



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



September 2015

Peter Young VK3MV

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

This month there were 638 observations of intruders made across the Region as compared to last month's number of 657.

OHR systems continue to be the most prominent intruders, on 10, 15 and 20 meters. These numerous intrusions are ongoing despite repeated reports to regulatory authorities.

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

There is the continual pirate activity using SSB on the lower part of 40 meters and 10 meters FM/AM for local short-range communications in a number of Asian countries. More detail is provided in the attached data report.

Thank you to all the regional observers for their reports, these reports are needed, and really appreciated. Keep them coming. Monitoring reports can also be sent directly to the monitoring coordinator, 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

This will be my last monitoring report. Next month the will be compiled by Titon Dutono, YB3PET, who was nominated to be the new R3 monitoring Coordinator at the recent R3 IARU Conference. At the Conference I was elected as a Director. I will be continuing to provide support and assistance Titon in his new role.

Just a reminder that reports should be sent to the Monitoring Coordinator by the 14th day of each month.

Thanks for your support.

Peter – VK3MV

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3528.0	1	2015	9	5	1815		F1B							QG62an	WIA	VK4TJ
3533.0	1	2015	9	5	1805		F1B							QG62an	WIA	VK4TJ
3548.0	1	2015	9	5	1810		F1B						FOLLOWED BY N0N	QG62an	WIA	VK4TJ
3560.0	3	2015	9	5	1820		J3E/U				JPN		FISHBOATS	QG62an	WIA	VK4TJ
3564.0	5	2015	9	5	1810		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3585.0	3	2015	9	5	0940		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3598.0	5	2015	9	5	1810		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3600.0	150	2015	9	6	1010		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3623.0	3	2015	9	5	0940		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3625.0	150	2015	9	20	0930		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3658.0		2015	9	5	1810		A1A				RUS	V	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
3669.0	3	2015	9	5	1820		J1C						FAX	QG62an	WIA	VK4TJ
3694.5		2015	9	5	1825		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3757	0.5	2015	09	16	13:56		A1A						repeat of "m8jf m8jf m8jf de ris9 ris9 v "	PM84UQ	JARL	
3760	3	2015	09	18	11:38		J3E						music with no call	PM84UQ	JARL	
3777.0		2015	9	5	1805		A1A					RIS9	CALLING SINGLE STN	QG62an	WIA	VK4TJ
3777.0	1	2015	9	5	1805		F1B							QG62an	WIA	VK4TJ
3781.0	1	2015	9	5	1800		F1B						ALE	QG62an	WIA	VK4TJ
3782.0	2	2015	9	5	1800		A2A						NUMBER CIPHER. MODULATION IS HUM	QG62an	WIA	VK4TJ
3798		2015	09	09	<0605>	0605	J3E/U				?	Unid	Non Amateurs S8 Asian speaking	RF81WM	NZART	ZL2CC
3804.95	0.5	2015	09	23	11:07		A1A						random russian(?)alphabet	PM84UQ	JARL	
6950.0	150	2015	9	20	1010		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000.0	3	2015	9	1	0805		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000.0	3	2015	9	1	0900-1230		J3E/U				INS		DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7000		2015	09	DY	<1700>	1700- 2035	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2015	09	DY	<1700>	1700- 2035	G7DE/F				?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
7005.0	3	2015	9	1	0900		J3E/L				INS		DAILY, VILLAGE	QG62an	WIA	VK4TJ

7005.0	3	2015	9	1	0805	J3E/U	INS	RADIO DAILY, VILLAGE	QG62an	WIA	VK4TJ
7005.0	3	2015	9	1	0900-1230	J3E/U	INS	RADIO DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7005.0	3	2015	9	1	0900-1230	J3E/L	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7010.0	3	2015	9	1	0910	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	9	1	0805	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	9	1	0900-1230	J3E/U	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7010.0	3	2015	9	1	0900-1230	J3E/L	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7015.0	70	2015	9	25	0820	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7015.0	3	2015	9	3	0955	J3E/L		ASIAN MUSIC	QG62an	WIA	VK4TJ
7015.0	3	2015	9	3	0955	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	9	3	0955	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	9	4	0930-1115	J3E/U	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7015.0	3	2015	9	4	0930-1115	J3E/L	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7018.0		2015	9	1	2100	N0N		USUALLY F1B	QG62an	WIA	VK4TJ
7020.0	3	2015	9	1	0915	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	9	1	0805	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	9	1	0900-1230	J3E/U	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7020.0	3	2015	9	1	0900-1230	J3E/L	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7025.0	3	2015	9	1	0925	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	9	4	0945-1115	J3E/U	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7025.0	3	2015	9	1	0900-1230	J3E/L	INS	DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7027.6		2015	09	06	<2100- 2115>	A1A	UNID	"V"	MK82	ARSI	
7030.0	3	2015	9	1	0935	J3E/L	INS	SINGLE LETTER BEACON "V"	QG62an	WIA	VK4TJ
7030.0	3	2015	9	1	0930	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	3	2015	9	1	0900-1230	J3E/U	INS	DAILY, VILLAGE RADIO DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE

7030.0	3	2015	9	1	0900-1230		J3E/L		INS		DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7035.0	3	2015	9	1	0935		J3E/L		INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.0	3	2015	9	3	1010		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035.0	3	2015	9	4	0930-1115		J3E/U		INS		DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7035.0	3	2015	9	1	0900-1230		J3E/L		INS		DAILY - Various stations in Bahasa	PF95gc	WIA	VK5EEE
7038.7		2015	09	DY	<1700>	1700-2035	A1A		RUS	RCV	CW Beacon D, Sevastopol	RF72LQ	NZART	ZL1BAD
7038.9		2015	09	DY	<1700>	1700-2035	A1A		RUS	RIT	CW Beacon S, Sevromorsk	RF72LQ	NZART	ZL1BAD
7039.0	0.5	2015	9	9	H24		A1A		RUS			QF22ma	WIA	VK3MV
7039	0.5	2015	09	01	1010		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1014		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1206		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1210		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1620		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1624		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1830		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	01	1834		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	02	1030		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	02	1034		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	02	1210		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	02	1214		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	02	1610		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	02	1820		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	03	1030		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	03	1034		A1A	15	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	03	1210		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	03	1214		A1A	15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	09	03	1630		A1A	37	RUS	K--signal	Beacon	PM 97	JARL	

