



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



December 2014

Peter Young VK3MV

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

This month there were 676 observations of intruders made across the Region as compared to last month's number of 741.

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
3500.0	1	2014	12	29	1945		F1B		500				CONTINUOUS	QG52xi	WIA	VK4TJ
3550.0	150	2014	12	11	1615		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3585.0	3	2014	12	2	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3588.1	3	2014	12	11	1615		J3E/U						ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
3598.8	3	2014	12	4	1825		J3E/U						ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
3623.0	3	2014	12	2	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3710.0	150	2014	12	2	1935		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3770.0	1	2014	12	4	1825		F1B						CONTINUOUS	QG52xi	WIA	VK4TJ
3771.0	3	2014	12	14	1715		J3E/U						ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
6930.0	150	2014	12	2	1925		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	12	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000.0	50	2014	12	20	1945		P0N						OTHR, CONTINUOUS (NOT CHINA)	QG52xi	WIA	VK4TJ
7000		2014	12	DY	HX	HX	J3E/L				?	Unid	Non-Amateurs, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2014	12	DY	HX	HX	G7DE/F				?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
7000		2014	12	25	<0722>	0722	NON				?	Unid	Carrier S1 no modulation with QSB	RF73MF	NZART	ZL1GWE
7005.0	3	2014	12	1	0940		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	12	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	12	1	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	12	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010	50	2014	12	10	<1825>	1825	P0N				?	Unid	OTHR Continuous , 90 pps. Centre freq. 6985, extending to 7010.	RF72LQ	NZART	ZL1BAD
7015.0	3	2014	12	1	0940		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	12	7	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7018.0	2	2014	12	1	2100		F1B	100	1000		RUS	REA4	DAILY	QG52xi	WIA	VK4TJ
7018		2014	12	23	<1825>	1825	XXX				?	Unid	Unknown system.	RF72LQ	NZART	ZL1BAD
7020.0	3	2014	12	1	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	12	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	12	1	1000		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	12	7	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	10	2014	12	20	1025		P0N						OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7030.0	5	2014	12	2	1930		G1D						BROAD PSK	QG52xi	WIA	VK4TJ
7030.0	3	2014	12	4	1835		J3E/L				INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7030.0	10	2014	12	1	0930		P0N						OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7030.0	20	2014	12	11	1610		VXX						CODAR	QG52xi	WIA	VK4TJ
7030	5	2014	12	18	<1205-1210>		R3E/U				CLN	UNID	Two way communication in East Asia language	NL06lu	ARSI	
7035.0	3	2014	12	7	1005		J3E/L				INS		DAILY, MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7038.6		2014	12	1	2100		A1A				RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039		2014	12	DY	<0530>	0530-1900	A1A				RUS	D	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	12	DY	<0530>	0530-1900	A1A				RUS	M	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	12	DY	<0530>	0530-1900	A1A				RUS	F	CW Beacon QTH Vladivostok	RF72LQ	NZART	ZL1BAD

7039		2014	12	DY	<0530>	0530-1900	A1A		RUS	K	CW Beacon	RF72LQ	NZART	ZL1BAD
7039	0.5	2014	12	27		0656	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	27		0658	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	27		0920	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0706	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0708	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0712	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0714	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0910	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0912	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		0914	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	30		1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	31		0704	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	31		0910	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	31		1004	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	31		1108	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	12	31		2120	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039.2		2014	12	1	0930		A1A		RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2014	12	1	0930		A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7040	0.5	2014	12	08		0710	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	08		0902	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	09		0704	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	09		0910	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	09		1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	10		0706	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	10		0804	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	10		1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	11		0710	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	19		0904	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	20		0710	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	20		0930	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	28		0704	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	28		0930	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	28		1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	28		1420	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	29		0650	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	29		0912	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	29		1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	30		0702	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	30		0910	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	12	05		08:33					train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	12	06		11:00					train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	12	07		10:32					train of " F "	PM84UQ	JARL	
7040	0.5	2014	12	08		09:59					train of " F "	PM84UQ	JARL	
7040	0.5	2014	12	24		11:02					train of " F ", " M "	PM84UQ	JARL	

7040	0.5	2014	12	26		10:58				train of " F "	PM84UQ	JARL	
7040	0.5	2014	12	27		11:43				train of " M "	PM84UQ	JARL	
7040	0.5	2014	12	28		12:15				train of " K ", " M ", " F "	PM84UQ	JARL	
7040	0.5	2014	12	31		11:07				train of " M "	PM84UQ	JARL	
7050.0	8	2014	12	14	1725		A3E	UKR		MUSIC & COMMENTARY	QG52xi	WIA	VK4TJ
7090.0	3	2014	12	10	1955		J3E/U			HEAVILY ACCENTED ENGLISH	QG52xi	WIA	VK4TJ
7090.0	40	2014	12	19	1915		VXX			CODAR	QG52xi	WIA	VK4TJ
7091.5		2014	12	2	1930		A1A	RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7100.0	3	2014	12	7	1010		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7100.0	3	2014	12	10	1010		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7104.6	3	2014	12	11	1605		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7110	20	2014	12	31	<1955>	1955	P0N	?	Unid	OTHR 20 k wide Continuous pps not measured	RF72LQ	NZART	ZL1BAD
7115.0	8	2014	12	14	1725		A3E	IN		ALL INDIA RADIO	QG52xi	WIA	VK4TJ
7118	3.3	2014	12	23	<1825>	1825	M7B	?	Unid	Multi chnl	RF72LQ	NZART	ZL1BAD
7119.0	5	2015	12	27	0645		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
7119		2014	12	27	<0620>	0620-0000	L2D	?	Unid	Military transmissions with bit rate 33.3 S9+ Unable to decode	RE54HF	NZART	ZL4IV
7119		2014	12	28	<0620>	0620-0000	L2D	?	Unid	Military transmission S9 + 10 db has path fading QSB - appears not to be local	RE54HF	NZART	ZL4IV
7119		2014	12	28	<0748>	0748-0000	L2D	?	Unid	Military transmission S1-S4 bit rate 33.3 Amplitude modulated	RF73MF	NZART	ZL1GWE
7120.0	40	2014	12	27	1020		VXX			CODAR	QG52xi	WIA	VK4TJ
7123.0		2014	12	4	1840		A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7150.0	100	2014	12	4	1840		P0N			OTHR	QG52xi	WIA	VK4TJ
7171.0	3	2014	12	12	0920		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7174.0	5	2014	12	3	1935		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7175	50	2014	12	21	<1815>	1815	P0N	?	Unid	OTHR 50k wide, 3 pps.	RF72LQ	NZART	ZL1BAD
7177.5	3	2014	12	4	1840		J3E/U			ASIAN, FISHBOATS	QG52xi	WIA	VK4TJ
7190.2	3	2014	12	1	0935		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7197.0	5	2014	12	10	1010		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
7200.0	8	2014	12	11	1605		A3E			SW BROADCAST, SOUNDS	QG52xi	WIA	VK4TJ
7200	5	2014	12	04	<1400-1415>		A3E	BRM	DOM.SER	RUSSIAN MYANMAR IN BURMESE IN THEIR DOMESTIC SERVICE- LSB- SPLASH	MK82	ARSI	
10101		2014	12	18	<2035-2040>		J3E/U	UNID	UNID	2-OM REPEATEDLY USED "OVER" AFTER PHRASE, IN UNID LANGUAGE	MK82	ARSI	
10105.6		2014	12	17	<1415-1425>		J3E/U	UNID	UNID	2-OM IN JAPANESE DIALECT	MK82	ARSI	
10122		2014	12	17	<1420-1430>		J3E/U	UNID	UNID	2-OM IN CHINESE DIALECT	MK82	ARSI	
10130.0	40	2014	12	2	1940		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000.0	5	2014	12	15	0730		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ

