



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



October 2015

Titon Dutono, YB3PET

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

This month there were 642 observations of intruders made across the Region as compared to last month's number of 638.

OTH 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: titondutono@gmail.com

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

Thanks for your support.

Titon YB3PET

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3503.0	5	2015	10	31	1935		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3505		2015	10	20	<1712>	1712	G7D				?	Unid	8 Channel FSK signal turns up on 80 metres	RF80HL	NZART	ZL2IFB
3520.0	3	2015	10	1	1815		J3E/U				JPN		FISHBOATS	QG62an	WIA	VK4TJ
3521.0	1	2015	10	1	1845		F1B						ALE	QG62an	WIA	VK4TJ
3533.0	1	2015	10	1	1845		F1B						IDLING	QG62an	WIA	VK4TJ
3535.0	3	2015	10	1	0935		J3E/U				JPN		FISHBOATS	QG62an	WIA	VK4TJ
3541.0		2015	10	1	0935		A1A						NUMBER CIPHER, CHIRP	QG62an	WIA	VK4TJ
3547.0		2015	10	1	0940		A1A						NUMBER CIPHER, CHIRP	QG62an	WIA	VK4TJ
3552.0	1	2015	10	31	1900		F1B		200				IDLING	QG62an	WIA	VK4TJ
3557.5		2015	10	31	1900		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3560.8	8	2015	10	1	1820		A3E				NKR		SW BROADCAST	QG62an	WIA	VK4TJ
3564.0	5	2015	10	1	1820		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3575.0	3	2015	10	2	9050		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3585.0	3	2015	10	1	0935		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3597.0	3	2015	10	11	1020		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3598.0	5	2015	10	1	1820		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3602.0	8	2015	10	1	1820		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
3608.0		2015	10	1	1845		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3623.0	3	2015	10	1	0935		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3633.0	5	2015	10	1	1820		G7D						INTERSPERSED WITH DITS	QG62an	WIA	VK4TJ
3640.0	3	2015	10	11	1020		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3641.0	1	2015	10	31	1905		F1B						ALE	QG62an	WIA	VK4TJ
3642.0		2015	10	1	1825		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3650.0	150	2015	10	18	1025		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3658.0		2015	10	1	1825		A1A				RUS	V	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
3665.0	8	2015	10	7	0935		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
3677.0	5	2015	10	31	1905		G1D						SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
3694.5		2015	10	1	0940		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3700.0	150	2015	10	21	0955		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3777.0		2015	10	1	1830		A1A					RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3780.0	8	2015	10	31	1905		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
3782.0		2015	10	11	1020		A1A						MIXED	QG62an	WIA	VK4TJ

3796		2015	10	13	<0900>	0900	J3E/L		?	Unid	NUMBER/LETTER CIPHER Non Amateurs S7 audio recording was not good	RE68XL	NZART	ZL2TZE
6999.0	5	2015	10	31	1930		G1D		RUS		MOSCOW BUZZER	QG62an	WIA	VK4TJ
7000.0	3	2015	10	1	0750		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000		2015	10	DY	HX	HX	J3E/L		?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2015	10	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack s 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
7005.0	3	2015	10	1	0930		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2015	10	2	0925		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	10	1	0855		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	10	1	0755		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7012.5		2015	10	29	<0120- 0135>		J3E/U		CLN	UNID	SRI LANKAN TRAWLER IN QSO WITH ANOTHER- 2 OM	MK82	ARSI	
7015.0	3	2015	10	1	0855		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	10	1	0755		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7016.0	1	2015	10	31	1020		F1B	200			CONTINUOUS	QG62an	WIA	VK4TJ
7020.0	3	2015	10	1	0855		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	10	1	0820		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7023.0	3	2015	10	31	1910		J3E/U		INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	10	2015	10	2	2110		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7025.0	3	2015	10	1	0850		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	10	1	0855		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	5	2015	10	31	1910		G1D				SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
7030.0	3	2015	10	2	0930		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	3	2015	10	2	1010		J3E/U		INS		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7035.0	3	2015	10	1	0845		J3E/L		INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.0	3	2015	10	2	0935		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7038.7		2015	10	DY	HX24	HX24	A1A		RUS	RCV	CW Beacon D, Sevastopol	RF72LQ	NZART	ZL1BAD
7038.9		2015	10	DY	HX24	HX24	A1A		RUS	RIT	CW Beacon S,	RF72LQ	NZART	ZL1BAD

7039	0.5	2015	10	07	1210	A1A	37	RUS	K-- signal	Sevromorsk Beacon	PM97	JARL
7039	0.5	2015	10	08	1010	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	08	1940	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	17	1630	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	17	1634	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	18	1020	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	18	1220	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	18	1224	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	18	1610	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	19	1008	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	19	1210	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	19	1214	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	19	1650	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	19	1820	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	19	1824	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1012	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1016	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1220	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1224	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1710	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1834	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	20	1838	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1010	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1014	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1204	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1208	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1710	A1A	37	RUS	K-- signal	Beacon	PM97	JARL

7039	0.5	2015	10	21	1714	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1840	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	21	1844	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	22	1030	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	22	1220	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	22	1224	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	22	1630	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	22	1634	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	22	1850	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	23	1020	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	23	1210	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	23	1640	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	23	1644	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	23	1920	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	24	1016	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	24	1230	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	24	1640	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	24	1644	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	24	1850	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	25	1030	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	25	1220	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	25	1224	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	25	1910	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	26	1020	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	26	1216	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	26	1220	A1A	37	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	26	1620	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2015	10	26	1840	A1A	15	RUS	M--	Beacon	PM97	JARL

