



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



April 2015

Peter Young VK3MV

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

This month there were 840 observations of intruders made across the Region as compared to last month's number of 480.

Reports have been received of a Beacon like emission on 14300kHz consisting of one second CW pulses with random data bursts. The transmissions have caused interference to the Nepal quake disaster recovery operations. Additional reports would be appreciated. This intruder has been reported to the Australian Regulatory.

OHR systems continue to be the most prominent intruders, on 10, 15 and 20 meters and to a lesser extent on 40 meters. These intrusions are ongoing despite repeated reports to regulatory authorities.

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

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

Thank you to all the regional observers for their reports, these reports are needed, and really appreciated. Keep them coming. Monitoring reports can also be sent directly to me, if you don't have a national monitoring coordinator.

For those who would like a CSV file of data please email me at: vk3mv@wia.org.au

Peter – VK3MV

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500.0	1	2015	4	1	1940		F1B		500				CONTINUOUS	QG62an	WIA	VK4TJ
3530.0	150	2015	4	28	1020		P0N						OTHR,	QG62an	WIA	VK4TJ
3553	0.5	2015	04	14	12:54		J3E						CONTINUOUS Japanese popular song with no call	PM84UQ	JARL	
3555	70	2015	04	12	<1843>	843	P0N				?	Unid	OTHR Continuous S9+5dB 44pps music with no call	RF80H	NZART	ZL2IFB
3574	3.0	2015	04	08	12:42		J3E							PM84UQ	JARL	
3580.0	150	2015	4	11	0950		P0N						OTHR,	QG62an	WIA	VK4TJ
3585.0	3	2015	4	11	0940		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3623.0	3	2015	4	1	1940		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3632.6		2015	4	11	1945		A1A					E	PERIODIC DASH AS WELL	QG62an	WIA	VK4TJ
3642.0		2015	4	11	1945		A1A					DKG6	CALLING 3A7D	QG62an	WIA	VK4TJ
3650.0	150	2015	4	12	1005		P0N						OTHR,	QG62an	WIA	VK4TJ
3650.0		2015	4	1	1940		A1A						CONTINUOUS MIXED NUMBER/LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3680.0	150	2015	4	25	1930		P0N						OTHR,	QG62an	WIA	VK4TJ
3691.0		2015	4	28	1020		A1A					JJT88R	CONTINUOUS QRK	QG62an	WIA	VK4TJ
3705	0.5	2015	04	13	12:52		A1A						random number	PM84UQ	JARL	
3706	0.5	2015	04	08	12:47		A1A						random number(...47 3ad ua5n3n 6ata5a7...)	PM84UQ	JARL	
3706	0.5	2015	04	11	11:20		A1A						random number(...t334n tn5 an 3ad ua67d5...)	PM84UQ	JARL	
3777.0		2015	4	1	1935		A1A					RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3791.0		2015	4	1	1935		A1A						MIXED NUMBER/LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3799.0	5	2015	4	11	1950		G7D						BURSTS	QG62an	WIA	VK4TJ
3800.0	150	2015	4	1	1935		P0N						OTHR,	QG62an	WIA	VK4TJ
6930.0	150	2015	4	1	1945		P0N						CONTINUOUS OTHR,	QG62an	WIA	VK4TJ
7000.0	3	2015	4	2	0930		J3E/U				INS		CONTINUOUS DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000		2015	04	DY	HX	HX	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD

7000		2015	04	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
7005.0	3	2015	4	10	0905		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2015	4	2	0945		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	4	10	0900		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	4	2	0955		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010		2015	04	12	<1950>	1950- 2045	J3E/L	IND	Unid	Non Amateurs S9 + 10 dB Indonesian Males talking	RF89HL	NZART	ZL2IFB
7015.0	3	2015	4	2	0930		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	4	2	0930		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	4	2	0930		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	4	2	1010		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	4	2	0930		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	4	13	0825		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	3	2015	4	2	0930		J3E/L	INS		DAILY, VILLAGE RADIO, SINGING	QG62an	WIA	VK4TJ
7030.0	2	2015	4	2	1020		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
7035.0	3	2015	4	14	0920		J3E/L	INS		DAILY, VILLAGE RADIO, SINGING	QG62an	WIA	VK4TJ
7036		2015	04	05	<1910>	1910	F1B	?	Unid	RTTY Idling. Cuts carrier between transmissions.	RF72LQ	NZART	ZL1BAD
7038.6		2015	4	1	1945		A1A	RUS	D	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7038.8		2015	04	30	<2115-2150>		A1A	RUS	F,C,D	SINGLE LETTER BEACONS	MK82	ARSI	
7038.9		2015	4	25	1935		A1A	RUS	S	HARBOUR BEACON	QG62an	WIA	VK4TJ
7039	0.5	2015	04	01	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1014		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1220		A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1224		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1620		A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1624		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1810		A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	1814		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	01	2008		A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	1014		A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	1216		A1A	321	RUS	F--signal	Beacon	PM97	JARL

7039	0.5	2015	04	02	1220	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	1634	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	02	2010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	03	2010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1012	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1016	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1220	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1224	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1614	A1A	37	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	04	1824	A1A	37	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	05	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	05	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	05	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	05	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	06	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	06	1024	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	06	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	06	1234	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	06	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	06	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1214	A1A	37	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1634	A1A	37	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	1844	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	2030	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	07	2034	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1008	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1214	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1606	A1A	321	RUS	F--signal	Beacon	PM97	JARL

7039	0.5	2015	04	08	1610	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	08	1834	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1224	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1614	A1A	37	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	09	1834	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1640	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1644	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1820	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	1824	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	10	2010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	11	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	11	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	11	1202	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	11	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	11	1640	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	11	1820	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1224	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1640	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1644	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1930	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	12	1934	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	13	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	13	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	13	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	13	1214	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	13	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	13	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL

7039	0.5	2015	04	14	1234	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	14	1710	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	14	1714	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	14	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	14	1844	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1214	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1624	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	15	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1224	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1640	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1644	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1912	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	16	1916	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1218	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1222	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1634	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	17	1910	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	18	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	18	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	18	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	18	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	18	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	19	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	19	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	19	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	19	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1010	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1914	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1214	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1614	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	20	1824	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL

