



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



July 2014

Peter Young VK3MV

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

This month there were 694 observations of intruders made across the Region as compared to last month number of 946. The lower numbers this month is a reflection of the poorer propagation conditions on the higher HF bands.

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

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

Thank you to all the regional observers for their reports, these reports are needed and really appreciated. Keep them coming. 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
3532.0	5	2014	7	7	2000		G1D						BURSTS	QG52xi	WIA	VK4TJ
3585.0	3	2014	7	1	1950		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3587.5	3	2014	7	8	1910		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3600.0	5	2014	7	20	1940		G7D						8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
3605.0	5	2014	7	1	2020		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
3610.0	50	2014	7	5	1925		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3623.0	3	2014	7	1	1945		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3636.0	3	2014	7	2	1935		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3642.0		2014	7	3	2015		A1A					3A7D	DAILY	QG52xi	WIA	VK4TJ
3655.0	3	2014	7	8	1910		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3680.0	200	2014	7	27	2010		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3691.0		2014	7	2	1020		A1A					JJT44	QRK	QG52xi	WIA	VK4TJ
3777.0		2014	7	1	2010		A1A					RIS9	CALLING M8JF	QG52xi	WIA	VK4TJ
3778.0	3	2014	7	1	2015		G1D						ALE	QG52xi	WIA	VK4TJ
6980.0	200	2014	7	1	1025		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	7	1	0825		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000		2014	07	27	<1250-1255>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7000		2014	08	DY	HX	HX	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2014	08	DY	HX	HX	G7DE/F				?	Unid	HF Man Pack 1 PSK & 8 PSK	RF72LQ	NZART	ZL1BAD
7005.0	3	2014	7	1	0840		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	7	1	1210		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005		2014	07	28	<1230-1300-		J3E/U				INS	UNID	NON-AMATEUR INDONESIAN OM – LONG TALKS	NL06lu	ARSI	- RTL2832 SDR and SDRSHARP Software
7010.0	3	2014	7	1	0830		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	7	1	1020		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010	120	2014	08	03	<1940>	1940	P0N				?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL1BAD
7010	120	2014	08	11	<1910>	1910	P0N				?	Unid	OTHR Spreading to 7010. 50 pps	RF72LQ	NZART	ZL1BAD
7010	120	2014	08	21	<1955>	1955	P0N				?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL1BAD
7015.0	3	2014	7	2	0955		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	7	1	1020		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015	30	2014	08	14	<1930>	1930	VXX				?	Unid	CODAR Continuous 5 pps	RF72LQ	NZART	ZL1BAD

7020.0	3	2014	7	1	0830		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	7	1	0830		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020	30	2014	08	31	<2000>	2000	P0N	?	Unid	OTHR Continuous 50/100 pps (double pulses)	RF72LQ	NZART	ZL1BAD
7023.1	3	2014	7	30	0925		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	7	1	0830		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	7	7	1020		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025	30	2014	08	03	<1920>	1920	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7027.5		2014	7	1	1945		A1A	RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7030.0	3	2014	7	1	0830		J3E/L	INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7030.0	3	2014	7	1	0835		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	40	2014	7	7	0925		VXX			CODAR	QG52xi	WIA	VK4TJ
7035.0	3	2014	7	2	1000		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7038.7		2014	7	2	1940		A1A	RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039		2014	08	DY	<0330>	0330-2200	A1A	RUS	D	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	08	DY	<0330>	0330-2200	A1A	RUS	M	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	08	DY	<0330>	0330-2200	A1A	RUS	F	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	08	DY	<0330>	0330-2200	A1A	RUS	K	Beacon	RF72LQ	NZART	ZL1BAD
7039	0.5	2014	07	13	1214		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	13	1216		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	23	1330		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	24	1202		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	24	1204		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	25	1230		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	26	1004		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	26	1006		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	26	1230		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	26	1234		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	27	1350		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	27	1352		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	27	1940		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	28	1012		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	28	1014		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	28	1204		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	28	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	28	1916		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	29	1008		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	29	1010		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	29	1206		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	29	1210		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	29	1912		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	29	1914		A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	07	30	1018		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	07	30	1020		A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	07	30	1920		A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	07	30	1822		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	07	31	1006		A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	07	31	1210		A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	07	31	1804		A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039.2		2014	7	2	0955		A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	7	1	0805		A1A		RUS	OT	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	7	7	0930		A1A		RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	07	DY	<0330>	0330-2200	A1A		RUS	K	Petropavlovsk - Beacon K RCC train of " M " train of " M " , " T " train of " M " 、 " T " train of " M " , " K " train of " K " , " M " train of " K " , " M " train of M", "K" train of " K " , " M " train of " K " , " M " train of " K " , " M " train of " K " , " M " train of " K " , " M " train of " K " , " M " train of " K " , " M "	RF73MF	NZART	ZL1GWE
7040	0.5	2014	07	02	12:54							PM84UQ	JARL	
7040	0.5	2014	07	04	12:58							PM84UQ	JARL	
7040	0.5	2014	07	05	14:05							PM84UQ	JARL	
7040	0.5	2014	07	06	13:06							PM84UQ	JARL	
7040	0.5	2014	07	08	11:54							PM84UQ	JARL	
7040	0.5	2014	07	09	12:04							PM84UQ	JARL	
7040	0.5	2014	07	11	12:50							PM84UQ	JARL	
7040	0.5	2014	07	13	14:37							PM84UQ	JARL	
7040	0.5	2014	07	14	11:56							PM84UQ	JARL	
7040	0.5	2014	07	16	12:56							PM84UQ	JARL	
7040	0.5	2014	07	18	13:56							PM84UQ	JARL	
7040	0.5	2014	07	19	13:40							PM84UQ	JARL	
7040	0.5	2014	07	20	13:31							PM84UQ	JARL	
7040	0.5	2014	07	28	13:21							PM84UQ	JARL	
7040	0.5	2014	07	30	14:43							PM84UQ	JARL	
7050.0		2014	7	27	0925		A1A				LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
7055.0	5	2014	7	1	0755		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7060	20	2014	08	31	<2000>	2000	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7068.0	5	2014	7	11	0955		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7070.0	3	2014	7	20	0820		J3E/U		PHL		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
7070	30	2014	08	02	<0745>	0745	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7076.0	5	2014	7	8	1920		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7087	34	2014	07	11	1714		P0N	non	non	non	7070KHz - 7104KHz wide pulse mode PXX OTHR ?	PM97	JARL	
7088.8		2014	7	2	1950		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7090.0	40	2014	7	25	2000		VXX				CODAR	QG52xi	WIA	VK4TJ
7100.0	40	2014	7	23	0815		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7100.0	3	2014	7	2	1000		J3E/L		INS		DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7100.0	3	2014	7	1	0830		J3E/U		INS		DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7103.0	1	2014	7	20	0820		F1B				SELCAL TONES	QG52xi	WIA	VK4TJ
7105	30	2014	08	02	<0745>	0745	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7106.0	5	2014	7	2	1945		G7D				MANY CLOSE-SPACED	QG52xi	WIA	VK4TJ