7039	0.5	2015	10	27	1610		A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	27	1814		A1A	37	RUS	K-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	28	1010		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	28	1014		A1A	37	RUS	K-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	28	1210		A1A	37	RUS	K-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	28	1630		A1A	37	RUS	K-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	28	1634		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	28	1850		A1A	37	RUS	K-- signal	Beacon	PM97	JARL	
7039	0.5	2015	10	31	1204		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039.2		2015	10	DY	HX24	HX24	A1A		RUS	RIS	CW Beacon F, Vladivostok	RF72LQ	NZART	ZL1BAD
7039.3		2015	10	1	0755		A1A		RUS	K	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	10	1	0755		A1A		RUS	M	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	10	DY	HX24	HX24	A1A		RUS	RTS	CW Beacon M, Magadan	RF72LQ	NZART	ZL1BAD
7040	0.5	2015	10	01	11:24		A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2015	10	02	11:18		A1A				train of " K "	PM84UQ	JARL	
7040	0.5	2015	10	05	11:39		A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2015	10	07	11:47		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	09	11:00		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	10	09:33		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	12	11:46		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	14	12:52		A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2015	10	15	11:26		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	17	13:00		A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2015	10	19	14:30		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	20	12:52		A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2015	10	21	11:12		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	22	12:48		A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2015	10	23	11:49		A1A				train of " K ", " M "	PM84UQ	JARL	
7040	0.5	2015	10	26	11:28		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2015	10	30	12:13		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2015	10	31	12:26		A1A				train of " M "	PM84UQ	JARL	
7051.0	3	2015	10	11	2125		J3E/U				ASIAN	QG62an	WIA	VK4TJ
7052.0	1	2015	10	31	1910		F1B	500			IDLING	QG62an	WIA	VK4TJ
7065.0	10	2015	10	2	2110		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7076.0		2015	10	11	2225		A1A				NUMBER CIPHER	QG62an	WIA	VK4TJ
7080.0	1	2015	10	31	1915		F1A				NUMBER CIPHER	QG62an	WIA	VK4TJ

7085.0	2	2015	10	7	0905	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7092.8	3	2015	10	21	1010	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7095.0	3	2015	10	11	2125	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7100.0		2015	10	21	1010	A1A		RUS	F	HARBOUR BEACON	QG62an	WIA	VK4TJ
7100.0	3	2015	10	1	0950	J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7103.0	1	2015	10	2	0840	F1B				ALE	QG62an	WIA	VK4TJ
7114.2	1	2015	10	5	0945	F1B	200			BURSTS	QG62an	WIA	VK4TJ
7115.0	170	2015	10	12	2155	P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
7116.0		2015	10	5	0940	A1A				LETTER CIPHER	QG62an	WIA	VK4TJ
7120.0	8	2015	10	1	1815	A3E		SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7120	3	2015	10	29	<1638-1645>	A3E		UNID	UNID	STRONG BROADCASTER IN UNID LANGUAGE; SUSPECTED ERITREA	MK82	ARSI	
7123.0		2015	10	2	0845	A1A				DAILY, MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7134.0	1	2015	10	31	1915	F1B	200			LONG BURSTS	QG62an	WIA	VK4TJ
7135.0	3	2015	10	1	1835	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7139.0	1	2015	10	31	1925	F1B				ALE	QG62an	WIA	VK4TJ
7150.0	100	2015	10	31	1915	P0N		CHN		OTHR	QG62an	WIA	VK4TJ
7152.5	3	2015	10	1	1835	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7160.0	3	2015	10	11	1025	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7160.0	8	2015	10	1	1835	VXX				CODAR	QG62an	WIA	VK4TJ
7162.0		2015	10	10	0845	A1A				NUMBER CIPHER	QG62an	WIA	VK4TJ
7171.0	3	2015	10	7	0910	J3E/U				ASIAN FAMILY NET, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
7176.0	1	2015	10	2	2105	F1B	250			CONTINUOUS	QG62an	WIA	VK4TJ
7177.0		2015	10	31	1915	A1A				MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7183.0	5	2015	10	1	1840	G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
7194.0	3	2015	10	31	1915	J3E/U				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7197.0	5	2015	10	1	0955	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7199.0	1	2015	10	31	1920	F1B				ALE	QG62an	WIA	VK4TJ
7200.0	8	2015	10	1	1000	A3E				DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
10100.0	8	2015	10	8	0905	A3E				SW BROADCAST	QG62an	WIA	VK4TJ

14000.0	5	2015	10	18	0750		G1D				SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
14000.0	3	2015	10	5	0955		J3E/U				DAILY, ASIAN	QG62an	WIA	VK4TJ
14000		2015	10	DY	HX	HX	G7DE/F	?	Unid		HF Man Packs 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
14001.0	1	2015	10	5	0805		F1B				ALE	QG62an	WIA	VK4TJ
14001.4	3	2015	10	4	0930		J3E/U				DAILY, ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14005.0	2	2015	10	25	0615		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14005.0		2015	10	4	0925		A1A				MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14008.0	1	2015	10	16	0830		F1B	500				QG62an	WIA	VK4TJ
14008.5	3	2015	10	28	0950		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14010.0	2	2015	10	8	2135		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14010.0	3	2015	10	5	1010		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14014.2	3	2015	10	28	1000		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14020.0	3	2015	10	28	1015		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14024.0	5	2015	10	18	0855		G7D				DOZENS OF CLOSE- SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
14030.0	170	2015	10	22	2210		P0N				OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14030.7	3	2015	10	16	1000		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14032.3	3	2015	10	31	2115		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14035.0	5	2015	10	1	0740		G7D				DOZENS OF SUBCARRIERS ON 38 HZ INTERVALS	QG62an	WIA	VK4TJ
14036.6	3	2015	10	14	2245		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14039.7	3	2015	10	12	2215		J3E/L				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14040.0	3	2015	10	3	0810		J3E/U				DAILY ASIAN	QG62an	WIA	VK4TJ
14041.6	3	2015	10	16	0835		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14045.0	3	2015	10	10	0845		J3E/L				DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14046.0	3	2015	10	3	0800		J3E/U				CHINESE, READING LIST TWICE	QG62an	WIA	VK4TJ
14047.0	5	2015	10	3	0800		G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS, FOLLOWS J3E/U ABOVE	QG62an	WIA	VK4TJ
14048.0	5	2015	10	2	0810		G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14048.0	1	2015	10	2	0815		F1B				ALE	QG62an	WIA	VK4TJ
14048.0	3	2015	10	3	0545		J3E/U		PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050.0	2	2015	10	23	0605		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14050.0	3	2015	10	5	0805		J3E/U				DAILY, CHINESE	QG62an	WIA	VK4TJ