7039	0.5	2015	04	21	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1202	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1206	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1612	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1822	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	04	21	1824	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	22	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	22	1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	22	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	22	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	22	2010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	23	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	23	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	23	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	23	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	24	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	24	1204	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	24	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	24	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	24	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	25	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	25	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	25	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	25	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	26	1018	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	26	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	26	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	26	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	27	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	27	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	27	1612	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	27	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	28	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	28	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	28	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	28	1624	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	28	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	28	1844	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	04	29	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	29	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	29	1602	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	04	29	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2015	04	29	1830		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	29	1834		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	30	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	30	1220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	30	1620		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	30	1624		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	30	1830		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2015	04	30	1832		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039		2015	04	DY	HX24	HX24	A1A		RUS	D	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2015	04	DY	HX24	HX24	A1A		RUS	M	CW Beacon QTH Vladivostok	RF72LQ	NZART	ZL1BAD
7039		2015	04	DY	HX24	HX24	A1A		RUS	F	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2015	04	DY	HX24	HX24	A1A		RUS	K	CW Beacon	RF72LQ	NZART	ZL1BAD
7039		2015	04	DY	HX24	HX24	A1A		RUS	C	CW Beacon	RF72LQ	NZART	ZL1BAD
7039.2		2015	4	1	1945		A1A		RUS	F	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.3		2015	4	2	0935		A1A		RUS	K	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	4	1	1945		A1A		RUS	M	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	04	29	<1818>	1818	A1A		RUS	F	CW Beacon S3	RF73MF	NZART	ZL1GWE
7039.6		2015	04	29	<1822>	1822	A1A		RUS	M	CW Beacon S3	RF72MF	NZART	ZL1GWE
7040.0	2	2015	4	14	0920		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7040	0.5	2015	04	01	10:25		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	01	11:32		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	06	12:40		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	08	13:12		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	11	11:46		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	12	12:32		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	14	12:57		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	17	12:17		A1A				train of "F","K","M"	PM84UQ	JARL	
7040	0.5	2015	04	23	11:12		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	04	26	13:23		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	04	27	10:43		A1A				train of "F","K"	PM84UQ	JARL	
7040	0.5	2015	04	28	11:13		A1A				train of " F ", "M"	PM84UQ	JARL	
7040	0.5	2015	04	22	11:47		A1A				train of "F","M","K"	PM84UQ	JARL	
7055.0	2	2015	4	17	0635		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7070.0	20	2015	4	4	2135		P0N				OTHR	QG62an	WIA	VK4TJ
7070	30	2015	04	03	<1940>	1940	P0N		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7070	30	2015	04	13	<1925>	1925	P0N		?	Unid	OTHR continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2015	04	08	<1935>	1935	P0N		?	Unid	OTHR continuous 3 pps	RF72LQ	NZART	ZL1BAD
7077	34	2015	04	17	1920		P0N	non	non	non	unkown white noise 7060KHz - 7094KHz wide pulse P0N OTHR	PM97	JARL	

?

7085	30	2015	04	26	<1940>	1940	P0N		?	Unid	OTHR continuous 3 pps	RF72LQ	NZART	ZL1BAD
7100.0	3	2015	4	8	0930		J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7100.0	3	2015	4	13	0825		J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7100.6		2015	04	07	<0123>	0123	N0N		?	Und	N0N Carrier S9 + 15 dB Call for DF readings	RE68XL	NZART	ZL2TZE
7100.6		2015	04	07	<2230>	2230	N0N		?	Unid	N0N Carrier S5 to S9	RE68XL	NZART	ZL2TZE
7102		2015	04	11	<1913>	1913	N0N		?	Unid	N0N S6-S7	RF80HL	NZART	ZL2IFB
7102		2015	04	12	<0200>	0200	N0N		?	Unid	N0N S3	Buller	NZART	Feraltex
7104.8		2015	04	13	<1925>	1925- 2010	F1B	250	?	Unid	RTTY 250 shift, no print	RF72LQ	NZART	ZL1BAD
7105.0	1	2015	4	30	0745		F1B				SELCALL	QG62an	WIA	VK4TJ
7105.0	2	2015	4	28	0745		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7113.5	1	2015	4	11	1955		F1B	250			BURSTS	QG62an	WIA	VK4TJ
7113.8		2015	04	12	<1930>	1930- 2000	F1B	250	?	Unid	RTTY 250 shift, no print	RF72LQ	NZART	ZL1BAD
7115.0	2	2015	4	23	1020		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7120		2015	04	DY	<1830>	1830	A3E		SOM	R>Hargasia	Broadcast Station B-C mixed progs.	RF72LQ	NZART	ZL1BAD
7120		2015	04	06	<1850>	1850	A3E		SOM	R- Hargaysa	Broadcast Station Somalia Radio Hargaysa	RE68XL	NZART	ZL2TZE
7120		2015	04	29	<1811>	1811	A3E		SOM	R- Hargaysa	Broadcast Station Somalia Radio Hargaysa S8	RF73MF	NZART	ZL1GWE
7140.0	1	2015	4	11	1955		F1B				BURSTS	QG62an	WIA	VK4TJ
7141	3	2015	04	16	1920		JM	non	non	non	white noise	PM97	JARL	
7144.0	1	2015	4	11	1010		F1B				BURSTS	QG62an	WIA	VK4TJ
7150.0	3	2015	4	28	0830		J3E/U				ASIAN, PROBABLY BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
7150	30	2015	04	28	<1930>	1930	P0N		?	Unid	OTHR continuous 3 pps	RF72LQ	NZART	ZL1BAD
7151.0		2015	4	23	0845		A1A				MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7160	30	2015	04	02	<1930>	1930	P0N		?	Unid	OTHR continuous 3 pps	RF72LQ	NZART	ZL1BAD
7165.7	3	2015	4	29	0820		J3E/U				ASIAN, PROBABLY BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
7167.0	1	2015	4	28	1015		F1B				SELCALL	QG62an	WIA	VK4TJ

7171.0	3	2015	4	19	0855		J3E/U			ASIAN, PROBABLY BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
7175	20	2015	04	05	<1815>	1815	A3E	ERI	VoBM	Broadcast Station Voice of Broad Masses 2 S9 + 10 dB	RE68XL	NZART	ZL2TZE
7177.5	3	2015	4	12	1020		J3E/U			ASIAN, PROBABLY CHINESE	QG62an	WIA	VK4TJ
7178	3.3	2015	04	26	<1940>	1940	M7B	?	Unid	Military Multi-chnl	RF72LQ	NZART	ZL1BAD
7181.0	3	2015	4	28	1015		J3E/U			ASIAN, PROBABLY BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
7185.0		2015	4	11	1020		N0N			PROBABLY SW BROADCAST	QG62an	WIA	VK4TJ
7197.0	5	2015	4	28	0940		G1D			C/W SWEEPING CARRIER	QG62an	WIA	VK4TJ
7200.0	8	2015	4	11	1020		A3E			2 SW BROADCAST STATIONS AT ONCE, BOTH CHINESE	QG62an	WIA	VK4TJ
10110.0	20	2015	4	10	0940		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
10120.0	2	2015	4	10	1020		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
10130.0	2	2015	4	10	1025		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14000.0		2015	4	11	0930		N0N				QG62an	WIA	VK4TJ
14000.0	2	2015	4	10	0050		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14000.0	3	2015	4	11	0730		J1C				QG62an	WIA	VK4TJ
14000.0	20	2015	4	9	0550		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14000.0	3	2015	4	1	0705		J3E/U			ASIAN, PROBABLY TAGALOG	QG62an	WIA	VK4TJ
14000		2015	04	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
14000.4		2015	04	11	<0757>	0757	G1B	?	Unid	Pactor Signal S8 BPSK Amateur or Non Amateur?	RF73MF	NZART	ZL1GWE
14001		2015	04	26	<0300-0315>		J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI	
14001.1	3	2015	4	13	0650		J3E/U			- 2 OM SPANISH SPEAKERS	QG62an	WIA	VK4TJ