										SUBCARRIERS				
7110.0	40	2014	7	20	0800		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7120.0	8	2014	7	2	1945		A3E		SOM		RADIO HARGEISA	QG52xi	WIA	VK4TJ
7120		2014	08	DY	<1850>	1850-1950	A3A		?	Unid	Broadcast Mixed progs.	RF72LQ	NZART	ZL1BAD
7125.0	5	2014	7	12	1945		G7D				MANY CLOSE-SPACED	QG52xi	WIA	VK4TJ
7130	3.3	2014	08	DY	<1920>	1920	M7B		?	Unid	SUBCARRIERS Multi-chnl	RF72LQ	NZART	ZL1BAD
7132.0	5	2014	7	2	1945		G7D				MANY CLOSE-SPACED	QG52xi	WIA	VK4TJ
7135.0	3	2014	7	4	0900		J3E/U				SUBCARRIERS ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
7140.0	80	2014	7	13	0910		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7140.0	1	2014	7	4	0905		F1B	HIGH	500		CONTINUOUS	QG52xi	WIA	VK4TJ
7144.0	5	2014	7	2	1945		G7D				MANY CLOSE-SPACED	QG52xi	WIA	VK4TJ
7150.0		2014	7	2	0955		A1A				SUBCARRIERS MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7155	30	2014	08	03	<1940>	1940	P0N		?	Unid	CODAR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7162	3.3	2014	08	05	<1920>	1920	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7162	3.3	2014	08	08	<1935>	1935	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7162	3.3	2014	08	11	<1910>	1910	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7164.0	5	2014	7	8	1915		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7164.8	3	2014	7	30	0935		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7166.0	3	2014	7	30	0935		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7170.0	40	2014	7	1	0835		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7171.7	3	2014	7	11	0950		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
7175	30	2014	08	02	<0750>	0750	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7180.0	40	2014	7	2	0950		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7192	3.3	2014	08	05	<1920>	1920	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7192	3.3	2014	08	11	<1910>	1910	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7192	3.3	2014	08	14	<1930>	1930	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7193.4	3	2014	7	2	0955		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
7195.0	8	2014	7	7	0930		A3E				SW BROADCAST	QG52xi	WIA	VK4TJ
7196.2	4	2014	7	2	0955		G1D					QG52xi	WIA	VK4TJ
7200.0	8	2014	7	11	0955		A3E				SW BROADCAST	QG52xi	WIA	VK4TJ
7288.9	3	2014	7	4	0905		J3E/L				ASIAN, SOUNDS BAHASA OR TAGALOG	QG52xi	WIA	VK4TJ
10105.0	5	2014	7	21	2020		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10115.0	5	2014	7	13	0720		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10120.0	5	2014	7	19	2040		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10130.0	20	2014	7	19	2305		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
10160.0	30	2014	7	25	2005		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
13130	15	2014	08	26	<0255>	0255-0300	P0N		?	Unid	OTHR Continuous 50 pps finished @ 0300	RF72LQ	NZART	ZL1BAD
14000.0	20	2014	7	23	0755		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14000.0	3	2014	7	1	0840		J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14000.0	5	2014	7	1	0850		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ

14000		2014	08	DY	HX	HX	G7DE	?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL1BAD
14001.0	3	2014	7	25	0815		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14003.4	3	2014	7	4	0950		J3E/L			DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14005.0	5	2014	7	6	0620		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14005.0	3	2014	7	4	0845		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14005		2014	07	08	<0300-0315>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT 757GX
14005		2014	07	16	<0200-0210>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14010.0	5	2014	7	6	0620		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14011.2	3	2014	7	18	0755		J3E/L			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14012.2	3	2014	7	31	0840		J3E/L			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14015.0	5	2014	7	6	0705		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14020.0	3	2014	7	21	0925		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14022.0	1	2014	7	22	0600		F1B			SELCALL TONES	QG52xi	WIA	VK4TJ
14022.0	3	2014	7	6	1020		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14024.0	3	2014	7	31	0850		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14025.0	5	2014	7	6	0745		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14026.0	5	2014	7	7	2155		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14028.0	5	2014	7	20	0250		G1D			BURSTS	QG52xi	WIA	VK4TJ
14029.0	3	2014	7	7	0900		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14030.0	5	2014	7	29	0740		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14035.1	3	2014	7	4	0950		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14038.5	3	2014	7	9	1300		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14039.0	5	2014	7	5	0850		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
14040.0	5	2014	7	14	2020		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14045.0	5	2014	7	6	0635		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14045.0	1	2014	7	1	0955		F1B			BURSTS	QG52xi	WIA	VK4TJ
14046.0	3	2014	7	7	0910		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14046.5	3	2014	7	4	0955		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	7	6	0530		J3E/U	PHI		DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14050.0	3	2014	7	20	0110		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2014	7	6	0535		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	20	2014	7	26	0720		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14052.1	3	2014	7	4	0650		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14053.0	1	2014	7	6	0850		F1B			SELCALL	QG52xi	WIA	VK4TJ
14054.0	3	2014	7	11	0855		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14055.0	20	2014	7	27	0720		P0N			BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ

14055.0	5	2014	7	6	0800		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14055.5	3	2014	7	26	2110		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK3MV
14058	10	2014	08	18	<0025>	0025-0410	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14060.0	5	2014	7	20	0355		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14060.0	20	2014	7	4	1230		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14061.2	3	2014	7	4	1000		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14064.8	3	2014	7	18	0815		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14065.0	5	2014	7	8	0755		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14065.0	1	2014	7	5	0450		F1B	200			BURSTS	QG52xi	WIA	VK4TJ
14065.2	3	2014	7	1	0810		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14065.5	3	2014	7	29	0805		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14065.6	3	2014	7	26	2050		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14066.5	3	2014	7	26	0710		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14067.0	3	2014	7	21	0940		J3E/U				ASIAN, PRECEDED BY SELCALL	QG52xi	WIA	VK4TJ
14068.0	5	2014	7	28	1210		G7D					QG52xi	WIA	VK4TJ
14070.0	5	2014	7	21	2240		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14075.0	5	2014	7	21	2240		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14080.0	5	2014	7	21	0955		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14081.0	1	2014	7	17	0745		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14085.0	5	2014	7	8	0740		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14088		2014	07	18	<1330-1345>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14089	10	2014	08	01	<2240>	2240-2330	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14090.0	5	2014	7	21	2250		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14093.0	3	2014	7	18	0810		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14093.4	3	2014	7	16	0905		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14094.5	3	2014	7	22	0910		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14095.0	5	2014	7	21	1020		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14099	10	2014	08	29	<0115>	0115-0345	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14099	10	2014	08	30	<2125>	2125	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14099.3	3	2014	7	25	1140		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14100.0	3	2014	7	21	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14100.0	20	2014	7	19	0850		P0N				BURSTS	QG52xi	WIA	VK4TJ
14104	10	2014	08	03	<2315>	2315	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14105.0	5	2014	7	28	0940		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14108.0		2014	7	20	0900		A1A				LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
14109	8	2014	08	02	<0216>	0216	P0N		?	Unid	OTHR HFSWR 25 secs	RF72LQ	NZART	ZL1BAD
14109	8	2014	08	21	<2035>	2035	P0N		?	Unid	OTHR HFSWR 25 secs @ 10 pps	RF72LQ	NZART	ZL1BAD

14110.0	20	2014	7	13	0000		P0N			BURSTS	QG52xi	WIA	VK4TJ	
14110	8	2014	08	11	<0155>	0155	P0N		?	Unid	OTHR HFSWR 1.5 Min @ 10 pps	RF72LQ	NZART	ZL1BAD
14111.0	3	2014	7	26	0840		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14112	10	2014	08	13	<2110>	2110	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14116.0	1	2014	7	16	0840		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14118.0	5	2014	7	22	0910		G7D			QJB3K IN CW	DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS + BEEP TONE	QG52xi	WIA	VK4TJ
14119.0	3	2014	7	27	0740		G7D				4 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14120.0	5	2014	7	28	0950		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14120.0	20	2014	7	28	0950		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14121	10	2014	08	18	<0202>	0202	P0N		?	Unid	OTHR HFSWR 25 secs 10 pps	RF72LQ	NZART	ZL1BAD
14124.0	5	2014	7	16	0905		G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS + BEEP TONE	QG52xi	WIA	VK4TJ
14125	8	2014	08	09	<0107>	0107	P0N		?	Unid	OTHR HFSWR 18 secs 10 double pulses	RF72LQ	NZART	ZL1BAD
14128.0	1	2014	7	26	0825		F1B				BURSTS	QG52xi	WIA	VK4TJ
14128	8	2014	08	09	<0107>	0107	P0N		?	Unid	OTHR HFSWR 18 secs 10 double pulses	RF72LQ	NZART	ZL1BAD
14130.0	5	2014	7	26	0825		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14130.0	20	2014	7	8	0805		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14130	10	2014	08	04	<0400>	0400	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14130	8	2014	08	20	<0220>	0220	P0N		?	Unid	OTHR HFSWR 25 secs 10 pps	RF72LQ	NZART	ZL1BAD
14131.4	3	2014	7	7	0905		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14133	15	2014	08	25	<2245>	2245-2259	P0N		?	Unid	OTHR Continuous 50 pps (finished @ 2259)	RF72LQ	NZART	ZL1BAD
14134	8	2014	08	04	<0342>	0342	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14135.0	3	2014	7	19	0850		J3E/L				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14135	15	2014	08	08	<0250>	0250	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14137	8	2014	08	18	<0237>	0237	P0N		?	Unid	OTHR HFSWR 25 secs 10 pps	RF72LQ	NZART	ZL1BAD
14138	8	2014	08	03	<2025>	2025	P0N		?	Unid	OTHR HFSWR 25 secs - pps not measured	RF72LQ	NZART	ZL1BAD
14138	8	2014	08	09	<2005>	2005	P0N		?	Unid	OTHR HFSWR 18 secs 10 double pulses	RF72LQ	NZART	ZL1BAD
14139	10	2014	08	18	<2250>	2250	P0N		?	Unid	OTHR 5.2 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14140.0	3	2014	7	28	1015		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14140.0	100	2014	7	16	0925		P0N				OTHR, LONG BURSTS	QG52xi	WIA	VK4TJ
14140	15	2014	08	14	<0400>	0400	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14141	8	2014	08	03	<2308>	2308	P0N		?	Unid	OTHR HFSWR	RF72LQ	NZART	ZL1BAD