14050.0	5	2015	10	10	0910	G7D				DOZENS OF SUBCARRIERS, PROBABLY ALE FOR SSB ON 14050	QG62an	WIA	VK4TJ
14051.1	3	2015	10	3	2135	J3E/L				ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14052.5	3	2015	10	18	2055	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14058.8	3	2015	10	16	0955	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14060.0	20	2015	10	13	0745	P0N				BURSTS	QG62an	WIA	VK4TJ
14062.7	3	2015	10	25	0920	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14065.0	20	2015	10	29	0715	P0N				CONTINUOUS	QG62an	WIA	VK4TJ
14066		2015	10	11	<1150- 1205>	J3E/L		CLN	UNID	SRI LANKAN TRAWLER IN QSO WITH ANOTHER- 2 OM	MK82	ARSI	
14067.9	3	2015	10	16	0955	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14086.2	3	2015	10	10	2255	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14100.0	3	2015	10	13	0825	J3E/L				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14100		2015	10	12	<0640>	A3E		?	Unid	Broadcast station 15k wide. 2 stns co-chnl	RF72LQ	NZART	ZL1BAD
14108.5	3	2015	10	10	2140	J3E/L				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14111.0	3	2015	10	10	2130	J3E/U				CHINESE, YL	QG62an	WIA	VK4TJ
14112.5	3	2015	10	10	2250	J3E/U				DISTORTED ASIAN, SOUNDS	QG62an	WIA	VK4TJ
14116.0		2015	10	29	0720	A1A				CHINESE MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14120.0	2	2015	10	19	0830	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14120.0	20	2015	10	3	0710	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14125.0	5	2015	10	13	0750	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14130.0	5	2015	10	16	1005	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14132.0	1	2015	10	20	0730	F1B	250			CONTINUOUS	QG62an	WIA	VK4TJ
14136	10	2015	10	07	<0322>	P0N		?	Unid	OTHR Every 1 min.	RF72LQ	NZART	ZL1BAD
14140.0	20	2015	10	31	0610	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14141.7	3	2015	10	10	2255	J3E/U				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14142.1	3	2015	10	16	1010	J3E/U				ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14145.0	3	2015	10	19	0930	J3E/U				ASIAN, SOUNDS BAHASA	QG62an	WIA	VK4TJ
14145.0	2	2015	10	8	2150	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14150.0	20	2015	10	1	1005	P0N				OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14151.0	1	2015	10	19	0935	F1B				ALE, BURSTS	QG62an	WIA	VK4TJ
14165.0	20	2015	10	10	2300	P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ

14165.0	170	2015	10	6	0625		P0N										OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14166.0	3	2015	10	19	0955		J3E/U										ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14173	2	2015	10	9	<1145-1205>		A3E			IND	AIR						Two stations heard-one Akashwani Lucknow while other station transmitting the programme in Russian language	NL06lu	ARSI	
14174.0	5	2015	10	20	0735		G7D										DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14175.0	10	2015	10	19	1010		P0N										OTHR, BURSTS	QG62an	WIA	VK4TJ
14192.0	1	2015	10	19	1025		F1B										CONTINUOUS	QG62an	WIA	VK4TJ
14200.1	3	2015	10	14	2250		J3E/U										ASIAN FISHBOATS, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14206.5	13	2015	10	04	<0456>	0456	P0N			?	Unid						OTHR 50 pps continuous suspect Russian signal S1 to S3	RF73MF	NZART	ZL1GWE
14207.0	14	2015	10	4	0525		P0N										OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14214.0		2015	10	10	0705		A1A										MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14220.0	20	2015	10	9	0450		P0N										OTHR	QG62an	WIA	VK4TJ
14221.0	1	2015	10	19	0410		F1B		200								DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14221		2015	10	26	<0522>	0522	F1B	50	200	330	RUS	Unid					RTTY Military CIS-50-50 S5 encrypted and plenty of idle in-between <EOM>	RF73MF	NZART	ZL1GWE
14222	10	2015	10	30	<2200>	2200	P0N				?	Unid					OTHR every 25 secs - variable spacing	RF72LQ	NZART	ZL1BAD
14222	10	2015	10	30	<2200>	2200	P0N				?	Unid					OTHR every 25 secs	RF72LQ	NZART	ZL1BAD
14225.0	2	2015	10	8	2215		G7DF										MANPACK RADIO	QG62an	WIA	VK4TJ
14225.0	170	2015	10	24	0645		P0N										OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14225.0	20	2015	10	5	0930		P0N										OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14230.0	2	2015	10	8	2215		G7DF										MANPACK RADIO	QG62an	WIA	VK4TJ
14235.9	3	2015	10	1	0805		J3E/U										DAILY, ASIAN	QG62an	WIA	VK4TJ
14238.0	1	2015	10	1	0745		F1B										BURSTS	QG62an	WIA	VK4TJ
14260.6	3	2015	10	12	2215		J3E/L										ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14264.3	3	2015	10	16	1015		J3E/U										ASIAN, SOUNDS HINDI	QG62an	WIA	VK4TJ
14265.0	20	2015	10	26	0755		P0N										DAILY, BURSTS	QG62an	WIA	VK4TJ
14294.0	5	2015	10	29	0745		G7D										DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14295.0	2	2015	10	14	2310		G7DF										MANPACK RADIO	QG62an	WIA	VK4TJ

14295.0	8	2015	10	5	0930		A3E		TJK		RADIO TADJIKISTAN 3RD HARMONIC	QG62an	WIA	VK4TJ
14300.0	20	2015	10	10	2310		P0N				DAILY, BURSTS	QG62an	WIA	VK4TJ
14301	2.2	2015	10	24	<0700>	0700`	G7D	330	PRC	Unid	Chinese BPSK 16 channel S5	RF73MF	NZART	ZL1GWE
14301		2015	10	DY	<0715>	0715- 2105	G7D		PRC	Unid	Chinese BPSK 16 tones Pips & traffic	RF72LQ	NZART	ZL1BAD
14301.5	5	2015	10	1	0750		G7D				DAILY	QG62an	WIA	VK4TJ
14303.0	3	2015	10	11	0910		J3E/U				ASIAN, KIDS TALKING TO DADDY	QG62an	WIA	VK4TJ
14305.0	20	2015	10	14	2250		P0N				BURSTS	QG62an	WIA	VK4TJ
14305		2015	10	07	<0335>	0335	A3E		?	Unid	Broadcast AM-BC Music (Tx. Fault)	RF72LQ	NZART	ZL1BAD
14308.0	1	2015	10	29	0800		F1B				ALE	QG62an	WIA	VK4TJ
14315.0	20	2015	10	23	0750		P0N				BURSTS	QG62an	WIA	VK4TJ
14317.0	3	2015	10	3	0825		J3E/U				ASIAN, KIDS TALKING TO DADDY	QG62an	WIA	VK4TJ
14319.3	3	2015	10	8	2150		J3E/L				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14325.0	2	2015	10	14	2300		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14334.9	3	2015	10	14	2255		J3E/L				ASIAN	QG62an	WIA	VK4TJ
14336.0	3	2015	10	3	0825		J3E/L				DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14336.5	3	2015	10	5	0930		J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14339.0	3	2015	10	31	1925		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14340.0	15	2015	10	30	0635		P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
14340	10	2015	10	10	<2225>	2225	P0N		?	Unid	OTHR Once only	RF72LQ	NZART	ZL1BAD
14343.0	3	2015	10	1	1015		J3E/U				ASIAN	QG62an	WIA	VK4TJ
14346.0		2015	10	28	0915		A1A				MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14385.0	170	2015	10	14	2300		P0N				OTHR	QG62an	WIA	VK4TJ
18070.0	20	2015	10	2	0205		P0N				DAILY, OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18074.0	3	2015	10	11	0105		J3E/U				NUMBER CIPHER IN SPANISH	QG62an	WIA	VK4TJ
18075.0	5	2015	10	22	2300		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
18078	10	2015	10	29	<1035>	1035	P0N		?	Unid	OTHR every 5 secs	RF72LQ	NZART	ZL1BAD
18100.0	3	2015	10	11	0105		J3E/U		INS		BAHASA SPEAKERS	QG62an	WIA	VK4TJ
18100.0	20	2015	10	7	0340		P0N				DAILY, OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18100.0	10	2015	10	9	0110		P0N				DAILY, OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18105.0	100	2015	10	25	0815		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18107		2015	10	29	<1035>	1035	F1B	200	?	Unid	RTTY Idle	RF72LQ	NZART	ZL1BAD
18107.5	1	2015	10	28	0335		F1B	200			CONTINUOUS	QG62an	WIA	VK4TJ

