



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



November 2014

Peter Young VK3MV

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

This month there were 741 observations of intruders made across the Region as compared to last month's number of 917.

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.

NZART report on new intruder using alternative tones on approximately 28850/28860 kHz further information or reports requested.

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
3512.0	5	2014	11	20	1850		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
3524.0	1	2014	11	17	1855		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
3554.0	1	2014	11	20	1845		F1B		120				CONTINUOUS	QG52xi	WIA	VK4TJ
3568.0	1	2014	11	20	1845		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
3585.0	3	2014	11	1	1805		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3588.0	3	2014	11	28	1830		J3E/U						ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
3623.0	3	2014	11	1	1805		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3636.1	3	2014	11	28	1830		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3650.0	150	2014	11	14	1730		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3710.0	150	2014	11	28	1830		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3770.1	3	2014	11	20	1840		J3E/U						ASIAN, SOUNDS BAHASA	QG52xi	WIA	VK4TJ
3777.0		2014	11	20	1840		A1A					RIS9	CALLING M8JF	QG52xi	WIA	VK4TJ
3778.0	3	2014	11	17	1900		F1B						ALE	QG52xi	WIA	VK4TJ
6930.0	150	2014	11	2	1915		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0		2014	11	11	1905		A1A				RUS	D	BEACON	QG52xi	WIA	VK4TJ
7000.0	3	2014	11	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000		2014	11	DY	HX	HX	J3E/L				?	Unid	Non Amateurs mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL2BAD
7000		2014	11	DY	HX	HX	G7DE/F				?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
7002.0	3	2014	11	20	1850		J3E/U						SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
7005.0	3	2014	11	4	0945		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	11	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	11	1	0935		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	11	1	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	11	1	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	11	4	0925		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7018.0	2	2014	11	8	2010		F1B	100	1000		RUS	REA4		QG52xi	WIA	VK4TJ
7019.0	3	2014	11	2	1925		J3E/U						ITALIAN LANGUAGE	QG52xi	WIA	VK4TJ
7020.0	3	2014	11	1	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	11	4	0925		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	11	1	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	11	4	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	10	2014	11	17	1905		P0N						OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
7025	10	2014	11	18	<1845>	1845	P0N				?	Unid	RATE OTHR HFSWR 1 min. on every 15 mins 10 pps	RF72LQ	NZART	ZL2BAD
7027.0	1	2014	11	17	1910		F1B		250				CONTINUOUS	QG52xi	WIA	VK4TJ
7028	10	2014	11	17	<1847>	1847-1849	P0N				?	Unid	OTHR HFSWR 2mins. 7 pps	RF72LQ	NZART	ZL2BAD
7029.0	5	2014	11	12	1905		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ

7030.0	3	2014	11	4	0950	J3E/L		INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7030.0	10	2014	11	14	0835	P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
7038.6		2014	11	8	2005	A1A		RUS	D	RATE DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039	0.5	2014	11	27	0800	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	27	0804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	27	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	27	1202	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	28	0810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	28	0814	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	28	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	28	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	29	0802	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	30	0810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	30	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	30	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	11	30	1410	A1A	321	RUS	M--signal	Beacon	PM97	JARL	
7039		2014	11	DY	<1700>	1700-2035	A1A	RUS	D	CW Beacon	RF72LQ	NZART	ZL2BAD
7039		2014	11	DY	<1700>	1700-2035	A1A	RUS	M	CW Beacon	RF72LQ	NZART	ZL2BAD
7039		2014	11	DY	<1700>	1700-2035	A1A	RUS	F	CW Beacon	RF72LQ	NZART	ZL2BAD
7039		2014	11	DY	<1700>	1700-2035	A1A	RUS	K	CW Beacon	RF72LQ	NZART	ZL2BAD
7039.2		2014	11	1	0930	A1A		RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2014	11	1	0930	A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7040	0.5	2014	11	02	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	02	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	02	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	03	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	03	1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	04	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	04	1608	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	04	1814	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	05	1008	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	05	1216	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	05	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	05	1810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	06	1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	07	1006	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	08	1410	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	08	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	09	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	10	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7040	0.5	2014	11	05	11:32					train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	11	06	13:23					train of " F ", " M "	PM84UQ	JARL	

7040	0.5	2014	11	07	12:05						train of " F "	PM84UQ	JARL		
7040	0.5	2014	11	09	12:33						train of " M "	PM84UQ	JARL		
7040	0.5	2014	11	10	11:37						train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	11	13	11:43						train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	11	14	10:27						train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	11	19	11:53						train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	11	20	11:16						train of " M 2	PM84UQ	JARL		
7070.0	5	2014	11	10	0920		G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ	
7077	3.3	2014	11	05	<1835>	1835	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL2BAD	
7077	3.3	2014	11	06	<1840>	1840	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL2BAD	
7083		2014	11	20	<2000>	2000	J3E/L		?	Unid	Non Amateurs Asian speaking S8 to S9 + 20 dB Interference to Country Net	RE78KT	NZART	ZL2TUD	
7090.1	3	2014	11	8	2010		J3E/U				HEAVILY ACCENTED ENGLISH	QG52xi	WIA	VK4TJ	
7090.75		2014	11	10	<1850>	1850	A1A		RUS	V	QTH = Kazakhstan Beacon	RF72LQ	NZART	ZL2BAD	
7090.75		2014	11	17	<1745>	1745	A1A		RUS	V	QTH = Kazakhstan Beacon	RF72LQ	NZART	ZL2BAD	
7091.5		2014	11	8	2015		A1A		RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ	
7091.5		2014	11	10	<1850>	1850	A1A		RUS	V	QTH = Kazakhstan Beacon	RF72LQ	NZART	ZL2BAD	
7096.0		2014	11	17	1915		A1A				MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ	
7100.0	3	2014	11	17	1905		J3E/U				ASIAN, SOUNDS	QG52xi	WIA	VK4TJ	
7100.0	100	2014	11	28	2015		P0N				CHINESE OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ	
7104.6	3	2014	11	2	1920		J3E/U				ASIAN, SOUNDS	QG52xi	WIA	VK4TJ	
7106	168	2014	11	28	2030		PXX		non	non	non	CHINESE 7002KHz - 7190KHz wide pulse mode PXX OTHR ?	PM97	JARL	
7115		2014	11	09	<0739>	0739	J3E/L		?	Unid	Non Amateurs Asian speaking	RE54HF	NZART	ZL4IV	
7118.0	5	2014	11	9	0930		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ	
7120.0	8	2014	11	1	1805		A3E		SOM		RADIO HARGEISA	QG52xi	WIA	VK4TJ	
7120.0	40	2014	11	29	1900		VXX				CODAR	QG52xi	WIA	VK4TJ	
7120		2014	11	DY	<1840>	1840	A3E		?	Unid	B-C stn...	RF72LQ	NZART	ZL2BAD	
7127.0	5	2014	11	28	1835		G1D				BROAD PSK	QG52xi	WIA	VK4TJ	
7130		2014	11	17	<1745>	1745	A3E		?	Unid	B-C stn Arabic text	RF72LQ	NZART	ZL2BAD	
7130		2014	11	21	<1850>	1850	A3E		?	Unid	B-C stn Arabic text	RF72LQ	NZART	ZL2BAD	
7131.7	3	2014	11	21	1910		J3E/U				ASIAN	QG52xi	WIA	VK4TJ	
7135.0	1	2014	11	14	1740		F1B				SELCALL TONES	QG52xi	WIA	VK4TJ	
7135.0	3	2014	11	12	1910		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ	