14002		2015	04	11	<0330-0345>	J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI	
14004.5	3	2015	4	16	0840	J3E/U				– 2 OM ASIAN	QG62an	WIA	VK4TJ
14005.0	20	2015	4	15	1015	P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14005.0	2	2015	4	10	0140	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14008.0	1	2015	4	16	0850	F1B	250			DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14010.0	50	2015	4	16	0805	P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
14010.0	2	2015	4	11	0735	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14012.0	3	2015	4	27	0905	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14014		2015	04	11	<0330-0345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI	
14015.0	50	2015	4	16	0905	P0N				– 2 OM			
14015.0	2	2015	4	11	0735	G7DF				OTHR, BURSTS	QG62an	WIA	VK4TJ
14018.0	3	2015	4	10	0055	J3E/L				MANPACK RADIO	QG62an	WIA	VK4TJ
14019.7	3	2015	4	27	0920	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14020.0	3	2015	4	29	2300	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14020.0	2	2015	4	16	0920	G7DF				ASIAN	QG62an	WIA	VK4TJ
14024.5	3	2015	4	16	0920	J3E/L				MANPACK RADIO	QG62an	WIA	VK4TJ
14025.0	2	2015	4	12	0555	G7DF				ASIAN, SOUNDS	QG62an	WIA	VK4TJ
14028.0	3	2015	4	16	0935	J3E/U				BAHASA MANPACK RADIO	QG62an	WIA	VK4TJ
14030.0	2	2015	4	16	2145	G7DF				ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14031.0	3	2015	4	30	0815	J3E/U				MANPACK RADIO	QG62an	WIA	VK4TJ
14032.0	5	2015	4	30	0810	G7D				ASIAN	QG62an	WIA	VK4TJ
14033		2015	04	08	<0230-0245>	J3E/U		CLN	UNID	DOZENS OF SUBCARRIERS ON SMALL INTERVALS	QG62an	WIA	VK4TJ
14033.4	3	2015	4	15	0955	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY	MK82	ARSI	
										– 2 OM ASIAN	QG62an	WIA	VK4TJ

14035.0	2	2015	4	12	0610	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14036.5	3	2015	4	14	0700	J3E/U			PHL	TAGALOG	QG62an	WIA	VK4TJ
14040.0	2	2015	4	10	0355	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14044		2015	04	04	<0330-0345>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14045.0	2	2015	4	11	0815	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14045.0	1	2015	4	28	0945	F1B		300		BURSTS	QG62an	WIA	VK4TJ
14045	20	2015	04	04	<0640>	P0N	0640		?	Unid	OTHR 20k wide. OTHR HFSWR 7 pps	RF72LQ	NZART
14046.0	3	2015	4	20	0910	J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14048.0	3	2015	4	16	0825	J3E/L				ASIAN	QG62an	WIA	VK4TJ
14048.0	3	2015	4	10	0005	J3E/U			PHL	DAILY, TAGALOG	QG62an	WIA	VK4TJ
14050.0	3	2015	4	16	0825	J3E/U				DAILY, ASIAN, PROBABLY TAGALOG	QG62an	WIA	VK4TJ
14050.0	20	2015	4	13	0830	P0N				OTHR	QG62an	WIA	VK4TJ
14050.0	2	2015	4	10	0345	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14050		2015	04	11	<0330-0345>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14050.5	3	2015	4	7	1010	J3E/L				ASIAN	QG62an	WIA	VK4TJ
14050.5	3	2015	4	15	0940	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14051.0	1	2015	4	20	0825	F1B				SELCALL	QG62an	WIA	VK4TJ
14055.0	100	2015	4	14	0830	P0N				OTHR	QG62an	WIA	VK4TJ
14055.0	2	2015	4	12	0755	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14057.3		2015	04	04	<0300-0315>	J3E/L			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14060.0	50	2015	4	20	0955	P0N				OTHR	QG62an	WIA	VK4TJ
14060.0	2	2015	4	11	0625	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14061.0	3	2015	4	20	0935	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14065.0	2	2015	4	11	0630	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14066.7	3	2015	4	28	2150	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14070.0	2	2015	4	23	0915	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ

14070.0	20	2015	4	11	0840		P0N					OTHR	QG62an	WIA	VK4TJ
14075.0	2	2015	4	12	0635		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
14080.0	2	2015	4	11	0845		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
14083.0	3	2015	4	10	0650		J3E/U					SPANISH SPEAKERS	QG62an	WIA	VK4TJ
14085.0	2	2015	4	23	0925		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
14090.0	2	2015	4	23	0930		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
14090.0	20	2015	4	11	0935		P0N					OTHR	QG62an	WIA	VK4TJ
14093.5	2	2015	4	2	0915		J3E/L					ASIAN, PROBABLY CHINESE	QG62an	WIA	VK4TJ
14100.0	3	2015	4	9	0945		J3E/U					DAILY, ASIAN	QG62an	WIA	VK4TJ
14110	10	2015	04	DY	HX	HX	P0N		?	Unid		OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
14111.0	3	2015	4	28	0945		J3E/U					ASIAN, PROBABLY CHINESE	QG62an	WIA	VK4TJ
14112.2	3	2015	4	9	1005		J3E/U					DAILY, ASIAN	QG62an	WIA	VK4TJ
14114.2	2	2015	4	8	0910		J3E/L					ASIAN, PROBABLY CHINESE	QG62an	WIA	VK4TJ
14130.0	2	2015	4	11	0935		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
14130.0	40	2015	4	2	0915		P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14131.0	20	2015	4	2	<08020-0930>		P0N					OHR 66pps continous	QF22MC	WIA	VK3MV
14132.8	2	2015	4	11	0925		J3E/L					ASIAN, PROBABLY CHINESE	QG62an	WIA	VK4TJ
14135.0	2	2015	4	16	0605		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
14135.0	40	2015	4	25	0730		P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14141.0	1	2015	4	8	0700		F1B	500				CONTINUOUS	QG62an	WIA	VK4TJ
14141		2015	04	14	<2015>	2015	F1B	500	?	Unid		RTTY No print	RF72LQ	NZART	ZL1BAD
14141.3	3	2015	4	30	0815		J3E/U					ASIAN & WHISTLING, ENGINE NOISE	QG62an	WIA	VK4TJ
14141.5		2015	04	11	<0300-0315>		J3E/U		CLN	UNID		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14146.0	3	2015	4	20	0745		J3E/U		PHL			DAILY NET, TAGALOG	QG62an	WIA	VK4TJ
14148.0	3	2015	4	2	0920		J3E/U					ASIAN FAMILY NET, PROBABLY CHINESE	QG62an	WIA	VK4TJ

14180.5	3	2015	04	19	<0130>	0310	XXX		330	?	Unid	Encryption mode with voice signals with synchronisation signals SELCALL	RF73MF	NZART	ZL1GWE
14189.0	1	2015	4	13	0710		F1B						QG62an	WIA	VK4TJ
14192.0	1	2015	4	4	0520		F1B						QG62an	WIA	VK4TJ
14192		2015	04	DY	<1000>	1000-2045	F1B	50	200	RUS	Unid	RTTY Russian Navy QTH Kalingrad ASIAN	RF72LQ	NZART	ZL1BAD
14195.2	3	2015	4	30	0815		J3E/U						QG62an	WIA	VK4TJ
14205		2015	04	27	<0756>	0756	P0N			?	Unid	OTHR on top of Nepal Emergency Frequency	RE68XL	NZART	ZL2TZE
14214.0		2015	4	13	0715		A1A					NUMBER CIPHER	QG62an	WIA	VK4TJ
14221.0	1	2015	4	4	0520		F1B					DAILY	QG62an	WIA	VK4TJ
14237.0	1	2015	4	28	0950		F1B					SELCALL	QG62an	WIA	VK4TJ
14240.0	1	2015	4	20	0800		F1B		250				QG62an	WIA	VK4TJ
14242.5		2015	04	30	<0300-0330>		J3E/L			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM SELCALL	MK82	ARSI	
14245.0	1	2015	4	20	0800		F1B					SELCALL	QG62an	WIA	VK4TJ
14250.0	20	2015	4	28	0950		P0N					OTHR, BURSTS	QG62an	WIA	VK4TJ
14253.0	1	2015	4	20	0805		F1B		250				QG62an	WIA	VK4TJ
14258.0	5	2015	4	24	0755		G7D					SHORT BURSTS	QG62an	WIA	VK4TJ
14260.0	20	2015	4	8	0915		P0N					OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14293.0	3	2015	4	2	0920		J3E/L					ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14295.0	8	2015	4	1	1955		A3E			TJK		RADIO TADJIKISTAN 3RD HARMONIC	QG62an	WIA	VK4TJ
14295.5	3	2015	04	18	<0843>	0843	M1B		330	RUS	Unid	Military Stanag 12 tone with guard frequency S7-S8	Rf73MF	NZART	ZL1GWE
14300.0	5	2015	4	2	0920		G7D						QG62an	WIA	VK4TJ
14300.0	3	2015	4	15	<0800-2300>		J3E/U					1sec cw pulse with data bursts continuous interfering with Napel Emcoms	QF22MC	WIA	VK3MV
14300.0	3	2015	4	16	<0750-2300>		J3E/U					1 sec cw pluse with data burst continuous interfering with Napel Emcoms	QF22MC	WIA	VK3MV
14301.5		2015	4	4	0520		A1A				E	BEACON	QG62an	WIA	VK4TJ

