



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



June 2015

Peter Young VK3MV

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

This month there were 753 observations of intruders made across the Region as compared to last month's number of 772.

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

The data signal with continuous dit beacon operation on 14301 kHz has been identified and within R3 a number of administrations have authorised use in the segment under the footnotes to the ITU Table of Allocations.

There are the usual intrusions RUS cw beacons stations on 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
3504.0		2015	6	15	1810		A1A					WF3A	CONFIRMED VIA EMAIL - NOT AMATEUR	QG62an	WIA	VK4TJ
3504		2015	06	13	<1849>	1849	A1A				USA	WF3A	Beacon like station WF4A Possible intruder or pirate it is not WF3AI	RF80HL	NZART	ZL2iFB
3505.0	2	2015	6	26	1140		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3505.0	3	2015	6	26	1140		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3510.0	2	2015	6	26	1140		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3515.0	2	2015	6	26	1145		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3519.0	1	2015	6	26	1845		F1B						DAILY, IDLING	QG62an	WIA	VK4TJ
3531.0	5	2015	6	1	1905		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3532.5	55	2015	06	12	<1930>	1930	P0N				?	Unid	OTHR S9 across CW subband 43 pps	RF80HL	NZART	ZL2iFB
3550.0	2	2015	6	27	2045		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3551.7	3	2015	6	8	1950		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3553.0	5	2015	6	28	2105		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3553.0	3	2015	6	4	1930		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ
3553.0	3	2015	6	26	1855		J3E/L						MUSIC	QG62an	WIA	VK4TJ
3554.0	5	2015	6	4	1930		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3560.0	6	2015	6	26	1855		A3E				NKR?		SW BROADCAST	QG62an	WIA	VK4TJ
3560.0	5	2015	6	26	1845		G7D						JAMMING A3E	QG62an	WIA	VK4TJ
3568.5		2015	6	8	1950		A1A						MIXED NUMBER/LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3574.0	3	2015	6	1	1955		J1C						FAX	QG62an	WIA	VK4TJ
3585.0	3	2015	6	1	1905		J1C				JPN		FAX	QG62an	WIA	VK4TJ
3588.0	5	2015	6	26	1850		G7D							QG62an	WIA	VK4TJ
3590.0	2	2015	6	26	1930		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3591.0	1	2015	6	26	1850		A1A					E	PACTOR SYNC SIGNAL	QG62an	WIA	VK4TJ
3597.0	3	2015	6	26	1850		J1C						FAX	QG62an	WIA	VK4TJ
3600.0	5	2015	6	4	1925		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3600	3.0	2015	06	14	12:07		J3E						music with no call	PM84UQ	JARL	
3608.0	1	2015	6	26	1900		F1B						ALE, BURSTS	QG62an	WIA	VK4TJ
3615.7	3	2015	6	4	1925		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ

3623.0	3	2015	6	1	1905	J1C	JPN	FAX	QG62an	WIA	VK4TJ
3631.0		2015	6	26	1850	A1A		MIXED NUMBER/LETTER CIPHER, SOME NON- ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3642.0		2015	6	4	1920	A1A	3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3650.0	150	2015	6	4	1915	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3656.0		2015	6	1	1910	A1A	S3DN	OVER & OVER	QG62an	WIA	VK4TJ
3675.0	150	2015	6	26	1850	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3690.0	2	2015	6	4	1920	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
3694.0	8	2015	6	8	1005	A3E		SW BROADCAST, ASIAN LANGUAGE, DISTORTED	QG62an	WIA	VK4TJ
3697.0	3	2015	6	1	1905	J1C		FAX	QG62an	WIA	VK4TJ
3706	0.5	2015	06	19	11:51	A1A		random number(...43 445 ua5244 6ntt46b...)	PM84UQ	JARL	
3706	0.5	2015	06	20	12:24	A1A		random number(...at5 u5 at7 ua573a ...)	PM84UQ	JARL	
3706	0.5	2015	06	21	13:36	A1A		random number	PM84UQ	JARL	
3706	0.5	2015	06	25	12:57	A1A		random number	PM84UQ	JARL	
3767.6	3	2015	6	30	0830	J3E/U		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
3770.0		2015	6	15	1915	A1A		MIXED NUMBER/LETTER CIPHER, SOME NON- ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3777.0		2015	6	1	1915	A1A	RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3787.0	5	2015	6	8	1940	G7D		DOZENS OF CLOSE- SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3791.5		2015	6	1	1915	A1A		MIXED NUMBER/LETTER CIPHER, SOME NON- ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
3796	0.5	2015	06	08	11:30	A1A		random number	PM84UQ	JARL	
3850		2015	06	13	<0620>	J3E/U	?	Unid Non Amateurs Asian S5-6	RE54HF	NZART	ZL4IV
3851.2		2015	06	30	<1816>	J3E/U	?	Unid Non Amateurs Asian speaking fishing boats	RE54HF	NZART	ZL4IV
3878		2015	06	10	<0515>	J3E/U	?	Unid Non Amateurs Asian speaking fishing boats	RE54HF	NZART	ZL4IV
6990.0	150	2015	6	8	1955	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000.0	3	2015	6	1	0815	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000.0	3	2015	6	16	1414	J3E/L	INS	Unid	QF95GC	WIA	VK5EEE
7000.0	3.5	2015	6	30	2045-2048\	J3E/L	???	Repeating Music, QRM to 7001.8	PF95gc	WIA	VK5EEE