7140.0	5	2014	11	14	1740		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7150.0	3	2014	11	14	0820		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7158.0	3	2014	11	26	1930		J3E/U			ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
7161	3.3	2014	11	05	<1835>	1835	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL2BAD
7161	3.3	2014	11	06	<1840>	1840	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL2BAD
7165.9	3	2014	11	29	1915		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7171.0	3	2014	11	14	0820		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7179.0	1	2014	11	26	1930		F1B			CONTINUOUS	QG52xi	WIA	VK4TJ
7179.6	3	2014	11	17	1905		J3E/U			ASIAN FISHBOATS	QG52xi	WIA	VK4TJ
7181.0	5	2014	11	21	1905		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7187.0	3	2014	11	8	2015		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7193.4	3	2014	11	2	1920		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
7197	0.5	2014	11	10	11:41					random number(...dt6a 5n53 4dd3 743a...)	PM84UQ	JARL	
7201.0	1	2014	11	26	1930		F1B			SELCALL TONES	QG52xi	WIA	VK4TJ
10101		2014	11	04	<0120- 0130>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10101		2014	11	04	<0935- 0945>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10130.0	5	2014	11	6	0300		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
10140.0	5	2014	11	29	1915		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
12500.0	5000	2014	11	11	1910		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
13995.0	8	2014	11	11	0930		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
13995.0	30	2014	11	18	0630		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000.0	3	2014	11	25	0525		J3E/U			MUSIC	QG52xi	WIA	VK4TJ
14000.0	3	2014	11	1	1925		J3E/U	PHL		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14000.0		2014	11	10	0740		N0N				QG52xi	WIA	VK4TJ
14000.0	30	2014	11	7	2020		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000		2014	11	DY	HX	HX	G7DE	?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL2BAD
14000.6		2014	11	21	<0220- 0223>		J3E/U	IND	UNID	TWO NON AMATEURS IN HINDI	MK82	ARSI	
14001.5	3	2014	11	17	0735		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14002.0	5	2014	11	16	0635		G7D			DOZENS OF SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
14002.6		2014	11	06	<0235- 0245>		J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14004.0	3	2014	11	1	2120		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14005.0	3	2014	11	3	1020		J3E/U			ASIAN	QG52xi	WIA	VK4TJ

14005		2014	11	07	<0140-0150>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14005		2014	11	09	<0130-0150>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14007.0	3	2014	11	9	0530		G7D				12 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14007.7		2014	11	04	<0935-0945>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008		2014	11	01	<0425-0435>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008		2014	11	07	<0200-0210>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008.1	3	2014	11	7	2010		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14010.0	5	2014	11	19	0730		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14010.0	3	2014	11	20	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14012.8	3	2014	11	7	2015		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14013.0	3	2014	11	24	1005		J3E/L				ASIAN, FISHBOATS	QG52xi	WIA	VK4TJ
14013.1	3	2014	11	19	1955		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14015.0	5	2014	11	9	0540		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14020.0	5	2014	11	8	0635		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14020		2014	11	06	<0215-0225>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14021.4	3	2014	11	12	0905		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14025.0	5	2014	11	19	0725		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14027.0	3	2014	11	9	0625		J3E/L				SPANISH OR ITALIAN	QG52xi	WIA	VK4TJ
14030.0	5	2014	11	7	0835		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14030.0	40	2014	11	24	1005		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14030	10	2014	11	26	<2000>	2000-2135	P0N		?	Unid	OTHR Continuous 40 pps On 1 min. every 10 mins	RF72LQ	NZART	ZL2BAD
14030	10	2014	11	17	<1850>	1850	P0N		?	Unid	OTHR Continuous Intermittent Again @ 1900	RF72LQ	NZART	ZL2BAD
14031.0	3	2014	11	15	0850		J3E/L				SPANISH OR ITALIAN, FISHBOATS	QG52xi	WIA	VK4TJ
14032.0	3	2014	11	27	2140		J3E/U				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
14035.0	5	2014	11	19	0720		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14035		2014	11	04	<0935-0945>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14036.3		2014	11	05	<0315-0320>		J3E/U		CHN	UNID	CHINESE FISHING TRAWLERS IN DIALECTS	MK82	ARSI	
14036.4	3	2014	11	4	0740		J3E/U		PHI		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ

14038.0	3	2014	11	14	0805	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14038.5	3	2014	11	28	0945	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14040.0	8	2014	11	4	0855	A3E		PHI	VOA	TRANSMIT IMD	QG52xi	WIA	VK4TJ
14045.0	5	2014	11	8	0740	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14045.0	3	2014	11	15	0625	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14046.2	3	2014	11	4	0910	J3E/U				DAILY, ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
										CHINESE			
14046.8	2	2014	11	20	0910	J3E/U				ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
										CHINESE			
14046.9	2	2014	11	1	2120	J3E/U				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
14047.7	3	2014	11	10	0830	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	11	2	0815	J3E/L				DAILY, ASIAN, FAMILY	QG52xi	WIA	VK4TJ
										NET			
14048.0	3	2014	11	7	0635	J3E/U		PHI		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
										SPEAKERS			
14050.0	5	2014	11	19	0715	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	5	2014	11	1	2115	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	3	2014	11	3	0945	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14050.0	20	2014	11	12	0745	P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
										RATE			
14052.0	3	2014	11	18	2135	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14054.0	3	2014	11	7	2020	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14055.0	5	2014	11	9	0840	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14055.0	20	2014	11	18	0620	P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
										RATE			
14055.5	3	2014	11	11	0945	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14058.0	3	2014	11	5	0645	J3E/U				ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
										CHINESE			
14059.0	1	2014	11	7	0730	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14060.0	3	2014	11	4	1200	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14060.0	5	2014	11	7	0730	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14060.0	3	2014	11	24	2020	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14060.0	3	2014	11	9	0825	J3E/U				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
14060.0	20	2014	11	5	0640	P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
										RATE			
14061.0	3	2014	11	22	1005	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14063.4	3	2014	11	2	1020	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14065.0	1	2014	11	19	0830	F1B	200			BURSTS	QG52xi	WIA	VK4TJ
14065.0	5	2014	11	7	0915	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14067.7	2	2014	11	1	2125	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14070.0	5	2014	11	19	0745	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14080.0	5	2014	11	9	0655	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14080.0	40	2014	11	30	1955	P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
										RATE			
14082.1	3	2014	11	19	0835	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14086.1	3	2014	11	11	0955	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14090.0	5	2014	11	19	0810	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14095.0	5	2014	11	19	0810	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ

14100.0	5	2014	11	7	0640		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14100.0	20	2014	11	7	0640		P0N				OTHR	QG52xi	WIA	VK4TJ
14103.0	3	2014	11	19	0835		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14103.2	3	2014	11	2	1020		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14105.2	3	2014	11	11	1005		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14110.0	5	2014	11	8	0810		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14110.0	3	2014	11	7	2020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14115.0	5	2014	11	8	0815		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14122.0		2014	11	28	0945		A1A		E		REPEATED OVER & OVER	QG52xi	WIA	VK4TJ
14124	8k	2014	11	12	<0535>	0535	P0N		?	Unid	OTHR HFSWR on for 20+ secs 7 pps	RF72LQ	NZART	ZL2BAD
14125.0	5	2014	11	8	0900		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14127.5	1	2014	11	6	0920		F1B	150			BURSTS	QG52xi	WIA	VK4TJ
14130.0	5	2014	11	9	0715		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14133.6	3	2014	11	11	1005		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14136.8	3	2014	11	17	0800		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14140.0	5	2014	11	9	0730		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14140.0	20	2014	11	17	0805		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14141.5	3	2014	11	14	0850		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14148.0	3	2014	11	18	0905		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14150.0	5	2014	11	18	0905		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14151.6	3	2014	11	11	1010		J3E/U				FISHBOATS, ENGINE NOISE, SLAVIC LANGUAGE	QG52xi	WIA	VK4TJ
14155.0	5	2014	11	9	0755		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14159.4	3	2014	11	23	0830		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14166.0	3	2014	11	18	0910		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14170.0	5	2014	11	9	0805		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14192.0	1	2014	11	1	1930		F1B	200			DAILY, IDLING	QG52xi	WIA	VK4TJ
14200	15	2014	11	DY	<2250>	2250	XXX		?	Unid	Multi-chnl Starts each day at approx. 2030UTC	RF72LQ	NZART	ZL2BAD
14202.1	3	2014	11	18	0755		J3E/U				SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
14203.0	3	2014	11	27	2145		J3E/L				SOUNDS ITALIAN	QG52xi	WIA	VK4TJ
14206	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL2BAD
14210.0	5	2014	11	19	0840		G1D				BROAD PSK & CARRIER TONE	QG52xi	WIA	VK4TJ
14225.5	3	2014	11	14	0855		J3E/U				SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
14241.4	3	2014	11	28	0950		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14243.9	3	2014	11	17	0810		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14245.0	5	2014	11	28	0950		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14252.7	3	2014	11	18	0800		J3E/U				ELECTRONIC MUSIC	QG52xi	WIA	VK4TJ
14255.0	5	2014	11	21	0420		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14268.0	1	2014	11	22	0710		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
14270.0	5	2014	11	21	0435		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ

14272.0	3	2014	11	22	0710		J3E/L			PORTUGUESE, FISHBOATS	QG52xi	WIA	VK4TJ
14280.0	20	2014	11	23	0845		P0N			OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14285.0	5	2014	11	21	0445		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14290.0	5	2014	11	21	0510		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14294	5	2014	11	20	<1310-1315>		A3E	UNID	UNID	Musical programme in unknown language	NL06lu	ARSI	
14295.0	8	2014	11	2	1025		A3E	TDJ		RADIO TADJIKISTAN SPUR	QG52xi	WIA	VK4TJ
14295.0	5	2014	11	21	0505		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14299	5	2014	11	20	<1315-1325>		A3E	UNID	UNID	compering of a Musical programme in unknown language	NL06lu	ARSI	
14300.0		2014	11	4	0745		A1A			DAILY, MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14300.0	5	2014	11	17	0810		G7D			100'S OF SUBCARRIERS ON SMALL INTERVALS	QG52xi	WIA	VK4TJ
14300.0	5	2014	11	14	2025		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14303.0	3	2014	11	4	0745		J3E/U			TAGALOG OR BAHASA, FISHBOATS	QG52xi	WIA	VK4TJ
14305.0	5	2014	11	14	2100		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14310.0	5	2014	11	14	1745		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14339.0	3	2014	11	14	0900		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14340		2014	11	DY	<1900>	1900	XXX	?	Unid	Unknown system	RF72LQ	NZART	ZL2BAD
14340	15	2014	11		<0300>	0300>	P0N	?	Unid	Continuous 60 pps (10 in band, 5k out)	RF72LQ	NZART	ZL2BAD
14344.0		2014	11	1	1930		A1A			MIXED NUMBER/LETTER CIPHER, NON-ENGLISH CHAR	QG52xi	WIA	VK4TJ
14344.0	3	2014	11	1	1930		G1D			WITH BEEP TONE	QG52xi	WIA	VK4TJ
14347.0	1	2014	11	14	0900		F1B			SELCALL TONES	QG52xi	WIA	VK4TJ
14349.1	3	2014	11	4	0750		J3E/U			FOLLOWED BY G7D	QG52xi	WIA	VK4TJ
14350	60	2014	11	30	<2002>	2002	P0N	?	Unid	OTHR Continuous 10 pps Closed @ 2002. 30 in band, 30 k out	RF72LQ	NZART	ZL2BAD
14358.0	30	2014	11	6	0630		F3E			BROADBAND FM IN CHINESE LANGUAGE	QG52xi	WIA	VK4TJ
18068		2014	11	DY	HX	HX	G7DE/F	?	Unid	1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
18070.0	40	2014	11	28	0630		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18074.2	3	2014	11	28	2215		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
18080.0	5	2014	11	28	2200		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
18080.0	20	2014	11	28	2155		P0N			OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
18080.1	3	2014	11	9	0740		J3E/U			ASIAN FISHBOATS	QG52xi	WIA	VK4TJ
18088.0	3	2014	11	28	2240		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
18090.0	40	2014	11	30	0910		P0N			OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ

18136.0	3	2014	11	19	0905		J3E/U		PHL		ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
18137		2014	11	07	<0554>	0554	J3E/L		CUB	Unid	Non Amateurs South America speaking in Spanish - Cuban	RE54HF	NZART	ZL4IV
18166.7	3	2014	11	11	1015		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21000.0	5	2014	11	23	0900		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21000.0		2014	11	24	0520		N0N					QG52xi	WIA	VK4TJ
21000		2014	11	DY	HX	HX	G7DE/F		?	Unid	1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
21000		2014	11	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack Across entire HF Bands	RF72LQ	NZART	ZL2BAD
21005.0	5	2014	11	13	0800		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21010	20	2014	11	19	<0620\	<0620\	P0N		?	Unid	Continuous	RF72LQ	NZART	ZL2BAD
21025.0	5	2014	11	13	0750		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21027.5	3	2014	11	5	1020		J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
21028.0	3	2014	11	22	0630		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21030.0	5	2014	11	24	0355		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21030.0	20	2014	11	23	0340		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21035.0	5	2014	11	9	0140		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21040.0	5	2014	11	9	0130		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21045.0	20	2014	11	22	0725		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21050.0	5	2014	11	17	0135		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21050	20	2014	11	22	<0635>	0635-0650	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21050	20	2014	11	22	<0710>	0710	P0N	330	CYP	Unid	OTHR S5 Continuous 50 pps Cyprus	RF73MF	NZART	ZL1GWE
21060.0	5	2014	11	8	2245		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
21066	.5	2014	11	05	<1255- 1300>		A3E		UNID	UNID	Annoucement in unknown language but song in Hindi language	NL06lu	ARSI	
21070.0	20	2014	11	27	0235		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21080.0	20	2014	11	28	0640		P0N				SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21085	30	2014	11	25	<0705>	0705-1045	P0N		?	Unid	OTHR 30 wide, 5 pps. Regular. 1 min on every 7 mins.	RF72LQ	NZART	ZL2BAD
21100	20	2014	11	22	<0425>	0425-0436	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21130	20	2014	11	30	<0618>	0618-0619	P0N	330	CYP	Unid	OTHR S6 Continuous Cyprus 50 PPs 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
21134.0	5	2014	11	28	0935		G7D				16 SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
21137	10	2014	11	22	<0325>	0325	P0N		?	Unid	OTHR 3.8every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21140	10	2014	11	26	<0230>	0230	P0N		?	Unid	OTHR 7.5 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21142	10	2014	11	20	<0305>	0305-0320	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21145	2	2014	11	07	<1310- 1315>		A3E		UNID	UNID	Song in unknown language	NL06lu	ARSI	
21146		2014	11	30	<0653>	0653	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE

21160	20	2014	11	29	<0807>	0807-0809	P0N	330	CYP	Unid	OTHR S6 Continuous Cyprus 50 PPs 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
21185	30	2014	11	27	<0848>	0848	P0N		?	Unid	OTHR HFSWR on for 1 min. at a time. 5 pps. Regular	RF72LQ	NZART	ZL2BAD
21200	20	2014	11	25	<0350>	0350	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21210	20	2014	11	22	<0340>	0340-0351	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21212	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21215	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21220	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21222	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21225	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21227	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21232	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21237	10	2014	11	08	<0630>	0630	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21240.0	40	2014	11	5	0845		P0N				SHORT BLAST	QG52xi	WIA	VK4TJ
21242.0		2014	11	5	0850		A1A			E	REPEATED OVER & OVER	QG52xi	WIA	VK4TJ
21243	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21250	10	2014	11	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21257	10	2014	11	16	<2321>	2321	P0N		?	Unid	OTHR On for a short time. Sounds like 50 pps	RF72LQ	NZART	ZL2BAD
21260.0	40	2014	11	19	0855		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
21268	10	2014	11	16	<2225>	2225	P0N		?	Unid	OTHR 3 only	RF72LQ	NZART	ZL2BAD
21268	10	2014	11	19	<0144>	0144	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21270	10	2014	11	22	<0320>	0320	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21272	10	2014	11	22	<0325>	0325	P0N		?	Unid	OTHR 3.8 every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21275	10	2014	11	19	<0135>	0135-0200	P0N		?	Unid	OTHR 1.6 (average) at variable times (2 secs+) 50 pps	RF72LQ	NZART	ZL2BAD
21284	10	2014	11	09	<0643>	0643	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21285	30	2014	11	26	<0750>	0750	P0N		?	Unid	OTHR HFSWR 1 min on 10 pps	RF72LQ	NZART	ZL2BAD
21287	10	2014	11	30	<0714>	0714	P0N	330	AUS	Unid	OTHR Australian S6 varying rates 33 pps and 36 pps 2 second bursts with Pip	RF73MF	NZART	ZL1GWE
21288	10	2014	11	21	<0315>	0315-0335	P0N		?	Unid	OTHR 1.3 every 35 secs	RF72LQ	NZART	ZL2BAD