14000.0	3	2014	12	1	1010		J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14000.0	30	2014	12	4	0540		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000		2014	12	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
14002.0	3	2014	12	3	0900		J3E/U		PHL		TAGALOG	QG52xi	WIA	VK4TJ
14005.0	3	2014	12	30	0615		G7D				ABOUT 10 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14005.0	5	2014	12	7	2310		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14005.0	10	2014	12	3	0900		P0N				OTHR, SHORT BURSTS	QG52xi	WIA	VK4TJ
14006.0	5	2014	12	24	0610		G7D				12 SUBCARRIERS ON 64 HZ INTERVALS	QG52xi	WIA	VK4TJ
14006		2014	12	23	<0240-0255>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14006		2014	12	24	<0537>	0537	M7B	330	?	Unid	Military transmission 12 tones S3 suspect Russian	RF73MF	NZART	ZL1GWE
14008.6	2	2014	12	17	0835		J3E/L				DAILY, ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14010.0	20	2014	12	16	0540		F3E				SLAVIC LANGUAGE, WIDE FM	QG52xi	WIA	VK4TJ
14010.0	3	2014	12	15	0730		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14010.0	10	2014	12	1	1015		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14010		2014	12	03	<0200-0210>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14010		2014	12	12	<0255-0315>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14010		2014	12	18	<0255-0310>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14010.6	3	2014	12	17	0855		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14012.0	1	2014	12	1	1025		F1B				ALE	QG52xi	WIA	VK4TJ
14014.0	3	2014	12	1	0925		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14014		2014	12	07	<0410-0415>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2014	12	18	<0255-0310>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2014	12	27	<0340-0350>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2014	12	30	<0340-0350>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020.0	5	2014	12	9	1000		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14020.0	3	2014	12	18	0940		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14020.9	3	2014	12	20	0700		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14021.4	3	2014	12	7	0925		J3E/L				ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
14024		2014	12	25	<0200-0215>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

14024.2	3	2014	12	1	1025	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14025.0	5	2014	12	30	0700	G7D				DOZENS OF SUBCARRIERS ON 38 HZ INTERVALS	QG52xi	WIA	VK4TJ	
14028.0	3	2014	12	30	0615	J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ	
14030.0	1	2014	12	30	0620	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ	
14030.0	5	2014	12	20	0745	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14030.0	3	2014	12	15	0750	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14030.0	40	2014	12	1	1025	P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ	
14032.4		2014	12	21	<0300- 0310>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14035.0	5	2014	12	3	1025	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14037		2014	12	07	<0200- 0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14038.0	3	2014	12	3	0520	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ	
14038		2014	12	17	<0700- 0715>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14040.0	5	2014	12	15	0800	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14045.0	1	2014	12	28	2320	F1B	300			BURSTS	QG52xi	WIA	VK4TJ	
14045.0	5	2014	12	14	0755	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14046.8	3	2014	12	14	0755	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14048.0	3	2014	12	3	0605	J3E/U		PHI		DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ	
14050.0	8	2014	12	19	1955	A3E		PHI	VOA	SW BROADCAST TX IMD	QG52xi	WIA	VK4TJ	
14050.0	5	2014	12	15	0800	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14050.0	10	2014	12	13	0900	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ	
14050		2014	12	26	<1845>	A3E	1845	?	Unid	Broadcast Station Spurious BC	RF72LQ	NZART	ZL1BAD	
14052.0	3	2014	12	29	0820	G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ	
14053.0	3	2014	12	3	0525	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14054.0	3	2014	12	3	1930	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ	
14054.7	3	2014	12	28	2210	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14055.0	5	2014	12	7	0800	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14055.5	3	2014	12	24	0820	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14056.9	3	2014	12	27	0805	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14058.0	3	2014	12	10	1020	J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
14060.0	1	2014	12	11	2025	F1B				SELCALL	QG52xi	WIA	VK4TJ	
14060.0	5	2014	12	7	2300	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14060.0	3	2014	12	4	1900	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ	
14070.0	40	2014	12	16	0850	P0N				BURSTS	QG52xi	WIA	VK4TJ	
14075.0	5	2014	12	15	0815	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
14081		2014	12	21	<0729.	P0N	0729	330	G7DF	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
14083.0	3	2014	12	30	0655	J3E/L				ASIAN	QG52xi	WIA	VK4TJ	
14090.0	40	2014	12	27	0750	P0N				BURSTS	QG52xi	WIA	VK4TJ	
14100.0	3	2014	12	12	2105	J3E/L				ASIAN	QG52xi	WIA	VK4TJ	