18128.5	107.3	2015	10	26	<0440>	0440-0502	P0N					?	Unid	OTHR S7 Continuous 107.3 kHz wide S7 25 pps - Cyprus? Steady	RF73MF	NZART	ZL1GWE
18130.0	20	2015	10	27	0835		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
18132.0	1	2015	10	25	0515		F1B							SHORT BURSTS	QG62an	WIA	VK4TJ
18161.1	3	2015	10	16	0850		J3E/U							ASIAN, SOUNDS	QG62an	WIA	VK4TJ
18166	5	2015	10	12	<0700>	0700	P0N					?/	Unid	CHINESE			
21000.0	30	2015	10	29	0140		P0N							OTHR only 5 k wide	RF72LQ	NZART	ZL1BAD
21000		2015	10	DY	HX	HX	G7DE/F					?	Unid	OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
														HF Man Packs 1, 6, & 8 PSK	RF72LQ	NZART	ZL1BAD
21000.6	3	2015	10	30	0635		J3E/U							SOUNDS	QG62an	WIA	VK4TJ
21015.0	9	2015	10	30	2145		J3E/U						INS	PORTUGUESE			
														BAHASA - 3RD HARMONIC OF 7005	QG62an	WIA	VK4TJ
21025.0	5	2015	10	15	0210		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
21045.0	15	2015	10	29	0435		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
21112		2015	10	24	<0705>	0750	F1B	50	200	330	RUS		Unid	Russian F1B S6 REA1 encrypted	RF73MF	NZART	ZL1GWE
21113.0	1	2015	10	22	2255		F1B		200					CONTINUOUS	QG62an	WIA	VK4TJ
21160.0	5	2015	10	28	2350		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
21175.0	5	2015	10	12	0245		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
21180.0	5	2015	10	28	0245		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
21183.8	3	2015	10	29	0900		J3E/U							ASIAN	QG62an	WIA	VK4TJ
21185.0	10	2015	10	24	0655		P0N							OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21195.0	5	2015	10	26	0710		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
21200	20	2015	10	DY	Various	Various	P0N					?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)	RF72LQ	NZART	ZL1BAD
21200	20	2015	10	27	0130	0130	P0N					?	Unid	OTHR every 1 min.	RF72LQ	NZART	ZL1BAD
21200.5	1	2015	10	12	0250		G1D							BURSTS	QG62an	WIA	VK4TJ
21205.0	15	2015	10	9	0145		VXX							CODAR-LIKE	QG62an	WIA	VK4TJ
														SWEEPS			
21205	10	2015	10	DY	Various	Various	P0N					?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)	RF72LQ	NZART	ZL1BAD
21206	20	2015	10	13	<0330>	0330	P0N					?	Unid	OTHR Intermittent 7 pps	RF72LQ	NZART	ZL1BAD
21210.0	15	2015	10	28	0300		VXX							CODAR-LIKE	QG62an	WIA	VK4TJ
														SWEEPS			
21214	10	2015	10	04	<0515>	0515	P0N					AUS	Unid	OTHR 37 pps varying rates per burst 1.5 seconds long with pip	RF73MF	NZART	ZL1GWE
														OTHR, BURSTS, WITH BEEP TONE			
21215.0	15	2015	10	4	0330		P0N							MANPACK RADIO	QG62an	WIA	VK4TJ
21215.0	5	2015	10	28	0300		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
21225.0	15	2015	10	9	0150		VXX							CODAR-LIKE	QG62an	WIA	VK4TJ
														SWEEPS			
21226	10	2015	10	29	<2335>	2335	P0N					?	Unid	OTHR variable timing - usually abt 30 secs	RF72LQ	NZART	ZL1BAD

21230.0	15	2015	10	2	0600		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21240.0	15	2015	10	26	0615		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21245.0	15	2015	10	29	0150		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21250.0	10	2015	10	14	2345		P0N			OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21250.0	15	2015	10	28	0300		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21254	10	2015	10	27	<0130>	0130	P0N	?	Unid	OTHR Every 5 secs	RF72LQ	NZART	ZL1BAD
21265.0	10	2015	10	29	0905		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21270.0	15	2015	10	26	0610		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21270.0	10	2015	10	9	0145		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21270	10	2015	10	22	<0130>	0130	P0N	?	Unid	OTHR every 50 secs	RF72LQ	NZART	ZL1BAD
21275.0	10	2015	10	10	0250		P0N			OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21275.0	10	2015	10	14	2350		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21275	10	2015	10	13	<0155>	0155	P0N	?	Unid	OTHR Continuous 100k wide	RF72LQ	NZART	ZL1BAD
21278	10	2015	10	20	<0700>	0700	P0N	?	Unid	OTHR Continuous	RF72LQ	NZART	ZL1BAD
21280.0	15	2015	10	26	0745		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21280.0	10	2015	10	3	0145		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21285.0	10	2015	10	9	0145		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21285.0	15	2015	10	26	0750		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21290.0	15	2015	10	27	0200		VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21295.0	10	2015	10	2	0125		P0N			OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21300.0	5	2015	10	14	2345		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
21320.0	10	2015	10	31	0655		P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
21325.0	170	2015	10	20	0750		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21350.0	5	2015	10	14	2340		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
21350.0	10	2015	10	9	0140		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21360.0	10	2015	10	9	0215		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21385.0	10	2015	10	27	0225		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21390.0	20	2015	10	31	0700		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21390.0	10	2015	10	15	0210		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21395.0	10	2015	10	29	0050		P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ

21400.0	10	2015	10	9	0210		P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21425.0	10	2015	10	9	0130		P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21430.0	15	2015	10	28	0255		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21445.0	5	2015	10	12	0255		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
24895.0	5	2015	10	21	0920		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
24900.0	6	2015	10	7	0135		A3E				ASIAN	QG62an	WIA	VK4TJ
24900		2015	10	DY	HX	HX	G7DE/F	?	Unid		HF Man Packs 1 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
24905.0	6	2015	10	7	0130		A3E				ASIAN	QG62an	WIA	VK4TJ
24912.5	8	2015	10	7	0105		F3E				ASIAN	QG62an	WIA	VK4TJ
24925.0	8	2015	10	6	0425		F3E				ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2015	10	7	0120		A3E				ASIAN	QG62an	WIA	VK4TJ
24937.5	8	2015	10	6	0420		F3E				ASIAN	QG62an	WIA	VK4TJ
24955.0	6	2015	10	3	0130		A3E				ASIAN	QG62an	WIA	VK4TJ
24962.5	8	2015	10	6	0345		F3E				ASIAN	QG62an	WIA	VK4TJ
24965.0	6	2015	10	26	0405		A3E				ASIAN	QG62an	WIA	VK4TJ
24975.0	8	2015	10	7	0105		F3E				ASIAN	QG62an	WIA	VK4TJ
24985.0	6	2015	10	6	0400		A3E				ASIAN	QG62an	WIA	VK4TJ
24987.5	8	2015	10	6	0350		F3E				ASIAN	QG62an	WIA	VK4TJ
28000.0	6	2015	10	2	0305		A3E				ASIAN	QG62an	WIA	VK4TJ
28000		2015	10	DY	HX	HX	G7DE/F	?	Unid		HF Man Packs 1,6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28005.0	6	2015	10	2	2230		A3E				ASIAN	QG62an	WIA	VK4TJ
28008.3		2015	10	26	2305		A1A		4ION		DRIFTNET BEACON	QG62an	WIA	VK4TJ
28012		2015	10	25	<0446>	0446	F3E	CHN	Unid		Non Amateurs S3 FM Chinese	RF73MF	NZART	ZL1GWE
28012.5	8	2015	10	2	0305		F3E				ASIAN	QG62an	WIA	VK4TJ
28015.0	6	2015	10	3	0025		A3E				ASIAN	QG62an	WIA	VK4TJ
28025.0	5	2015	10	27	0900		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
28025.0	8	2015	10	2	0300		F3E				ASIAN	QG62an	WIA	VK4TJ
28035.0	6	2015	10	3	0025		A3E				ASIAN	QG62an	WIA	VK4TJ
28037.5	8	2015	10	20	0245		F3E				ASIAN	QG62an	WIA	VK4TJ
28040.0	6	2015	10	26	0625		A3E				ASIAN	QG62an	WIA	VK4TJ
28040.1		2015	10	26	2310		A1A		4NAY		DRIFTNET BEACON	QG62an	WIA	VK4TJ
28045.0	6	2015	10	3	0025		A3E				ASIAN	QG62an	WIA	VK4TJ
28050.0	8	2015	10	2	0310		F3E				ASIAN	QG62an	WIA	VK4TJ
28055.0	6	2015	10	3	0025		A3E				ASIAN	QG62an	WIA	VK4TJ
28062.5	8	2015	10	20	0250		F3E				ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2015	10	3	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28075.0	6	2015	10	2	0315		A3E				ASIAN	QG62an	WIA	VK4TJ
28075		2015	10	25	<0447>	0447	F3E	CHN	Unid		Non Amateurs S4 FM Chinese	RF73MF	NZART	ZL1GWE
28085.0	6	2015	10	3	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28087.5	8	2015	10	20	0250		F3E				ASIAN	QG62an	WIA	VK4TJ
28090.0	20	2015	10	26	0655		P0N				OTHR	QG62an	WIA	VK4TJ