21290.0	10	2014	11	30	0720		P0N				50 pps BURSTS	QG52xi	WIA	VK4TJ
21290	10	2014	11	16	<2220>	2220-2359	P0N	?	Unid		OTHR @ variable times 50 pps	RF72LQ	NZART	ZL2BAD
21290	10	2014	11	17	<0001>	0001-0200	P0N	?	Unid		OTHR 1.4 every variable times - around 20-50 secs.	RF72LQ	NZART	ZL2BAD
21290	10	2014	11	22	<0340>	0340	P0N	?	Unid		50 pps OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	11	09	<2200>	2200-2220	P0N	?	Unid		OTHR 2 secs every 30 secs 40 pps (variable timing @ odd times)	RF72LQ	NZART	ZL2BAD
21295	10	2014	11	26	<0230>	0230	P0N	?	Unid		OTHR 3 x2 secs every 20 secs. 40 pps	RF72LQ	NZART	ZL2BAD
21296	10	2014	11	10	<0640>	0640	P0N	?	Unid		OTHR 3 burst only, 30 secs separation	RF72LQ	NZART	ZL2BAD
21296	10	2014	11	10	<0642>	0642	P0N	?	Unid		OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21319.0	5	2014	11	5	0845		G1D				BURSTS	QG52xi	WIA	VK4TJ
21330.0	20	2014	11	22	0735		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
21330	20	2014	11	22	<0732>	0732	P0N	330	CYP	Unid	OTHR S6 Continuous Cyprus 50 PPs 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
21335	20	2014	11	22	<0420>	0420	P0N	?	Unid		OTHR 3.8 every 20 secs	RF72LQ	NZART	ZL2BAD
21344	10	2014	11	20	<0305>	0305-0320	P0N	?	Unid		70 pps OTHR 3.8 every 30 secs	RF72LQ	NZART	ZL2BAD
21350.0	3	2014	11	11	1020		J3E/L				70 pps SPANISH OR ITALIAN	QG52xi	WIA	VK4TJ
21350		2014	11	DY	0355>	0355-0500	XXX		Free Asia	CHN	Broadcast station Splatter from 21505. Chinese Language. QTH Tinian Is. Radio Free Asia	RF72LQ	NZART	ZL2BAD
21365	10	2014	11	18	<0635>	0635	P0N	?	Unid		OTHR 1.8 every 15 secs	RF72LQ	NZART	ZL2BAD
21369.0	15	2014	11	11	1020		G1D				70 pps BROAD PSK	QG52xi	WIA	VK4TJ
21370	20	2014	11	22	<0410>	0410	P0N	?	Unid		OTHR every 20 sec (Fin.@ 0410)	RF72LQ	NZART	ZL2BAD
21388	20	2014	11	22	<0428>	0428	P0N	?	Unid		OTHR 3.8 every 20 secs	RF72LQ	NZART	ZL2BAD
21400	20	2014	11	08	<0355>	0355-0408	P0N	?	Unid		70 pps OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21415.0	5	2014	11	19	0900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21415	10	2014	11	26	<0220>	0220	P0N	?	Unid		OTHR 7.5 every 45 secs	RF72LQ	NZART	ZL2BAD
21430	20	2014	11	22	<0415>	0415	P0N	?	Unid		70 pps OTHR 3.8 every 15 secs	RF72LQ	NZART	ZL2BAD
21438.0		2014	11	18	1220		A1A		UKR			QG52xi	WIA	VK4TJ
21439.0	15	2014	11	11	1220		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
21440.0	5	2014	11	18	1220		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
24890	20	2014	11	28	<0500>	0500	P0N	?	Unid		OTHR Continuous 60 pps (Just in the band) Fin. @ 0505	RF72LQ	NZART	ZL2BAD
24900.0	20	2014	11	5	0855		P0N				BURSTS	QG52xi	WIA	VK4TJ

24900		2014	11	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack Across entire HF bands	RF72LQ	NZART	ZL2BAD
24900	20	2014	11	13	<0440>	0440-0445	P0N	?	Unid	OTHR Continuous 50 pps (closed @ 0445)	RF72LQ	NZART	ZL2BAD
24905.0	6	2014	11	1	0300		A3E			ASIAN	QG52xi	WIA	VK4TJ
24910	10	2014	11	21	<0320>	0320	P0N	?	Unid	OTHR 5 secs every 30THR 5 secs OTHR 5 0 pps	RF72LQ	NZART	ZL2BAD
24912.5	6	2014	11	23	0155		A3E			ASIAN	QG52xi	WIA	VK4TJ
24925.0	6	2014	11	4	0800		A3E			ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2014	11	8	0535		A3E			ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2014	11	15	0220		A3E			ASIAN	QG52xi	WIA	VK4TJ
24945.0	6	2014	11	11	1025		A3E			ASIAN	QG52xi	WIA	VK4TJ
24950.0	6	2014	11	22	0055		A3E			ASIAN	QG52xi	WIA	VK4TJ
24960.0	6	2014	11	1	0255		A3E			ASIAN	QG52xi	WIA	VK4TJ
24962.5	8	2014	11	33	0745		F3E			ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2014	11	11	1025		A3E			ASIAN	QG52xi	WIA	VK4TJ
24970.0	6	2014	11	15	0605		A3E			ASIAN	QG52xi	WIA	VK4TJ
24975.0	8	2014	11	1	0255		F3E			ASIAN	QG52xi	WIA	VK4TJ
24985.0	6	2014	11	22	0830		A3E			ASIAN	QG52xi	WIA	VK4TJ
24987.5	8	2014	11	22	0055		F3E			ASIAN	QG52xi	WIA	VK4TJ
24990.1	3	2014	11	22	0820		J3E/L			SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
28000.0	6	2014	11	1	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	5	2014	11	19	0220		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28000		2014	11	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
28000.2		2014	11	20	0650		A1A		4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2014	11	21	0155		A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28005.0	6	2014	11	1	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28008.3		2014	11	1	0450		A1A		4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28010.0	20	2014	11	24	0815		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
28012.5	6	2014	11	16	0430		A3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	11	1	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	11	8	2115		A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28020.0	5	2014	11	6	0155		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28025.0	8	2014	11	1	0035		F3E			ASIAN	QG52xi	WIA	VK4TJ
28030.0	5	2014	11	24	0845		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28030.0	100	2014	11	26	1140		P0N	IRN		IRANIAN RADAR	QG52xi	WIA	VK4TJ
28035.0	6	2014	11	8	2155		A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28035.0	6	2014	11	1	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28035.0	5	2014	11	22	0035		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28037.5	8	2014	11	1	0035		F3E			ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2014	11	5	2155		A3E			ASIAN	QG52xi	WIA	VK4TJ
28040.1		2014	11	1	0455		A1A		4NAY	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28045.0	6	2014	11	1	0255		A3E			ASIAN	QG52xi	WIA	VK4TJ
28048.6	6	2014	11	28	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ
28050.0	8	2014	11	1	0035		F3E			ASIAN	QG52xi	WIA	VK4TJ