7039	0.5	2015	09	06	1440	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	07	1010	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	07	1014	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	07	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	07	1214	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	07	1640	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	07	1910	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	08	1030	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	08	1034	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	08	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	08	1214	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	08	1620	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	09	1020	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	09	1024	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	09	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	09	1214	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	10	1010	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	10	1014	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	10	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	10	1930	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	11	1010	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	11	1014	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	11	1220	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	11	1640	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	11	1644	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	12	1020	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	12	1024	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	12	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL

7039	0.5	2015	09	12	1214	A1A	15	RUS	signal M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	12	1840	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	13	1030	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	13	1034	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	13	1208	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	13	1212	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	13	1904	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	14	1020	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	14	1024	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	14	1214	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	14	1218	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	14	1620	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	15	1040	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	15	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	15	1910	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	16	1030	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	16	1230	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	16	1912	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	17	1030	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	17	1220	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	17	1920	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	18	1010	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	18	1210	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	18	1910	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	19	1020	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	19	1210	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	19	1850	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL

7039	0.5	2015	09	20	1030	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	20	1240	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	20	1850	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	23	1810	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	24	1002	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	24	1006	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	24	1840	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	25	1002	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	25	1006	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	25	1920	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	26	1020	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	26	1024	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	27	1330	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	27	1840	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	28	1002	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	28	1006	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	28	1210	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	28	1910	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	29	1010	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	29	1014	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	29	1204	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	30	1010	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	30	1014	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	30	1220	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	30	1640	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	30	1644	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2015	09	30	1850	A1A	37	RUS	K-- signal	Beacon	PM 97	JARL
7039.2		2015	09	DY	<1700>	1700-	A1A	RUS	RIS	CW Beacon F,	RF72LQ	NZART ZL1BAD

7039.3		2015	9	1	0805	2035	A1A		RUS	K	Vladivostok DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	9	3	0935		A1A		RUS	M	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	09	DY	<1700>	1700- 2035	A1A		RUS	RTS	CW Beacon M, Magadan	RF72LQ	NZART	ZL1BAD
7040	0.5	2015	09	07	14:08		A1A				train of "M","K"	PM84UQ	JARL	
7040	0.5	2015	09	08	10:58		A1A				train of "M","K"	PM84UQ	JARL	
7040	0.5	2015	09	10	12:41		A1A				train of " M "," K "	PM84UQ	JARL	
7040	0.5	2015	09	11	12:40		A1A				train of "K","M"	PM84UQ	JARL	
7040	0.5	2015	09	12	12:42		A1A				train of " M "," K "	PM84UQ	JARL	
7040	0.5	2015	09	17	12:52		A1A				train of "M"	PM84UQ	JARL	
7040	0.5	2015	09	18	11:32		A1A				train of "M"	PM84UQ	JARL	
7040	0.5	2015	09	19	09:42		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2015	09	20	12:00		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2015	09	22	11:01		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2015	09	26	12:25		A1A				train of " M "," K "	PM84UQ	JARL	
7046	34	2015	09	08	1850		P0N	non	non	non	unknown 7029KHz - 7063KHz wide pulse mode P0N OTHR ?	PM 97	JARL	
7050.0	3	2015	9	10	0800		J3E/U				ASIAN, SOUNDS CHINESE - NO CALLS	QG62an	WIA	VK4TJ
7051.0	1	2015	9	1	2055		F1B	200			DAILY, CONTINUOUS IDLING	QG62an	WIA	VK4TJ
7070.0	5	2015	9	5	0905		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
7080.0	1	2015	9	5	1830		F1B	200			CONTINUOUS	QG62an	WIA	VK4TJ
7095.0	5	2015	9	29	1015		G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
7100.0	3	2015	9	1	0950		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7100.0	3	2015	9	29	1015		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7103.0	1	2015	9	8	0930		F1B				ALE	QG62an	WIA	VK4TJ
7110.0	3	2015	9	6	0930		J3E/L				ASIAN MUSIC & JAZZ	QG62an	WIA	VK4TJ
7114.0	1	2015	9	1	2105		F1B				BURSTS	QG62an	WIA	VK4TJ
7115.0	3	2015	9	3	0935		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7118.0	5	2015	9	5	1835		G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
7120.0	3	2015	9	7	0955		J3E/U				ASIAN	QG62an	WIA	VK4TJ
7120.0	8	2015	9	5	1800		A3E		SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ

7123.0		2015	9	1	1000	A1A				DAILY, MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7135.0	3	2015	9	3	1015	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7136.0	1	2015	9	3	1015	F1B				ALE	QG62an	WIA	VK4TJ
7141.0	5	2015	9	5	1835	G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
7152.5	1	2015	9	29	1020	A2A				NUMBER CIPHER	QG62an	WIA	VK4TJ
7162.5	3	2015	9	6	1015	J3E/U				ASIAN, SOUNDS JAPANESE	QG62an	WIA	VK4TJ
7165.0	3	2015	9	3	1015	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7177.4	3	2015	9	8	0935	J3E/U				DAILY, ASIAN	QG62an	WIA	VK4TJ
7180.0	3	2015	9	4	0835	J3E/U				DAILY, ASIAN	QG62an	WIA	VK4TJ
7200.0	8	2015	9	1	1000	A3E				DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
7213.2	3	2015	9	10	0755	J3E/U				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
10100.0	8	2015	9	4	0825	A3E				SW BROADCAST	QG62an	WIA	VK4TJ
10130.0	10	2015	9	10	0835	VXX				CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
14000.0	3	2015	9	3	0905	J3E/U				DAILY, ASIAN	QG62an	WIA	VK4TJ
14000.0	3	2015	9	11	1005	J3E/U				ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14000		2015	09	DY	<1700>	1700- 2035	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
14000	175	2015	09	14	<0030>	0030	P0N	?	Unid	OTHR intermittent wide Band	RF72LQ	NZART	ZL1BAD
14000	175	2015	09	14	<0030>	0030	P0N	?	Unid	OTHR intermittent wide Band	RF72LQ	NZART	ZL1BAD
14000.3	3	2015	9	11	2320		J3E/L	PHL		TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14001		2015	09	12	<1335- 1345>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14003.4	3	2015	9	28	2145		J3E/L			ASIAN	QG62an	WIA	VK4TJ
14005.0	10	2015	9	3	0750		P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
14006.0	3	2015	9	13	0805		J3E/U			ASIAN	QG62an	WIA	VK4TJ
14008.0	1	2015	9	6	0750		F1B			DAILY	QG62an	WIA	VK4TJ
14013.0	3	2015	9	17	2115		J3E/U			ASIAN	QG62an	WIA	VK4TJ
14013.0	10	2015	9	7	0915		G7D			DOZENS OF SUBCARRIERS ON 38 HZ INTERVALS	QG62an	WIA	VK4TJ
14014.0	5	2015	9	1	2145		G7D			10 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ

14014.0	3	2015	9	1	2105	J3E/U			ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14014		2015	09	13	<0310- 0325>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014.5	3	2015	9	5	0845	J3E/L			ASIAN	QG62an	WIA	VK4TJ
14014.5	3	2015	9	29	1010	J3E/L			ASIAN	QG62an	WIA	VK4TJ
14015.0	5	2015	9	6	0910	A1A			LETTER CIPHER, BAD KEY CLICKS	QG62an	WIA	VK4TJ
14015.0	10	2015	9	4	2145	G7D			WIDE	QG62an	WIA	VK4TJ
14017		2015	09	21	<0255- 0305>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14021.2	3	2015	9	2	0015	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14022.0	3	2015	9	19	2130	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14025.0	3	2015	9	6	0635	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14025.5	3	2015	9	3	0910	J3E/U			DAILY, ASIAN	QG62an	WIA	VK4TJ
14029.0	3	2015	9	7	0935	J3E/L			DAILY, ASIAN	QG62an	WIA	VK4TJ
14030.0	3	2015	9	6	1015	J3E/U			DAILY, ASIAN	QG62an	WIA	VK4TJ
14030.0	2	2015	9	7	0935	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14032		2015	09	04	<0150- 0210>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14033		2015	09	21	<0255- 0305>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14035.0	3	2015	9	6	1015	J3E/U			DAILY, ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14037.8	3	2015	9	22	0950	J3E/U			DAILY, ASIAN	QG62an	WIA	VK4TJ
14039.0	5	2015	9	2	0015	G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14045.0	3	2015	9	15	0840	J3E/U			ASIAN, ALTERNATES WITH G7D ON 14046	QG62an	WIA	VK4TJ
14045.0	1	2015	9	3	2155	F1B	300		DAILY, FREQUENT BURSTS	QG62an	WIA	VK4TJ
14045.0	2	2015	9	7	2140	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14045.2	3	2015	9	6	2205	J3E/L			DAILY, ASIAN	QG62an	WIA	VK4TJ

14046.0	5	2015	9	15	0840		G7D							DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14048.0	3	2015	9	15	0900		J3E/L							CHINESE	QG62an	WIA	VK4TJ
14048.0	3	2015	9	1	0620		J3E/U		PHL					DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14048.4	3	2015	9	9	2135		J3E/U							DAILY, CHINESE	QG62an	WIA	VK4TJ
14050.0		2015	9	28	0925		A1A							NUMBER CIPHER	QG62an	WIA	VK4TJ
14050.0	5	2015	9	6	0900		G7D							DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14050.0	2	2015	9	7	1015		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
14050.0	1	2015	9	6	0715		F1B							ALE, BURSTS	QG62an	WIA	VK4TJ
14050.5	1	2015	9	24	0715		F1B	250						CONTINUOUS	QG62an	WIA	VK4TJ
14051	20	2015	09	05	<0654>	0654-0803	G7D		330	RUS	Unid			Military Stanag 4285 12 channel ODFM S8 increased to S9+10 dbm	RF73MF	NZART	ZL1GWE
14052.0	10	2015	9	4	2210		G7D							WIDE. 100'S OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
14052.0	1	2015	9	6	2140		F1B	200							QG62an	WIA	VK4TJ
14055		2015	09	27	<0630>	0630	G7DF		330	?	Und			HF Man pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14055.5	3	2015	9	6	0855		J3E/L							ASIAN	QG62an	WIA	VK4TJ
14056.0	3	2015	9	16	2255		J3E/U							ASIAN, SOUNDS KHMER	QG62an	WIA	VK4TJ
14058.8	3	2015	9	2	2305		J3E/U							DAILY, ASIAN	QG62an	WIA	VK4TJ
14063.5	1	2015	9	6	0730		F1B	500							QG62an	WIA	VK4TJ
14067.0	3	2015	9	29	0740		J3E/U							ASIAN, C/W BEEP TONE	QG62an	WIA	VK4TJ
14068.0	1	2015	9	30	0630		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
14069.0	3	2015	9	10	2350		J3E/L							DAILY, ASIAN	QG62an	WIA	VK4TJ
14081.8	3	2015	9	7	0940		J3E/U							ASIAN	QG62an	WIA	VK4TJ
14090.0	170	2015	9	6	0055		P0N							OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14095.0	15	2015	9	23	0805		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14095.0	180	2015	9	9	<0015-0100>		V/P0N							Swept Pulse Radar 16 PPS	QG22ma	WIA	VK3MV
14098.0	3	2015	9	6	1020		J3E/U							ASIAN	QG62an	WIA	VK4TJ
14100.0		2015	9	6	0735		A1A							NUMBER CIPHER ON TOP OF NCDXF	QG62an	WIA	VK4TJ
14100.0	40	2015	9	4	0820		P0N							OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14100.4	3	2015	9	11	2320		J3E/U							ASIAN	QG62an	WIA	VK4TJ
14105.0	170	2015	9	1	0750		P0N							OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14108		2015	09	27	<0559>	0550	G7DF		330	?	Unid			HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE

14111.0	3	2015	9	7	0940		J3E/U					ASIAN	QG62an	WIA	VK4TJ
14115		2015	09	27	<0559>	0559	G7DF		330	?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
14120.0	15	2015	9	22	0655		P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14124		2015	09	27	<0617>	0617	G7DF		330	?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
14125.0	15	2015	9	13	0555		P0N					OTHR, BURSTS	QG62an	WIA	VK4TJ
14125.0	170	2015	9	9	0020		P0N					OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14128.0	1	2015	9	1	2110		F1B	200				DAILY	QG62an	WIA	VK4TJ
14130.0	170	2015	9	16	0845		P0N					OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14131		2015	09	27	<0618>	0618	G7DF		330	>	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14131.8	3	2015	9	16	2300		J3E/L					ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14133.0		2015	9	5	0635		A1A				8GJW	MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14140.0	15	2015	9	23	0810		P0N					OTHR, BURSTS	QG62an	WIA	VK4TJ
14140		2015	09	27	<0618>	0618	G7DF		330	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14144		2015	09	27	<0615>	0615	G7DF		330	?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
14145.0	15	2015	9	23	0810		P0N					OTHR, BURSTS	QG62an	WIA	VK4TJ
14148.8	3	2015	9	16	2300		J3E/U					ASIAN, SOUNDS	QG62an	WIA	VK4TJ
14152.0	3	2015	9	20	2220		J3E/U					CHINESE	QG62an	WIA	VK4TJ
14160.0	1	2015	9	17	0725		F1B	250				CHINESE - NO CALL SIGNS, EVER	QG62an	WIA	VK4TJ
14160.0	5	2015	9	10	2145		G7D					CONTINUOUS	QG62an	WIA	VK4TJ
												12 SUBCARRIERS ON 200 HZ INTERVALS			
14165.0	170	2015	9	10	0810		P0N					OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14166.0	3	2015	9	11	1005		J3E/U					ASIAN, SOUNDS	QG62an	WIA	VK4TJ
14171		2015	09	27	<0631>	0631	G7DF		330	?	Unid	CHINESE HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14175.0	170	2015	9	3	0950		P0N					OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14181.9	3	2015	9	6	0735		J3E/U					ASIAN, NO CALL SIGNS - EVER	QG62an	WIA	VK4TJ
14189.0	1	2015	9	5	0635		F1B	200				CONTINUOUS	QG62an	WIA	VK4TJ
14189	160	2015	09	27	<0608>	0608-0609	P0N		330	?	Unid	OTHR Widespread 160 kHz S4 10 pps rate 1 minute and 44 seconds Bursts	RF73MF	NZART	ZL1GWE
14203		2015	09	15	<1100-1115>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI	

										LANGUAGE ONLY – 2 OM			
14214.0		2015	9	6	1020	A1A	200			DAILY, LETTER CIPHER	QG62an	WIA	VK4TJ
14214		2015	09	15	<1100- 1115>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14215.0	3	2015	9	23	1010	J3E/U				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14215		2015	09	09	<1000>	1000		?	Unid	Unknown Signal wiped out Maritime Net S9	RF73HM	NZART	ZL3CX
14220.0	20	2015	9	1	2150	P0N				OTHR	QG62an	WIA	VK4TJ
14221.0	1	2015	9	3	2205	F1B				DAILY	QG62an	WIA	VK4TJ
14225.0	20	2015	9	10	0805	P0N				OTHR WITH BEEP TONE	QG62an	WIA	VK4TJ
14230.0	170	2015	9	11	0725	P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
14230.0	20	2015	9	2	0050	P0N				OTHR WITH BEEP TONE	QG62an	WIA	VK4TJ
14233.7	3	2015	9	7	0945	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14235.0	170	2015	9	7	0930	P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
14235.9	3	2015	9	14	0815	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14245.0	170	2015	9	14	2320	P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14251.8		2015	9	16	2305	A1A				MIXED NUMBER/LETTER CIPHER, CHIRP	QG62an	WIA	VK4TJ
14260.0	3	2015	9	17	0715	J3E/U				ASIAN, RELATED TO G7D BELOW	QG62an	WIA	VK4TJ
14261.0	5	2015	9	17	0715	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14265.0	170	2015	9	1	0750	P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14270.0	1	2015	9	18	0820	F1B				SELCALL	QG62an	WIA	VK4TJ
14270		2015	09	15	<1100- 1115>	A1A		UNID	UNID	CYRILLIC TRAFFIC	MK82	ARSI	
14295.0	8	2015	9	7	0945	A3E		TJK		RADIO TADJIKISTAN 3RD HARMONIC	QG62an	WIA	VK4TJ
14301		2015	09	DY	<0715>	0715- 2105		PRC	Unid	Chinese PRC Pips & traffic BPSK signal	RF72LQ	NZART	ZL1BAD
14301.5	5	2015	9	4	0825	G7D				DAILY	QG62an	WIA	VK4TJ
14303.0	3	2015	9	23	0845	J3E/U				ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14310.0	3	2015	9	21	0950	J3E/U				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ

14312.0	5	2015	9	6	2130		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ	
14315.0	1	2015	9	9	0710		F1B			ALE	QG62an	WIA	VK4TJ	
14315.0	15	2015	9	23	0805		P0N			OTHR	QG62an	WIA	VK4TJ	
14315.0	170	2015	9	3	0950		P0N			OTHR	QG62an	WIA	VK4TJ	
14315.0	5	2015	9	6	0740		G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ	
14315.5	3	2015	9	4	0825		J3E/U			ASIAN	QG62an	WIA	VK4TJ	
14320.0	2	2015	9	14	2325		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ	
14325.0		2015	9	21	0950		A1A			MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ	
14333.3	3	2015	9	23	1010		J3E/L			ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ	
14336.0	3	2015	9	3	0910		J3E/L			DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ	
14336.5	3	2015	9	7	0945		J3E/U			DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ	
14343.0		2015	9	1	0800		A1A			MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ	
14347.0	5	2015	9	5	0640		G7D			DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ	
14360.0	170	2015	9	13	0425		P0N			OTHR	QG62an	WIA	VK4TJ	
18070.0	20	2015	9	6	0540		P0N			DAILY, OTHR, CONTINUOUS	QG62an	WIA	VK4TJ	
18070.0	20	2015	9	6	0540		P0N			DAILY, OTHR, CONTINUOUS	QG62an	WIA	VK4TJ	
18075.0	3	2015	9	16	2310		J3E/U			ASIAN	QG62an	WIA	VK4TJ	
18075	250	2015	09	27	<0430>	0430	P0N		?	Unid	OTHR Intermittent	RF72LQ	NZART	ZL1BAD
18081.1	3	2015	9	7	0935		J3E/L			DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ	
18100.0	2	2015	9	8	0130		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ	
18118.0	3	2015	9	30	0820		J3E/L			ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ	
18124.0	5	2015	9	24	0800		G7D			DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ	
18127.0	1	2015	9	16	2315		F1B			BURSTS	QG62an	WIA	VK4TJ	
18131.0	1	2015	9	1	2220		F1B			DAILY, BURSTS	QG62an	WIA	VK4TJ	
21000		2015	09	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL1BAD
21000	250	2015	09	07	<0345>	0345	P0N		?	Unid	OTHR Changes freq frequently. 10 pps	RF72LQ	NZART	ZL1BAD
21005.0	10	2015	9	12	0010		P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ	
21030.0	20	2015	9	5	0630		P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ	

21030	20	2015	09	05	<0642>	0642-0644	P0N	330	CYP	Unid	OTHR continuous Cyprus 50 pps 20 kHz BW S6 with QSB	RF73MF	NZART	ZL1GWE
21112		2015	09	20	<0600>	0600	F1B		?	RDL	RTTY signal Nato CIS-36-50 S5 encrypted with MCW intervals RDL callsign	RF73MF	NZART	ZL1GWE
21113.5	1	2015	9	20	0305		F1B	200	RUS	RDL	DAILY, ID IN MORSE	QG62an	WIA	VK4TJ
21115.0	20	2015	9	13	0300		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21120	20	2015	09	27	<2350>	2350	P0N		?	Unid	OTHR Intermittent	RF72LQ	NZART	ZL1BAD
21125.0	2	2015	9	12	0035		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
21125.0	170	2015	9	7	0345		P0N				OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
21140	20	2015	09	24	<0250>	0250	P0N		?	Unid	OTHR 3 every 1 min.	RF72LQ	NZART	ZL1BAD
21164	10	2015	09	20	<0527>	0527	P0N	330	RUS	Unid	OTHR 1.4 second bursts at S5 and S7-8 bursts 5 seconds 50 pps 49 second gap	RF73MF	NZART	ZL1GWE
21165.0	10	2015	9	20	0635		P0N				OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
21170.0	2	2015	9	22	0210		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
21180.0	2	2015	9	29	0815		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
21185.0	2	2015	9	24	2305		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
21185.0	10	2015	9	12	0010		P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
21186.0		2015	9	12	0010		A1A				MIXED NUMBER/LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
21195.0	2	2015	9	15	0105		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
21200	20	2015	09	DY	Various	Various	P0N		?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)	RF72LQ	NZART	ZL1BAD
21201.0	2	2015	9	14	2355		F1B	1000			BURSTS	QG62an	WIA	VK4TJ
21205.0	15	2015	9	1	2210		VXX				DAILY, CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21205.0	30	2015	9	5	0428>		P0N				Location NW - Persian Gulf	PH92tv	WIA	VK4SWE
21205	10	2015	09	DY	Various	Various	P0N		?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)	RF72LQ	NZART	ZL1BAD
21210.0	15	2015	9	18	0225		VXX				DAILY, CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21215.0	15	2015	9	21	0220		VXX				DAILY, CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21215.0	15	2015	9	6	0305		P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
21215	20	2015	09	18	<0250>	0250	P0N		?	Unid	OTHR 2 every 1 min.	RF72LQ	NZART	ZL1BAD
21215	20	2015	09	24	<2350>	2350	P0N		?	Unid	OTHR every 1 min.	RF72LQ	NZART	ZL1BAD
21220.0	15	2015	9	19	0150		VXX				CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21225.0	15	2015	9	3	0335		VXX				CODAR-LIKE	QG62an	WIA	VK4TJ

