	NZART	ZL1BAD
14200	20	2014	10	02	<0450>	0450	P0N		CYP	Unid	OTHR S3 50 PPS continuous	RF74EH	NZART	ZL1PWD
14206	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14208.5	10	2014	10	05	`<0448>	0448-0640	P0N		RUS	Unid	OTHR S6 Continous 50 pps Bandwidth 10 kHz - 14 KhZ 29B6 Gorodets	RF73MF	NZART	ZL1GWE
14209	`	2014	10	04	<0601>	0601	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14211		2014	10	04	<0605>	0605	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14216		2014	10	04	<0605.	0605	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14216	10	2014	10	DY	<2255>	2255	P0N		?	Unid	OTHR 3.6 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14218		2014	10	04	<0602>	0602	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14221		2014	10	DY	<0001>	0001-2200	F1B	200	?	RUS	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2014	10	DY	<1940>	1940	F1B	200	?	RUS	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2014	10	DY	<2100>	2100	F1B	200	?	RUS	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2014	10	DY	<1920>	1920	F1B	200	?	RUS	RTTY Idling	RF72LQ	NZART	ZL1BAD
14229	10	2014	10	07	1845>	1845	P0N		?	RUS	OTHR S6-7 Continuous 29B6 suspected	RF74EH	NZART	ZL1PWD

14230	10	2014	10	DY	<0415>	0415	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14230	20	2014	10	07	<0205>	0205-0305	P0N		?	Unid	OTHR 50 pps	RF72LQ	NZART	ZL1BAD
14233	10	2014	10	11	<0440.	0440.	P0N		?	Unid	OTHR HFSWR 30 secs 7 pps	RF72LQ	NZART	ZL1BAD
14233	20	2014	10	V	<0001>	0001-0230	F7D		?	Unid	Multi-chnl (Usually Russian)	RF72LQ	NZART	ZL1BAD
14234		2014	10	04	<0705>	0705	G7Df	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14234	10	2014	10	DY	<0440>	0440	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14235	10	2014	10	DY	<0339>	0339	P0N		?	Unid	OTHR HFSWR 25 secs 7 pps	RF72LQ	NZART	ZL1BAD
14236		2014	10	04	<0443.	0443	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14236		2014	10	DY	<1825>	1825	A3E		?	Unid	B-C stn Spurious (to noisy to get ID)	RF72LQ	NZART	ZL1BAD
14239		2014	10	04	<0604>	0604	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14240	10	2014	10	DY	<0454>	0454	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14241		2014	10	04	<0657.	0657	g7df	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14250		2014	10	04	<0443>	0443	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14254		2014	10	04	<0438>	0438	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14155	15	2014	10	01	<0420>	0420	P0N		?	Unid	OTHR OTHR 60 pps	RF72LQ	NZART	ZL1BAD
14261		2014	10	04	<0440>	0440	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14270	20	2014	10	DY	<0450>	0450	P0N		?	Unid	OTHR 50 pps	RF72LQ	NZART	ZL1BAD
14278	10	2014	10	DY	<0340>	0340	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14287	175	2014	10	16	<2205>	2205-2305	P0N		?	Unid	OTHR 175 wide. 40 k out & 135k in band. 10 pps	RF72LQ	NZART	ZL1BAD
14258		2014	10	04	<0657.	0657	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14262	10	2014	10	DY	<2255>	2255	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14289		2014	10	04	<0441>	0441	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14295		2014	10	18	<0338>z	0338	A3E	000	?	Unid	Two carriers seperated by 139 Hz possibly 3rd harmonic of Radio Tadjikistan spur	RF73MF	NZART	ZL1GWE