28095.0	6	2015	10	31	0115	A3E				ASIAN	QG62an	WIA	VK4TJ	
28100.0	8	2015	10	2	0325	F3E				ASIAN	QG62an	WIA	VK4TJ	
28105.0	6	2015	10	3	0030	A3E				ASIAN	QG62an	WIA	VK4TJ	
28112.5	8	2015	10	2	0325	F3E				ASIAN	QG62an	WIA	VK4TJ	
28115.0	6	2015	10	3	0020	A3E				ASIAN	QG62an	WIA	VK4TJ	
28125.0	8	2015	10	2	2235	F3E				ASIAN	QG62an	WIA	VK4TJ	
28125		2015	10	25	<0448>	F3E	0448		CHN	Unid	Non Amateurs S3 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28135.0	6	2015	10	3	0020	A3E				ASIAN	QG62an	WIA	VK4TJ	
28137.5	8	2015	10	2	0330	F3E				ASIAN	QG62an	WIA	VK4TJ	
28145.0	6	2015	10	3	0015	A3E				ASIAN	QG62an	WIA	VK4TJ	
28150.0	8	2015	10	2	0340	F3E				ASIAN	QG62an	WIA	VK4TJ	
28155.0	6	2015	10	17	2350	A3E				ASIAN	QG62an	WIA	VK4TJ	
28160.0	6	2015	10	30	0330	A3E				ASIAN	QG62an	WIA	VK4TJ	
28162.5	8	2015	10	2	2235	F3E				ASIAN	QG62an	WIA	VK4TJ	
28165.0	6	2015	10	17	2350	A3E				ASIAN	QG62an	WIA	VK4TJ	
28175.0	8	2015	10	3	0015	F3E				ASIAN	QG62an	WIA	VK4TJ	
28175		2015	10	25	<0440>	F3E	0440		CHN	Unid	Non Amateur S4 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28182		2015	10	25	<0444>	F3E	0444		CHN	Unid	Non Amateurs S3 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28185.0	6	2015	10	18	0000	A3E				ASIAN	QG62an	WIA	VK4TJ	
28187.5	8	2015	10	3	0015	F3E				ASIAN	QG62an	WIA	VK4TJ	
28195.0	6	2015	10	3	0035	A3E				ASIAN	QG62an	WIA	VK4TJ	
28200.0	8	2015	10	3	0015	F3E				ASIAN	QG62an	WIA	VK4TJ	
28200		2015	10	25	<0459>	F3E	0429		CHN	Unid	Non Amateurs S3 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28205.0	6	2015	10	18	0000	A3E				ASIAN	QG62an	WIA	VK4TJ	
28210.0	20	2015	10	24	0715	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ	
28212.5	8	2015	10	15	0350	F3E				ASIAN	QG62an	WIA	VK4TJ	
28215.0	6	2015	10	3	0035	A3E				ASIAN	QG62an	WIA	VK4TJ	
28225.0	8	2015	10	3	0015	F3E				ASIAN	QG62an	WIA	VK4TJ	
28230.0	8	2015	10	31	2205	F3E				ASIAN	QG62an	WIA	VK4TJ	
28235.0	6	2015	10	3	2240	A3E				ASIAN	QG62an	WIA	VK4TJ	
28237.5	8	2015	10	3	0035	F3E				ASIAN	QG62an	WIA	VK4TJ	
28240.0		2015	10	26	2350	A1A			5AJS	DRIFTNET BEACON	QG62an	WIA	VK4TJ	
28245.0	6	2015	10	3	0035	A3E				ASIAN	QG62an	WIA	VK4TJ	
28250.0	8	2015	10	2	2240	F3E				ASIAN	QG62an	WIA	VK4TJ	
28250		2015	10	25	<0439>	F3E	0439		CHN	Unid	Non Amateur S3 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28255.0	6	2015	10	3	0010	A3E				ASIAN	QG62an	WIA	VK4TJ	
28262.5	8	2015	10	20	0250	F3E				ASIAN	QG62an	WIA	VK4TJ	
28265.0	6	2015	10	18	0000	A3E				ASIAN	QG62an	WIA	VK4TJ	
28275.0	8	2015	10	2	2240	F3E				ASIAN	QG62an	WIA	VK4TJ	
28282.7	3	2015	10	20	2220	J3E/L				ASIAN, SOUNDS	QG62an	WIA	VK4TJ	

28285.0	6	2015	10	2	2240		A3E			CHINESE				
28287		2015	10	25	<0451>	0451	F3E	CHN	Unid	ASIAN	QG62an	WIA	VK4TJ	
										Non Amateurs S3 FM	RF73MF	NZART	ZL1GWE	
										Chinese speakers				
28287.5	8	2015	10	18	0110		F3E			ASIAN	QG62an	WIA	VK4TJ	
28295.0	6	2015	10	3	0040		A3E			ASIAN	QG62an	WIA	VK4TJ	
28300.0	6	2015	10	3	0005		A3E			ASIAN	QG62an	WIA	VK4TJ	
28305.0	6	2015	10	2	2240		A3E			ASIAN	QG62an	WIA	VK4TJ	
28312.5	8	2015	10	3	0005		F3E			ASIAN	QG62an	WIA	VK4TJ	
28315.0	6	2015	10	5	0020		A3E			ASIAN	QG62an	WIA	VK4TJ	
28325.0	6	2015	10	3	0005		A3E			ASIAN	QG62an	WIA	VK4TJ	
28335.0	6	2015	10	3	0005		A3E			ASIAN	QG62an	WIA	VK4TJ	
28337.5	8	2015	10	2	2240		F3E			ASIAN	QG62an	WIA	VK4TJ	
28350.0	6	2015	10	3	0005		A3E			ASIAN	QG62an	WIA	VK4TJ	
28350		2015	10	25	<0438>	0438	F3E	CHN	Unid	Non Amateurs S3 FM	RF73MF	NZART	ZL1GWE	
										Chinese speakers				
28355.0	6	2015	10	3	0045		A3E			ASIAN	QG62an	WIA	VK4TJ	
28362.5	8	2015	10	2	2240		F3E			ASIAN	QG62an	WIA	VK4TJ	
28365.0	6	2015	10	5	0150		A3E			ASIAN	QG62an	WIA	VK4TJ	
28368.5	3	2015	10	31	2210		J3E/U			ASIAN, SOUNDS	QG62an	WIA	VK4TJ	
										CHINESE, NO CALL				
										SIGNS EVER				
28375.0	8	2015	10	2	2240		F3E			ASIAN	QG62an	WIA	VK4TJ	
28385.0	6	2015	10	3	0045		A3E			ASIAN	QG62an	WIA	VK4TJ	
28387.5	8	2015	10	3	0005		F3E			ASIAN	QG62an	WIA	VK4TJ	
28395.0	6	2015	10	20	2220		A3E			ASIAN	QG62an	WIA	VK4TJ	
28400.0	8	2015	10	2	2240		F3E			ASIAN	QG62an	WIA	VK4TJ	
28400		2015	10	25	<0530>	0530	F3E	CHN	Unid	Non Amateurs S3 FM	RF73MF	NZART	ZL1GWE	
										Chinese speakers				
28405.0	6	2015	10	5	0200		A3E			ASIAN	QG62an	WIA	VK4TJ	
28412.5	8	2015	10	3	0000		F3E			ASIAN	QG62an	WIA	VK4TJ	
28415.0	6	2015	10	5	0200		A3E			ASIAN	QG62an	WIA	VK4TJ	
28425.0	8	2015	10	2	2240		F3E			ASIAN	QG62an	WIA	VK4TJ	
28435.0	6	2015	10	5	0205		A3E			ASIAN	QG62an	WIA	VK4TJ	
28437.5	8	2015	10	3	0000		F3E			ASIAN	QG62an	WIA	VK4TJ	
28450.0	6	2015	10	3	0000		A3E			ASIAN	QG62an	WIA	VK4TJ	
28455.0	6	2015	10	3	0000		A3E			ASIAN	QG62an	WIA	VK4TJ	
28462.5	8	2015	10	15	0340		F3E			ASIAN	QG62an	WIA	VK4TJ	
28465.0	6	2015	10	5	0205		A3E			ASIAN	QG62an	WIA	VK4TJ	
28475.0	8	2015	10	2	2355		F3E			ASIAN	QG62an	WIA	VK4TJ	
28485.0	6	2015	10	5	0205		A3E			ASIAN	QG62an	WIA	VK4TJ	
28487.5	8	2015	10	2	2355		F3E			ASIAN	QG62an	WIA	VK4TJ	
28490.0	6	2015	10	24	0510		A3E			ASIAN	QG62an	WIA	VK4TJ	
28500.0	8	2015	10	2	2355		F3E			ASIAN	QG62an	WIA	VK4TJ	
28505.0	6	2015	10	3	0055		A3E			ASIAN	QG62an	WIA	VK4TJ	