14301.7	2	2015	04	25	0728>	0728	G1B	75		CHN	Unid	PRC Chinese BPSK 75 Bd 16 tones S5	RF73MF	NZART	ZL1GWE
14307.2	3	2015	4	20	0810		J3E/L					ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14322.3	3	2015	4	29	0835		J3E/U					ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14326.0	1	2015	4	20	0810		F1B					SELCALL	QG62an	WIA	VK4TJ
14329.0		2015	4	24	0755		A1A					MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14329.0	5	2015	4	4	0525		G7D						QG62an	WIA	VK4TJ
14333.5	3	2015	4	2	0925		J3E/L					ASIAN FAMILY NET	QG62an	WIA	VK4TJ
18080.0	2	2015	4	5	0655		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
18085.0	20	2015	4	30	0320		P0N					OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18091.8	3	2015	4	21	2250		J3E/U					ASIAN	QG62an	WIA	VK4TJ
18100.0	3	2015	4	19	2205		J3E/L					DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18108.0	1	2015	4	28	1005		F1B					SELCALL	QG62an	WIA	VK4TJ
18114		2015	04	29	<2026>	2026	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
18123		2015	04	29	<2237>	2237	G7DF		330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
18129		2015	04	05	<0641>	0641	G7DF		330	?	Unid	HF Man Pack 9- PSK S1	RF73MF	NZART	ZL1GWE
21000.0	3	2015	4	30	0145		J3E/U					ASIAN	QG62an	WIA	VK4TJ
21000.0		2015	4	13	0850		N0N						QG62an	WIA	VK4TJ
21000		2015	04	27	<0038>	0038- 0301	N0N		330	RUS	Unid	Carrier S2 Voice scrambler intermittent with encrypted voices	RF73MF	NZART	ZL1GWE
21000		2015	04	27	<0305>	0305	G1B/J3E/U	1200	330	RUS	Unid	Russian T-219 scrambler BPSK	RF73MF	NZART	ZL1GWE
21001.5	1	2015	4	20	0455		F1B	150		RUS		Asian Russia FOR ENCRYPTED AUDIO, BELOW BAND	QG62an	WIA	VK4TJ
21002.5	3	2015	4	20	0445		J3E/L					ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21008		2015	04	05	<0631>	0631	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21010.0	2	2015	4	20	0440		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21015.0	2	2015	4	20	0435		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21015		2015	04	06	<0552>	0552	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21020.0	2	2015	4	30	0235		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21031		2015	04	06	<0552>	0552	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21036		2015	04	26	<0700>	0700	G7DF		330	?	Unid	HF Man Pack 8-	RF73MF	NZART	ZL1GWE

21038		2015	04	27	<0443>	0443	G7DF		330	?	Unid	PSK S2 HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
21040.0	2	2015	4	20	0355		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21040		2015	04	05	<0640>	0640	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21045.0	2	2015	4	20	0645		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21045.0	2	2015	4	30	0125		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21050.0	2	2015	4	20	0330		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21050.0	20	2015	4	25	0505		P0N					OTHR, 2-SPEED	QG62an	WIA	VK4TJ
21051		2015	04	27	<0314>	0314	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21053		2015	04	27	<0446>	0446	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21055.0	2	2015	4	20	0640		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21060		2015	04	26	<0705>	0705	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21071		2015	04	27	<0654>	0654	G7DF		330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
21075		2015	04	05	<0641>	0641	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21075		2015	04	05	<0641>	0641	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21090.0	2	2015	4	29	2350		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21090		2015	04	06	<0551>	0551	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21092		2015	04	27	<0450>	0450	G7DF		330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21100		2015	04	27	<0448>	0448	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21105		2015	04	26	<0707>	0707	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21105		2015	04	27	<0311>	0311	G7DF		330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21114		2015	04	06	<0552>	0552	G7DF		330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
21116		2015	04	05	<0640>	0640	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21133.8	3	2015	4	29	0850		J3E/U					ASIAN	QG62an	WIA	VK4TJ
21134.0	1	2015	4	2	0910		F1B					BURSTS	QG62an	WIA	VK4TJ
21135	10	2015	04	02	<0650>	650	P0N			?	Unid	OTHR 3.8 secs every 20 secs 70 pps	RF72LQ	NZART	ZL1BAD
21137		2015	04	27	<0445>	0445	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21138		2015	04	29	<2242>	2242	G7DF		330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21150.0	20	2015	4	15	<0630- 0647>		P0N					OHR 50pps continous	QF22MC	WIA	VK3MV
21163		2015	04	06	<0551>	0551	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21167		2015	04	27	<0446>	0446	G7DF		330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE

21170	20	2015	04	18	<0825.	0825	P0N	330	CYP	Und	OTHR 50 pps S4-S5 20 kHz continuous	RF73Mf	NZART	ZL1GWE
21171		2015	04	05	<0641.	0641	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21171		2015	04	26	<0707>	0707	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21172	10	2015	04	02	<0655>	655	P0N		?	Unid	OTHR 3.8 secs every 20 secs 70 pps	RF72LQ	NZART	ZL1BAD
21178		2015	04	06	<0707>	0707	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21180		2015	04	27	<0441>	0441	G7DF	330	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
21190	20	2015	04	27	<0438>	0438	P0N	330	CYP	Unid	OTHR 50 pps continuous S7 20 kHz Cyprus	RF73MF	NZART	ZL1GWE
21200	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
21202	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
21205		2015	04	30	<0543>	0543	G7DF	330	?	Unid	HF Man Pack 8_PSK S2	RF73MF	NZART	ZL1GWE
21206	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
21220.0	40	2015	4	4	0510		VXX				CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21222	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21225.0	20	2015	4	27	0740		P0N				OTHR, BURSTS, 65 PPS	QG62an	WIA	VK4TJ
21225	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21225	20	2014	04	09	<0730>	0730	P0N		?	Unid	OTHR continuous 50 pps	RF72LQ	NZART	ZL1BAD
21226		2014	04	26	<0652>	0652	G7DF	330	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21227	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21230	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21232	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21233	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21235	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	19	2015	04	06	<0710>	0710	P0N	330	?	Unid	OTHR S2 19 second bursts with centre pips 6 pps	RF73MF	NZART	ZL1GWE
21238		2015	04	27	<0315>	0315	G7DF	330	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE

21240	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21245		2015	04	26	<0655>	0655	G7DF		?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21245	10	2015	04	27	<0705>	0705- 0745	P0N	330	?	Unid	OTHR 4 second bursts S7 with strong centre pip 65 pps	RF73MF	NZART	ZL1GWE
21248	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21250	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21254		2015	04	27	<0228>	0228	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
21255	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21260	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21262.0	15	2015	4	16	<0015>		P0N				OHR 50pps intermittent	QF22MC	WIA	VK3MV
21265	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21270	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21270	20	2015	04	16	<0815>	0815	P0N		?	Unid	OTHR continuous 50 pps	RF72LQ	NZART	ZL1BAD
21272	20	2015	04	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21275	10	2015	04	11	<0225>	0225	P0N		?	Unid	OTHR 2x2secs bursts with 3 secs between bursts. 50 pps	RF72LQ	NZART	ZL1BAD
21283	10	2015	04	12	<0440>	0440	P0N		?	Unid	OTHR 2x1.5 secs every 10 secs 50 pps	RF72LQ	NZART	ZL1BAD
21283		2015	04	27	<0451>	0451	G7DF	330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21284		2015	04	26	<0705>	0705	G7DF	330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21285	10	2015	04	12	<0440>	0440	P0N		?	Unid	OTHR 3.2 secs ever 40 secs 40 pps	RF72LQ	NZART	ZL1BAD
21286	20	2015	04	25	<0617>	0617	P0N	330	?	Unid	OTHR S2 20 kHz bw Unknown rate	RF73MF	NZART	ZL1GWE
21290.0	20	2015	4	5	0410		P0N				OTHR, STARTS WITH BEEP	QG62an	WIA	VK4TJ
21290.0	12	2015	4	13	<0700>		P0N				OHR 100pps variable pulse rate	QF22MC	WIA	VK3MV
21290.0	20	2015	4	15	<0740>		P0N				OHR 100pps continuous	QF22MC	WIA	VK3MV

21290	10	2015	04	12	<0435>	0435	P0N		?	Unid	OTHR 1.5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21290	20	2015	04	27	<0652.	0652	P0N	330	CYP	Unid	OTHR Cyprus 50pps S4	RF73MF	NZART	ZL1GWE
21293		2015	04	06	<0710>	0710	G7DF	330	?	Unid	Continuous 20 kHz HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21300.0	20	2015	4	27	0435		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21301	20	2015	04	27	<0658>	0658	P0N	330	CYP	Unid	OTHR Cyprus 50pps S4	RF73MF	NZART	ZL1GWE
21307		2015	04	30	<0538>	0538	G7DF	330	?	Unid	Continuous 20 kHz HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21308.0	10	2015	4	14	<0630- 0647>		P0N				OHR 100pps 3/5 sec burst every 15 sec	QF22MC	WIA	VK3MV
21320		2015	04	27	<0452>	0452	G7DF	330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21327		2015	04	26	<0655>	0655	G7DF	330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21338		2015	04	26	<0659>	0659	G7DF	330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21345	10	2015	04	09	<0210>	0210- 0245	P0N		?	Unid	OTHR 5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21346		2015	04	30	<0541>	0541	G7DF	330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21347	10	2015	04	25	<0617>	0617- 0618	P0N	330	RUS	Unid	OTHR S3 10 kHz bw Russian 50 pps	RF73MF	NZART	ZL1GWE
21347.5	11	2015	04	25	<0711:25>	0712:33	P0N	330	?	Unid	OTHR S2 52 seconds burst 10 pps	RF73MF	NZART	ZL1GWE
21347.5	11	2015	04	25	<0718:29>	0719:33	P0N	330	?	Unid	OTHR S2 56 seconds bursts 10 pps	RF73MF	NZART	ZL1GWE
21353		2015	04	26	<0702>	0702	G7DF	330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21355		2015	04	26	<0655>	0655	G7DF	330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
21357		2015	04	26	<0703>	0703	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
21379.0	10	2015	4	13	<000- 0010>		P0N				OHR 100pps	QF22MC	WIA	VK3MV
21384		2015	04	30	<0544>	0544	G7DF	330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
21390	20	2015	04	27	<0700>	0700	P0N		?	Unid	OTHR continuous 50 pps	RF72LQ	NZART	ZL1BAD
21392	10	2015	04	09	<2255>	2255	P0N		?	Unid	OTHR 5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21395	160	2015	04	09	<0740>	0740	P0N		?	Unid	OTHR continuous 120 pps 160 wide	RF72LQ	NZART	ZL1BAD

21400	20	2015	04	09	<0735>	0735	P0N		?	Unid	OTHR continuous 50 pps	RF72LQ	NZART	ZL1BAD
21409		2015	04	06	<0708>	0708	G7DF	330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
21410	10	2015	04	06	<0020>	0020	P0N		?	Unid	OTHR 3.8 secs every 20 secs 70 pps	RF72LQ	NZART	ZL1BAD
21410	20	2015	04	06	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21420.0	20	2015	4	14	0710		P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
21433		2015	04	06	`<0706>	0706	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
21435	10	2015	04	09	<2250>	2250	P0N		?	Unid	OTHR 5 secs every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21442.0	10	2015	4	14	<0650- 0720>		P0N				OHR 100pps 4 sec burst every 22 secs	QF22MC	WIA	VK3MV
21446		2015	04	27	<0448>	0448	G7DF	330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
24890.0	20	2015	4	16	0810		P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
24896		2015	04	27	<0042>	0042	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
24900.0	20	2015	4	11	0420		P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
24900		2015	04	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
24905.0	6	2015	4	28	2355		A3E				ASIAN	QG62an	WIA	VK4TJ
24915.0	6	2015	4	16	0810		A3E				ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2015	4	1	2320		A3E				ASIAN	QG62an	WIA	VK4TJ
24937		2015	04	27	<0016>	0016	F3E	330	?	Unid	Non Amateurs Spanish Speaking S4 FM	RF73MF	NZART	ZL1GWE
24945		2015	04	12	<0705>	0705	P0N		?	Unid	OTHR S7-S9 two rates 50 pps and 47 pps short bursts	RF80HL	NZART	ZL2IFB
24948		2015	04	27	<0032>	0032	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
24953		2015	04	27	<0027>	0027	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
24955.0	6	2015	4	29	0225		A3E				ASIAN	QG62an	WIA	VK4TJ
24958		2015	04	27	<0032>	0032	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
24958.6		2015	04	27	<0038>	0038	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
24959		2015	04	27	<0049>	0049	G7DF	330	?	Unid	HF Man Pack 8- PSK S1	RF73MF	NZART	ZL1GWE
24960.0	6	2015	4	16	0750		A3E				ASIAN	QG62an	WIA	VK4TJ
24965.0	6	2015	4	11	0615		A3E				ASIAN	QG62an	WIA	VK4TJ
24965		2015	04	27	<0028>	0028	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
24966		2015	04	27	<0013>	0013	G7DF	330	?	Unid	HF Man Pack 8-	RF73MF	NZART	ZL1GWE