14142	10	2014	08	06	<2231>	2231-2330	P0N		?	Unid	OTHR Continuous 60 pps (Shifted frm 14220 @ 2231)	RF72LQ	NZART	ZL1BAD
14147	10	2014	08	26	<2120>	2120-2220	P0N		?	Unid	OTHR HFSWR 18 secs 10 pps	RF72LQ	NZART	ZL1BAD
14150	8	2014	08	02	<0216>	0216	P0N		?	Unid	OTHR HFSWR 20 secs	RF72LQ	NZART	ZL1BAD
14150	8	2014	08	12	<0130>	0130	P0N		?	Unid	OTHR HFSWR 20 secs 10 pps	RF72LQ	NZART	ZL1BAD
14150	8	2014	08	15	<0315>	0315	P0N		?	Unid	OTHR HFSWR 20 secs 10 pps	RF72LQ	NZART	ZL1BAD
14150	8	2014	08	18	<0202>	0202	P0N		?	Unid	OTHR HFSWR 20 secs 10 pps	RF72LQ	NZART	ZL1BAD
14150	8	2014	08	21	<2035>	2035	P0N		?	Unid	OTHR HFSWR 20 secs @ 10 pps	RF72LQ	NZART	ZL1BAD
14151	8	2014	08	20	<0220>	0220	P0N		?	Unid	OTHR HFSWR 20 secs 10 pps	RF72LQ	NZART	ZL1BAD
14151.6	3	2014	7	16	0950		J3E/U				ASIAN, SOUNDS HINDI	QG52xi	WIA	VK4TJ
14152.0	5	2014	7	28	0855		G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ
14152	10	2014	08	01	<2248>	2248	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14158	8	2014	08	18	<0237>	0237	P0N		?	Unid	OTHR HFSWR 20 secs 10 pps	RF72LQ	NZART	ZL1BAD
14159	10	2014	08	05	<2310>	2310	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14160.0	1	2014	7	4	0820		F1B	250			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14160		2014	08	01	<2135>	2135	F7D		RUS	MIL.	8 chnl idling	RF72LQ	NZART	ZL1BAD
14160		2014	08	02	<2030>	2030	F7D		RUS	Unid	8 chnl idling	RF72LQ	NZART	ZL1BAD
14162.0	5	2014	7	22	0915		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14166	15	2014	08	02	<2210>	2210-2359	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14166	15	2014	08	03	<0001>	0001-0250	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14170.0	5	2014	7	6	0540		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14179	10	2014	08	06	<2150>	2150-2225	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14181.5	3	2014	7	22	0915		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14182	15	2014	08	13	<2000>	2000-2130	P0N		?	Unid	OTHR Continuous 60/120 pps (double pulses)	RF72LQ	NZART	ZL1BAD
14183	15	2014	08	06	<2150>	2150-2225	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14185.5	1	2014	7	7	0905		F1B	500			CONTINUOUS	QG52xi	WIA	VK4TJ
14189.7	3	2014	7	11	0900		J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14192.0	1	2014	7	26	2100		F1B	200			IDLING	QG52xi	WIA	VK4TJ
14200	10	2014	08	03	<2045>	2045	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14200	10	2014	08	04	<0400>	0400>	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14200	15	2014	08	08	<2030>	2030	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14200	15	2014	08	13	<2100>	2100	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD

14200	10	2014	08	19	<2200>	2200	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14200	10	2014	08	28	<2040>	2040	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14200	10	2014	08	31	<2040>	2040	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14210.0	40	2014	7	2	0945		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14220	20	2014	08	06	<2230>	2230	P0N		?	Unid	OTHR Continuous Shifted to 14142 - after 1 min.	RF72LQ	NZART	ZL1BAD
14221.0	1	2014	7	26	2105		F1B	200			IDLING	QG52xi	WIA	VK4TJ
14221		2014	08	DY	<0001>	0001-2000	F1B	200	?	Unid	RTTY Idling with occasional traffic	RF72LQ	NZART	ZL1BAD
14225	15	2014	08	20	<0410>	0410-0430	P0N			Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14226.0	3	2014	7	7	0910		F1B				ALE	QG52xi	WIA	VK4TJ
14229.0	3	2014	7	4	0820		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14230	10	2014	08	23	<2000>	2000	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14232.1	3	2014	7	7	0910		J3E/U				ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14235	10	2014	08	13	<2132>	2132-2249	P0N		?	Unid	OTHR 3.6 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14238.0	1	2014	7	22	0915		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14239.0	5	2014	7	22	0650		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14240.0	20	2014	7	22	0650		P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14240.0	1	2014	7	16	1205		F1B	250	RUS		CONTINUOUS	QG52xi	WIA	VK4TJ
14241.0	3	2014	7	7	0910		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14242.0	5	2014	7	18	0800		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14245	8	2014	08	03	HX	HX	P0N		?	Unid	OTHR HFSWR 10 pps 20 secs	RF72LQ	NZART	ZL1BAD
14253	10	2014	08	27	<0330>	0330	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 80 pps	RF72LQ	NZART	ZL1BAD
14257	10	2014	08	05	<2310>	2310	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14266	10	2014	08	06	<2115>	2115	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14268	10	2014	08	13	<2120>	2120	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14270.0	20	2014	7	21	0710		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14270	20	2014	08	05	<1935>	1935	P0N		?	Unid	OTHR Continuous 60 pps	RF72LQ	NZART	ZL1BAD
14270	10	2014	08	08	<0130>	0130-0205	P0N		?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14270	8	2014	08	09	<1948>	1948	P0N		?	Unid	OTHR HFSWR 20 secs 10 pps (double pulses)	RF72LQ	NZART	ZL1BAD
14272	10	2014	08	13	<2120>	2120	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14275	10	2014	08	08	<2310>	2310	P0N		?	Unid	OTHR 5.3 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14275	3.3	2014	08	16	<2125>	2125-2359	M7B		?	Unid	Multi chnl	RF72LQ	NZART	ZL1BAD
14275	10	2014	08	17	<0001>	0001-0305	M7B		?	Unid	Multi chnl	RF72LQ	NZART	ZL1BAD
14278	8	2014	08	13	<2105>	2105	P0N		?	Unid	OTHR HFSWR 10 pps 20	RF72LQ	NZART	ZL1BAD