28512.5	8	2015	10	26	0635	F3E			ASIAN	QG62an	WIA	VK4TJ	
28515.0	6	2015	10	3	0055	A3E			ASIAN	QG62an	WIA	VK4TJ	
28525.0	6	2015	10	2	2355	A3E			ASIAN	QG62an	WIA	VK4TJ	
28535.0	6	2015	10	5	0205	A3E			ASIAN	QG62an	WIA	VK4TJ	
28537.5	8	2015	10	5	0205	F3E			ASIAN	QG62an	WIA	VK4TJ	
28550.0	6	2015	10	2	2245	A3E			ASIAN	QG62an	WIA	VK4TJ	
28555.0	5	2015	10	27	0150	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ	
28555.0	6	2015	10	2	2350	A3E			ASIAN	QG62an	WIA	VK4TJ	
28560.0	5	2015	10	29	0205	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ	
28562.5	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28565.0	6	2015	10	3	0100	A3E			ASIAN	QG62an	WIA	VK4TJ	
28575.0	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28585.0	6	2015	10	3	0140	A3E			ASIAN	QG62an	WIA	VK4TJ	
28587.5	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28595.0	6	2015	10	2	2350	A3E			ASIAN	QG62an	WIA	VK4TJ	
28600.0	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28605.0	6	2015	10	2	2245	A3E			ASIAN	QG62an	WIA	VK4TJ	
28612.5	8	2015	10	3	0105	F3E			ASIAN	QG62an	WIA	VK4TJ	
28615.0	6	2015	10	3	0105	A3E			ASIAN	QG62an	WIA	VK4TJ	
28625.0	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28635.0	6	2015	10	5	0210	A3E			ASIAN	QG62an	WIA	VK4TJ	
28637.5	8	2015	10	15	0330	F3E			ASIAN	QG62an	WIA	VK4TJ	
28640.0	6	2015	10	26	0645	A3E			ASIAN	QG62an	WIA	VK4TJ	
28645.0	6	2015	10	3	0105	A3E			ASIAN	QG62an	WIA	VK4TJ	
28649	14	2015	10	25	<0545>	P0N	0545	?	Unid	Angular bursts of Radar 1 second bursts with 8- 9 pulses S2	RF73MF	NZART	ZL1GWE
28650.0	8	2015	10	2	2345	F3E			ASIAN	QG62an	WIA	VK4TJ	
28655.0	6	2015	10	3	0105	A3E			ASIAN	QG62an	WIA	VK4TJ	
28662.5	8	2015	10	5	0210	F3E			ASIAN	QG62an	WIA	VK4TJ	
28665.0	6	2015	10	2	2345	A3E			ASIAN	QG62an	WIA	VK4TJ	
28675.0	6	2015	10	3	2345	A3E			ASIAN	QG62an	WIA	VK4TJ	
28680.0	6	2015	10	22	2225	A3E			ASIAN	QG62an	WIA	VK4TJ	
28685.0	6	2015	10	2	2340	A3E			ASIAN	QG62an	WIA	VK4TJ	
28687.5	8	2015	10	2	2340	F3E			ASIAN	QG62an	WIA	VK4TJ	
28695.0	6	2015	10	3	0110	A3E			ASIAN	QG62an	WIA	VK4TJ	
28700.0	8	2015	10	2	2340	F3E			ASIAN	QG62an	WIA	VK4TJ	
28705.0	6	2015	10	3	0105	A3E			ASIAN	QG62an	WIA	VK4TJ	
28712.5	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28715.0	6	2015	10	2	0110	A3E			ASIAN	QG62an	WIA	VK4TJ	
28715	10.6	2015	10	25	<0534>	VXX	0540	?	Unid	CODAR type 10.6 kHz wide 3 pps S3 on transmission	RF73MF	NZART	ZL1GWE
28725.0	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	
28735.0	6	2015	10	3	0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28737.5	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ	

28745.0	6	2015	10	5	0210	A3E			ASIAN	QG62an	WIA	VK4TJ
28750.0	8	2015	10	2	2340	F3E			ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2015	10	3	0110	A3E			ASIAN	QG62an	WIA	VK4TJ
28762.5	8	2015	10	2	2340	F3E			ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2015	10	5	0210	A3E			ASIAN	QG62an	WIA	VK4TJ
28770.0	20	2015	10	24	0540	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
28775.0	20	2015	10	23	0800	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
28775.0	8	2015	10	2	2245	F3E			ASIAN	QG62an	WIA	VK4TJ
28775		2015	10`	26	<0432>	F3E	0432	CHN	Unid	Non Amateurs S5 FM Chinese speakers	RF73MF	NZART ZL1GWE
28785.0	6	2015	10	20	0335	A3E			ASIAN	QG62an	WIA	VK4TJ
28787.5	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28795.0	6	2015	10	26	0250	A3E			ASIAN	QG62an	WIA	VK4TJ
28800.0	8	2015	10	2	2340	F3E			ASIAN	QG62an	WIA	VK4TJ
28805.0	6	2015	10	26	0645	A3E			ASIAN	QG62an	WIA	VK4TJ
28812.5	8	2015	10	15	0320	F3E			ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2015	10	21	0120	A3E			ASIAN	QG62an	WIA	VK4TJ
28825.0	8	2015	10	2	2335	F3E			ASIAN	QG62an	WIA	VK4TJ
28835.0	6	2015	10	5	0225	A3E			ASIAN	QG62an	WIA	VK4TJ
28837.5	8	2015	10	15	0330	F3E			ASIAN	QG62an	WIA	VK4TJ
28850.0	200	2015	10	23	0820	P0N		IRN	OTHR	QG62an	WIA	VK4TJ
28850.0	8	2015	10	2	2335	F3E			ASIAN	QG62an	WIA	VK4TJ
28850.3	6	2015	10	25	0220	A3E			ASIAN MUSIC	QG62an	WIA	VK4TJ
28855.0	6	2015	10	23	0830	A3E			ASIAN	QG62an	WIA	VK4TJ
28862.5	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2015	10	2	2335	A3E			ASIAN	QG62an	WIA	VK4TJ
28875.0	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28885.0	6	2015	10	20	2325	A3E			ASIAN	QG62an	WIA	VK4TJ
28887.5	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28895.0	6	2015	10	23	0840	A3E			ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28900		2015	10	25	<0557>	F3E	0557	CHN	Unid	Non Amateurs S3 FM Chinese speakers	RF73MF	NZART ZL1GWE
28905.0	6	2015	10	20	2230	A3E			ASIAN	QG62an	WIA	VK4TJ
28912.5	8	2015	10	18	0240	F3E			ASIAN	QG62an	WIA	VK4TJ
28915.0	6	2015	10	18	0245	A3E			ASIAN	QG62an	WIA	VK4TJ
28920.0	6	2015	10	31	2225	A3E			ASIAN	QG62an	WIA	VK4TJ
28925.0	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28925		2015	10	25	<0552>	F3E	0552	CHN	Unid	Non Amateurs S4 FM Chinese speakers	RF73MF	NZART ZL1GWE
28930.0	6	2015	10	31	2225	A3E			ASIAN	QG62an	WIA	VK4TJ
28935.0	6	2015	10	20	2225	A3E			ASIAN	QG62an	WIA	VK4TJ
28937.5	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ
28950.0	8	2015	10	2	2250	F3E			ASIAN	QG62an	WIA	VK4TJ