24975.0	6	2015	4	21	2300	A3E					PSK S4				
24987.5	8	2015	4	1	0555	F3E					ASIAN	QG62an	WIA	VK4TJ	
28000.0	6	2015	4	3	0200	A3E					ASIAN	QG62an	WIA	VK4TJ	
28005.0	6	2015	4	3	0105	A3E					ASIAN	QG62an	WIA	VK4TJ	
28012.5	8	2015	4	5	0210	F3E					ASIAN	QG62an	WIA	VK4TJ	
28015.0	6	2015	4	1	0040	A3E					ASIAN	QG62an	WIA	VK4TJ	
28025.0	8	2015	4	1	0040	F3E					ASIAN	QG62an	WIA	VK4TJ	
28033		2015	04	03	<0526>	G7DF			?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
28034		2015	04	27	<0008>	F3E		330	CHN	Unid	Non Amateurs Chatting Chinese S3	RF73MF	NZART	ZL1GWE	
28035.0	6	2015	4	1	0035	A3E					ASIAN	QG62an	WIA	VK4TJ	
28037.5	8	2015	4	2	0820	F3E					ASIAN	QG62an	WIA	VK4TJ	
28040.0	6	2015	4	7	0135	A3E					ASIAN	QG62an	WIA	VK4TJ	
28045.0	6	2015	4	3	0105	A3E					ASIAN	QG62an	WIA	VK4TJ	
28045		2015	04	06	<0705>	G7DF		330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE	
28050.0	1	2015	4	1	2155	F1B					SHORT BURSTS	QG62an	WIA	VK4TJ	
28050.0	8	2015	4	2	0040	F3E					ASIAN	QG62an	WIA	VK4TJ	
28050		2015	04	27	<0008>	F3E		330	CHN	Unid	Non Amateurs Chatting Chinese S4	RF73MF	NZART	ZL1GWE	
28055.0	6	2015	4	2	0040	A3E					ASIAN	QG62an	WIA	VK4TJ	
28062.5	8	2015	4	2	0105	F3E					ASIAN	QG62an	WIA	VK4TJ	
28065.0	6	2015	4	1	0035	A3E					ASIAN	QG62an	WIA	VK4TJ	
28065		2015	04	03	<0704>	G7DF			?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE	
28075.0	6	2015	4	1	0035	A3E					ASIAN	QG62an	WIA	VK4TJ	
28085.0	6	2015	4	1	0035	A3E					ASIAN	QG62an	WIA	VK4TJ	
28087.5	8	2015	4	4	0500	F3E					ASIAN	QG62an	WIA	VK4TJ	
28091.0	6	2015	4	3	0150	A3E					ASIAN	QG62an	WIA	VK4TJ	
28095.0	2	2015	4	28	2305	G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ	
28097		2015	04	03	<0654>	VXX		330	?	Unid	CODAR 1 second sweeps S3	RF73MF	NZART	ZL1GWE	
28100.0	8	2015	4	1	2310	F3E					ASIAN	QG62an	WIA	VK4TJ	
28105.0	6	2015	4	1	0035	A3E					ASIAN	QG62an	WIA	VK4TJ	
28112.5	8	2015	4	8	2335	F3E					ASIAN	QG62an	WIA	VK4TJ	
28115.0	6	2015	4	1	2310	A3E					ASIAN	QG62an	WIA	VK4TJ	
28125.0	8	2015	4	1	0035	F3E					ASIAN	QG62an	WIA	VK4TJ	
28135.0	6	2015	4	1	2310	A3E					ASIAN	QG62an	WIA	VK4TJ	
28137.5	8	2015	4	4	0500	F3E					ASIAN	QG62an	WIA	VK4TJ	
28138		2015	04	26	<2331>	G7DF		330	?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE	
28145.0	6	2015	4	1	0035	A3E					ASIAN	QG62an	WIA	VK4TJ	
28150.0	8	2015	4	3	0110	F3E					ASIAN	QG62an	WIA	VK4TJ	

28150		2015	04	03	<0704>	0704	F3E		330	CHN	Unid	Non Amateurs Chatting Chinese S4	RF73MF	NZART	ZL1GWE
28155.0	6	2015	4	1	0035		A3E					ASIAN	QG62an	WIA	VK4TJ
28160.0	2	2015	4	22	0040		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
28162.5	8	2015	4	29	0245		F3E					ASIAN	QG62an	WIA	VK4TJ
28165.0	6	2015	4	1	0035		A3E					ASIAN	QG62an	WIA	VK4TJ
28170.0	6	2015	4	20	0000		A3E					ASIAN	QG62an	WIA	VK4TJ
28175.0	8	2015	4	1	0035		F3E					ASIAN	QG62an	WIA	VK4TJ
28185.0	6	2015	4	1	0035		A3E					ASIAN	QG62an	WIA	VK4TJ
28187.5	8	2015	4	4	0445		F3E					ASIAN	QG62an	WIA	VK4TJ
28190.0	20	2015	4	27	0710		P0N					OTHR, 50 PPS, CONTINUOUS	QG62an	WIA	VK4TJ
28195.0	6	2015	4	1	0035		A3E					ASIAN	QG62an	WIA	VK4TJ
28200.0	8	2015	4	3	0150		F3E					ASIAN	QG62an	WIA	VK4TJ
28205.0	6	2015	4	3	0110		A3E					ASIAN	QG62an	WIA	VK4TJ
28215.0	6	2015	4	1	0035		A3E					ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2015	4	1	0035		F3E					ASIAN	QG62an	WIA	VK4TJ
28225.0	6	2015	4	27	2300		A3E					SPANISH SPEAKERS	QG62an	WIA	VK4TJ
28235.0	2	2015	4	4	0435		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
28235.0	6	2015	4	1	0035		A3E					ASIAN	QG62an	WIA	VK4TJ
28237.5	8	2015	4	9	0010		F3E					ASIAN	QG62an	WIA	VK4TJ
28245.0	6	2015	4	3	0110		A3E					ASIAN	QG62an	WIA	VK4TJ
28246		2015	04	26	<2346>	2346	G7DF		330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
28247		2015	04	26	<2350>	2350	G7DF		330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
28250.0	8	2015	4	3	0110		F3E					ASIAN	QG62an	WIA	VK4TJ
28255.0	6	2015	4	1	0030		A3E					ASIAN	QG62an	WIA	VK4TJ
28255.0	2	2015	4	1	0030		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
28255		2015	04	06	<0554>	0554	A3E		330	CHN	Unid	Non Amateurs Chinese S4 bleep on each transmission	Rf73MF	NZART	ZL1GWE
28262.5	8	2015	4	9	0010		F3E					ASIAN	QG62an	WIA	VK4TJ
28265.0	2	2015	4	8	2330		G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
28265.0	6	2015	4	1	0030		A3E					ASIAN	QG62an	WIA	VK4TJ
28265		2015	04	26	<2331>	2331	G7DF		330	?	Unid	HF Man Pack 8- PSK S3	RF73MF	NZART	ZL1GWE
28275.0	8	2015	4	1	0030		F3E					ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2015	4	1	0030		A3E					ASIAN	QG62an	WIA	VK4TJ
28286		2015	04	26	<2327>	2327	G7DF		330	?	Unid	HF Man Pack 8- PSK S2	RF73MF	NZART	ZL1GWE
28287.5	8	2015	4	1	0030		F3E					ASIAN	QG62an	WIA	VK4TJ
28295.0	6	2015	4	3	0110		A3E					ASIAN	QG62an	WIA	VK4TJ
28300.0	6	2015	4	3	0340		A3E					ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
28305.0	6	2015	4	1	0030		A3E					ASIAN, SOUNDS	QG62an	WIA	VK4TJ