7000.0	3	2015	6	30	2050-2055		J3E/L	INS		Testing in Bahasa Language	PF95gc	WIA	VK5EEE
7000		2015	06	DY	HX	HX	J3E/L	?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2015	06	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
7005.0	3	2015	6	1	1920		J3E/L			ASIAN MUSIC	QG62an	WIA	VK4TJ
7005.0	3	2015	6	1	0955		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2015	6	1	0715		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2015	6	16	1413		J3E/L	INS		Unid	QF95GC	WIA	VK5EEE
7005.0	3	2015	6	16	1422		J3E/L	INS		Unid	QF95GC	WIA	VK5EEE
7005.0	3	2015	6	18	1740		J3E/U	INS		MULTIPLE STATIONS IN BAHASA	PF95gc	WIA	VK5EEE
7005.0	0.1	2015	6	19	1915-2000		A1A	RUS	RGT77	13 Russian 5 Letter Groups Sent	PF95gc	WIA	VK5EEE
7005.0	0.1	2015	6	20	2000		A1A	RUS	RGT77	13 Russian 5 Letter Groups Sent	PF95gc	WIA	VK5EEE
7005.0	0.1	2015	6	29	2045		A1A	RUS	RGT77		PF95gc	WIA	VK5EEE
7010.0	3	2015	6	8	1955		J3E/L			ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7010.0	3	2015	6	1	0955		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	6	4	0955		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	6	16	1412		J3E/L	INS		Unid	QF95GC	WIA	VK5EEE
7010.0	3	2015	6	17	1225		J3E/U	INS		MULTIPLE STATIONS IN BAHASA	PF95gc	WIA	VK5EEE
7015.0	2	2015	6	8	1955		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	6	1	0845		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	6	1	0815		J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	6	17	1229		J3E/U	INS		MULTIPLE STATIONS IN BAHASA	PF95gc	WIA	VK5EEE
7015.0	0.1	2015	6	29	1350-1400		A1A	???	OE5M	5 Figure Numbers (Only 0 is cut as T) Hand Sent With Auto Keyer: IDS: IS4T DE OE5M QTC, QHLO DE OE5M QTC. 162 3329 19510 69 = 123 11111 then 30 5 fig groups = 123 +	PF95gc	WIA	VK5EEE
					1230					CW 4 figures cut numbers 8(D), 9(N), 2(U), T(0), A(1)			VK5EEE
7018.3	0.1	2015	6	29			A1A	CHN?			PF95gc	WIA	
7018.5	0.3	2015	6	29	2050-2150		F1B	???	OYFQ		PF95gc	WIA	VK5EEE
7020.0	3	2015	6	1	0820		J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ

7020.0	3	2015	6	1	0825	J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	6	16	1411	J3E/L	INS		Unid	QF95GC	WIA	VK5EEE
7020		2015	06	10	<2230>	J3E/U	IND	Unid	Non Amateurs Bahasa No callsigns S6	RF73HM	NZART	ZL3CX
7025.0	2	2015	6	22	1005	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	6	1	0840	J3E/L	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	6	1	0830	J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	6	16	1410	J3E/L	INS		Unid	QF95GC	WIA	VK5EEE
7025.0	3	2015	6	17	1230/	J3E/U	INS		MULTIPLE STATIONS IN BAHASA	PF95gc	WIA	VK5EEE
7025.0	3	2015	6	17	1240-1452	J3E/U	INS		MULTIPLE STATIONS IN BAHASA	PF95gc	WIA	VK5EEE
7027.5		2015	6	1	1900	A1A	RUS	V	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7027.5	0.1	2015	6	16	1404	A1A	RUS	V	"V" cw beacon continuous	QF95GC	WIA	VK5EEE
7027.5	0.1	2015	6	17	1430-1505	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	19	1845-2035	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	20	1425	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	20	2005-2040	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	22	1905	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	26	2030-2200	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	27	2135	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	29	1415-1420	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	29	2050	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	30	2050-2055	A1A	RUS	V		PF95gc	WIA	VK5EEE
7027.5	0.1	2015	6	18	1745	A1A	RUS	V		PF95gc	WIA	VK5EEE
7029.0	3	2015	6	11	1025	J3E/L	INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	2	2015	6	24	1010	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
7030.0	3	2015	6	1	0830	J3E/L	INS		DAILY, VILLAGE RADIO, SINGING	QG62an	WIA	VK4TJ
7030.0	3	2015	6	4	0955	J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	40	2015	6	26	1905	VXX			CODAR	QG62an	WIA	VK4TJ
7030.0	3	2015	6	16	1410	J3E/L			Unid	QF95GC	WIA	VK5EEE
7035.0	3	2015	6	1	1000	J3E/L	INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.0	3	2015	6	16	0745	J3E/U	INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7038.7		2015	06	DY	0300-2200	A1A	RUS	RCV	Beacon D, Sevastopol	RF72LQ	NZART	ZL1BAD
7038.8		2015	06	DY	0300-2200	A1A	RUS	RMP	Beacon P, Kalingrad	RF72LQ	NZART	ZL1BAD
7038.9		2015	06	DY	0300-2200	A1A	RUS	RIT	Beacon S, Severomorsk	RF72LQ	NZART	ZL1BAD
7039	0.5	2015	06	01	1010	A1A	321	RUS	Beacon	PM97	JARL	
7039	0.5	2015	06	01	1014	A1A	15	RUS	Beacon	PM97	JARL	

7039	0.5	2015	06	01	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	01	1226	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	01	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	01	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1016	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1850	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	02	1856	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1016	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1236	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1616	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	03	1846	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1026	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	04	1836	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1026	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1624	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	05	1844	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1016	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1618	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	06	1838	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2015	06	07	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	07	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1234	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	08	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1624	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	09	1844	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1030	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1034	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1214	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1614	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	10	1824	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	11	1020	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	11	1024	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	11	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	11	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	11	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	11	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	12	1020	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	12	1024	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	12	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	12	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	13	1030	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	13	1034	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	13	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	13	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	13	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL

7039	0.5	2015	06	13	1634	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	13	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1030	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1034	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1630	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1634	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	14	1910	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1040	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1044	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1624	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	15	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1040	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1044	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1224	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1624	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	06	16	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1030	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1034	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	17	1824	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1040	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1630	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1634	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	18	1844	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2015	06	19	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	19	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	19	1844	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1206	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1216	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	20	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1030	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1034	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1620	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1624	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	21	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1234	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2015	06	22	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	23	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	23	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	06	23	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	23	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	24	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	24	1630	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	24	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	25	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	25	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2015	06	25	1640	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	26	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	26	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	26	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	27	1350	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	27	1640	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	27	1816	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	28	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	28	1630	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	28	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2015	06	29	1040	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2015	06	29	1230		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	06	29	1620		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	06	29	1624		A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2015	06	29	1830		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	06	30	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	06	30	1620		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2015	06	30	1838		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039		2015	06	DY	0300-2200	0300-2200	A1A		RUS	RIW	Beacon C, Moscow	RF72LQ	NZART	ZL1BAD
7039.2		2015	6	1	0815		A1A		RUS	F	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.2		2015	06	DY	0300-2200	0300-2200	A1A		RUS	RIS	Beacon F, Vladivostok	RF72LQ	NZART	ZL1BAD
7039.3		2015	6	1	0900		A1A		RUS	K	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.3	0.1	2015	6	16	1422		A1A		RUS	K	"k" cw beacon continous	QF95GC	WIA	VK5EEE
7039.3		2015	06	DY	0300-2200	0300-2200	A1A		RUS	RCC	Beacon K, Petropavi	RF72LQ	NZART	ZL1BAD
7039.4		2015	6	1	0815		A1A		RUS	M	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4	0.1	2015	6	16	1418		A1A		RUS	M	"M" cw beacon continous	QF95GC	WIA	VK5EEE
7039.4		2015	06	DY	0300-2200	0300-2200	A1A		RUS	RTS	Beacon M, Magadan	RF72LQ	NZART	ZL1BAD
7040.0	100	2015	6	15	1815		P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7040	0.5	2015	06	03	09:37		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	04	11:43		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	05	11:45		A1A				train of "F","M,	PM84UQ	JARL	
7040	0.5	2015	06	08	11:27		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	15	11:57		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	16	11:37		A1A				train of "F","M","K"	PM84UQ	JARL	
7040	0.5	2015	06	17	12:55		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	18	10:55		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	19	11:59		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	20	12:37		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	21	13:47		A1A				train of "F","M"	PM84UQ	JARL	
7040	0.5	2015	06	23	12:51		A1A				train of "M","K"	PM84UQ	JARL	
7040	0.5	2015	06	23	14:05		A1A				train of "M","K"	PM84UQ	JARL	
7040	0.5	2015	06	25	12:59		A1A				train of "M","K"	PM84UQ	JARL	
7040	0.5	2015	06	26	10:40		A1A				train of "M","K"	PM84UQ	JARL	
7040	0.5	2015	06	27	11:39		A1A				train of "M","K"	PM84UQ	JARL	
7053.0	5	2015	6	26	1910		G7D					QG62an	WIA	VK4TJ
7070.0	3	2015	6	16	0740		J3E/U		INS		BAHASA SPEAKERS	QG62an	WIA	VK4TJ
7075.0	3	2015	6	1	1920		J3E/U				ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ

7082.0	0.1	2015	6	29	1040-1110	A1A	CHN?	2 stations handset auto keyer 4 fig groups cut number 0,1,2,8,9 (T,A,U,D,N).	PF95gc	WIA	VK5EEE
7100.0	3	2015	6	4	0950	J3E/U		ASIAN MUSIC	QG62an	WIA	VK4TJ
7100.0	40	2015	6	18	1000	VXX		CODAR	QG62an	WIA	VK4TJ
7105.0	1	2015	6	8	1015	F1B		CONTINUOUS	QG62an	WIA	VK4TJ
7111.0		2015	6	29	0800	A1A		MIXED NUMBER/LETTER CIPHER, SOME NON- ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7111.0	1	2015	6	15	1815	F1B		CONTINUOUS	QG62an	WIA	VK4TJ
7111.0	3	2015	6	25	0820	J3E/U		DAILY, ASIAN, PROBABLY BAHASA	QG62an	WIA	VK4TJ
7114		2015	06	25	<0030- 0045>	J3E/U	CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7115.0	1	2015	6	23	0830	F1B		BURSTS	QG62an	WIA	VK4TJ
7115.0	2	2015	6	23	0835	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
7120.0	8	2015	6	1	1900	A3E	SOM	RADIO HARGEISA	QG62an	WIA	VK4TJ
					1540-1545			VOICE OF THE			VK5EEE
7120.0	6	2015	6	17		A3E	ERI	BROAD MASSES	PF95gc	WIA	VK5EEE
					1740			VOICE OF THE			VK5EEE
7120.0	6	2015	6	18		A3E	ERI	BROAD MASSES	PF95gc	WIA	VK5EEE
					1850-2035			VOICE OF THE			VK5EEE
7120.0	6	2015	6	19		A3E	ERI	BROAD MASSES	PF95gc	WIA	VK5EEE
					2040			VOICE OF THE			VK5EEE
7120.0	6	2015	6	20		A3E	ERI	BROAD MASSES	PF95gc	WIA	VK5EEE
7121.0	5	2015	6	12	1000	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7122.0		2015	6	26	1910	A1A	RUS V	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7128.0	5	2015	6	12	1000	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7135.0	1	2015	6	28	2105	F1B		ALE	QG62an	WIA	VK4TJ
7135.0	3	2015	6	1	1925	J3E/U		ASIAN	QG62an	WIA	VK4TJ
7135.6		2015	06	24	<0030- 0045>	J3E/U	CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7142.8	3	2015	6	29	0805	J3E/U		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7144.0	1	2015	6	1	1925	F1B			QG62an	WIA	VK4TJ
7150.0		2015	6	12	1005	A1A		MIXED NUMBER/LETTER CIPHER, SOME NON-	QG62an	WIA	VK4TJ