14100.0	200	2014	12	27	0835		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14102.5	3	2014	12	9	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14111.1	3	2014	12	9	1020		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14117.0		2014	12	1	0910		A1A				QRJ?	QG52xi	WIA	VK4TJ
14120.0	140	2014	12	15	0720		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14120	10	2014	12	01	<0850>	0850	P0N		?	Unid	OTHR Continuous	RF72LQ	NZART	ZL1BAD
14122.0		2014	12	1	0925		A1A				REPEATED OVER & OVER	QG52xi	WIA	VK4TJ
14123.3	3	2014	12	16	0955		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14130.0	10	2014	12	10	1020		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14135.0		2014	12	27	0810		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14140	20	2014	12	07	<0635>	0635	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14157.1	3	2014	12	18	045		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14180.0	20	2014	12	16	0935		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14192.0	1	2014	12	12	0830		F1B	200			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14200.0	10	2014	12	12	0830		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14200	15	2014	12	16	<0655>	0655-0705	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14220.0	20	2014	12	9	1950		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14221.0	1	2014	12	16	0545		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
14222.0	5	2014	12	3	0530		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14230	15	2014	12	DY	<2250>	2250	XXX		?	Unid	Multi-chnl Starts each day at approx 2030UTC	RF72LQ	NZART	ZL1BAD
14280.0	50	2014	12	20	0710		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14290	2	2014	12	04	<1225-1230>		A3E		UNID	UNID	Song in unknown language	NL06lu	ARSI	
14295.0	8	2014	12	3	0530		A3E		TDJ		RADIO TADJIKISTAN SPUR	QG52xi	WIA	VK4TJ
14298	.5	2014	12	04	<1220-1225>		A3E		UNID	UNID	Musical programme in unknown language	NL06lu	ARSI	
14300.0		2014	12	22	0510		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14302.0		2014	12	12	0835		A1A			E	REPEATED OVER & OVER. PLUS SELCALL	QG52xi	WIA	VK4TJ
14303.0	3	2014	12	10	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14309.8	3	2014	12	17	0905		J3E/U				DAILY, ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14330	20	2014	12	09	<1830>	1830	P0N		?	Unid	OTHR HFSWR, 1 min. on, 10 pps. (May be OTHR?) On every 8-10 mins	RF72LQ	NZART	ZL1BAD
14331.0	1	2014	12	10	1025		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14340		2014	12	DY	H24	H24	XXX		?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
14345.0	3	2014	12	18	0959		F1B				SELCALL	QG52xi	WIA	VK4TJ
14346.0	1	2014	12	10	1025		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
18050.0	100	2014	12	11	0110		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
18068		2014	12	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
18075	20	2014	12	21	<0652>	0652	P0N	330	CYP	Unid	OTHR Cyprus S6 Continuous 50 pps	RF73MF	NZART	ZL1GWE
18090.0	5	2014	12	9	2205		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18090.0	20	2014	12	20	0645		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18095	20	2014	12	20	<0639>	0639	P0N	330	CYP	Unid	OTHR Continuous 50 pps S3 Cyprus	RF73MF	NZART	ZL1GWE

18106		2014	12	26	<0705>	0705	N0N	330	?	Unid	Carrier no modulation steady S2	RF73Mf	NZART	ZL1GWE
18109.0	1	2014	12	10	1915		F1B				SELCALL	QG52xi	WIA	VK4TJ
18150.0	100	2014	12	9	0955		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
18160	20	2014	12	20	<0635>	0635-0650	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
18180	160	2014	12	09	<0545>	0545-0625	P0N		?	Unid	OTHR Continuous 160k wide from 18110 to 18270 10 pps	RF72LQ	NZART	ZL1BAD
20900.0	150	2014	12	12	0940		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
20990.0	20	2014	12	21	0905		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
20999.7	3	2014	12	9	1140		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21000.0		2014	12	16	0135		N0N					QG52xi	WIA	VK4TJ
21000.0	20	2014	12	9	1140		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21030.0	10	2014	12	12	1010		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21035	10	2014	12	14	<0210>	<0210	P0N		?	Unid	OTHR 2 secs on every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21050.0	5	2014	12	8	0945		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	20	2014	12	4	0545		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21050	20	2014	12	07	<1850>	1850	P0N		?	Unid	OTHR Continuous	RF72LQ	NZART	ZL1BAD
21050.5	3	2014	12	29	1145		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21055	20	2014	12	04	<0520>	0520	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
21060.0	20	2014	12	10	0520		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21063	10	2014	12	19	<0325>	0325	P0N		?	Unid	OTHR 2.7 every 30 secs 60 pps	RF72LQ	NZART	ZL1BAD
21068	10	2014	12	14	<0220>	0220	P0N		?	Unid	OTHR 2 sec every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21070.0	20	2014	12	1	0910		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21100	10	2014	12	10	<0215>	0215	P0N		?	Unid	OTHR Every 30 secs	RF72LQ	NZART	ZL1BAD
21111.0	3	2014	12	31	'0045		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21140	10	2014	12	19	<0255>	0255	P0N		?	Unid	OTHR 2.5 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21150.0	5	2014	12	12	0030		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21150	10	2014	12	26	<0005>	0005	P0N		?	Unid	OTHR 2.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21160	10	2014	12	26	<0005>	0005	P0N		?	Unid	OTHR 2.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21185	10	2014	12	19	<0250>	0250	P0N		?	Unid	OTHR 2.5 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21200.0	3	2014	12	4	0550		F1B				BURSTS	QG52xi	WIA	VK4TJ
21210	20	2014	12	15	<0550>	0550	P0N		?	Unid	OTHR Continuous	RF72LQ	NZART	ZL1BAD
21215	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21217	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	12	19	<0420>	0420	P0N		?	Unid	OTHR 3 secs every 30 secs 40 pps	RF72LQ	NZART	ZL1BAD
21222	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21227	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	12	18	<0323>	0323	P0N		?	Unid	OTHR 6 secs every 1 min. 40 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21235	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD

21240	10	2014	12	27	<2250>	2250	P0N		?	Unid	OTHR 2 @ OTHR 2.3 secs every 30 secs 60 pps (OTHR 2 secs between bursts)	RF72LQ	NZART	ZL1BAD
21242	10	2014	12	31	<0315>	0315	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21243	10	2014	12	19	<0650>	0650	P0N		?	Unid	OTHR 2.5 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21255	10	2014	12	30	<0446>	0446	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21257	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21265	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21267	10	2014	12	11	<0010>	0010	P0N		?	Unid	OTHR 4.1 every 30 secs 70 pps Closed @ 0015.	RF72LQ	NZART	ZL1BAD
21268	10	2014	12	22	<0330>	0330-0415	P0N		?	Unid	OTHR 3 secs every 25 secs 90 pps	RF72LQ	NZART	ZL1BAD
21270	10	2014	12	22	<0500>	0500-0540	P0N		?	Unid	OTHR Continuous 90 pps	RF72LQ	NZART	ZL1BAD
21272	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21280	10	2014	12	07	<0540>	0540	P0N		?	Unid	OTHR 2.1 every 30 secs 60 pps	RF72LQ	NZART	ZL1BAD
21282	10	2014	12	23	<0705>	0705	P0N		?	Unid	OTHR 2 secs every 25 secs 40 pps	RF72LQ	NZART	ZL1BAD
21283	10	2014	12	27	<2235>	2235	P0N		?	Unid	OTHR 2 @ 2.3 every 30 secs. 60 pps Change timing between bursts	RF72LQ	NZART	ZL1BAD
21287	10	2014	12	16	<0705>	0705	P0N		?	Unid	OTHR 2 secs every variable times 30 pps	RF72LQ	NZART	ZL1BAD
21290.0	20	2014	12	7	0145		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21290	10	2014	12	19	<0320>	0320	P0N		?	Unid	OTHR 3 secs every 30 secs 40 pps	RF72LQ	NZART	ZL1BAD
21290	10	2014	12	19	<0540>	0540	P0N		?	Unid	OTHR 2.5 secs every 30 secs 60 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	12	05	<0130>	0130-0145	P0N		?	Unid	OTHR 1.5+1.2 (no gap) 1 sec between bursts 50 pps (Squeak" before pulses)	RF72LQ	NZART	ZL1BAD
21295		2014	12	21	<0659>	0659	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21295	10	2014	12	30	<0335>	0335	P0N		?	Unid	OTHR 2 @ 1.5 secs - with 5 secs between - every 25 secs 50 pps	RF72LQ	NZART	ZL1BAD
21295		2014	12	21	<0659>	0659	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73Mf	NZART	ZL1GWE
21296	10	2014	12	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21305.0	20	2014	12	19	0555		P0N				OTHR, BURSTS, TRYING DIFFERENT PULSE RATES	QG52xi	WIA	VK4TJ
21305	10	2014	12	10	<2355>	2355	P0N		?	Unid	OTHR 2.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21310	10	2014	12	11	<0001>	0001	P0N		?	Unid	OTHR 2.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21312	10	2014	12	18	<0255>	0255	P0N		?	Unid	OTHR 6 secs every 1 min. 50 pps	RF72LQ	NZART	ZL1BAD
21312	10	2014	12	13	<0530>	0530	P0N		?	Unid	OTHR 3 secs every 30 secs 100 pps	RF72LQ	NZART	ZL1BAD
21325	10	2014	12	16	<0710>	0710	P0N		?	Unid	OTHR 4 secs every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21327	10	2014	12	19	<0645>	0645	P0N		?	Unid	OTHR 2.5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21342	10	2014	12	19	<0300>	0300	P0N		?	Unid	OTHR 3 at variable times 40 pps	RF72LQ	NZART	ZL1BAD
21343	10	2014	12	19	<0705>	0705	P0N		?	Unid	OTHR 2.5 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21350.0	20	2014	12	23	0300		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21350	10	2014	12	18	<0225>	0225-0230\	P0N		?	Unid	OTHR 6 secs every 1 min. 50 pps	RF72LQ	NZART	ZL1BAD

21350		2014	12	DY	<0355>	0355-0500	A3E		Free Asia	CHN	Broadcast Station Splatter from 21505. Chinese Language. QTH Tinian Is. Radio Free Asia	RF72LQ	NZART	ZL1BAD
21360	10	2014	12	19	<0300>	0300	P0N	?	Unid		OTHR 2.5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21366	10	2014	12	20	<0405>	0405	P0N	?	Unid		OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21367	10	2014	12	22	<0330>	0330-0415	P0N	?	Unid		OTHR 3 secs every 25 secs 90 pps	RF72LQ	NZART	ZL1BAD
21367	10	2014	12	16	<0705>	0705	P0N	?	Unid		OTHR 6 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21370	10	2014	12	20	<0405>	0405	P0N	?	Unid		OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21380	10	2014	12	14	<0305>	0305	P0N	?	Unid		OTHR 2.6 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21380	10	2014	12	04	<0410>	0410	P0N	?	Unid		OTHR 3.5 every 20 secs 70 pps	RF72LQ	NZART	ZL1BAD
21390.0	20	2014	12	23	0305		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21392	10	2014	12	07	<0540>	0540	P0N	?	Unid		OTHR 2.7 every 30 secs 70 pps (Fin. @ 0558)	RF72LQ	NZART	ZL1BAD
21397	10	2014	12	19	<0540>	0540	P0N	?	Unid		OTHR 2 bursts, with 13 secs between, both @ 50pps, 1st 3 secs 2nd OTHR 2.5.	RF72LQ	NZART	ZL1BAD
21400.0	20	2014	12	12	0250		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21400	10	2014	12	19	<0240>	0240	P0N	?	Unid		OTHR 2.5 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21400	10	2014	12	10	<2355>	2355	P0N	?	Unid		OTHR secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21412	10	2014	12	11	<0001>	0001-0010	P0N	?	Unid		OTHR 5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21418	10	2014	12	14	<0220>	0220	P0N	?	Unid		OTHR 2 secs every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21423	10	2014	12	23	<0522>	0522	P0N	?	Unid		OTHR every 30 secs - fin @ 0522	RF72LQ	NZART	ZL1BAD
21426	10	2014	12	19	<0250>	0250	P0N	?	Unid		OTHR 3 sec every 30 secs 40 pps	RF72LQ	NZART	ZL1BAD
21430.0	20	2014	12	12	0250		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21430	10	2014	12	14	<0220>	0220	P0N	?	Unid		OTHR Not measured	RF72LQ	NZART	ZL1BAD
21438.0		2014	12	18	0935		A1A	UKR	RCV		NUMBER CIPHER	QG52xi	WIA	VK4TJ
21450.0	20	2014	12	7	0150		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
24850.0	150	2014	12	10	0530		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
24900.0	8	2014	12	19	0600		F3E				ASIAN	QG52xi	WIA	VK4TJ
24900.0	100	2014	12	7	0740		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
24900		2014	12	DY	HX	HX	G7DE/F	?	Unid		HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
24905.0	6	2014	12	16	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
24910	10	2014	12	13	<0455>	0455-0530	P0N	?	Unid		OTHR 5 secs on every 30 secs. 50 pps	RF72LQ	NZART	ZL1BAD
24910	10	2014	12	10	<0325>	0325	P0N	?	Unid		OTHR 5 secs on every 30 secs. 50 pps	RF72LQ	NZART	ZL1BAD
24925.0	6	2014	12	8	0930		A3E				ASIAN	QG52xi	WIA	VK4TJ
24930.0	6	2014	12	10	0050		A3E				ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2014	12	10	0525		A3E				ASIAN	QG52xi	WIA	VK4TJ
24940	10	2014	12	19	<0245>	0245	P0N	?	Unid		OTHR 2.5 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
24945	10	2014	12	14	<0320>	0320	P0N	?	Unid		OTHR 2.3 every 30 secs 60 pps	RF72LQ	NZART	ZL1BAD
24950.0	6	2014	12	24	0300		A3E				ASIAN	QG52xi	WIA	VK4TJ
24960	10	2014	12	23	<0650>	0650	P0N	?	Unid		OTHR 2.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD

24962		2014	12	25	<0650>	0650	F3E	330	CHN	Unid	Non Amateurs Chinese S4 Males talking	RF73MF	NZART	ZL1GWE
24962.5	8	2014	12	10	0040		F3E				ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2014	12	1	0905		A3E				ASIAN	QG52xi	WIA	VK4TJ
24970.0	6	2014	12	10	0040		A3E				ASIAN	QG52xi	WIA	VK4TJ
24970	10	2014	12	23	<0653>	0653	P0N		?	Unid	OTHR 2.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
24975.0	8	2014	12	1	0905		F3E				ASIAN	QG52xi	WIA	VK4TJ
24985.0	6	2014	12	25	0850		A3E				ASIAN	QG52xi	WIA	VK4TJ
24987.5	8	2014	12	31	0520		F3E				ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2014	12	3	0345		A3E				ASIAN	QG52xi	WIA	VK4TJ
28000.0	20	2014	12	16	0625		P0N				BURSTS	QG52xi	WIA	VK4TJ
28000		2014	12	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28000		2014	12	DY	HX	HX	F3E/A3E		CHN	Unid	Non Amateurs Chinese CB'ers every 5 K, when band is open	RF72LQ	NZART	ZL1BAD
28000.2		2014	12	18	0955		A1A			4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2014	12	3	2325		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28005.0	6	2014	12	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28012.5	6	2014	12	3	0400		A3E				ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	12	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	12	3	2315		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28020.0	5	2014	12	3	0650		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28020.5		2014	12	18	0955		A1A			MB9	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28025.0	8	2014	12	2	0155		F3E				ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2014	12	2	0155		A3E				ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2014	12	6	0225		A3E				ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2014	12	24	0255		A3E				ASIAN	QG52xi	WIA	VK4TJ
28050.0	6	2014	12	3	2320		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28050.0	8	2014	12	2	0210		F3E				ASIAN	QG52xi	WIA	VK4TJ
28050.0	5	2014	12	20	0445		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28052.7		2014	12	19	0625		A1A			3OBT	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28055.0	6	2014	12	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2014	12	2	0215		A3E				ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	12	3	2315		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	12	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28068.5	6	2014	12	18	0335		A3E				ASIAN	QG52xi	WIA	VK4TJ
28075.0	6	2014	12	3	2325		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28075.0	8	2014	12	1	0130		F3E				ASIAN	QG52xi	WIA	VK4TJ
28080.5		2014	12	19	0625		A1A			4MIL	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28085.0	6	2014	12	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2014	12	2	0215		A3E				ASIAN	QG52xi	WIA	VK4TJ
28090.0	6	2014	12	2	0215		A3E				ASIAN	QG52xi	WIA	VK4TJ
28090.0	20	2014	12	26	1010		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28092.0	6	2014	12	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28100.0	8	2014	12	2	0220		F3E				ASIAN	QG52xi	WIA	VK4TJ

28100		2014	12	26	<0726>	0726	F3E		330	CHN	Unid	Non Amateurs Chinese S3 FM Males talking	RF73MF	NZART	ZL1GWE
28105.0	6	2014	12	1	0130		A3E					ASIAN	QG52xi	WIA	VK4TJ
28110.0	6	2014	12	18	0335		A3E					ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2014	12	5	0010		A3E					ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	12	1	0130		A3E					ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	12	17	2225		A3E					SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28115.0	8	2014	12	30	0740		F3E					RUSSIAN TAXI DISPATCH	QG52xi	WIA	VK4TJ
28125.0	8	2014	12	1	0130		F3E					ASIAN	QG52xi	WIA	VK4TJ
28130.1	3	2014	12	3	2325		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	12	1	0130		A3E					ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2014	12	5	0030		A3E					ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	12	1	0130		A3E					ASIAN	QG52xi	WIA	VK4TJ
28150.0	1	2014	12	5	2355		F1B	300				WAVERIDER BUOY	QG52xi	WIA	VK4TJ
28150.0	8	2014	12	2	0235		F3E					ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	12	2	0240		A3E					ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28168.2	3	2014	12	3	0445		J3E/U					ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ
28175.0	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28180.0	40	2014	12	27	0705		P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28185.0	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28185	20	2014	12	07	<0438>	0438-0439	P0N		330	CYP	Unid	OTHR Continuous 50 pps S2 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
28187.5	6	2014	12	5	0030		A3E					ASIAN	QG52xi	WIA	VK4TJ
28191.2	6	2014	12	28	0833		A3E					ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28200		2014	12	26	<0725>	0725	F3E		330	CHN	Unid	Non Amateurs Chinese S3 FM Males talking	RF73MF	NZART	ZL1GWE
28205.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28212.5	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28220.0	6	2014	12	16	0720		A3E					ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28230.0	40	2014	12	19	0645		P0N					OTHR, LONG BURSTS	QG52xi	WIA	VK4TJ
28235.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28250.0	6	2014	12	22	0405		A3E					ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	12	1	0135		A3E					ASIAN	QG52xi	WIA	VK4TJ
28275.0	8	2014	12	1	0135		F3E					ASIAN	QG52xi	WIA	VK4TJ
28280.0	8	2014	12	2	0315		F3E					ASIAN	QG52xi	WIA	VK4TJ

28285.0	6	2014	12	1	0135		A3E			ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2014	12	2	0315		A3E			ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	12	1	0135		A3E			ASIAN	QG52xi	WIA	VK4TJ
28300.0	8	2014	12	2	0320		F3E			ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2014	12	1	0135		A3E			ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28315.0	6	2014	12	1	0135		A3E			ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2014	12	1	0135		F3E			ASIAN	QG52xi	WIA	VK4TJ
28330.0	20	2014	12	19	0930		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
28335.0	6	2014	12	1	0135		A3E			ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2014	12	24	0330		A3E			ASIAN	QG52xi	WIA	VK4TJ
28340.0	6	2014	12	25	0850		A3E			ASIAN	QG52xi	WIA	VK4TJ
28350.0	8	2014	12	8	0705		F3E			ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2014	12	1	0135		A3E			ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28375.0	8	2014	12	1	0140		F3E			ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28385	10	2014	12	28	<0550>	0550	P0N	?	Unid	OTHR Continuous with fractional interruption - squeak with each interruption	RF72LQ	NZART	ZL1BAD
28387.5	6	2014	12	2	0405		A3E			ASIAN	QG52xi	WIA	VK4TJ
28390.0	20	2014	12	24	0335		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
28400.0	8	2014	12	1	0140		F3E			ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2014	12	2	0415		A3E			ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2014	12	1	0140		F3E			ASIAN	QG52xi	WIA	VK4TJ
28430.0	6	2014	12	8	0735		A3E			ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28437.5	6	2014	12	2	0415		A3E			ASIAN	QG52xi	WIA	VK4TJ
28440.0	6	2014	12	8	0010		A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28445.0	6	2014	12	2	0415		A3E			ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2014	12	2	0415		A3E			ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28462.5	6	2014	12	20	0505		A3E			ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2014	12	1	0140		F3E			ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2014	12	21	0200		A3E			ASIAN	QG52xi	WIA	VK4TJ
28495.0	6	2014	12	12	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
28500.0	8	2014	12	2	0435		F3E			ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2014	12	21	0200		A3E			ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2014	12	1	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2014	12	1	0140		F3E			ASIAN	QG52xi	WIA	VK4TJ
28530.0	6	2014	12	21	0225		A3E			ASIAN	QG52xi	WIA	VK4TJ