21225.0	2	2015	9	6	0235	G7DF				SWEEPS			
21230.0	15	2015	9	18	0505	VXX				MANPACK RADIO	QG62an	WIA	VK4TJ
21230.0	20	2015	9	10	0420	P0N				CODAR-LIKE	QG62an	WIA	VK4TJ
21235.0	15	2015	9	12	0020	VXX				SWEEPS			
21235.0	20	2015	9	5	0625	P0N				OTHR,	QG62an	WIA	VK4TJ
21240.0	15	2015	9	19	0140	VXX				CONTINUOUS			
21245.0	15	2015	9	12	0030	VXX				CODAR-LIKE	QG62an	WIA	VK4TJ
21250.0	20	2015	9	17	0705	P0N				SWEEPS			
21250.0	15	2015	9	12	0025	VXX				OTHR,	QG62an	WIA	VK4TJ
21255.0	15	2015	9	12	0035	VXX				CONTINUOUS			
21255	20	2015	09	29	<2210>	P0N	2210	?	Unid	CODAR-LIKE	QG62an	WIA	VK4TJ
21260.0	15	2015	9	22	0225	VXX				SWEEPS			
21265.0	20	2015	9	8	0055	P0N				OTHR, BURSTS,	QG62an	WIA	VK4TJ
21265.0	15	2015	9	18	2340	VXX				WITH BEEP TONE			
21265.0	10	2015	9	9	0655	P0N				CODAR-LIKE	QG62an	WIA	VK4TJ
21275.0	20	2015	9	7	0035	P0N				SWEEPS			
21275	20	2015	09	22	<0155>	P0N	0155	?	Unid	OTHR, BURSTS, NO	QG62an	WIA	VK4TJ
21280.0	10	2015	9	24	0140	P0N				BEEP TONE			
21285.0	2	2015	9	15	0055	G7DF				OTHR 2 every 1 min.	RF72LQ	NZART	ZL1BAD
21285.0	10	2015	9	7	0230	P0N				OTHR, BURSTS, NO	QG62an	WIA	VK4TJ
21290.0	2	2015	9	24	2255	G7DF				BEEP TONE			
21290.0	10	2015	9	9	0655	P0N				MANPACK RADIO	QG62an	WIA	VK4TJ
21295.0	10	2015	9	8	0100	P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
21300.0	20	2015	9	14	0315	P0N				OTHR, BURSTS,	QG62an	WIA	VK4TJ
21300.0	160	2015	9	10	0200	P0N				WITH BEEP TONE			
21320.0	20	2015	9	5	0625	P0N				OTHR,	QG62an	WIA	VK4TJ
21321.3	3	2015	9	16	2320	J3E/U				CONTINUOUS			
21340.0	2	2015	9	19	0130	G7DF				OTHR, LONG	QG62an	WIA	VK4TJ
21355.0	2	2015	9	12	0030	G7DF				BURSTS			
										OTHR,	QG62an	WIA	VK4TJ
										CONTINUOUS			
										ASIAN FISHBOATS,	QG62an	WIA	VK4TJ
										ENGINE NOISE			
										MANPACK RADIO	QG62an	WIA	VK4TJ
										MANPACK RADIO	QG62an	WIA	VK4TJ

21364	10	2015	09	20	<0547>	0547	P0N	330	?	Unid	OTHR 50 pps S5 plus alternative bursts up to S8 2 second centre pip warm up?	RF73MF	NZART	ZL1GWE
21365.0	10	2015	9	20	0640		P0N				OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
21405.0		2015	9	12	0015		A1A				MIXED NUMBER/LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
21410.0	8	2015	9	9	0650		A3E				SW BROADCAST, CHINESE LANGUAGE	QG62an	WIA	VK4TJ
21450	20	2015	09	18	<0250>	0250	P0N		?	Unid	OTHR 3 every 1 min.	RF72LQ	NZART	ZL1BAD
24887.5	8	2015	9	18	2325		F3E				ASIAN	QG62an	WIA	VK4TJ
24900.0	6	2015	9	4	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
24900		2015	09	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
24925.0	8	2015	9	18	2330		F3E				ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2015	9	6	0215		A3E				ASIAN	QG62an	WIA	VK4TJ
24937.5	8	2015	9	10	0130		F3E				ASIAN	QG62an	WIA	VK4TJ
24950.0	8	2015	9	29	0040		F3E				ASIAN	QG62an	WIA	VK4TJ
24955.0	6	2015	9	6	0215		A3E				ASIAN	QG62an	WIA	VK4TJ
24962.5	8	2015	9	11	2355		F3E				ASIAN	QG62an	WIA	VK4TJ
24965.0	6	2015	9	1	0055		A3E				ASIAN	QG62an	WIA	VK4TJ
24975.0	8	2015	9	4	0020		F3E				ASIAN	QG62an	WIA	VK4TJ
24985.0	6	2015	9	4	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
24987.5	8	2015	9	3	0155		F3E				ASIAN	QG62an	WIA	VK4TJ
28000.0	6	2015	9	4	0130		A3E				ASIAN	QG62an	WIA	VK4TJ
28000		2015	09	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1,6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28005.0	6	2015	9	2	2330		A3E				ASIAN	QG62an	WIA	VK4TJ
28012.5	8	2015	9	2	2330		F3E				ASIAN	QG62an	WIA	VK4TJ
28015.0	6	2015	9	2	2330		A3E				ASIAN	QG62an	WIA	VK4TJ
28025.0	8	2015	9	2	2330		F3E				ASIAN	QG62an	WIA	VK4TJ
28031.0	6	2015	9	29	0025		A3E				ASIAN	QG62an	WIA	VK4TJ
28035.0	6	2015	9	2	2330		A3E				ASIAN	QG62an	WIA	VK4TJ
28037.5	8	2015	9	2	2330		F3E				ASIAN	QG62an	WIA	VK4TJ
28045.0	6	2015	9	3	0150		A3E				ASIAN	QG62an	WIA	VK4TJ
28050.0	8	2015	9	2	2330		F3E				ASIAN	QG62an	WIA	VK4TJ
28055.0	6	2015	9	2	2330		A3E				ASIAN	QG62an	WIA	VK4TJ
28062.5	8	2015	9	2	2330		F3E				ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2015	9	2	2330		A3E				ASIAN	QG62an	WIA	VK4TJ
28075.0	6	2015	9	2	2335		A3E				ASIAN	QG62an	WIA	VK4TJ
28085.0	6	2015	9	2	2335		A3E				ASIAN	QG62an	WIA	VK4TJ
28087.5	8	2015	9	4	0135		F3E				ASIAN	QG62an	WIA	VK4TJ