28312.5	8	2015	4	3	0145	F3E				CHINESE				
28315.0	6	2015	4	1	0030	A3E				ASIAN	QG62an	WIA	VK4TJ	
28325.0	2	2015	4	20	0000	G7DF				ASIAN	QG62an	WIA	VK4TJ	
28325.0	8	2015	4	1	0030	F3E				MANPACK RADIO	QG62an	WIA	VK4TJ	
28329		2015	04	26	<2329>	G7DF	2329	330	?	Unid	ASIAN	QG62an	WIA	VK4TJ
28335.0	6	2015	4	1	0030	A3E				HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE	
28337.5	8	2015	4	1	0030	F3E				ASIAN	QG62an	WIA	VK4TJ	
28350.0	8	2015	4	1	0030	F3E				ASIAN	QG62an	WIA	VK4TJ	
28355.0	6	2015	4	1	0030	A3E				ASIAN	QG62an	WIA	VK4TJ	
28362.5	8	2015	4	4	0420	F3E				ASIAN	QG62an	WIA	VK4TJ	
28365.0	6	2015	4	1	0030	A3E				ASIAN	QG62an	WIA	VK4TJ	
28370.0	2	2015	4	16	0755	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
28375.0	8	2015	4	1	0030	F3E				ASIAN	QG62an	WIA	VK4TJ	
28385.0	6	2015	4	1	0030	A3E				ASIAN	QG62an	WIA	VK4TJ	
28387.5	8	2015	4	3	0115	F3E				ASIAN	QG62an	WIA	VK4TJ	
28400.0	8	2015	4	3	0115	F3E				ASIAN	QG62an	WIA	VK4TJ	
28405.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28412.5	8	2015	4	4	0415	F3E				ASIAN	QG62an	WIA	VK4TJ	
28415.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28425.0	8	2015	4	1	0025	F3E				ASIAN	QG62an	WIA	VK4TJ	
28435.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28437.5	8	2015	4	21	0825	F3E				ASIAN	QG62an	WIA	VK4TJ	
28445.0	6	2015	4	20	0005	A3E				ASIAN	QG62an	WIA	VK4TJ	
28455.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28462.5	6	2015	4	3	0145	A3E				ASIAN	QG62an	WIA	VK4TJ	
28465.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28475.0	8	2015	4	3	0115	F3E				ASIAN	QG62an	WIA	VK4TJ	
28485.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28487.5	8	2015	4	29	0330	F3E				ASIAN	QG62an	WIA	VK4TJ	
28500.0	6	2015	4	4	0400	A3E				ASIAN	QG62an	WIA	VK4TJ	
28500		2015	04	26	<2347>	F3E	2347	330	CHN	Unid	Non Amateurs Chatting Chinese S4	RF73MF	NZART	ZL1GWE
28505.0	6	2015	4	3	0115	A3E				ASIAN	QG62an	WIA	VK4TJ	
28512.5	8	2015	4	3	0145	F3E				ASIAN	QG62an	WIA	VK4TJ	
28515.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28525.0	8	2015	4	1	0025	F3E				ASIAN	QG62an	WIA	VK4TJ	
28530.0	6	2015	4	1	2320	A3E				ASIAN	QG62an	WIA	VK4TJ	
28535.0	6	2015	4	1	0025	A3E				ASIAN	QG62an	WIA	VK4TJ	
28537.5	6	2015	4	3	0345	A3E				ASIAN	QG62an	WIA	VK4TJ	
28545.0	6	2015	4	20	0005	A3E				ASIAN	QG62an	WIA	VK4TJ	
28550.0	8	2015	4	4	0400	F3E				ASIAN	QG62an	WIA	VK4TJ	
28555.0	6	2015	4	3	0140	A3E				ASIAN	QG62an	WIA	VK4TJ	
28562.5	8	2015	4	11	0555	F3E				ASIAN	QG62an	WIA	VK4TJ	

28565.0	6	2015	4	1	0025		A3E					ASIAN	QG62an	WIA	VK4TJ
28575.0	8	2015	4	1	0025		F3E					ASIAN	QG62an	WIA	VK4TJ
28580.0	200	2015	4	10	0415		P0N		IRN			OTHR	QG62an	WIA	VK4TJ
28581		2015	04	27	<0004>	0004	G7DF		330	?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
28585.0	200	2015	4	23	0205		P0N		IRN			OTHR	QG62an	WIA	VK4TJ
28585.0	6	2015	4	3	0120		A3E					ASIAN	QG62an	WIA	VK4TJ
28587.5	8	2015	4	29	0340		F3E					ASIAN	QG62an	WIA	VK4TJ
28595.0	6	2015	4	3	0140		A3E					ASIAN	QG62an	WIA	VK4TJ
28598		2015	04	06	<0634>	0634	P0N		330	IRN	Unid	OTHR Iranian Continuous S3 307 and 870 pps bursts	RF73MF	NZART	ZL1GWE
28599	52	2015	04	06	<0634>	0634	P0N		330	IRN	Unid	OTHR Iranian 307/870 pps S3 continuous	RF73MF	NZART	ZL1GWE
28599.5	53	2015	04	25	<0617>	0617-0628	P0N		330	IRN	Unid	OTHR S2 continuous 370 pps 807 pps rate Iranian	RF73MF	NZART	ZL1GWE
28600.0	200	2015	4	4	0355		P0N		IRN			OTHR	QG62an	WIA	VK4TJ
28600	50	2015	04	DY	<0220>	0220-0800	P0N		IRN	Unid		OTHR 2 tones Continuous	RF72LQ	NZART	ZL1BAD
28605.0	6	2015	4	3	0120		A3E					ASIAN	QG62an	WIA	VK4TJ
28607	130	2015	04	27	<0557>	0557	P0N		330	IRN	Unid	OTHR Iranian 307/867 pps S3 continuous	RF73MF	NZART	ZL1GWE
28610.0	200	2015	4	27	0610		P0N		IRN			OTHR	QG62an	WIA	VK4TJ
28615.0	6	2015	4	3	0140		A3E					ASIAN	QG62an	WIA	VK4TJ
28620.0	200	2015	4	29	0340		P0N		IRN			OTHR	QG62an	WIA	VK4TJ
28625.0	8	2015	4	3	0120		F3E					ASIAN	QG62an	WIA	VK4TJ
28635.0	6	2015	4	1	0025		A3E					ASIAN	QG62an	WIA	VK4TJ
28637.5	8	2015	4	10	0750		F3E					ASIAN	QG62an	WIA	VK4TJ
28645.0	6	2015	4	3	0120		A3E					ASIAN	QG62an	WIA	VK4TJ
28650.0	6	2015	4	3	0140		A3E					ASIAN	QG62an	WIA	VK4TJ
28655.0	6	2015	4	1	0025		A3E					ASIAN	QG62an	WIA	VK4TJ
28665.0	6	2015	4	1	0025		A3E					ASIAN	QG62an	WIA	VK4TJ
28665		2015	04	26	<2357>	2357	A3E		330	CHN	Unid	Non Amateurs Chatting Chinese S4	RF73MF	NZART	ZL1GWE
28675.0	8	2015	4	1	0025		F3E					ASIAN	QG62an	WIA	VK4TJ
28685.0	6	2015	4	1	0025		A3E					ASIAN	QG62an	WIA	VK4TJ
28687.5	6	2015	4	3	0140		A3E					ASIAN	QG62an	WIA	VK4TJ
28695.0	6	2015	4	3	0140		A3E					ASIAN	QG62an	WIA	VK4TJ
28700.0	6	2015	4	4	0345		A3E					ASIAN	QG62an	WIA	VK4TJ
28702		2015	04	26	<2359>	2359	G7DF		330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
28705.0	8	2015	4	1	0025		F3E					ASIAN	QG62an	WIA	VK4TJ
28712.5	8	2015	4	1	0020		F3E					ASIAN	QG62an	WIA	VK4TJ