14278	10	2014	08	29	<0115>	0115	P0N	?	Unid	secs OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14279	10	2014	08	05	<2310>	2310	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14280.0	80	2014	7	29	0815		VXX			CODAR	QG52xi	WIA	VK4TJ
14282	8	2014	08	03	<1940>	1940	P0N	?	Unid	OTHR HFSWR	RF72LQ	NZART	ZL1BAD
14282	10	2014	08	05	<2310>	2310	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14282	10	2014	08	08	<2310>	2310	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14282	10	2014	08	15	<2205>	2205	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14285.0	5	2014	7	4	0825		G7D			DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14290	5	2014	08	04	<2050>	2050-2110	P0N	?	Unid	OTHR Continuous 50 pps (Only 5k wide)	RF72LQ	NZART	ZL1BAD
14290	20	2014	08	05	<0140>	0140-0350	P0N	?	Unid	OTHR Continuous 50 pps (closed at 0350)	RF72LQ	NZART	ZL1BAD
14290	20	2014	08	05	<1935>	1935-2115	P0N	?	Unid	OTHR Continuous 60 pps	RF72LQ	NZART	ZL1BAD
14292.0	5	2014	7	5	0845		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
14295.1	8	2014	7	18	0810		A3E	TJK		RADIO TADJIKISTAN	QG52xi	WIA	VK4TJ
14297	10	2014	08	01	<0455>	455	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14300.0		2014	7	13	0905		A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14302	10	2014	08	16	<2215>	2215-2359	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14302	10	2014	08	17	<0001>	0001-0045	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14303	10	2014	08	27	<2235>	2235	P0N	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14305	10	2014	08	16	<0001>	0001-0015	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14305	60	2014	08	29	<2110>	2110	VXX	?	Unid	CODAR Continuous 2 pps	RF72LQ	NZART	ZL1BAD
14305.3	3	2014	7	7	0910		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14308	10	2014	08	17	<2255>	2255	P0N	?	Unid	OTHR 3.8 every 40 secvs 70 pps	RF72LQ	NZART	ZL1BAD
14310	10	2014	08	19	<2345>	2345	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14310	10	2014	08	28	<2245>	2245	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14311	8	2014	08	15	<0315>	0315	P0N	?	Unid	OTHR HFSWR 25 secs 10 pps	RF72LQ	NZART	ZL1BAD
14312	10	2014	08	01	<2240>	2240-2330	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14312	10	2014	08	19	<2345>	2345	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14314	10	2014	08	04	<0255>	0255	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14314	10	2014	08	26	<2120>	2120	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD

14314	10	2014	08	27	<2235>	2235	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14314	10	2014	08	27	<2235>	2235	P0N	?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps (2 stns same freq)	RF72LQ	NZART	ZL1BAD
14316	10	2014	08	10	<2245>	2245	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14318	10	2014	08	29	<0015>	0015	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14322.2	3	2014	7	17	0750		J3E/L			ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14323	10	2014	08	03	<0430>	0430	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14327	10	2014	08	10	<2245>	2245	P0N	?	Unid	OTHR 3.8 every 40 secs 70/140 pps (double pulses)	RF72LQ	NZART	ZL1BAD
14328	10	2014	08	15	<0125>	0125-0330	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14330.0	30	2014	7	19	0845		P0N			CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14330	10	2014	08	08	<2210>	2210	P0N	?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14330.5	3	2014	7	13	0905		J3E/L			ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14331	10	2014	08	06	<2245>	2245	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14332	10	2014	08	02	<2200>	2200	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14332	10	2014	08	03	<2120>	2120	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14332	10	2014	08	04	<2110>	2110	P0N	?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14335	10	2014	08	02	<2200>	2200	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14335	10	2014	08	03	<2120>	2120	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14335	10	2014	08	04	<0355>	0355	P0N	?	Unid	OTHR 2 x OTHR 3.8 (3 sec apart) every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14335	5	2014	08	04	<2115>	2115	P0N	?	Unid	OTHR Continuous 50 pps (shifted from 14290- 5 k wide)	RF72LQ	NZART	ZL1BAD
14336	10	2014	08	27	<0230>	0230	P0N	?	Unid	OTHR 3.8 every 45 secs 70 pps	RF72LQ	NZART	ZL1BAD
14340	10	2014	08	06	<2245>	2245	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14340	40	2014	08	18	<2255>	2255-2300\	XXX	?	Unid	Stopped @ 2300. B-C Intermod. Badly distorted.	RF72LQ	NZART	ZL1BAD
14342	10	2014	08	06	<0430>	0430	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14342	10	2014	08	06	<2234>	2234	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14344.0	5	2014	7	26	2105		G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS + BEEP TONE	QG52xi	WIA	VK4TJ
14344	10	2014	08	08	<2210>	2210	P0N	?	Unid	OTHR 3.8 every 40 secs	RF72LQ	NZART	ZL1BAD