14296		2014	10	04	<0442>	0442	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14300	20	2014	10	02	<0400>	0450	P0N		CYP	Unid	OTHR S3 Cyprus 20 kHz 50 pps continuous	RF74EH	NZART	ZL1PWD
14302		2014	10	04	<0436>	0436	G7DF	000	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14304		2014	10	04	<0444>	0444	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14305		2014	10	04	<0442>	0442	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14313		2014	10	04	<0438>	0438	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14325		2014	10	03	<0258>	0258	XXX		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14325	14	2014	10	04	<0652>	0652	P0N	330	CYP	Unid	OTHR S4 50 pps Continuous Cyprus	RF73MF	NZART	ZL1GWE
14334	14	2014	10	06	<0447>	0447-0612	P0N	000	RUS	Unid	OTHR S6 50 pps Continious Russian 29B6	RF73MF	NZART	ZL1GWE
14340	15	2014	10	06	<0300>	0300	P0N		?	Unid	OTHR 60 pps (10k in band, 5k out)	RF72LQ	NZART	ZL1BAD

14340		2014	10	DY	<1900>	1900	XXX		?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
14346		2014	10	05	<0542.	0542	G7DF	000	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14348	12	2014	10	05	<0545>	0545-0546	P0N	000	?	Unid	OTHR S3 Rate unknown with pip	RF73MF	NZART	ZL1GWE
14350	10	2014	10	06	<0447>	0447	P0N	RUS	?	Unid	OTHR 50 pps Russian 110 kHz bandwidth continuous 29B6 nr Gorodets	RF73MF	NZART	ZL1GWE
14348	14	2014	10	05	<1908>	1908	P0N	000	RUS	Unid	OTHR S5 Russian Continuous 29B6 Nr Gorodets 50 pps	RF73MF	NZART	ZL1GWE
18068		2014	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
21000		2014	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
21036	160	2014	10	27	<0356>	0356-0359	P0N	310	?	Unid	OTHR S9 continuous	RF72MS	NZART	ZL1ALZ
21060	165	2014	10	27	>0545>	0545-0725	P0N		?	Unid	OTHR 165k wide, 10 pps, 5 mins on - 1 min off (approx)	RF72LQ	NZART	ZL1BAD
21062	160	2014	10	27	<0505>	0505	P0N		?	Unid	OTHR S3 10 kHz bandwidth 11 pps continuous 5 minute intervals	RF73MF	NZART	ZL1GWE
21090	20	2014	10	04	<0905>	0905-0910\	P0N		?	Unid	OTHR OTHR 60 pps (Fin @ 0910)	RF72LQ	NZART	ZL1BAD
21098	10	2014	10	25	<0230>	0230	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21127		2014	10	04	<0418>	0418	G7DF		?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21153		2014	10	27	<0519>	0519	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21157	10	2014	10	26	<0225>	0225	P0N		?	Unid	OTHR HFSWR 1 min. 10 pps	RF72LQ	NZART	ZL1BAD
21159		2014	10	04	<0429.	0429	G7DF		?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21168		2014	10	27	<0519>	0519	G7DF		?	Unid	HF man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21177	10	2014	10	21	<0355>	0355-0700	P0N		?	Unid	OTHR 5 secs every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21180	310	2014	10	15	<0325>	0325-0327	P0N		?	Unid	OTHR 310k wide. 40 pps. Rpted every 5 mins	RF72LQ	NZART	ZL1BAD
21212	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21222	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21224	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21227	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	10	27	<0655>	0655	P0N		?	Unid	OTHR HFSWR 1 min on 10 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21330	20	2014	10	11	<0455>	0455	P0N		?	Unid	OTHR 50 pps	RF72LQ	NZART	ZL1BAD