										ENGLISH CHARACTERS			
7150.0	3	2015	6	12	1005	J3E/U		INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7155.0	3	2015	6	26	1910	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7160.0	40	2015	6	15	1815	VXX				CODAR	QG62an	WIA	VK4TJ
7161.0	3	2015	6	26	1910	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7162		2015	06	26	<0030-0045>	J3E/U		CHN	UNID	UNIDENTIFIED CHINESE SPEAKERS IN DIALOGUE	MK82	ARSI	
7165.7	3	2015	6	28	2110	J3E/U		PNG		TOK PIDGIN, ABOUT COMMERCIAL FISHING	QG62an	WIA	VK4TJ
7175.0	5	2015	6	26	1910	G7D					QG62an	WIA	VK4TJ
7177.2	3	2015	6	8	2000	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7180.0	3	2015	6	23	0825	J3E/U				ASIAN	QG62an	WIA	VK4TJ
7180.0	40	2015	6	1	1900	VXX				CODAR	QG62an	WIA	VK4TJ
7185.0	2	2015	6	29	0845	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7190.0	2	2015	6	29	0825	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
7193.0	3	2015	6	8	2000	J3E/U				ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7197.0	5	2015	6	4	0950	G7D				16 SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7200.0	8	2015	6	4	0950	A3E				SW BROADCAST, TRADITIONAL CHINESE MUSIC	QG62an	WIA	VK4TJ
7200		2015	06	24	<2025>	2025	A3E	TUK	V. of Turkey	Broadcast Station - Voice of Turkey ID @ 2030. English broadcast	RF72LQ	NZART	ZL1BAD
7205.0	11	2015	6	27	2115-2145	A3E		CHN		China Radio Int'l (Splatter to 7199)	PF95gc	WIA	VK5EEE
7205.0	11	2015	6	27	2115-2145	A3E		TUR		V.O.TURKEY (Splatter to 7199)	PF95gc	WIA	VK5EEE
10120.0	2	2015	6	22	0900	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
10120.0	40	2015	6	23	2340	VXX				CODAR	QG62an	WIA	VK4TJ
10130.0	50	2015	6	24	0940	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
10140.0	2	2015	6	15	0930	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
10145.0		2015	6	26	1915	A1A			SLBC	SLBC CALLING JKDJ	QG62an	WIA	VK4TJ
14000.0	2	2015	6	3	0710	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14000.0		2015	6	24	0845	N0N					QG62an	WIA	VK4TJ
14000		2015	06	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
14000.6	3	2015	6	29	0745	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14001		2015	06	30	<0230-0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

14005.0	5	2015	6	1	1930	G7D				DOZENS OF SUBCARRIERS ON APPROX 50 HZ INTERVALS	QG62an	WIA	VK4TJ
14005.0	2	2015	6	3	0645	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14008.0	1	2015	6	22	0830	F1B	250			DAILY	QG62an	WIA	VK4TJ
14010.0	5	2015	6	27	0700	G7D					QG62an	WIA	VK4TJ
14010.0	2	2015	6	3	0710	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14011.5	3	2015	6	14	2310	J3E/L				ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14013.0	3	2015	6	13	0645	J3E/U				SPANISH SPEAKERS	QG62an	WIA	VK4TJ
14013.0	3	2015	6	6	0650	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14014.0	1	2015	6	26	0645	F1B				ALE	QG62an	WIA	VK4TJ
14014.0	5	2015	6	12	0815	G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
14014		2015	06	22	<0305-0320>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2015	06	12	<0315-0330>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2015	06	28	<2253>	J3E/L	2253	CHN	Unid	Non Amateurs Chinese speaking S1	AH36TN	NZART	5W0JM
14015.0	2	2015	6	16	0645	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14016.0	1	2015	6	15	0650	F1B				ALE	QG62an	WIA	VK4TJ
14016.0	3	2015	6	2	0755	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14020.0	2	2015	6	17	0055	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14025.0	2	2015	6	16	0650	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14025.0	3	2015	6	13	2330	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14025.0	70	2015	6	10	2240	P0N				OTHR, BURSTS, MEDIUM PULSE RATE	QG62an	WIA	VK4TJ
14027.5	3	2015	6	4	2125	J3E/L				DAILY, ASIAN	QG62an	WIA	VK4TJ
14027.6		2015	06	28	<0710-0725	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14030.0	2	2015	6	4	0740	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14035.0	2	2015	6	16	0655	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14035.3	3	2015	6	8	0920	J3E/L				ASIAN	QG62an	WIA	VK4TJ
14036.5	3	2015	6	13	0645	J3E/U				ASIAN	QG62an	WIA	VK4TJ
14040.0	2	2015	6	4	2240	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
14042.7	3	2015	6	6	0840	J3E/U				DAILY, ASIAN	QG62an	WIA	VK4TJ
14044		2015	06	04	<0330-0345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

14044.5	3	2015	6	18	2200	J3E/L		PHL	TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14045.0	1	2015	6	16	0710	F1B	300		BURSTS	QG62an	WIA	VK4TJ
14045.0	2	2015	6	17	0435	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14048.0	3	2015	6	14	2305	J3E/U		PHL	DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050.0	1	2015	6	3	0800	F1B	75 250		CONTINUOUS	QG62an	WIA	VK4TJ
14050.0	2	2015	6	13	2150	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14050.0	3	2015	6	2	0725	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14050.0	200	2015	6	5	2255	P0N			OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14050.0	20	2015	6	5	2255	P0N			OTHR, BURSTS, MEDIUM PULSE RATE	QG62an	WIA	VK4TJ
14050		2015	06	30	<0040-0050>	J3E/L		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14050.5	3	2015	6	4	0805	J3E/U			DAILY, ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
14052.0	2	2015	6	6	0850	G7D			3 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14052.0	3	2015	6	6	0705	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14053.2	3	2015	6	11	0840	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14055.0	2	2015	6	4	2205	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14060.0	2	2015	6	10	0635	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14062.0	1	2015	6	27	0610	F1B			ALE	QG62an	WIA	VK4TJ
14063.0	10	2015	6	23	0525	VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
14064.0	1	2015	6	22	0835	F1B	250			QG62an	WIA	VK4TJ
14065.0	2	2015	6	6	0900	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14065.8	3	2015	6	1	0905	J3E/U			DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14070.3	3	2015	6	10	0635	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14075.0	2	2015	6	17	0450	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14080.0	2	2015	6	3	0845	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14080.0	3	2015	6	4	0825	J3E/U			DAILY, ASIAN	QG62an	WIA	VK4TJ
14080.0	100	2015	6	23	0820	P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14080.0	10	2015	6	6	0925	VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
14085.0	2	2015	6	24	0835	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14085	50	2015	06	25	<2300>	2300-2330 P0N		? Unid	OTHR 25 sec bursts. 10 secs between each burst. 40 pps	RF72LQ	NZART	ZL1BAD
14085	50	2015	06	28	<0355>	0355 P0N		? Unid	OTHR 25 sec bursts. 10 secs between each burst. 40 pps	RF72LQ	NZART	ZL1BAD
14085	50	2015	06	30	<2320>	2320 P0N		? Unid	OTHR Every 2 min. 10 pps	RF72LQ	NZART	ZL1BAD