14345	10	2014	08	03	<2200>	2200	P0N	?	Unid	70 pps OTHR 3.8 every 40 secs	RF72LQ	NZART	ZL1BAD
14345		2014	08	DY	<1930>	1930-2115	XXX	?	Unid	70 pps Burst ,lasting 1 sec, every 2 secs, similar to Packet - but not	RF72LQ	NZART	ZL1BAD
14345	10	2014	08	19	<2350>	2350	P0N	?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14347	10	2014	08	01	<2155>	2155	P0N	?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps (Part in Band - freq. is centre)	RF72LQ	NZART	ZL1BAD
14347	10	2014	08	26	<2330>	2330	P0N	?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps (14347 is middle freq)	RF72LQ	NZART	ZL1BAD
18068		2014	08	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
18075	10	2014	08	31	<0340>	0340	P0N	?	Unid	OTHR 1.8 every 15 secs	RF72LQ	NZART	ZL1BAD
18080.0	3	2014	7	5	0150		G7D			70 pps 3 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
18095.0	3	2014	7	29	0820		J3E/U	PHL		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
18095.0	5	2014	7	10	0355		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
18100.0	20	2014	7	7	0900		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
20979.5	161	2014	08	19	<0608>	0608-0609	P0N	?	Unid	OTHR S3 161 kHz wide	RF73MF	NZART	ZL1GWE
21000.0	3	2014	7	31	0910		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21000.0	5	2014	7	2	0810		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21000		2014	08	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
21002.1	3	2014	7	1	0815		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21022.0	3	2014	7	14	0745		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21027.4	3	2014	7	12	2325		J3E/U	PHL		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
21030.0	100	2014	7	14	0750		P0N			SOUNDS VERY MUCH LIKE IRANIAN OTHR FOUND ON 10 MTRS	QG52xi	WIA	VK4TJ
21040.0	5	2014	7	14	0825		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	5	2014	7	6	0500		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	6	2014	7	13	0325		A3E			ASIAN	QG52xi	WIA	VK4TJ
21065.0	5	2014	7	5	0045		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21110.0	5	2014	7	13	0015		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21111.1	3	2014	7	26	0210		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21112.2	3	2014	7	12	2355		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
21113.3	3	2014	7	26	0800		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21114.5	3	2014	7	4	0815		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21141.0	3	2014	7	22	0900		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21145	10	2014	08	02	<0333>	0333	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
21169	10	2014	08	31	<0235>	0235-0300	P0N	?	Unid	OTHR 1.8 every 40 secs	RF72LQ	NZART	ZL1BAD
21170.0	5	2014	7	5	0255		G7DF			70 pps HF MANPACK	QG52xi	WIA	VK4TJ

21190	25	2014	08	02	<0410>	0410	P0N		?	Unid	OTHR Continuous 50 pps shited from 21300. Started @ 0410	RF72LQ	NZART	ZL1BAD
21199.0	1	2014	7	5	0300		F1B	800			BURSTS	QG52xi	WIA	VK4TJ
21200.0	20	2014	7	11	2205		VXX				CODAR-LIKE SWEEPS. PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21201	10	2014	08	10	<2320>	2320	P0N		?	Unid	OTHR OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21205.0	5	2014	7	11	2205		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21205	10	2014	08	11	<0200>	0200-0255	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21206	10	2014	08	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21210	10	2014	08	01	<0229>	0229	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21212	10	2014	08	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21213	10	2014	08	31	<0048>	0048	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215	10	2014	08	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21218	10	2014	08	07	<0305>	0305	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21218	10	2014	08	10	<2320>	2320	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21220.0	5	2014	7	4	0815		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21220	10	2014	08	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21222	10	2014	08	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21224	10	2014	08	10	<2255>	2255	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	08	11	<0307>	0307	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	08	22	<0254>	0254	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	08	25	<0330>	0330	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21226	10	2014	08	31	<2332>	2332	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21227	10	2014	08	07	<0251>	0251	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21228	10	2014	08	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230.0	20	2014	7	23	0805		VXX				CODAR-LIKE SWEEPS. PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21230.0	20	2014	7	14	0845		P0N				CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21232	10	2014	08	02	<0422>	0422	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	08	07	<0245>	0245	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21233	10	2014	08	25	<0403>	0403	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD

21234	10	2014	08	07	<0252>	0252	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21236	10	2014	08	04	<0348>	0348	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21236	10	2014	08	26	<0435>	0435	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	08	02	<0330>	0330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	08	03	<0052>	0052	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	08	30	<0400>	0400	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	08	31	<0123>	0123	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21243	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21245	10	2014	08	31	<0252>	0252	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21252	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21252	10	2014	08	14	<0420>	0420	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21252	10	2014	08	26	<2359>	2359	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21253	10	2014	08	07	<0300>	0300	P0N	?	Unid	OTHR 2 x 1.8 bursts every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21260	10	2014	08	06	<0347>	0347	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21262	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21262	10	2014	08	13	<2300>	2300	P0N	?	Unid	OTHR 1.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21262	10	2014	08	31`	<0124>	0124	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21263	10	2014	08	03	<0210>	0210	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21267	10	2014	08	02	<0409>	0409	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21270.0	20	2014	7	15	0925		VXX			CODAR-LIKE SWEEPS. PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21270	10	2014	08	11	<0138>	0138	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21270	10	2014	08	14	<0410>	0410	P0N	?	Unid	OTHR 3@1.8 (fraction between, 1&2 @ 40 pps, 3 @ 40/80 double pulses	RF72LQ	NZART	ZL1BAD
21274	10	2014	08	31	<0030>	0030	P0N	?	Unid	OTHR 3 x 1.3 secs (1\2 sec between) @ variable timing 50 pps	RF72LQ	NZART	ZL1BAD
21275	10	2014	08	05	<0450>	0450	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21276	10	2014	08	11	<0210>	0210-0255	P0N	?	Unid	OTHR 2 x 1.5 burses, 3.5 secs apart, every 30 secs	RF72LQ	NZART	ZL1BAD