21234	10	2014	10	14	<0235>	0235	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21234		2014	10	27	<0519>	0519	G7DF		?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21240	10	2014	10	03	<0258>	0258	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	10	27	<0615>	0615	P0N		?	Unid	OTHR 2 every 30 secs	RF72LQ	NZART	ZL1BAD
21240	10	2014	10	28	<2300>	2300	P0N		?	Unid	OTHR 2 every 20 secs 50 pps (30 sec gap tween each pair)	RF72LQ	NZART	ZL1BAD
21243	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21245	10	2014	10	19	<0359>	0359	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21248	10	2014	10	11	<2235>	2235	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	10	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	10	29	<0639>	0639	P0N	330	CYP	Unid	OTHR S7 Continuous 50 pps 20 kHz	RF73MF	NZART	ZL1GWE
21255	10	2014	10	08	<0715>	0715	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21259	10	2014	10	19	<0357>	0357	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21261	10	2014	10	03	<0256>	0256	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21263	20	2014	10	20	<0700>	0700-0720	P0N		?	Unid	OTHR HFSWR 10 pps 20 secs on every 1 min.	RF72LQ	NZART	ZL1BAD
21275	10	2014	10	15	<0350	0350	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21285	10	2014	10	09	<2155>	2155	P0N		?	Unid	OTHR 2 secs every 30 secs 70 pps (changed timing from 20 sec to 30 sec)	RF72LQ	NZART	ZL1BAD
21288	10	2014	10	28	<0633>	0633	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	10	02	<0735>	0735	P0N		?	Unid	OTHR .4 every 10 secs 100 pps	RF72LQ	NZART	ZL1BAD
21293	10	2014	10	21	<0648>	0648-0705	P0N		?	Unid	OTHR 2 x 1.5 every 35 secs (1\2 sec between) 80 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	10		<0705>	0705	P0N		?	Unid	OTHR 3.2 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21300	20	2014	10	08	<0710>	0710-0714	P0N		?	Unid	OTHR PPS not measured	RF72LQ	NZART	ZL1BAD
21309		2014	10	26	<2235>	2235	G7DF		?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21320	10	2014	10		<0400>	0400	P0N		?	Unid	OTHR 3 secs 7 pps double pulses. shifts about +/- 10k	RF72LQ	NZART	ZL1BAD
21330	20	2014	10	11	<0455>	0455-0525	P0N		?	Unid	OTHR 50 pps	RF72LQ	NZART	ZL1BAD
21334	10	2014	10	15	<0553>	0553	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21235	10	2014	10	27	<0725>	0725	P0N		?	Unid	OTHR HFSWR 1 min on 10 pps	RF72LQ	NZART	ZL1BAD

21350		2014	10	DY	<0355>	0355-0500	XXX		RFA	CHN	Splatter from 21505. Chinese Language. QTH Tinian Is. Radio Free Asia			
21350	20	2014	10	27	<0705>	0705-0735	P0N		?	Unid	OTHR 100 pps	RF72LQ	NZART	ZL1BAD
21411	15	2014	10	20	<0710>	0710-0720	P0N		?	Unid	OTHR Every 30 secs	RF72LQ	NZART	ZL1BAD
21430	20	2014	10	11	<0504>	0504	P0N		?	Unid	OTHR HFSWR 62 secs	RF72LQ	NZART	ZL1BAD
21430	20	2014	10	13	<0055>	0055	P0N		?	Unid	on 10 pps OTHR Time on varies- from one min. to 30 secs.	RF72LQ	NZART	ZL1BAD
24900		2014	10	DY	HX	HX	G7DE/F		?	Unid	10 pps HF Man Pack Acrossed entire HF bands	RF72LQ	NZART	ZL1BAD
28000		2014	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28000	110	2014	10	29	<0532>	0532	P0N	330	IRN	Unid	OTHR Iranian S3 306 pps 5.3 seconds bursts and 867 pps 3 second bursts	RF73MF	NZART	ZL1GWE