14090.0	2	2015	6	13		0650		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14090.0	100	2015	6	8		0345		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14093.0	4	2015	6	23		820		P0N			OHR Radar	QF55N	WIA	VK2YAD
14093.3	3	2015	6	13		0750		J3E/U			ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
14094.0	3	2015	6	18		2240		J3E/U			ASIAN	QG62an	WIA	VK4TJ
14097.0	5	2015	6	24		0330		G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK3MV
14098.0	5	2015	6	24		0855		G7D			8 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK3MV
14100.0	2	2015	6	10		0710		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14100.0	100	2015	6	6		0540		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14100.0	30	2015	6	6		0540		P0N			OTHR, TRYING DIFFERENT HEADINGS	QG62an	WIA	VK4TJ
14108.0		2015	6	28		0820		A1A			MIXED NUMBER/LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
14110.0	2	2015	6	11		0035		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14110	10	2015	06	DY	HX		HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
14110	20	2015	06	07	<2300>		2300	P0N	?	Unid	OTHR Continuous 10 pps	RF72LQ	NZART	ZL1BAD
14111.5	3	2015	6	29		0210		J3E/U			SOUNDS ARABIC	QG62an	WIA	VK4TJ
14115.0	2	2015	6	11		0035		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14116.0	1	2015	6	6		0655		F1B		250	DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14116		2015	06	11	<2050>		2050	F1B	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14116		2015	06	12	<1955>		1955-2315	F1B	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14116		2015	06	13	<2055>		2055	F1B	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14116		2015	06	14	<2020>		2020	F1B	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14116		2015	06	16	<2050>		2050	F1B	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14116		2015	06	21	<1940>		1940	F1B	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14120.0	2	2015	6	4		0905		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14120.0	10	2015	6	27		0025		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14125.0	2	2015	6	11		0115		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14128.0	1	2015	6	8		2005		F1B			FOLLOWS G7D, ABOVE	QG62an	WIA	VK4TJ
14128.0	5	2015	6	8		2005		G7D			DOZENS OF SUBCARRIERS ON 100HZ INTERVALS	QG62an	WIA	VK4TJ
14130.0	150	2015	6	30		2250		P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14135.0	2	2015	6	11		0120		G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ

14143.0	5	2015	6	12	0820	G7D				DOZENS OF SUBCARRIERS ON 100HZ INTERVALS	QG62an	WIA	VK4TJ	
14145.0	2	2015	6	11	0130	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14146.0	3	2015	6	23	0630	J3E/U				BAHASA OR TAGALOG	QG62an	WIA	VK4TJ	
14148.0	3	2015	6	17	0540	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ	
14148.0	3	2015	6	17	0540	J3E/U				ASIAN, FOLLOWS G7D, ABOVE	QG62an	WIA	VK4TJ	
14149.0	3	2015	6	22	0835	J3E/U				ASIAN, FAMILY NET	QG62an	WIA	VK4TJ	
14150.0	2	2015	6	17	0540	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14155.0	2	2015	6	17	0545	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14160.0		2015	6	21	0645	A1A				MIXED NUMBER/LETTER CIPHER, SOME NON- ENGLISH CHARACTERS	QG62an	WIA	VK4TJ	
14160.0	2	2015	6	17	0545	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14175.0	2	2015	6	17	0600	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14190.0	2	2015	6	11	0230	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14190.0	20	2015	6	5	0715	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ	
14192	10	2015	06	05	<2235>	2235- 2239	P0N		?	Unid	OTHR Every 15 secs, stop at 2239.	RF72LQ	NZART	ZL1BAD
14200.0	2	2015	6	17	0615	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ	
14200.0	40	2015	6	8	0935	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ	
14200.0	25	2015	6	23	0630	VXX				CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ	
14202.0	3	2015	6	23	0630	J3E/U			PHL	TAGALOG SPEAKERS	QG62an	WIA	VK4TJ	
14206.0	5	2015	6	23	0635	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ	
14208.4	3	2015	6	12	0825	J3E/U				ASIAN FAMILY NET	QG62an	WIA	VK3MV	
14213.0	5	2015	6	17	0640	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ	
14214.0		2015	6	1	0710	A1A				DAILY, NUMBER CIPHER	QG62an	WIA	VK4TJ	
14220		2015	06	05	<2100>	2100	A3E		?	Unid	Broadcast Station	RF72LQ	NZART	ZL1BAD
14221.0	1	2015	6	1	2245	F1B		200			DAILY	QG62an	WIA	VK4TJ
14221		2015	06	06	<2105>	2105	F1B	200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	07	<2020>	2020	F1B	200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	09	<0130>	0130	F1B	200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	11	<2050>	2050	F1B	200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	13	<2050>	2050	F1B	75 200	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD

14221		2015	06	14	<0135>	0135	F1B	75	200	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14221		2015	06	14	<2020>	2020	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	16	<2050>	2050	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	17	<2020>	2020	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	18	<2120>	2120	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	19	<0220>	0220	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	20	<2030>	2030	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	23	<2045>	2045	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	26	<2015>	2015	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14221		2015	06	27	<2015>	2015	F1B	75	200	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14221		2015	06	30	<2130>	2130	F1B		200	?	Unid	RTTY Idling	RF72LQ	NZART	ZL1BAD
14233.0	1	2015	6	27		0815	F1B					ALE	QG62an	WIA	VK4TJ
14240.0	1	2015	6	1		0650	F1B		250			DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14247.8	3	2015	6	14		2315	J3E/U					ASIAN, NOT CHINESE, FISHBOATS	QG62an	WIA	VK4TJ
14260.0	5	2015	6	12		0820	G7D					DOZENS OF SUBCARRIERS ON 100HZ INTERVALS	QG62an	WIA	VK4TJ
14270.0	100	2015	6	6		0545	P0N					OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14293.0	1	2015	6	29		0755	F1B		200			DAILY	QG62an	WIA	VK4TJ
14295.0	8	2015	6	1		1935	A3E			TJK		3RD HARMONIC	QG62an	WIA	VK4TJ
14295.0	10	2015	6	8		2010	P0N					SLOW PULSE RATE	QG62an	WIA	VK4TJ
14300	10	2015	06	18	<0205>	0205	P0N			?	Unid	OTHR Every 1 min.	RF72LQ	NZART	ZL1BAD
14301		2015	06	DY	<0715>	0715- 2000	G7D			PRC	Unid	Chinese BPSK signal Pips & traffic	RF72LQ	NZART	ZL1BAD
14301.5		2015	6	1		0735	A1A				E	FACTOR SYNC	QG62an	WIA	VK4TJ
14302.8	3	2015	6	11		0820	J3E/U			PHL		SIGNAL TAGALOG	QG62an	WIA	VK4TJ
14317.5	3	2015	6	28		0835	J3E/U					SPEAKERS ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
14336.0	3	2015	6	1		0910	J3E/L					DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14342.0	1	2015	6	24		0855	F1B					ALE	QG62an	WIA	VK4TJ
14350.0	20	2015	6	27		0835	P0N					SHORT BURSTS	QG62an	WIA	VK4TJ
18050.0	100	2015	6	24		0500	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18070.0	30	2015	6	13		0610	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18080.0	3	2015	6	16		0710	J3E/U					ASIAN	QG62an	WIA	VK4TJ
18080.0	30	2015	6	17		0710	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18090.0	2	2015	6	28		0110	G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
18200.0	200	2015	6	23		0645	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21000		2015	06	DY	HX	HX	G7DE/F			?	Unid	HF Man Pack 1, 6, & 8 PS	RF72LQ	NZART	ZL1BAD
21037.0	3	2015	6	22		0730	J3E/L					ASIAN	QG62an	WIA	VK4TJ
21040.0	2	2015	6	22		0725	G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21080.0	2	2015	6	16		0715	G7DF					MANPACK RADIO	QG62an	WIA	VK4TJ
21113.0	1	2015	6	15		0855	F1B		200			DAILY, ENCRYPTED	QG62an	WIA	VK4TJ

21140	160	2015	06	11	<0130>	0130	P0N	?	Unid	Continuous 13 pps	RF72LQ	NZART	ZL1BAD
21200	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
21202	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
21206	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
21208.0	3	2015	6	23		0645	J3E/L			ASIAN	QG62an	WIA	VK4TJ
21210.0	25	2015	6	16		0150	VXX			CODAR-LIKE	QG62an	WIA	VK4TJ
21220.0	40	2015	6	25		0040	VXX			SWEEPS			
										CODAR-LIKE	QG62an	WIA	VK4TJ
21222	20	2015	06	DY	HX	HX	P0N	?	Unid	SWEEPS			
										OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21225	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21230.0	25	2015	6	22		0555	VXX			CODAR-LIKE	QG62an	WIA	VK4TJ
										SWEEPS			
21230	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21232	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21233	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21235	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on 7 pps			
21240	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21248	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21250	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21255	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21260	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21265	50	2015	06	17	<0310>	0310	P0N	?	Unid	OTHR On 16 secs,	RF72LQ	NZART	ZL1BAD
										every 1.20Mins 5 pps			
21265	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21270.0	40	2015	6	16		0715	VXX			CODAR-LIKE	QG62an	WIA	VK4TJ
										SWEEPS			
21270	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21272	20	2015	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
										secs on @ 7 pps			
21280.0	40	2015	6	25		0040	VXX			CODAR-LIKE	QG62an	WIA	VK4TJ
										SWEEPS			
21290.0	20	2015	6	24		0115	P0N			OTHR, BURSTS WITH	QG62an	WIA	VK4TJ
										PIP TONE			

21404.0	3	2015	6	23		0805	J3E/U			TAGALOG OR BAHASA	QG62an	WIA	VK4TJ
24900		2015	06	DY	HX		G7DE/F	?	Unid	HF Man Pack 1 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
24905.0	6	2015	6	10		0130	A3E			ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2015	6	10		0130	A3E			ASIAN	QG62an	WIA	VK4TJ
24955.0	6	2015	6	11		0545	A3E			ASIAN	QG62an	WIA	VK4TJ
24965.0	6	2015	6	16		0145	A3E			ASIAN	QG62an	WIA	VK4TJ
24975.0	6	2015	6	11		0615	A3E			ASIAN	QG62an	WIA	VK4TJ
24985.0	6	2015	6	10		0130	A3E			ASIAN	QG62an	WIA	VK4TJ
24990.0	20	2015	6	2		0310	P0N			OTHR, LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
27990.0	20	2015	6	11		0700	P0N			BURSTS	QG62an	WIA	VK4TJ
28000.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28000		2015	06	DY	HX		G7DE/F	?	Unid	HF Man Pack 1,6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28005.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28010.0	6	2015	6	9		2345	A3E			ASIAN	QG62an	WIA	VK4TJ
28012.5	8	2015	6	10		0025	F3E			ASIAN	QG62an	WIA	VK4TJ
28015.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28025.0	8	2015	6	4		0125	F3E			ASIAN	QG62an	WIA	VK4TJ
28035.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28037.5	8	2015	6	9		2345	F3E			ASIAN	QG62an	WIA	VK4TJ
28040.0	6	2015	6	11		0700	A3E			ASIAN	QG62an	WIA	VK4TJ
28040.0	200	2015	6	12		0230	P0N		IRN	OTHR	QG62an	WIA	VK4TJ
28045.0	6	2015	6	13		0030	A3E			ASIAN	QG62an	WIA	VK4TJ
28050.0	8	2015	6	7		2235	F3E			ASIAN	QG62an	WIA	VK4TJ
28055.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28060.0	1	2015	6	8		0100	F1B			WAVERIDER BUOY	QG62an	WIA	VK4TJ
28060.0	2	2015	6	11		0630	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28062.5	8	2015	6	13		0030	F3E			ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2015	6	24		0015	A3E			SPANISH SPEAKERS	QG62an	WIA	VK4TJ
28075.0	6	2015	6	8		0020	A3E			ASIAN	QG62an	WIA	VK4TJ
28080.0	2	2015	6	15		0630	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28080.0	200	2015	6	11		0630	P0N		IRN	OTHR	QG62an	WIA	VK4TJ
28085.0	6	2015	6	4		0125	A3E			ASIAN	QG62an	WIA	VK4TJ
28087.5	8	2015	6	9		2345	F3E			ASIAN	QG62an	WIA	VK4TJ
28100.0	6	2015	6	9		2345	A3E			ASIAN	QG62an	WIA	VK4TJ
28105.0	6	2015	6	8		0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28112.5	8	2015	6	9		2345	F3E			ASIAN	QG62an	WIA	VK4TJ
28115.0	6	2015	6	4		0145	A3E			ASIAN	QG62an	WIA	VK4TJ
28125.0	8	2015	6	4		0125	F3E			ASIAN	QG62an	WIA	VK4TJ
28135.0	6	2015	6	8		0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28137.5	8	2015	6	15		0000	F3E			ASIAN	QG62an	WIA	VK4TJ