28052.7		2014	11	1	0500	A1A				3OBT	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28055.0	6	2014	11	1	0035	A3E					ASIAN	QG52xi	WIA	VK4TJ
28055.0	5	2014	11	8	2320	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
28060.0		2014	11	16	0050	F1B					SHORT BURSTS	QG52xi	WIA	VK4TJ
28062.5	6	2014	11	1	0255	A3E					ASIAN	QG52xi	WIA	VK4TJ
28064.0	6	2014	11	8	2115	A3E					SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	11	1	0035	A3E					ASIAN	QG52xi	WIA	VK4TJ
28065.0	5	2014	11	19	2220	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
28071.8	6	2014	11	28	0615	A3E					ASIAN	QG52xi	WIA	VK4TJ
28075.0	6	2014	11	8	2310	A3E					SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28075.0	8	2014	11	1	0255	F3E					ASIAN	QG52xi	WIA	VK4TJ
28080.5		2014	11	1	0500	A1A				4MEG	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28085.0	6	2014	11	1	0035	A3E					ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2014	11	1	0255	A3E					ASIAN	QG52xi	WIA	VK4TJ
28090.0	6	2014	11	1	0035	A3E					ASIAN	QG52xi	WIA	VK4TJ
28100.0	8	2014	11	1	0030	F3E					ASIAN	QG52xi	WIA	VK4TJ
28100.0	5	2014	11	1	2140	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
28105.0	6	2014	11	1	0030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28110.0	5	2014	11	15	0035	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
28112.5	8	2014	11	28	0325	F3E					MUSIC BROADCAST	QG52xi	WIA	VK4TJ
28112.5	8	2014	11	5	0945	F3E					ASIAN	QG52xi	WIA	VK4TJ
28112.6		2014	11	1	0035	A1A				3NTX	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28115.0	6	2014	11	1	0030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	11	1	0030	F3E					ASIAN	QG52xi	WIA	VK4TJ
28130	20	2014	11	16	<0511>	P0N	0511-0514	330	IRN	Unid	OTHR 20pps S4 Continuous not 25 or 50 pps Cyprus? 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
28135.0	6	2014	11	1	0030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28137.5	8	2014	11	1	0030	F3E					ASIAN	QG52xi	WIA	VK4TJ
28140.0	6	2014	11	20	0640	A3E					ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	11	1	0030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28145.0	5	2014	11	28	0815	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
28150.0	1	2014	11	29	0520	F1B		300			WAVERIDER BUOY	QG52xi	WIA	VK4TJ
28150.0	8	2014	11	1	0030	F3E					ASIAN	QG52xi	WIA	VK4TJ
28150		2014	11	16	<0526>	F3B	0526	330	CHN	Unid	Non Amateurs FM SS3 Males talking	RF73MF	NZART	ZL1GWE
28150		2014	11	16	<0544>	F3B	0544	330	CHN	Unid	Non Amateurs Chines S4 males talking	RF73MF	NZART	ZL1GWE
28155.0	6	2014	11	1	0030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	11	1	1030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	11	1	0030	A3E					ASIAN	QG52xi	WIA	VK4TJ
28169.0	6	2014	11	3	0815	A3E					ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	11	1	0030	F3E					ASIAN	QG52xi	WIA	VK4TJ
28175.0	20	2014	11	24	0835	P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ

28175		2014	11	15	<0541>	0541	F3B	330	CHN	Unid	Non Amateurs Chinese S4 Males discussing full quietening	RF73MF	NZART	ZL1GWE
28182.0	6	2014	11	25	0100		A3E				ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	11	1	0030		F3E				ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2014	11	1	0230		A3E				ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	11	1	0030		F3E				ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28210.0	60	2014	11	28	0905		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28212.5	8	2014	11	1	0230		F3E				ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28220.0		2014	11	20	0745		A1A			B4CYT	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28225.0	8	2014	11	1	0030		F3E				ASIAN	QG52xi	WIA	VK4TJ
28230.0	30	2014	11	26	0805		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28233.0	3	2014	11	18	0925		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2014	11	21	0205		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28235.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2014	11	1	0230		A3E				ASIAN	QG52xi	WIA	VK4TJ
28240.0		2014	11	1	0620		A1A			5AJS	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28245.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2014	11	1	0230		F3E				ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	11	1	0230		F3E				ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28268.5	6	2014	11	25	0055		A3E				ASIAN	QG52xi	WIA	VK4TJ
28271.5	3	2014	11	27	2014		J3E/U				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28275.0	6	2014	11	21	0205		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28275.0	8	2014	11	1	0030		F3E				ASIAN	QG52xi	WIA	VK4TJ
28280.0	8	2014	11	1	1015		F3E				ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2014	11	20	0555		A3E				ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	11	1	0030		A3E				ASIAN	QG52xi	WIA	VK4TJ
28300.0	8	2014	11	1	0030		F3E				ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2014	11	1	0220		A3E				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28305.0	6	2014	11	1	0025		A3E				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28306		2014	11	30	<0530>	0530	F3B	330	CHN	Unid	Non Amateurs Chinese S4 Male	RF73MF	NZART	ZL1GWE
28312.5	6	2014	11	1	0220		A3E				ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2014	11	1	0025		F3E				ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2014	11	1	0205		A3E				ASIAN	QG52xi	WIA	VK4TJ
28340.0	6	2014	11	28	0830		A3E				ASIAN	QG52xi	WIA	VK4TJ
28350.0	8	2014	11	1	0025		F3E				ASIAN	QG52xi	WIA	VK4TJ

28355.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28362.5	6	2014	11	1	0200	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28365.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28375.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28385.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28387.5	6	2014	11	1	0155	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28395.0	6	2014	11	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28397		2014	11	30	<0439>	0439	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
28400.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28405.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28412.5	6	2014	11	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28415.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28425.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28435.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28437.5	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28445.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28450.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28450.0	5	2014	11	1	0640	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
28450		2014	11	16	<0532>	0532	F3B	330	CHN	Unid	Non Amateurs Chinese S4 Males talking	RF73MF	NZART	ZL1GWE
28455.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28462.5	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28465.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28475.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28485.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28487.5	6	2014	11	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28500.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28505.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28512.5	6	2014	11	1	0150	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28515.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28525.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28535.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28537.5	6	2014	11	1	0145	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28550.0	8	2014	11	1	0145	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28555.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28562.5	6	2014	11	1	0145	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28565.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28575.0	8	2014	11	1	0025	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28575		2014	11	15	<0559>	0559	F3B	330	CHN	Unid	Non Amateurs FM Males talking S2	RF73MF	NZART	ZL1GWE
28580.0	8	2014	11	25	0040	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28585.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28587.5	8	2014	11	1	0935	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28595.0	6	2014	11	1	0025	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28600.0	6	2014	11	1	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	

28600	60	2014	11	11	<0400>	0400	P0N		IRN	Unid	OTHR Iranian Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD
28600	60	2014	11	12	<0230>	0230-0345	P0N		IRN	Unid	OTHR Iranian intermittent tones, R/T system, weak voices, guard carriers	RF72LQ	NZART	ZL2BAD
28600	60	2014	11	15	<0235>	0235-0430	P0N		?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD
28600	110	2014	11	15	<0549>	0549-0555	P0N	330	IRN	Unid	OTHR Iranian S2 309 pps 5.9 s + 869 pps 2.1 s bursts clean signal	RF73MF	NZART	ZL1GWE
28605.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28612.5	6	2014	11	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28620.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28625.0	8	2014	11	1	0025		F3E				ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28637.5	6	2014	11	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28640.0	6	2014	11	3	0830		A3E				ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2014	11	1	0025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2014	11	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28662.5	6	2014	11	1	0910		A3E				ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	11	1	0020		F3E				ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2014	11	1	0125		A3E				ASIAN	QG52xi	WIA	VK4TJ
28690.0	6	2014	11	1	0910		A3E				ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2014	11	1	0905		A3E				ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2014	11	1	0125		A3E				ASIAN	QG52xi	WIA	VK4TJ
28705.0	8	2014	11	1	0020		F3E				ASIAN	QG52xi	WIA	VK4TJ
28712.5	8	2014	11	1	0120		F3E				ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28725.0	8	2014	11	1	0020		F3E				ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2014	11	1	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
28740.0	6	2014	11	25	0040		A3E				ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2014	11	1	0020		F3E				ASIAN	QG52xi	WIA	VK4TJ
28750		2014	11	30	<0538>	0538	F3B	330	CHN	Unid	Non Amateurs Chinese S2	RF73MF	NZART	ZL1GWE
28755.0	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2014	11	1	0855		A3E				ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2014	11	1	0855		A3E				ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2014	11	1	0120		F3E				ASIAN	QG52xi	WIA	VK4TJ
28780.0	5	2014	11	20	0640		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28785.0	6	2014	11	1	0855		A3E				ASIAN	QG52xi	WIA	VK4TJ
28787.5	6	2014	11	1	0020		A3E				ASIAN	QG52xi	WIA	VK4TJ