50 pps

21280	10	2014	08	04	<0300>	0300	P0N	?	Unid	OTHR 2.3 every 30 secs 30 pps	RF72LQ	NZART	ZL1BAD
21285	10	2014	08	25	<0040>	0040	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21286	10	2014	08	13	<2345>	2345	P0N	?	Unid	OTHR 1.6 every 40 secs 50 pps Occasional double bursts	RF72LQ	NZART	ZL1BAD
21287	10	2014	08	21	<0305>	0305	P0N	?	Unid	OTHR 2x2 (1 sec between) for 2 secs both @ 40 pps	RF72LQ	NZART	ZL1BAD
21290	10	2014	08	03	<0210>	0210	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21291	10	2014	08	14	<0230>	0230	P0N	?	Unid	OTHR 2 @ OTHR 1.6 (with fraction between) every 40 secs (1 @ 50pps 1 @ 40 pps)	RF72LQ	NZART	ZL1BAD
21292	10	2014	08	07	<0240>	0240	P0N	?	Unid	OTHR 3 x 1.5 bursts every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21293	10	2014	08	05	<0454>	0454	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	08	22	<0245>	0245	P0N	?	Unid	OTHR Continuous with 2 secs between bursrs, 40/80 pps Doubles	RF72LQ	NZART	ZL1BAD
21295	10	2014	08	23	<0345>	0345	P0N	?	Unid	OTHR 2 bursts with variable timing between. Each 30 secs. 70 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	08	25	<0300>	0300	P0N	?	Unid	OTHR 2x2 secs (with 1 sec between) 40 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	08	31	<2255>	2255	P0N	?	Unid	OTHR 1.8 every 40 secs 40 pps	RF72LQ	NZART	ZL1BAD
21300	20	2014	08	02	<0400>	0400-0408	P0N	?	Unid	OTHR Continuous 50 pps Fin. @ 0408 - shited to 21190	RF72LQ	NZART	ZL1BAD
21300	20	2014	08	13	<0330>	0330-0400	P0N	?	Unid	OTHR Continuous 50 pps S9+	RF72LQ	NZART	ZL1BAD
21307	10	2014	08	01	<2115>	2115	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21308	10	2014	08	01	<0500>	0500	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21310.0	20	2014	7	11	0905		P0N			CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21316	10	2014	08	01	<0500>	0500	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21320.0	20	2014	7	15	0910		P0N			CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21320	10	2014	08	30	<2245>	2245-2300	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21323	10	2014	08	12	<0012>	0012	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21350	10	2014	08	10	<2255>	2255	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD

21372	10	2014	08	01	<0500>	0500	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21377	10	2014	08	11	<0135>	0135-0205	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21389	10	2014	08	03	<0210>	0210	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21390	10	2014	08	30	<2245>	2245-2300	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps (Splater 30 k either side)	RF72LQ	NZART	ZL1BAD
21400.0	40	2014	7	14	0740		P0N			BURSTS	QG52xi	WIA	VK4TJ
21400		2014	08	30	<0400>	0400	XXX	?	Unid	Broadcast Splatter from AM stn on 21505 - extending down to 21400	RF72LQ	NZART	ZL1BAD
21400		2014	08	31	<0400>	0400	XXX	?	Unid	Splatter down to 21400 from BC stn on 21505	RF72LQ	NZART	ZL1BAD
21420.0	20	2014	7	10	0520		P0N			BURSTS	QG52xi	WIA	VK4TJ
21424	10	2014	08	11	<2325>	2325	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21433.0	5	2014	7	15	0915		G77			DOZENS OF PAIRS OF SUBCARRIERS ON 80 HZ INTERVALS	QG52xi	WIA	VK4TJ
21438.0		2014	7	14	0740		A1A	UKR	RCV	DAILY	QG52xi	WIA	VK4TJ
24900		2014	08	DY	HX	HX	G7DE/F	?	Unid	Across entire band	RF72LQ	NZART	ZL1BAD
24912.5	6	2014	7	3	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2014	7	4	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000		2014	08	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28005.0	6	2014	7	5	0000		A3E			ASIAN	QG52xi	WIA	VK4TJ
28008.3		2014	7	12	0820		A1A		4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28012.5	6	2014	7	3	0835		A3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	7	4	0650		A3E			ASIAN	QG52xi	WIA	VK4TJ
28025.0	6	2014	7	3	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ
28027.8	3	2014	7	12	0110		J3E/U			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28035.0	5	2014	7	5	0220		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28035.0	6	2014	7	4	0650		A3E			ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2014	7	12	2335		A3E			ASIAN	QG52xi	WIA	VK4TJ
28040.1		2014	7	12	0710		A1A		4NAY	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28042.0	3	2014	7	7	0835		A3E			ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2014	7	5	0000		A3E			ASIAN	QG52xi	WIA	VK4TJ
28050.0	8	2014	7	3	0835		F3E			ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2014	7	4	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2014	7	12	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	7	5	0000		A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	7	4	0650		A3E			ASIAN	QG52xi	WIA	VK4TJ
28075.0	8	2014	7	4	0650		F3E			ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2014	7	4	0650		A3E			ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2014	7	12	0230		A3E			ASIAN	QG52xi	WIA	VK4TJ
28090.0	6	2014	7	4	0650		A3E			ASIAN	QG52xi	WIA	VK4TJ

28100.0	6	2014	7	3	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2014	7	3	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2014	7	12	0245	A3E	ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	7	5	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	7	5	0000	F3E	ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2014	7	12	0340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28150.0	8	2014	7	3	1000	F3E	ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2014	7	3	1020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28162.5	8	2014	7	3	0915	F3E	ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	7	3	1020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	7	4	0655	F3E	ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2014	7	12	0350	A3E	ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	7	3	0955	F3E	ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28212.5	8	2014	7	3	0955	F3E	ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2014	7	3	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2014	7	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2014	7	3	0955	F3E	ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2014	7	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	7	7	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	7	3	0920	A3E	ASIAN	QG52xi	WIA	VK4TJ
28275.0	8	2014	7	3	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28280.0	6	2014	7	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2014	7	3	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2014	7	3	0910	A3E	ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	7	4	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2014	7	12	0435	A3E	ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2014	7	3	0955	A3E	ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28315.0	6	2014	7	3	1020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28320.0	6	2014	7	12	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28320.0	5	2014	7	12	0705	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
28325.0	8	2014	7	3	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2014	7	5	0235	A3E	ASIAN	QG52xi	WIA	VK4TJ
28345.0	6	2014	7	14	0640	A3E	ASIAN	QG52xi	WIA	VK4TJ
28350.0	6	2014	7	3	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2014	7	3	1020	A3E	ASIAN	QG52xi	WIA	VK4TJ