28535.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2014	12	8	0115		A3E					ASIAN	QG52xi	WIA	VK4TJ
28545.0	6	2014	12	21	0225		A3E					ASIAN	QG52xi	WIA	VK4TJ
28550.0	8	2014	12	1	0140		F3E					ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	12	1	0140		F3E					ASIAN	QG52xi	WIA	VK4TJ
28575		2014	12	25	<0629>	0629	F3E		330	CHN	Unid	Non Amateurs Chinese S5 strong signal Whistling Male	RF73MF	NZART	ZL1GWE
28580.0	100	2014	12	18	0330		P0N			IRN		OTHR	QG52xi	WIA	VK4TJ
28585.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28587.5	8	2014	12	2	0455		F3E					ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28599.5	55	2014	12	24	<0653>	0653	P0N		330	IRN	Unid	OTHR Iranian 870 and 304 pps S1 alternating transmissions rates	RF73MF	NZART	ZL1GWE
28600.0	6	2014	12	2	0455		A3E					ASIAN	QG52xi	WIA	VK4TJ
28600.0	100	2014	12	19	0935		P0N			IRN		OTHR	QG52xi	WIA	VK4TJ
28600	50	2014	12	22	<0655>	0655	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28600	50	2014	12	23	<0640>	0640	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28600	50	2014	12	25	<0440>	0440	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28600	50	2014	12	26	<0330>	0330-0600	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28600	50	2014	12	27	<0300>	0300	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28600	50	2014	12	28	<0300>	0300	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28600	50	2014	12	29	<0400>	0400	P0N			IRN	Unid	OTHR Iranian 2 tones 870 & 370 pps	RF72LQ	NZART	ZL1BAD
28601	90	2014	12	26	<0714>	0714	P0N		330	IRN	Unid	OTHR Iranian continuous S1 304 pps and 870 pps alternating tones	RF73MF	NZART	ZL1GWE
28601	81	2014	12	26	<0655>	0655	P0N		330	IRN	Unid	OTHR Iranian continuous S2 309 pps 868 pps bursts	RF73MF	NZART	ZL1GWE
28603	94	2014	12	21	<0644>	0644-	P0N		330	IRN	Unid	OTHR Iranian continuous S2 308 pps 4.8 s 870 pps 3.3 s		NZART	
28605.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28605	72	2014	12	29	<0530>	0530-0720	P0N		330	IRN	Unid	OTHR Iranian continuous S 2 310 and 868 pps alternating	RF73MF	NZART	ZL1GWE
28612		2014	12	21	<0635>	0635	G7DF		330	?	Unid	HF Man Pack 8 pSK S2	RF73MF	NZART	ZL1GWE
28612.5	6	2014	12	8	0830		A3E					ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28625.0	8	2014	12	1	0140		F3E					ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28637.5	6	2014	12	2	0505		A3E					ASIAN	QG52xi	WIA	VK4TJ
28640.0	6	2014	12	24	0340		A3E					ASIAN	QG52xi	WIA	VK4TJ

28645.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28650.0	8	2014	12	2	0510		F3E					ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28662.5	6	2014	12	2	0510		A3E					ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	12	2	0510		F3E					ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	12	1	0140		A3E					ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2014	12	1	0145		A3E					ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2014	12	1	0145		A3E					ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2014	12	1	0145		A3E					ASIAN	QG52xi	WIA	VK4TJ
28700	20	2014	12	25	<0605>	0605-0606	P0N		330	CYP	Unid	OTHR S3 Cyprus Continuous 20 kHz bandwidth 50 pps	RF73MF	NZART	ZL1GWE
28705.0	8	2014	12	1	0145		F3E					ASIAN	QG52xi	WIA	VK4TJ
28710	20	2014	12	27	<0555>	0555	P0N			CYP	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
28710	20	2014	12	27	<0553>	0553-0559	P0N		330	CYP	Unid	OTHR Continuous S7 50 pps 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
28712.5	6	2014	12	8	0835		A3E					ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2014	12	1	0145		A3E					ASIAN	QG52xi	WIA	VK4TJ
28725.0	8	2014	12	1	0145		F3E					ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2014	12	2	0525		A3E					ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2014	12	2	0525		A3E					ASIAN	QG52xi	WIA	VK4TJ
28740.0	6	2014	12	2	0525		A3E					ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2014	12	1	0145		A3E					ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2014	12	2	0525		F3E					ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2014	12	1	0145		A3E					ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2014	12	2	0530		A3E					ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2014	12	8	0835		A3E					ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2014	12	2	0535		F3E					ASIAN	QG52xi	WIA	VK4TJ
28780.0	8	2014	12	2	0540		A3E					ASIAN	QG52xi	WIA	VK4TJ
28785.0	6	2014	12	2	0540		A3E					ASIAN	QG52xi	WIA	VK4TJ
28787.5	8	2014	12	28	0900		F3E					ASIAN	QG52xi	WIA	VK4TJ
28788		2014	12	26	<0648>	0648	F3E		330	CHN	Unid	Non Amateurs S3 Chinese	RF73MF	NZART	ZL1GWE
28800.0	8	2014	12	2	0555		F3E					ASIAN	QG52xi	WIA	VK4TJ
28805.0	6	2014	12	12	0340		A3E					ASIAN	QG52xi	WIA	VK4TJ
28812.5	6	2014	12	8	0855		A3E					ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2014	12	18	0325		A3E					ASIAN	QG52xi	WIA	VK4TJ
28825.0	8	2014	12	2	0605		F3E					ASIAN	QG52xi	WIA	VK4TJ
28830.0	6	2014	12	12	0735		A3E					ASIAN	QG52xi	WIA	VK4TJ
28830.0	5	2014	12	1	0145		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
28837.5	8	2014	12	27	0720		F3E					ASIAN	QG52xi	WIA	VK4TJ
28840.0	6	2014	12	2	0625		A3E					ASIAN	QG52xi	WIA	VK4TJ
28845.0	6	2014	12	8	0910		A3E					ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	12	2	0625		F3E					ASIAN	QG52xi	WIA	VK4TJ
28855.0	6	2014	12	21	0245		A3E					ASIAN	QG52xi	WIA	VK4TJ