28714		2015	04	26	<2358>	2858	G7DF	330	?	Unid	HF Man Pack 8- PSK S4	RF73MF	NZART	ZL1GWE
28715.0	6	2015	4	1	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28725.0	8	2015	4	1	0020		F3E				ASIAN	QG62an	WIA	VK4TJ
28735.0	6	2015	4	1	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28737.5	8	2015	4	29	0345		F3E				ASIAN	QG62an	WIA	VK4TJ
28741.0	6	2015	4	4	0340		A3E				ASIAN	QG62an	WIA	VK4TJ
28745.0	6	2015	4	1	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28750.0	6	2015	4	11	0530		A3E				ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2015	4	1	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28762.5	8	2015	4	4	0330		F3E				ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2015	4	4	0325		A3E				ASIAN	QG62an	WIA	VK4TJ
28775.0	8	2015	4	1	0020		F3E				ASIAN	QG62an	WIA	VK4TJ
28785.0	6	2015	4	20	0010		A3E				ASIAN	QG62an	WIA	VK4TJ
28787.5	8	2015	4	1	0020		F3E				ASIAN	QG62an	WIA	VK4TJ
28800.0	8	2015	4	3	0135		F3E				ASIAN	QG62an	WIA	VK4TJ
28805.0	6	2015	4	3	0450		A3E				ASIAN	QG62an	WIA	VK4TJ
28810.0	2	2015	4	3	0455		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
28812.5	8	2015	4	4	0325		F3E				ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2015	4	7	0150		A3E				ASIAN	QG62an	WIA	VK4TJ
28825.0	8	2015	4	3	0515		F3E				ASIAN	QG62an	WIA	VK4TJ
28835.0	6	2015	4	7	0145		A3E				ASIAN	QG62an	WIA	VK4TJ
28837.5	8	2015	4	7	0150		F3E				ASIAN	QG62an	WIA	VK4TJ
28850.0	8	2015	4	1	2315		F3E				ASIAN	QG62an	WIA	VK4TJ
28855.0	2	2015	4	29	0515		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
28862.5	8	2015	4	1	0020		F3E				ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2015	4	20	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28875.0	1	2015	4	1	0020		F1B					QG62an	WIA	VK4TJ
28875.0	8	2015	4	1	0015		F3E				ASIAN	QG62an	WIA	VK4TJ
28885.0	6	2015	4	20	0020		A3E				ASIAN	QG62an	WIA	VK4TJ
28887.5	8	2015	4	1	2315		F3E				ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2015	4	3	0135		F3E				ASIAN	QG62an	WIA	VK4TJ
28905.0	6	2015	4	20	0025		A3E				ASIAN	QG62an	WIA	VK4TJ
28912.5	6	2015	4	4	0310		A3E				ASIAN	QG62an	WIA	VK4TJ
28915.0	2	2015	4	20	0025		G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
28925.0	8	2015	4	1	2315		F3E				ASIAN	QG62an	WIA	VK4TJ
28935.0	6	2015	4	3	2350		A3E				ASIAN	QG62an	WIA	VK4TJ
28937.5	8	2015	4	10	0735		F3E				ASIAN	QG62an	WIA	VK4TJ
28950.0	8	2015	4	1	0015		F3E				ASIAN	QG62an	WIA	VK4TJ
28955.0	6	2015	4	20	0030		A3E				ASIAN	QG62an	WIA	VK4TJ
28962.5	8	2015	4	1	0015		F3E				ASIAN	QG62an	WIA	VK4TJ
28965.0	6	2015	4	14	0720		A3E				ASIAN	QG62an	WIA	VK4TJ
28975.0	8	2015	4	1	0015		F3E				ASIAN	QG62an	WIA	VK4TJ
28985.0	6	2015	4	3	2350		A3E				ASIAN	QG62an	WIA	VK4TJ
28987.5	8	2015	4	3	2350		F3E				ASIAN	QG62an	WIA	VK4TJ

29000.0	8	2015	4	10	0415	F3E	ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2015	4	1	0015	A3E	ASIAN	QG62an	WIA	VK4TJ
29012.5	8	2015	4	1	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29015.0	6	2015	4	16	0800	A3E	ASIAN	QG62an	WIA	VK4TJ
29025.0	8	2015	4	1	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29035.0	6	2015	4	16	0800	A3E	ASIAN	QG62an	WIA	VK4TJ
29037.5	8	2015	4	10	0735	F3E	ASIAN	QG62an	WIA	VK4TJ
29050.0	8	2015	4	1	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29055.0	6	2015	4	21	0310	A3E	ASIAN	QG62an	WIA	VK4TJ
29062.5	8	2015	4	11	0530	F3E	ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2015	4	3	2330	F3E	ASIAN	QG62an	WIA	VK4TJ
29085.0	6	2015	4	20	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
29087.5	8	2015	4	10	0725	F3E	ASIAN	QG62an	WIA	VK4TJ
29095.0	6	2015	4	16	0805	A3E	ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2015	4	3	2325	F3E	ASIAN	QG62an	WIA	VK4TJ
29105.0	6	2015	4	20	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
29112.5	8	2015	4	10	0725	F3E	ASIAN	QG62an	WIA	VK4TJ
29115.0	6	2015	4	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
29125.0	8	2015	4	1	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29137.5	8	2015	4	3	2320	F3E	ASIAN	QG62an	WIA	VK4TJ
29150.0	8	2015	4	1	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29165.0	6	2015	4	20	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2015	4	1	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2015	4	1	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29195.0	2	2015	4	20	0140	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
29200.0	6	2015	4	1	2315	A3E	ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2015	4	10	0715	F3E	ASIAN	QG62an	WIA	VK4TJ
29215.0	6	2015	4	1	0015	A3E	ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2015	4	1	0015	F3E	ASIAN	QG62an	WIA	VK4TJ
29237.5	6	2015	4	7	0155	A3E	ASIAN	QG62an	WIA	VK4TJ
29250.0	6	2015	4	2	0850	A3E	ASIAN	QG62an	WIA	VK4TJ
29262.5	8	2015	4	10	0710	F3E	ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2015	4	10	0715	F3E	ASIAN	QG62an	WIA	VK4TJ
29287.5	8	2015	4	3	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
29300.0	6	2015	4	1	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
29312.5	8	2015	4	1	2315	F3E	ASIAN	QG62an	WIA	VK4TJ
29315.0	6	2015	4	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
29325.0	8	2015	4	1	0515	F3E	ASIAN	QG62an	WIA	VK4TJ
29335.0	2	2015	4	20	0150	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
29350.0	6	2015	4	1	0240	A3E	ASIAN	QG62an	WIA	VK4TJ
29362.5	8	2015	4	2	0830	F3E	ASIAN	QG62an	WIA	VK4TJ
29375.0	8	2015	4	1	0235	F3E	ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2015	4	1	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
29400.0	6	2015	4	1	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
29405.0	6	2015	4	1	0225	A3E	ASIAN	QG62an	WIA	VK4TJ

29412.5	8	2015	4	10	0420	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2015	4	1	0220	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	1	2015	4	1	0010	F1B	CONTINUOUS	QG62an	WIA	VK4TJ
29437.5	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29455.0	6	2015	4	21	0315	A3E	ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2015	4	2	0825	F3E	ASIAN	QG62an	WIA	VK4TJ
29465.0	6	2015	4	16	0805	A3E	ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29487.5	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29500.0	8	2015	4	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
29512.5	8	2015	4	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
29515.0	6	2015	4	1	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
29525.0	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29537.5	6	2015	4	1	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	6	2015	4	1	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	6	2015	4	3	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
29562.5	8	2015	4	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29587.5	8	2015	4	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
29600.0	6	2015	4	1	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2015	4	1	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2015	4	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
29637.5	8	2015	4	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
29650.0	1	2015	4	1	0005	F1B	CONTINUOUS	QG62an	WIA	VK4TJ
29650.0	8	2015	4	1	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
29655.0	6	2015	4	14	0720	A3E	ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2015	4	1	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2015	4	1	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2015	4	1	0050	F3E	ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2015	4	1	0005	F3E	ASIAN	QG62an	WIA	VK4TJ