28145.0	6	2015	6	4	0145	A3E			ASIAN	QG62an	WIA	VK4TJ
28150.0	6	2015	6	11	0415	A3E			ASIAN	QG62an	WIA	VK4TJ
28150.0	2	2015	6	11	0355	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28155.0	6	2015	6	4	0145	A3E			ASIAN	QG62an	WIA	VK4TJ
28160.0	2	2015	6	11	0430	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28165.0	6	2015	6	9	2350	A3E			ASIAN	QG62an	WIA	VK4TJ
28170.0	6	2015	6	8	0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28175.0	8	2015	6	8	0025	F3E			ASIAN	QG62an	WIA	VK4TJ
28185.0	6	2015	6	8	0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28185.0	2	2015	6	15	0235	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28188.7		2015	06	01	<0534>	0534	N0N	?	Unid	Continuous carrier N0N S2	RF73MF	NZART ZL1GWE
28190.0	6	2015	6	16	0140	A3E			ASIAN	QG62an	WIA	VK4TJ
28195.0	6	2015	6	8	0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28196.0	3	2015	6	11	0655	J3E/U			ASIAN	QG62an	WIA	VK4TJ
28200.0	6	2015	6	16	0140	A3E			ASIAN	QG62an	WIA	VK4TJ
28205.0	6	2015	6	8	0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28212.5	8	2015	6	15	0245	F3E			ASIAN	QG62an	WIA	VK4TJ
28215.0	6	2015	6	4	0150	A3E			ASIAN	QG62an	WIA	VK4TJ
28219.0	6	2015	6	8	2155	A3E			ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2015	6	8	0025	F3E			ASIAN	QG62an	WIA	VK4TJ
28235.0	6	2015	6	8	0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28237.5	8	2015	6	29	0415	F3E			ASIAN	QG62an	WIA	VK4TJ
28245.0	6	2015	6	8	0025	A3E			ASIAN	QG62an	WIA	VK4TJ
28250.0	6	2015	6	15	0255	A3E			ASIAN	QG62an	WIA	VK4TJ
28255.0	6	2015	6	4	0150	A3E			ASIAN	QG62an	WIA	VK4TJ
28262.5	8	2015	6	15	0315	F3E			ASIAN	QG62an	WIA	VK4TJ
28265.0	6	2015	6	4	0150	A3E			ASIAN	QG62an	WIA	VK4TJ
28265.0	2	2015	6	8	0025	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28275.0	8	2015	6	8	0025	F3E			ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2015	6	8	0030	A3E			ASIAN	QG62an	WIA	VK4TJ
28287.5	8	2015	6	11	0650	F3E			ASIAN	QG62an	WIA	VK4TJ
28295.0	6	2015	6	8	0030	A3E			ASIAN	QG62an	WIA	VK4TJ
28300.0	8	2015	6	15	0005	F3E			ASIAN	QG62an	WIA	VK4TJ
28305.0	6	2015	6	11	0650	A3E			ASIAN	QG62an	WIA	VK4TJ
28315.0	6	2015	6	8	0210	A3E			ASIAN	QG62an	WIA	VK4TJ
28325.0	6	2015	6	9	2355	A3E			ASIAN	QG62an	WIA	VK4TJ
28335.0	6	2015	6	9	2355	A3E			ASIAN	QG62an	WIA	VK4TJ
28355.0	6	2015	6	8	0535	A3E			ASIAN	QG62an	WIA	VK4TJ
28360.0	2	2015	6	9	2355	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28365.0	6	2015	6	8	0535	A3E			ASIAN	QG62an	WIA	VK4TJ
28365.0	2	2015	6	16	0020	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
28375.0	8	2015	6	8	0520	F3E			ASIAN	QG62an	WIA	VK4TJ
28385.0	6	2015	6	8	0535	A3E			ASIAN	QG62an	WIA	VK4TJ
28390.0	2	2015	6	16	0020	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ

28400.0	8	2015	6	8		0540	F3E			ASIAN	QG62an	WIA	VK4TJ	
28405.0	6	2015	6	8		0540	A3E			ASIAN	QG62an	WIA	VK4TJ	
28415.0	6	2015	6	4		0150	A3E			ASIAN	QG62an	WIA	VK4TJ	
28425.0	8	2015	6	4		0130	F3E			ASIAN	QG62an	WIA	VK4TJ	
28435.0	6	2015	6	4		0130	A3E			ASIAN	QG62an	WIA	VK4TJ	
28450.0	6	2015	6	15		0005	A3E			ASIAN	QG62an	WIA	VK4TJ	
28455.0	6	2015	6	8		0545	A3E			ASIAN	QG62an	WIA	VK4TJ	
28462.5	8	2015	6	15		0115	F3E			ASIAN	QG62an	WIA	VK4TJ	
28465.0	6	2015	6	8		0545	A3E			ASIAN	QG62an	WIA	VK4TJ	
28475.0	8	2015	6	8		0545	F3E			ASIAN	QG62an	WIA	VK4TJ	
28485.0	6	2015	6	8		0215	A3E			ASIAN	QG62an	WIA	VK4TJ	
28495.0	6	2015	6	16		0015	A3E			ASIAN	QG62an	WIA	VK4TJ	
28505.0	6	2015	6	8		0545	A3E			ASIAN	QG62an	WIA	VK4TJ	
28512.5	8	2015	6	15		0115	F3E			ASIAN	QG62an	WIA	VK4TJ	
28515.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28525.0	6	2015	6	10		0000	A3E			ASIAN	QG62an	WIA	VK4TJ	
28535.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28537.5	8	2015	6	10		0000	F3E			ASIAN	QG62an	WIA	VK4TJ	
28550.0	6	2015	6	10		0000	A3E			ASIAN	QG62an	WIA	VK4TJ	
28555.0	6	2015	6	4		0150	A3E			ASIAN	QG62an	WIA	VK4TJ	
28565.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28575.0	8	2015	6	10		0005	F3E			ASIAN	QG62an	WIA	VK4TJ	
28585.0	6	2015	6	15		0010	A3E			ASIAN	QG62an	WIA	VK4TJ	
28590	50	2015	06	DY	HX		HX	P0N	IRN	OTHR	OTHR Iranian 2 tones Continuous	RF72LQ	NZART	ZL1BAD
28595.0	6	2015	6	4		0150	A3E			ASIAN	QG62an	WIA	VK4TJ	
28600.0	6	2015	6	15		0010	A3E			ASIAN	QG62an	WIA	VK4TJ	
28600.0	200	2015	6	24		0500	P0N		IRN	OTHR	QG62an	WIA	VK4TJ	
28605.0	6	2015	6	10		0005	A3E			ASIAN	QG62an	WIA	VK4TJ	
28615.0	6	2015	6	10		0005	A3E			ASIAN	QG62an	WIA	VK4TJ	
28625.0	8	2015	6	4		0155	F3E			ASIAN	QG62an	WIA	VK4TJ	
28635.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28645.0	6	2015	6	15		0010	A3E			ASIAN	QG62an	WIA	VK4TJ	
28655.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28655.0	2	2015	6	4		0135	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ	
28665.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28675.0	8	2015	6	4		0135	F3E			ASIAN	QG62an	WIA	VK4TJ	
28685.0	6	2015	6	4		0135	A3E			ASIAN	QG62an	WIA	VK4TJ	
28690.0	2	2015	6	15		0010	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ	
28695.0	6	2015	6	16		0125	A3E			ASIAN	QG62an	WIA	VK4TJ	
28700.0	6	2015	6	15		0010	A3E			ASIAN	QG62an	WIA	VK4TJ	
28705.0	6	2015	6	10		0005	A3E			ASIAN	QG62an	WIA	VK4TJ	
28715.0	6	2015	6	10		0005	A3E			ASIAN	QG62an	WIA	VK4TJ	
28725.0	8	2015	6	10		0010	F3E			ASIAN	QG62an	WIA	VK4TJ	
28735.0	6	2015	6	4		0155	A3E			ASIAN	QG62an	WIA	VK4TJ	

28737.5	8	2015	6	16	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
28745.0	6	2015	6	10	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
28750.0	6	2015	6	15	0015	A3E	ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2015	6	4	0155	A3E	ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2015	6	10	0010	A3E	ASIAN	QG62an	WIA	VK4TJ
28775.0	8	2015	6	10	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
28800.0	8	2015	6	10	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
28812.5	8	2015	16	17	0010	F3E	ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2015	6	16	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28825.0	6	2015	6	17	0710	A3E	ASIAN	QG62an	WIA	VK4TJ
28835.0	6	2015	6	16	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28850.0	6	2015	6	17	0710	A3E	ASIAN	QG62an	WIA	VK4TJ
28862.5	8	2015	6	8	0555	F3E	ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2015	6	15	0035	A3E	ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2015	6	16	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
28912.5	8	2015	6	17	0800	F3E	ASIAN	QG62an	WIA	VK4TJ
28925.0	8	2015	6	8	0600	F3E	ASIAN	QG62an	WIA	VK4TJ
28955.0	6	2015	6	8	0600	A3E	ASIAN	QG62an	WIA	VK4TJ
28962.5	8	2015	6	11	0650	F3E	ASIAN	QG62an	WIA	VK4TJ
28985.0	6	2015	6	16	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
29000.0	8	2015	6	11	0650	F3E	ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2015	6	15	0035	A3E	ASIAN	QG62an	WIA	VK4TJ
29050.0	8	2015	6	8	0600	F3E	ASIAN	QG62an	WIA	VK4TJ
29062.5	8	2015	6	8	0600	F3E	ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2015	6	11	0645	F3E	ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2015	6	11	0645	F3E	ASIAN	QG62an	WIA	VK4TJ
29125.0	8	2015	6	11	0645	F3E	ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2015	6	16	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2015	6	16	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
29200.0	8	2015	6	11	0645	F3E	ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2015	6	16	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2015	6	11	0645	F3E	ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2015	6	16	0030	F3E	ASIAN	QG62an	WIA	VK4TJ
29300.0	8	2015	6	11	0640	F3E	ASIAN	QG62an	WIA	VK4TJ
29337.5	8	2015	6	16	0020	F3E	ASIAN	QG62an	WIA	VK4TJ
29350.0	8	2015	6	11	0640	F3E	ASIAN	QG62an	WIA	VK4TJ
29362.5	8	2015	6	16	0020	F3E	ASIAN	QG62an	WIA	VK4TJ
29375.0	8	2015	6	15	0110	F3E	ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2015	6	16	0020	F3E	ASIAN	QG62an	WIA	VK4TJ
29400.0	8	2015	6	11	0640	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2015	6	11	0640	F3E	ASIAN	QG62an	WIA	VK4TJ
29437.5	8	2015	6	12	0435	F3E	ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2015	6	11	0640	F3E	ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2015	6	15	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2015	6	12	0425	F3E	ASIAN	QG62an	WIA	VK4TJ

29525.0	8	2015	6	12	0340	F3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	8	2015	6	12	0330	F3E	ASIAN	QG62an	WIA	VK4TJ
29562.5	8	2015	6	11	0740	F3E	ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2015	6	11	0735	F3E	ASIAN	QG62an	WIA	VK4TJ
29587.5	8	2015	6	15	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29600.0	8	2015	6	12	0310	F3E	ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2015	6	11	0720	F3E	ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2015	6	11	0720	F3E	ASIAN	QG62an	WIA	VK4TJ
29637.5	8	2015	6	12	0310	F3E	ASIAN	QG62an	WIA	VK4TJ
29650.0	8	2015	6	12	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2015	6	11	0300	F3E	ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2015	6	11	0710	F3E	ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2015	6	12	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2015	6	11	0635	F3E	ASIAN	QG62an	WIA	VK4TJ