28375.0	8	2014	7	3	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2014	7	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2014	7	12	0545	A3E	ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2014	7	5	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2014	7	4	0700	F3E	ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28437.5	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2014	7	3	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28462.5	8	2014	7	3	0950	F3E	ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2014	7	3	0925	F3E	ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2014	7	4	0805	A3E	ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2014	7	12	0545	A3E	ASIAN	QG52xi	WIA	VK4TJ
28500.0	6	2014	7	3	0910	A3E	ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2014	7	3	0925	F3E	ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2014	7	12	0545	A3E	ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2014	7	3	0950	A3E	ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2014	7	4	0800	A3E	ASIAN	QG52xi	WIA	VK4TJ
28558.0	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28562.5	6	2014	7	12	0555	A3E	ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	7	3	0950	F3E	ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28587.5	6	2014	7	3	0950	A3E	ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2014	7	4	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2014	7	3	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
28620.0	6	2014	7	3	1020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2014	7	3	0905	A3E	ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2014	7	4	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2014	7	4	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28650.0	20	2014	7	12	0705	P0N	OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28650.0	6	2014	7	3	0905	A3E	ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	7	4	0800	A3E	ASIAN	QG52xi	WIA	VK4TJ
28662.5	6	2014	7	3	0905	A3E	ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	7	3	0925	A3E	ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	7	5	0010	F3E	ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	7	5	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ

28695.0	6	2014	7	5	0010	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28700.0	6	2014	7	14	0645	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28705.0	8	2014	7	5	0010	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28715.0	6	2014	7	4	0705	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28725.0	8	2014	7	4	0705	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28735.0	6	2014	7	5	0015	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28737.5	6	2014	7	3	0950	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28745.0	6	2014	7	4	0705	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28746	4	2014	07	09	<1350-1400>	WFM		IND	RAINBOW	AIR FM RAINBOW 100.7 MHz FM CAUSING SPLATTER	NL06lu	ARSI	
28750.0	6	2014	7	12	0620	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28755.0	6	2014	7	4	0705	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28762.5	8	2014	7	3	0845	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28770.0	6	2014	7	4	0705	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28775.0	6	2014	7	12	0620	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28777	10	2014	08	10	<2310>	P0N	2310	?	Unid	OTHR every 20 secs - too weak to measure	RF72LQ	NZART	ZL1BAD
28787.5	8	2014	7	3	1025	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28800.0	8	2014	7	3	1025	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28825.0	8	2014	7	3	0905	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28830.0	8	2014	7	14	0705	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28850.0	8	2014	7	3	0845	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28862.5	8	2014	7	3	0905	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28865.0	8	2014	7	5	0015	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28875.0	8	2014	7	3	0845	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28887.5	8	2014	7	5	0240	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28888.9	3	2014	7	12	0645	J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ	
28900.0	8	2014	7	3	0905	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28912.5	8	2014	7	3	1025	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28925.0	8	2014	7	14	0645	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28940.0	8	2014	7	5	0015	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28950.0	8	2014	7	3	0930	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28962.5	8	2014	7	3	0900	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28975.0	8	2014	7	3	0930	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28987.5	8	2014	7	3	0945	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29000.0	8	2014	7	14	0700	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29005.0	8	2014	7	5	0020	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29012.5	8	2014	7	3	1025	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29025.0	8	2014	7	12	0650	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29045.0	8	2014	7	5	0020	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29075.0	8	2014	7	14	0650	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29085.0	8	2014	7	5	0020	F3E			ASIAN	QG52xi	WIA	VK4TJ	
29088	2	2014	07	09	<1345-1350>	WFM		IND	VIVIDH B.	SPLATTER FROM AIR VIVIDH BHAARATHI (101.6 MHz FM)	NL06lu	ARSI	

29100.0	8	2014	7	3	0930	F3E	ASIAN	QG52xi	WIA	VK4TJ
29112.5	8	2014	7	14	0650	F3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2014	7	3	0845	F3E	ASIAN	QG52xi	WIA	VK4TJ
29150.0	8	2014	7	3	0945	F3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	7	3	0845	F3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	7	3	0945	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	8	2014	7	3	0850	F3E	ASIAN	QG52xi	WIA	VK4TJ
29235.0	8	2014	7	5	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	7	5	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	7	3	0940	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2014	7	5	0200	F3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2014	7	14	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	8	2014	7	3	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2014	7	4	0755	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2014	7	5	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	7	3	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2014	7	4	0750	A3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2014	7	26	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	7	3	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	8	2014	7	3	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2014	7	5	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
29440	0.5	2014	07	08	<1330-1340>	WFM	IND VIVIDH B. SPLATTER FROM AIR VIVIDH BHAARATHI (101.6 MHz FM)	NL06lu	ARSI	
29445.0	6	2014	7	5	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2014	7	3	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	7	3	0940	F3E	ASIAN	QG52xi	WIA	VK4TJ
29487.4	8	2014	7	14	0655	F3E	ASIAN	QG52xi	WIA	VK4TJ
29500.0	40	2014	7	3	0850	P0N	CONTINUOUS	QG52xi	WIA	VK4TJ
29515.0	6	2014	7	5	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29517	3	2014	07	09	<1340-1345>	WFM	IND VIVIDH B. SPLATTER FROM AIR VIVIDH BHAARATHI (101.6 MHz FM)	NL06lu	ARSI	
29525.0	6	2014	7	3	0940	A3E	ASIAN	QG52xi	WIA	VK4TJ
29544	4	2014	07	16	<1410-1415>	WFM	IND VIVIDH B. SPLATTER FROM AIR VIVIDH BHAARATHI (101.6 MHz FM)	NL06lu	ARSI	
29550.0	6	2014	7	3	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
29562.5	6	2014	7	3	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2014	7	14	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2014	7	26	0635	A3E	ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	7	4	0720	A3E	ASIAN	QG52xi	WIA	VK4TJ
29605.0	6	2014	7	5	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2014	7	3	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2014	7	4	0715	F3E	ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2014	7	3	0940	F3E	ASIAN	QG52xi	WIA	VK4TJ

29650.0	8	2014	7	3	0855	F3E	ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29662.5	8	2014	7	3	0855	F3E	ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29675.0	8	2014	7	3	0935	F3E	ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	7	3	0850	F3E	ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29700.0	8	2014	7	3	0850	F3E	ASIAN	QG52xi	WIA	VK4TJ