28860.0	6	2014	12	27	0700		A3E				ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2014	12	1	0145		F3E				ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2014	12	2	0625		A3E				ASIAN	QG52xi	WIA	VK4TJ
28870.0	6	2014	12	1	0145		A3E				ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2014	12	1	0145		F3E				ASIAN	QG52xi	WIA	VK4TJ
28880.0	6	2014	12	2	0630		A3E				ASIAN	QG52xi	WIA	VK4TJ
28887		2014	12	26	<0645>	0645	F3E	330	CHN	Unid	Non Amateurs S3 Chinese	RF73MF	NZART	ZL1GWE
28887.5	6	2014	12	21	0255		A3E				ASIAN	QG52xi	WIA	VK4TJ
28895.0	6	2014	12	2	0645		A3E				ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2014	12	2	0650		F3E				ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2014	12	1	0825		A3E				ASIAN	QG52xi	WIA	VK4TJ
28910.0	30	2014	12	28	0900		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28912.5	6	2014	12	12	0340		A3E				ASIAN	QG52xi	WIA	VK4TJ
28915.0	6	2014	12	27	0700		A3E				ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	12	1	0750		F3E				ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2014	12	1	0145		A3E				ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2014	12	1	0750		A3E				ASIAN	QG52xi	WIA	VK4TJ
28945.0	6	2014	12	1	0145		A3E				ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2014	12	2	0700		F3E				ASIAN	QG52xi	WIA	VK4TJ
28955.0	6	2014	12	1	0745		A3E				ASIAN	QG52xi	WIA	VK4TJ
28962		2014	12	26	<0647>	0647	F3E	330	CHN	Unid	Non Amateurs S4 FM Chinese	RF73MF	NZART	ZL1GWE
28962.5	8	2014	12	2	0700		F3E				ASIAN	QG52xi	WIA	VK4TJ
28965.0	8	2014	12	2	0705		F3E				ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	12	1	0730		F3E				ASIAN	QG52xi	WIA	VK4TJ
28980.0	100	2014	12	1	0735		P0N		IRN		OTHR	QG52xi	WIA	VK4TJ
28985.0	6	2014	12	1	0720		A3E				ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2014	12	18	0325		F3E				ASIAN	QG52xi	WIA	VK4TJ
28990.0	6	2014	12	2	0710		A3E				ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2014	12	1	0150		F3E				ASIAN	QG52xi	WIA	VK4TJ
29000		2014	12	25	<0533>	0533	F3E	330	CHN	Unid	Non Amateurs S3 FM Signal Chinese speaking - shouting	RF73MF	NZART	ZL1GWE
29005.0	6	2014	12	1	0150		A3E				ASIAN	QG52xi	WIA	VK4TJ
29010	20	2014	12	27	<0632>	0632	P0N	330	CYP	Unid	OTHR S7 continuous 50 pps Cyprus	Rf73MF	NZART	ZL1GWE
29012.5	8	2014	12	1	0150		F3E				ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2014	12	1	0720		A3E				ASIAN	QG52xi	WIA	VK4TJ
29020.0	6	2014	12	1	0720		A3E				ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	12	1	0150		F3E				ASIAN	QG52xi	WIA	VK4TJ
29030.0	6	2014	12	1	0715		A3E				ASIAN	QG52xi	WIA	VK4TJ
29035.0	6	2014	12	1	0715		A3E				ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2014	12	1	0150		F3E				ASIAN	QG52xi	WIA	VK4TJ
29045.0	6	2014	12	1	0715		A3E				ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	12	2	0710		F3E				ASIAN	QG52xi	WIA	VK4TJ
29062.5	8	2014	12	1	0150		F3E				ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2014	12	1	0705		A3E				ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2014	12	1	0705		F3E				ASIAN	QG52xi	WIA	VK4TJ

29085.0	6	2014	12	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ
29087.5	6	2014	12	21	0305	A3E				ASIAN	QG52xi	WIA	VK4TJ
29095.0	6	2014	12	1	0655	A3E				ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2014	12	1	0655	F3E				ASIAN	QG52xi	WIA	VK4TJ
29105.0	6	2014	12	1	0655	A3E				ASIAN	QG52xi	WIA	VK4TJ
29112.5	6	2014	12	25	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
29115.0	6	2014	12	1	0650	A3E				ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2014	12	2	0720	F3E				ASIAN	QG52xi	WIA	VK4TJ
29135.0	8	2014	12	2	0725	F3E				ASIAN	QG52xi	WIA	VK4TJ
29137.5	6	2014	12	21	0315	A3E				ASIAN	QG52xi	WIA	VK4TJ
29150.0	8	2014	12	2	0730	F3E				ASIAN	QG52xi	WIA	VK4TJ
29155.0	6	2014	12	1	0625	A3E				ASIAN	QG52xi	WIA	VK4TJ
29162.5	8	2014	12	2	0740	F3E				ASIAN	QG52xi	WIA	VK4TJ
29165.0	6	2014	12	2	0740	A3E				ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	12	1	0150	F3E				ASIAN	QG52xi	WIA	VK4TJ
29185.0	6	2014	12	2	0740	A3E				ASIAN	QG52xi	WIA	VK4TJ
29187.5	8	2014	12	1	0605	F3E				ASIAN	QG52xi	WIA	VK4TJ
29195.0	8	2014	12	1	0605	F3E				ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	12	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ
29200.0	20	2014	12	30	0720	P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
29205.0	6	2014	12	1	0600	A3E				ASIAN	QG52xi	WIA	VK4TJ
29212.5	8	2014	12	1	0555	F3E				ASIAN	QG52xi	WIA	VK4TJ
29215.0	6	2014	12	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ
29225.0	8	2014	12	2	0745	F3E				ASIAN	QG52xi	WIA	VK4TJ
29225.0	5	2014	12	1	0550	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
29235.0	6	2014	12	7	0135	A3E				ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	12	1	0545	A3E				ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	12	1	0545	A3E				ASIAN	QG52xi	WIA	VK4TJ
29262.5	8	2014	12	2	0745	F3E				ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2014	12	2	0750	F3E				ASIAN	QG52xi	WIA	VK4TJ
29287.5	8	2014	12	2	0805	F3E				ASIAN	QG52xi	WIA	VK4TJ
29287.5		2014	12	26	<0644>	F3E	0644	330	CHN	Unid	Non Amateurs S3 FM Chinese	RF73MF	NZART ZL1GWE
29300.0	6	2014	12	2	0805	A3E				ASIAN	QG52xi	WIA	VK4TJ
29310.0	5	2014	12	21	0330	G7DF				ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2014	12	21	0330	A3E				ASIAN	QG52xi	WIA	VK4TJ
29325.0	8	2014	12	2	0815	F3E				ASIAN	QG52xi	WIA	VK4TJ
29325		2014	12	26	<0642>	F3E	0642	330	CHN	Unid	Non Amateurs S3 FM Chinese	RF73MF	NZART ZL1GWE
29337.5	8	2014	12	1	0150	F3E				ASIAN	QG52xi	WIA	VK4TJ
29340.0	100	2014	12	1	0545	P0N			IRN		OTHR	QG52xi	WIA VK4TJ
29350.0	6	2014	12	1	0545	A3E				ASIAN	QG52xi	WIA	VK4TJ
29355.0	6	2014	12	30	0720	A3E				ASIAN	QG52xi	WIA	VK4TJ
29362.5	8	2014	12	1	0150	F3E				ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	12	2	0830	F3E				ASIAN	QG52xi	WIA	VK4TJ
29387.5	8	2014	12	1	0150	F3E				ASIAN	QG52xi	WIA	VK4TJ