28095.0	6	2015	9	9	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28100.0	6	2015	9	3	2320	A3E	ASIAN	QG62an	WIA	VK4TJ
28105.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28112.5	8	2015	9	2	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28115.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28125.0	8	2015	9	2	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28135.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28137.5	8	2015	9	9	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
28141.0	6	2015	9	4	0145	A3E	ASIAN	QG62an	WIA	VK4TJ
28145.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28150.0	8	2015	9	2	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28155.0	6	2015	9	3	0145	A3E	ASIAN	QG62an	WIA	VK4TJ
28162.5	8	2015	9	4	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
28165.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28175.0	8	2015	9	2	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28185.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28187.5	8	2015	9	9	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28195.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28200.0	8	2015	9	3	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
28205.0	6	2015	9	3	2325	A3E	ASIAN	QG62an	WIA	VK4TJ
28212.5	8	2015	9	9	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
28215.0	6	2015	9	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2015	9	2	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28235.0	6	2015	9	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28237.5	8	2015	9	2	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28245.0	6	2015	9	3	2330	A3E	ASIAN	QG62an	WIA	VK4TJ
28250.0	8	2015	9	5	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28255.0	6	2015	9	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28262.5	8	2015	9	9	0150	F3E	ASIAN	QG62an	WIA	VK4TJ
28265.0	6	2015	9	2	2335	A3E	ASIAN	QG62an	WIA	VK4TJ
28275.0	8	2015	9	2	2340	F3E	ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2015	9	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28287.5	8	2015	9	2	2340	F3E	ASIAN	QG62an	WIA	VK4TJ
28295.0	6	2015	9	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28300.0	6	2015	9	2	2340	A3E	ASIAN	QG62an	WIA	VK4TJ
28305.0	6	2015	9	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28312.5	8	2015	9	3	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
28315.0	6	2015	9	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28325.0	6	2015	9	2	2340	A3E	ASIAN	QG62an	WIA	VK4TJ
28335.0	6	2015	9	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28337.5	8	2015	9	3	2335	F3E	ASIAN	QG62an	WIA	VK4TJ
28345.0	6	2015	9	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28350.0	6	2015	9	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28355.0	6	2015	9	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28362.5	8	2015	9	20	0045	F3E	ASIAN	QG62an	WIA	VK4TJ

28365.0	6	2015	9	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28375.0	8	2015	9	2	2340	F3E	ASIAN	QG62an	WIA	VK4TJ
28385.0	6	2015	9	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28387.5	8	2015	9	3	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
28400.0	8	2015	9	3	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
28405.0	6	2015	9	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28412.5	8	2015	9	3	2340	F3E	ASIAN	QG62an	WIA	VK4TJ
28415.0	6	2015	9	3	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28425.0	8	2015	9	2	2340	F3E	ASIAN	QG62an	WIA	VK4TJ
28435.0	6	2015	9	3	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28437.5	8	2015	9	9	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
28450.0	6	2015	9	3	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28455.0	6	2015	9	3	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28462.5	8	2015	9	9	0210	F3E	ASIAN	QG62an	WIA	VK4TJ
28465.0	6	2015	9	3	2345	A3E	ASIAN	QG62an	WIA	VK4TJ
28475.0	8	2015	9	3	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28485.0	6	2015	9	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28487.5	8	2015	9	9	0215	F3E	ASIAN	QG62an	WIA	VK4TJ
28500.0	6	2015	9	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28505.0	6	2015	9	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28512.5	8	2015	9	9	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
28515.0	6	2015	9	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28525.0	6	2015	9	2	2340	A3E	ASIAN	QG62an	WIA	VK4TJ
28535.0	6	2015	9	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28537.5	8	2015	9	3	0110	F3E	ASIAN	QG62an	WIA	VK4TJ
28540.0	6	2015	9	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28550.0	6	2015	9	2	2340	A3E	ASIAN	QG62an	WIA	VK4TJ
28555.0	6	2015	9	2	2340	A3E	ASIAN	QG62an	WIA	VK4TJ
28562.5	8	2015	9	3	2345	F3E	ASIAN	QG62an	WIA	VK4TJ
28565.0	6	2015	9	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28575.0	8	2015	9	3	0110	F3E	ASIAN	QG62an	WIA	VK4TJ
28585.0	6	2015	9	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28587.5	8	2015	9	3	0235	F3E	ASIAN	QG62an	WIA	VK4TJ
28595.0	6	2015	9	2	2345	A3E	ASIAN	QG62an	WIA	VK4TJ
28600.0	8	2015	9	2	2345	F3E	ASIAN	QG62an	WIA	VK4TJ
28605.0	6	2015	9	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28612.5	8	2015	9	20	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
28615.0	6	2015	9	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28625.0	8	2015	9	3	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
28635.0	6	2015	9	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28637.5	8	2015	9	3	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
28645.0	6	2015	9	3	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28650.0	8	2015	9	4	0150	F3E	ASIAN	QG62an	WIA	VK4TJ
28655.0	6	2015	9	3	2350	A3E	ASIAN	QG62an	WIA	VK4TJ
28662.5	8	2015	9	20	0035	F3E	ASIAN	QG62an	WIA	VK4TJ