28001.5	53	2014	10	25	<0608>	0608	P0N	330	IRN	Unid	OTHR Iranian 869 pps 3.4 seconds bursts and 307 pps 5.7 seconds S2	RF73MF	NZART	ZL1GWE
28146		2014	10	05	<0424>	0424	F3E		CHN	Unid	Non Amateurs S3 Chinese FM full quietening	RF73MF	NZART	ZL1GWE
28162		2014	10	26	<2229>	2229	F3E	330	CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
28170	20	2014	10	29	<0650>	0650	P0N		?	Unid	OTHR 50 pps	RF73MF	NZART	ZL1GWE
28175		2014	10	26	<2313>	2313	F3E	330	CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF72LQ	NZART	ZL1BAD
28177.5		2014	10	05	<0422>	0422	F3E		CHN	Unid	Non Amateurs S3 Chinese FM	RF73MF	NZART	ZL1GWE
28199	20	2014	10	25	<0649>	0649	P0N	330	CYP	Unid	OTHR S2 50 pps Continuous Cyprus	RF73MF	NZART	ZL1GWE
28200		2014	10	05	<0428>	0428	F3E		CHN	Unid	Non Amateurs S3 Chinese FM + CW Beacons interpersed	RF73MF	NZART	ZL1GWE
28210		2014	10	05	<0428>	0428	G7DF		Unid	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
28225		2014	10	26	<2230>	2230	F3E	330	?	Unid	Non Amateurs S3 QSB FM Good Signal SF 217	RF73MF	NZART	ZL1GWE
28450		2014	10	06	<0609>	0609	F3E		?	Unid	Non Amateurs S3 Chinese FM	RF73MF	NZART	ZL1GWE
28470	20	2014	10	02	<0740>	0740	P0N		?	Unid	OTHR 50 pps	RF72LQ	NZART	ZL1BAD
28475		2014	10	06	<0608>	0608	F3E		?	Unid	Non Amateurs S3 Chinese FM	RF73MF	NZART	ZL1GWE
28525		2014	10	06	<0607>	0607	F3E		CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
28540	20	2014	10	25	<0611>	0611	P0N	330	CYP	Unid	OTHR Cyprus 50 pps 20 kHz bandwidth S2 continuous	RF73MF	NZART	ZL1GWE
28591		2014	10	06	<0605>	0605	G7DF		?	Unid	HF man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28600	60	2014	10	02	<0245>	0245	XXX		?	Unid	Variable tones	RF72LQ	NZART	ZL1BAD
28600	60	2014	10	03	<0245>	0245	XXX		?	Unid	Multi chnl	RF72LQ	NZART	ZL1BAD

28600.5	49	2014	10	26	<0435>	0435	P0N	330	CYP	Unid	OTHR Iranian 722 pps 3.4 seconds bursts, 107 pps			
28630	20	2014	10	01	<0425>	0425	P0N		?	Unid	5.8 second bursts S2	RF73MF	NZART	ZL1GWE
28850	50	2014	10	31	<0345>	0345-0525	XXX		?	Unid	OTHR 50 pps	RF72LQ	NZART	ZL1BAD
28870	20	2014	10	25	<0617>	0617	P0N	330	CYP	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL1BAD
28680	20	2014	10	27	<0502>	0502	P0N	330	CYP	Unid	OTHR 50 pps 20 kHz bandwidth 50 pps S3 continuous	RF73MF	NZART	ZL1GWE
28987		2014	10	26	<2222>	2222	F3E		CHN	Unid	OTHR Cyprus 25 pps 20 kHz S3 continuous	RF73MF	NZART	ZL1GWE
29000		2014	10	26	<2222>	2222	F3E		CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
29075		2014	10	26	<2221>	2221	F3E		CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73Mf	NZART	ZL1GWE
29100		2014	10	26	<2224>	2224	F3E		CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
29175		2014	10	26	<2225>	2225	F3E		CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
29200		2014	10	26	<2227>	2227	F3E	330	CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
29225		2014	10	05	<0440>	0440	F3E	330	CHN	Unid	Non Amateurs S2 Chinese FM	RF73MF	NZART	ZL1GWE
28250		2014	10	26	<2226>	2226	F3E	330	CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
29280		2014	10	05	<0433>	0433	F3E		CHN	Unid	Non Amateurs S4 Chinese FM good signal	RF73MF	NZART	ZL1GWE
29300		2014	10	25	<0732>	0732	P0N	330	CYP	Unid	OTHR 50 pps continuous S3 Cyprus with QSB	RF73MF	NZART	ZL1GWE