28950		2015	10	26	<0434>	0434	F3E	CHN	Unid	Non Amateurs S3 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28955.0	6	2015	10	23	0840		A3E			ASIAN	QG62an	WIA	VK4TJ
28962.5	8	2015	10	2	2335		F3E			ASIAN	QG62an	WIA	VK4TJ
28965.0	6	2015	10	23	0845		A3E			ASIAN	QG62an	WIA	VK4TJ
28975.0	8	2015	10	2	2330		F3E			ASIAN	QG62an	WIA	VK4TJ
28975		2015	10	25	<0555>	0555	F3E	CHN	Unid	Non Amateurs S4 FM Chinese speakers	RF73MF	NZART	ZL1GWE
28985.0	6	2015	10	23	0845		A3E			ASIAN	QG62an	WIA	VK4TJ
28987.5	8	2015	10	2	2250		F3E			ASIAN	QG62an	WIA	VK4TJ
29000.0	8	2015	10	2	2250		F3E			ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2015	10	23	2330		A3E			ASIAN	QG62an	WIA	VK4TJ
29012.5	8	2015	10	2	2330		F3E			ASIAN	QG62an	WIA	VK4TJ
29015.0	6	2015	10	5	0300		A3E			ASIAN	QG62an	WIA	VK4TJ
29025.0	8	2015	10	2	2250		F3E			ASIAN	QG62an	WIA	VK4TJ
29035.0	6	2015	10	23	2335		A3E			ASIAN	QG62an	WIA	VK4TJ
29037.5	8	2015	10	2	2330		F3E			ASIAN	QG62an	WIA	VK4TJ
29045.0	6	2015	10	23	0905		A3E			ASIAN	QG62an	WIA	VK4TJ
29050.0	8	2015	10	2	2330		F3E			ASIAN	QG62an	WIA	VK4TJ
29062.5	8	2015	10	5	0305		F3E			ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2015	10	2	2250		F3E			ASIAN	QG62an	WIA	VK4TJ
29095.0	6	2015	10	31	2255		A3E			ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2015	10	2	2325		F3E			ASIAN	QG62an	WIA	VK4TJ
29105.0	6	2015	10	24	0005		A3E			ASIAN	QG62an	WIA	VK4TJ
29112.5	8	2015	10	2	2325		F3E			ASIAN	QG62an	WIA	VK4TJ
29125.0	8	2015	10	2	2250		F3E			ASIAN	QG62an	WIA	VK4TJ
29137.5	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29145.0	6	2015	10	5	0320		A3E			ASIAN	QG62an	WIA	VK4TJ
29150.0	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29155.0	6	2015	10	5	0320		A3E			ASIAN	QG62an	WIA	VK4TJ
29162.5	8	2015	10	2	2325		F3E			ASIAN	QG62an	WIA	VK4TJ
29165.0	6	2015	10	5	0320		A3E			ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29200.0	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29205.0	6	2015	10	24	0140		A3E			ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29235.0	6	2015	10	24	0150		A3E			ASIAN	QG62an	WIA	VK4TJ
29237.5	8	2015	10	2	2325		F3E			ASIAN	QG62an	WIA	VK4TJ
29250.0	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29262.5	8	2015	10	4	0235		F3E			ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29287.5	8	2015	10	2	2255		F3E			ASIAN	QG62an	WIA	VK4TJ
29300.0	8	2015	10	2	2300		F3E			ASIAN	QG62an	WIA	VK4TJ

29305.0	6	2015	10	2	2320	A3E	ASIAN	QG62an	WIA	VK4TJ
29312.5	8	2015	10	15	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
29315.0	6	2015	10	2	2320	A3E	ASIAN	QG62an	WIA	VK4TJ
29325.0	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29337.5	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29350.0	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29362.5	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29375.0	8	2015	10	2	2320	F3E	ASIAN	QG62an	WIA	VK4TJ
29385.0	6	2015	10	31	2250	A3E	ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29400.0	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29412.5	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2015	10	4	0210	F3E	ASIAN	QG62an	WIA	VK4TJ
29437.5	8	2015	10	2	2300	F3E	ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2015	10	2	2320	F3E	ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2015	10	4	0540	F3E	ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29480.0	25	2015	10	26	0700	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
29487.5	8	2015	10	2	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29500.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29512.5	8	2015	10	4	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
29525.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29537.5	8	2015	10	3	0330	F3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	8	2015	10	2	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29562.5	8	2015	10	2	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29587.5	8	2015	10	2	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29590.0	20	2015	10	23	0815	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
29600.0	8	2015	10	3	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29605.0	6	2015	10	31	2240	A3E	ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2015	10	2	2310	F3E	ASIAN	QG62an	WIA	VK4TJ
29615.0	6	2015	10	2	2305	A3E	ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2015	10	2	2310	F3E	ASIAN	QG62an	WIA	VK4TJ
29637.5	8	2015	10	31	2240	F3E	ASIAN	QG62an	WIA	VK4TJ
29650.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2015	10	2	2310	F3E	ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2015	10	3	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2015	10	2	2305	F3E	ASIAN	QG62an	WIA	VK4TJ