29400.0	6	2014	12	1	0520		A3E					ASIAN	QG52xi	WIA	VK4TJ
29400		2014	12	26	<0641.	0641	F3E		330	CHN	Unid	Non Amateurs S3 FM Chinese	RF73MF	NZART	ZL1GWE
29405.0	6	2014	12	1	0520		A3E					ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2014	12	2	0835		A3E					ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2014	12	1	0150		A3E					ASIAN	QG52xi	WIA	VK4TJ
29425.0	1	2014	12	4	0215		F1B	125				WAVERIDER BUOY	QG52xi	WIA	VK4TJ
29435.0	6	2014	12	1	0510		A3E					ASIAN	QG52xi	WIA	VK4TJ
29437.5	8	2014	12	1	0510		F3E					ASIAN	QG52xi	WIA	VK4TJ
29450.0	8	2014	12	2	0845		F3E					ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2014	12	1	0455		A3E					ASIAN	QG52xi	WIA	VK4TJ
29462.5	8	2014	12	2	0845		F3E					ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	12	2	0850		F3E					ASIAN	QG52xi	WIA	VK4TJ
29475		2014	12	26	<0639>	0639	F3E		330	CHN	Unid	Non Amateurs S4 FM Chinese net	RF73MF	NZART	ZL1GWE
29487.5	8	2014	12	2	0850		F3E					ASIAN	QG52xi	WIA	VK4TJ
29500.0	8	2014	12	2	0850		F3E					ASIAN	QG52xi	WIA	VK4TJ
29500.0	20	2014	12	25	0640		P0N					OTHR	QG52xi	WIA	VK4TJ
29500		2014	12	26	<0637>	0637	F3E		330	CHN	Unid	Non Amateurs S3 FM Signal Chinese speaking	RF73MF	NZART	ZL1GWE
29500	20	2014	12	27	<0600>	0600-0609	P0N		330	CYP	Unid	OTHR continuous S6 50 pps Cyprus	Rf73MF	NZART	ZL1GWE
29500	20	2014	12	27	<0600>	0600	P0N			CYP	Unid	OTHR Continuous 50 pps (Cyprus??)	RF72LQ	NZART	ZL1BAD
29512.5	8	2014	12	1	0405		F3E					ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2014	12	1	0400		A3E					ASIAN	QG52xi	WIA	VK4TJ
29525.0	8	2014	12	2	0855		F3E					ASIAN	QG52xi	WIA	VK4TJ
29530	20	2014	12	07	<0523>	0523	P0N		330	CYP	Unid	OTHR Continuous Cyprus 25 pps 20 kHz bandwidth S3	RF73MF	NZART	ZL1GWE
29537.5	6	2014	12	1	0150		A3E					ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2014	12	1	0150		A3E					ASIAN	QG52xi	WIA	VK4TJ
29550	20	2014	12	27	<0613>	0613	P0N			CYP	Unid	OTHR Continuous 50 pps (Cyprus??)	RF72LQ	NZART	ZL1BAD
29550	20	2014	12	27	<0619>	0619-0619	P0N		330	CYP	Unid	OTHR Continuous Cyprus 50 pps 20 kHz Bandwidth S5-S6	RF73MF	NZART	ZL1GWE
29562.5	6	2014	12	29	0600		A3E					ASIAN	QG52xi	WIA	VK4TJ
29565.0	6	2014	12	21	0340		A3E					ASIAN	QG52xi	WIA	VK4TJ
29575.0	8	2014	12	2	0920		F3E					ASIAN	QG52xi	WIA	VK4TJ
29575		2014	12	21	<0704>	0704	G7DF		330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
29587.5	6	2014	12	29	0550		A3E					ASIAN	QG52xi	WIA	VK4TJ
29590	20	2014	12	25	<0622>	0622-0642	P0N		330	CYP	Unid	OTHR S5 Continuous 50 PPS 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
29600.0	6	2014	12	1	0305		A3E					ASIAN	QG52xi	WIA	VK4TJ
29605.0	6	2014	12	1	0305		A3E					ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2014	12	2	0910		A3E					ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2014	12	4	0205		A3E					ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2014	12	1	0155		F3E					ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2014	12	1	0155		F3E					ASIAN	QG52xi	WIA	VK4TJ

29650.0	8	2014	12	2	0905		F3E				ASIAN	QG52xi	WIA	VK4TJ
29662.5	8	2014	12	1	0155		F3E				ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2014	12	1	0215		F3E				ASIAN	QG52xi	WIA	VK4TJ
29675		2014	12	25	<0531>	0531	F3E	330	CHN	Unid	Non Amateurs S3 FM signal	RF73MF	NZART	ZL1GWE
29675		2014	12	26	<0637>	0637	F3E	330	CHN	Unid	Non Amateurs S5 FM Signal must be a net	RF73MF	NZART	ZL1GWE
29685.0	6	2014	12	30	0725		A3E				ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	12	1	0155		F3E				ASIAN	QG52xi	WIA	VK4TJ
29700.0	8	2014	12	2	0905		F3E				ASIAN	QG52xi	WIA	VK4TJ
29700		2014	12	25	<0532>	0532	F3E	330	CHN	Unid	Non Amateurs S2 FM signal	RF73MF	NZART	ZL1GWE
29900		2014	12	26	<0648>	0648	F3E	330	CHN	Unid	Non Amateurs S3 FM Chinese	RF73MF	NZART	ZL1GWE
280716.0	0.3	2014	12	6	0048		A1A			Unid	Random Ltrs, 5 wpm, repeated every 5 mins	QF22ma	WIA	VK3MV
280716.0	0.3	2014	12	10	<0054-0100>		A1A			Unid	Random Ltrs, 5 wpm, repeated every 5 mins	QF22ma	WIA	VK3MV