28795.0	6	2014	11	3	0835		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28800.0	8	2014	11	1	0120		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28805.0	6	2014	11	1	0845		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28810	20	2014	11	16	<0730>	0730	P0N	?	Unid	OTHR Continuous 60 pps	RF72LQ	NZART	ZL2BAD	
28812.5	8	2014	11	1	0120		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28825.0	8	2014	11	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28830.0	6	2014	11	1	0120		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28830.0	100	2014	11	3	0840		P0N	IRN		OTHR	QG52xi	WIA	VK4TJ	
28837.5	8	2014	11	2	0230		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28840.0	6	2014	11	1	0110		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28850.0	8	2014	11	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28850.0	100	2014	11	4	0840		P0N	IRN		OTHR	QG52xi	WIA	VK4TJ	
28850	60	2014	11	01	<0345>	0345-0525	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28850	60	2014	11	02	<0305>	0305	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28850	60	2014	11	03	<0300>	0300	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28850	60	2014	11	05	<0400>	0400-0555	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28850	60	2014	11	08	<0310>	0310	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28850	60	2014	11	09	<0240>	0240-0640	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28860.0	100	2014	11	15	0610		P0N	IRN		OTHR	QG52xi	WIA	VK4TJ	
28860	60	2014	11	18	<0405>	0405-0630	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28860	60	2014	11	19	<0355>	0355	XXX	?	Unid	Alternating 2 tones. (Regular on 10 mx)	RF72LQ	NZART	ZL2BAD	
28860	60	2014	11	21	<0320>	0320	XXX	?	Unid	2 Tones - 2nd 1 half as long in time at twice band width	RF72LQ	NZART	ZL2BAD	
28860	60	2014	11	22	<0235>	0235	XXX	?	Unid	2 Tones - 2nd 1 half as long in time at twice band width	RF72LQ	NZART	ZL2BAD	
28860	60	2014	11	23	<0640>	0640	XXX	?	Unid	2 Tones - 2nd 1 half as long in time at twice band width	RF72LQ	NZART	ZL2BAD	
28860	60	2014	11	23	<0635>	0635	XXX	?	Unid	2 Tones - 2nd 1 half as long in time at twice band width	RF72LQ	NZART	ZL2BAD	
28860	60	2014	11	24	<0230>	0230	XXX	?	Unid	2 Tones - 2nd 1 half as long in time at twice band width	RF72LQ	NZART	ZL2BAD	
28862.5	8	2014	11	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28865.0	6	2014	11	1	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28875.0	8	2014	11	1	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28875		2014	11	30	<0534>	0534	F3B	330	CHN	Unid	Non Amateurs Chinese S4	RF73MF	NZART	ZL1GWE

28880.0	6	2014	11	1	0840	A3E				ASIAN	QG52xi	WIA	VK4TJ
28880.0	100	2014	11	1	0840	P0N		IRN		OTHR	QG52xi	WIA	VK4TJ
28885.0	6	2014	11	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28887.5	8	2014	11	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ
28895.0	6	2014	11	3	0840	A3E				ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2014	11	1	0020	F3E				ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2014	11	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ
28912.5	8	2014	11	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	11	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ
28925		2014	11	30	<0536>	F3B	0536	330	CHN Unid	Non Amateurs Chinese S3	RF73MF	NZART	ZL1GWE
28930.0	6	2014	11	1	0840	A3E				ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2014	11	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2014	11	1	0020	A3E				ASIAN	QG52xi	WIA	VK4TJ
28945.0	6	2014	11	28	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2014	11	1	0020	F3E				ASIAN	QG52xi	WIA	VK4TJ
28955.0	6	2014	11	1	0840	A3E				ASIAN	QG52xi	WIA	VK4TJ
28962.5	8	2014	11	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ
28965.0	8	2014	11	28	0845	F3E				ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2014	11	28	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2014	11	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29000	20	2014	11	26	<0555>	P0N	0555		? Unid	OTHR Continuous 60 pps	RF72LQ	NZART	ZL2BAD
29000		2014	11	30	<0535>	F3B	0535	330	CHN Unid	Non Amateurs Chinese S3	RF73MF	NZART	ZL1GWE
29005.0	6	2014	11	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2014	11	1	0015	A3E				ASIAN	QG52xi	WIA	VK4TJ
29020.0	6	2014	11	25	0040	A3E				ASIAN	QG52xi	WIA	VK4TJ
29020.0	5	2014	11	3	0845	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ
29025.0	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29030.0	6	2014	11	1	0835	A3E				ASIAN	QG52xi	WIA	VK4TJ
29035.0	6	2014	11	5	0920	A3E				ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29045.0	6	2014	11	29	0755	A3E				ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29050		2014	11	16	<0526>	F3B	0526	330-	CHN Unid	Non Amateurs FM S3 males talking	RF73MF	NZART	ZL1GWE
29062.5	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2014	11	28	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ
29067	8	2014	11	02	<0521>	VXX	0521- 0538z	300	? Unid	CODAR 2.5 pps S1 QSB faint on SDR	RF73MF	NZART	ZL1GWE
29075.0	8	2014	11	1	0015	F3E				ASIAN	QG52xi	WIA	VK4TJ
29085.0	6	2014	11	28	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ

29087.5	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29095.0	6	2014	11	1	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29100.0	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29100	20	2014	11	03	<0445>	0445	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD	
29105.0	6	2014	11	28	0855		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29112.5	6	2014	11	19	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29115.0	6	2014	11	1	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29120.0	8	2014	11	1	0820		F3E			RUSSIAN TAXIS	QG52xi	WIA	VK4TJ	
29125.0	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29137.5	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29145.0	6	2014	11	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29150.0	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29155.0	6	2014	11	5	0915		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29162.5	8	2014	11	1	0105		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29165.0	6	2014	11	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29165.0	5	2014	11	1	0815		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ	
29175.0	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29185.0	6	2014	11	28	0855		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29187.5	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29195.0	8	2014	11	5	0910		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29200.0	6	2014	11	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29205.0	6	2014	11	3	0850		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29212.5	8	2014	11	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29215.0	6	2014	11	5	0910		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29225.0	8	2014	11	1	0105		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29237.5	6	2014	11	1	0105		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29250.0	6	2014	11	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29262.5	8	2014	11	1	0105		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29265.0	6	2014	11	1	0805		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29275.0	8	2014	11	1	0105		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29287.5	8	2014	11	1	0105		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29300.0	6	2014	11	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29312.5	8	2014	11	1	0100		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29315.0	6	2014	11	1	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29325.0	8	2014	11	1	0010		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29335.0	8	2014	11	5	0905		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29337.5	8	2014	11	15	0020		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29340.0	100	2014	11	29	0735		P0N		IRN	OTHR	QG52xi	WIA	VK4TJ	
29350.0	6	2014	11	1	0010		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29350.0	100	2014	11	28	0900		P0N		IRN	OTHR	QG52xi	WIA	VK4TJ	
29350.5	81	2014	11	29	<0404>	0404-0649	P0N	330	IRN	Unid	OTHR Iranian 869 pps and 307 pps S3 continuous alternative bursts	RF73MF	NZART	ZL1GWE
29352.5	61	2014	11	29	<0449>	0449	P0N	330	IRN	Unid	OTHR Iranian 869 pps and 307 pps S2 continuous alternative bursts	RF73MF	NZART	ZL1GWE

29362.5	8	2014	11	1	0055	F3E					ASIAN	QG52xi	WIA	VK4TJ
29365.0	6	2014	11	1	0010	A3E					ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	11	1	0010	F3E					ASIAN	QG52xi	WIA	VK4TJ
29387.5	8	2014	11	1	0050	F3E					ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	11	1	0010	A3E					ASIAN	QG52xi	WIA	VK4TJ
29405.0	6	2014	11	1	0740	A3E					ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2014	11	1	0010	A3E					ASIAN	QG52xi	WIA	VK4TJ
29415.0	6	2014	11	1	0740	A3E					ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2014	11	1	0010	A3E					ASIAN	QG52xi	WIA	VK4TJ
29425.0	1	2014	11	1	0010	F1B	125				WAVERIDER BUOY	QG52xi	WIA	VK4TJ
29430.0	6	2014	11	26	0820	A3E					ASIAN	QG52xi	WIA	VK4TJ
29437.5	8	2014	11	1	0050	F3E					ASIAN	QG52xi	WIA	VK4TJ
29445.0	6	2014	11	1	0010	A3E					ASIAN	QG52xi	WIA	VK4TJ
29450.0	8	2014	11	1	0010	F3E					ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2014	11	1	0740	A3E					ASIAN	QG52xi	WIA	VK4TJ
29460.0	30	2014	11	16	0445	P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29462.5	8	2014	11	1	0050	F3E					ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	11	1	0010	F3E					ASIAN	QG52xi	WIA	VK4TJ
29487.5	8	2014	11	1	0045	F3E					ASIAN	QG52xi	WIA	VK4TJ
29490	20	2014	11	16	<0518>	P0N	0518-0520	330	CYP	Unid	OTHR S3 Continuous 50 pps 20 kHz bandwidth	RF73MF	NZART	ZL1GWE
29495.0	6	2014	11	1	0010	A3E					ASIAN	QG52xi	WIA	VK4TJ
29500.0	8	2014	11	1	0010	F3E					ASIAN	QG52xi	WIA	VK4TJ
29500.0	30	2014	11	24	0820	P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29512.5	8	2014	11	1	0045	F3E					ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2014	11	1	0045	A3E					ASIAN	QG52xi	WIA	VK4TJ
29525.0	8	2014	11	1	0045	F3E					ASIAN	QG52xi	WIA	VK4TJ
29535.0	6	2014	11	1	0045	A3E					ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2014	11	1	0005	A3E					ASIAN	QG52xi	WIA	VK4TJ
29545.0	3	2014	11	1	0045	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2014	11	1	0005	A3E					ASIAN	QG52xi	WIA	VK4TJ
29555.0	6	2014	11	25	0035	A3E					ASIAN	QG52xi	WIA	VK4TJ
29562.5	8	2014	11	1	0045	F3E					ASIAN	QG52xi	WIA	VK4TJ
29570.0	60	2014	11	28	0900	P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29575.0	8	2014	11	1	0005	F3E					ASIAN	QG52xi	WIA	VK4TJ
29580.0	20	2014	11	26	0825	P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29587.5	6	2014	11	1	0005	A3E					ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	11	1	0005	A3E					ASIAN	QG52xi	WIA	VK4TJ
29605.0	6	2014	11	1	0740	A3E					ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2014	11	1	0740	A3E					ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2014	11	1	0035	A3E					ASIAN	QG52xi	WIA	VK4TJ
29620	10	2014	11	11	<1950>	XXX	1950-2015		?	Unid	Intermittent tones, R/T system, weak voices, guard carriers	RF72LQ	NZART	ZL2BAD
29625.0	8	2014	11	1	0005	F3E					ASIAN	QG52xi	WIA	VK4TJ

29630.0	30	2014	11	20	0545		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29637.5	8	2014	11	1	0005		F3E			ASIAN	QG52xi	WIA	VK4TJ
29650.0	8	2014	11	1	0005		F3E			ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
										CHINESE			
29655.0	6	2014	11	1	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
29660	20	2014	11	15	<0405>	0405-0425	P0N	?	Unid	OTHR Continuous 30 pps	RF72LQ	NZART	ZL2BAD
29662.5	8	2014	11	1	0035		F3E			ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
										CHINESE			
29670	10	2014	11	13	<0015>	0015	XXX	?	Unid	Intermittent tones, R/T system, weak voices, guard carriers	RF72LQ	NZART	ZL2BAD
										ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2014	11	1	0005		F3E			Intermittent tones, R/T system, weak voices, guard carriers	RF72LQ	NZART	ZL2BAD
29675	10	2014	11	14	<0145>	0145	XXX	?	Unid	Intermittent tones, R/T system, weak voices, guard carriers	RF72LQ	NZART	ZL2BAD
										ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
29687.5	8	2014	11	1	0005		F3E			CHINESE			
29700.0	8	2014	11	1	0005		F3E			ASIAN	QG52xi	WIA	VK4TJ
29700	10	2014	11	18	<0140>	0140	XXX	?	Unid	Intermittent tones, R/T system, weak voices, guard carriers	RF72LQ	NZART	ZL2BAD