28665.0	6	2015	9	3	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28675.0	6	2015	9	3	2355	A3E	ASIAN	QG62an	WIA	VK4TJ
28685.0	6	2015	9	3	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28687.5	8	2015	9	3	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28695.0	6	2015	9	3	2355	A3E	ASIAN	QG62an	WIA	VK4TJ
28700.0	8	2015	9	2	2345	F3E	ASIAN	QG62an	WIA	VK4TJ
28705.0	6	2015	9	3	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28712.5	8	2015	9	5	0400	F3E	ASIAN	QG62an	WIA	VK4TJ
28715.0	6	2015	9	2	2345	A3E	ASIAN	QG62an	WIA	VK4TJ
28725.0	8	2015	9	2	2345	F3E	ASIAN	QG62an	WIA	VK4TJ
28735.0	6	2015	9	3	2355	A3E	ASIAN	QG62an	WIA	VK4TJ
28737.5	8	2015	9	3	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
28745.0	6	2015	9	2	2345	A3E	ASIAN	QG62an	WIA	VK4TJ
28750.0	8	2015	9	4	0155	F3E	ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2015	9	3	0050	A3E	ASIAN	QG62an	WIA	VK4TJ
28762.5	8	2015	9	3	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2015	9	5	0550	A3E	ASIAN	QG62an	WIA	VK4TJ
28775.0	8	2015	9	3	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
28787.5	8	2015	9	3	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
28795.0	6	2015	9	5	0550	A3E	ASIAN	QG62an	WIA	VK4TJ
28800.0	8	2015	9	3	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
28805.0	6	2015	9	4	0225	A3E	ASIAN	QG62an	WIA	VK4TJ
28812.5	8	2015	9	3	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2015	9	4	0235	A3E	ASIAN	QG62an	WIA	VK4TJ
28825.0	8	2015	9	9	0255	F3E	ASIAN	QG62an	WIA	VK4TJ
28835.0	6	2015	9	4	0240	A3E	ASIAN	QG62an	WIA	VK4TJ
28837.5	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28850.0	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28862.5	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2015	9	4	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
28875.0	8	2015	9	2	2345	F3E	ASIAN	QG62an	WIA	VK4TJ
28887.5	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28905.0	6	2015	9	9	0330	A3E	ASIAN	QG62an	WIA	VK4TJ
28912.5	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28925.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
28937.5	8	2015	9	3	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
28950.0	8	2015	9	3	0035	F3E	ASIAN	QG62an	WIA	VK4TJ
28962.5	8	2015	9	18	2255	F3E	ASIAN	QG62an	WIA	VK4TJ
28975.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
29000.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2015	9	2	2350	A3E	ASIAN	QG62an	WIA	VK4TJ
29010.0	2	2015	9	4	2345	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
29012.5	8	2015	9	3	0035	F3E	ASIAN	QG62an	WIA	VK4TJ
29025.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ

29037.5	8	2015	9	3	0035	F3E	ASIAN	QG62an	WIA	VK4TJ
29050.0	8	2015	9	3	0030	F3E	ASIAN	QG62an	WIA	VK4TJ
29062.5	8	2015	9	3	0030	F3E	ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
29087.5	8	2015	9	3	0030	F3E	ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
29112.5	8	2015	9	20	0035	F3E	ASIAN	QG62an	WIA	VK4TJ
29125.0	8	2015	9	3	0030	F3E	ASIAN	QG62an	WIA	VK4TJ
29137.5	8	2015	9	18	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
29150.0	8	2015	9	3	0025	F3E	ASIAN	QG62an	WIA	VK4TJ
29155.0	2	2015	9	6	0145	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
29155.0	6	2015	9	5	0025	A3E	ASIAN	QG62an	WIA	VK4TJ
29162.5	8	2015	9	3	0025	F3E	ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2015	9	3	0025	F3E	ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2015	9	18	0255	F3E	ASIAN	QG62an	WIA	VK4TJ
29200.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2015	9	3	0025	F3E	ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2015	9	3	0025	F3E	ASIAN	QG62an	WIA	VK4TJ
29237.5	8	2015	9	5	0020	F3E	ASIAN	QG62an	WIA	VK4TJ
29250.0	8	2015	9	2	2350	F3E	ASIAN	QG62an	WIA	VK4TJ
29262.5	8	2015	9	18	0245	F3E	ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2015	9	3	0020	F3E	ASIAN	QG62an	WIA	VK4TJ
29285.0	6	2015	9	30	0205	A3E	ASIAN	QG62an	WIA	VK4TJ
29287.5	8	2015	9	5	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29300.0	8	2015	9	5	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29305.0	6	2015	9	4	0015	A3E	ASIAN	QG62an	WIA	VK4TJ
29312.5	8	2015	9	3	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29315.0	6	2015	9	9	0350	A3E	ASIAN	QG62an	WIA	VK4TJ
29325.0	8	2015	9	2	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29350.0	8	2015	9	3	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29362.5	8	2015	9	5	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29375.0	8	2015	9	5	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29400.0	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29412.5	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29437.5	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29445.0	6	2015	9	5	0005	A3E	ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2015	9	18	0240	F3E	ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2015	9	2	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29487.5	8	2015	9	5	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
29500.0	8	2015	9	4	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29505.0	6	2015	9	4	2355	A3E	ASIAN	QG62an	WIA	VK4TJ
29512.5	8	2015	9	3	0005	F3E	ASIAN	QG62an	WIA	VK4TJ

29515.0	6	2015	9	29	0040	A3E	ASIAN	QG62an	WIA	VK4TJ
29525.0	8	2015	9	3	0005	F3E	ASIAN	QG62an	WIA	VK4TJ
29537.5	8	2015	9	3	0005	F3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	8	2015	9	3	0005	F3E	ASIAN	QG62an	WIA	VK4TJ
29562.5	8	2015	9	3	0235	F3E	ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2015	9	3	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
29587.5	8	2015	9	3	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29600.0	8	2015	9	2	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2015	9	3	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2015	9	2	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29637.5	8	2015	9	3	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
29650.0	8	2015	9	2	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2015	9	3	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2015	9	3	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2015	9	2	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2015	9	3	0000	F3E	ASIAN	QG62an	WIA	VK4TJ