



# INTERNATIONAL AMATEUR RADIO UNION

## REGION THREE

### MONITORING SYSTEM REPORT



September 2012

Peter Young VK3MV

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

This month there were 1103 observations made across the Region, as compared to last month of 1073.

Congratulations to John VK4TJ, who logged 500 observations this month. A really mammoth amount of work.

This month there is an increase in the number of intrusions in the higher frequency bands, particularly from OHR Radars on 15 meters. Some OHR emissions into northern Australia are very strong and a report has been filed with the Australian Regulator, seeking information and their removal. With propagation on the improve there are more detection of intrusions on 10 meters from low power commercial like services.

Again this month, further reports of " HF Man Packs" emissions are being logged, but due to the random nature of these emissions a possible location source is difficult to determine. Further reports are requested to determine a location. See the details of frequencies and times listed below.

The Burmese broadcast station operating on 7110 kHz, is still operational and has been reported to the Australian Regulator.

Thank you to all the regional observers for their reports, these reports are vital and are really appreciated. Keep them coming.

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

Peter – VK3MV

<b>kHz</b>	<b>BW</b>	<b>YYYY</b>	<b>MM</b>	<b>DD</b>	<b>GMT</b>	<b>UTC</b>	<b>Emm</b>	<b>Bd</b>	<b>Sft</b>	<b>Hdg</b>	<b>ADM</b>	<b>ID</b>	<b>Description</b>	<b>Grid</b>	<b>Society</b>	<b>Notes</b>
3544.0	1	2012	9	15	2025		F1B		220				CONTINUOUS	QG52xi	WIA	VK4TJ
3548.0	1	2012	9	3	2020		F1B		200				CONTINUOUS MANY SUBCARRIERS, RANDOM INTERVAL SPACING	QG52xi	WIA	VK4TJ
3554.0	5	2012	9	17	1950		G7D						DAILY	QG52xi	WIA	VK4TJ
3584.0	3	2012	9	2	1950		J1C						BAHASA, MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
3589.6	8	2012	9	30	1930		A3E						HF MANPACK	QG52xi	WIA	VK4TJ
3590.0	5	2012	9	8	1930		G7DF						DAILY	QG52xi	WIA	VK4TJ
3623.0	3	2012	9	2	1950		J1C						HF MANPACK	QG52xi	WIA	VK4TJ
3640.0	5	2012	9	8	1925		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ
3665.0	5	2012	9	26	1940		G7DF						ASIAN, SOUNDS JAPANESE MIXED	QG52xi	WIA	VK4TJ
3684.6	3	2012	9	30	1925		J3E/U						NUMBER/LETTER CIPHER, CHIRPY	QG52xi	WIA	VK4TJ
3690.8		2012	9	30	1925		A1A						NUMBER CIPHER	QG52xi	WIA	VK4TJ
3694.4		2012	9	30	1920		A1A						HARBOUR BEACON	QG52xi	WIA	VK4TJ
3756.6		2012	9	16	1950		A1A				RU	E	H2FL DE DRV8	QG52xi	WIA	VK4TJ
3778.0		2012	9	17	1950		A1A					DRV8	H2FL DE DRV8	QG52xi	WIA	VK4TJ
3797.0		2012	9	16	1950		A1A					DRV8	DAILY, OTHR, SPILLS INTO AMATEUR BAND	QG52xi	WIA	VK4TJ
6990.0	50	2012	9	1	0925		P0N						CODAR	QG52xi	WIA	VK4TJ
7000.0	40	2012	9	23	1835		VXX						DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000.0	3	2012	9	1	0910		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2012	9	12	0920		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2012	9	1	0910		J3E/U				INS		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
7007.0	3	2012	9	3	1025		J3E/U						100'S OF SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA	VK4TJ
7009.0	5	2012	9	23	1830		G7D						HF MANPACK	QG52xi	WIA	VK4TJ
7010.0	5	2012	9	11	0835		G7DF						DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2012	9	3	1030		J3E/L				INS		SOUNDS ARABIC	QG52xi	WIA	VK4TJ
7010.0	3	2012	9	25	1910		J3E/U						DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2012	9	1	0925		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2012	9	6	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2012	9	1	0910		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ



7062.0	5	2012	9	8	1940	G7D		APPROX 12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7078.0	5	2012	9	14	2010	G7D		100's OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
7085.0	5	2012	9	22	2000	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
7090.0	5	2012	9	4	2000	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
7095.0	1	2012	9	15	2030	F1B		IDLING	QG52xi	WIA	VK4TJ
7100.0	3	2012	9	8	1030	J3E/L	INS	DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7105.0	1	2012	9	28	0825	F1B		SELCALL TONES OR ARQ	QG52xi	WIA	VK4TJ
7105.0		2012	9	27	2100	N0N		SW BROADCASTER, NO AUDIO	QG52xi	WIA	VK4TJ
7105.0	5	2012	9	26	0730	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
7110.0	8	2012	9	3	1030	A3E	BRM	SW BROADCAST	QG52xi	WIA	VK4TJ
7115.0	5	2012	9	28	2005	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
7116.0	5	2012	9	14	2010	G7D		100's OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
7116.5	5	2012	9	29	1955	G7D		2 MAIN SUBCARRIERS 1000 HZ APART, MANY MINOR ONES 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
7117.0	5	2012	9	2	1955	G7D		DAILY, 8 SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA	VK4TJ
7118.4	3	2012	9	3	1030	J3E/U	INS	BAHASA SW BROADCAST, RADIO	QG52xi	WIA	VK4TJ
7120.0	8	2012	9	23	1820	A3E	SOM	HARGEISA	QG52xi	WIA	VK4TJ
7120.0	5	2012	9	13	2015	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
7122.0	3	2012	9	8	1025	G7D		3 PAIRS OF SUBCARRIERS ON 400 HZ INTERVALS	QG52xi	WIA	VK4TJ
7128.0	5	2012	9	28	0920	G1D		BROAD PSK	QG52xi	WIA	VK4TJ
7135.0	3	2012	9	21	1940	J3E/U		BAHASA OR TAGALOG, FISHBOATS	QG52xi	WIA	VK4TJ
7135.2	3	2012	9	22	2000	J3E/U		BAHASA OR TAGALOG, FISHBOATS	QG52xi	WIA	VK4TJ
7151.1	3	2012	9	11	0840	J3E/U	INS	BAHASA	QG52xi	WIA	VK4TJ
7156.0	3	2012	9	28	0920	J3E/U	INS	BAHASA	QG52xi	WIA	VK4TJ

7160.0	40	2012	9	18	1950	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7162.0	1	2012	9	25	1900	F1B	250				QG52xi	WIA	VK4TJ
7162.0	3	2012	9	22	0910	J3E/U				ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
7163.0	5	2012	9	20	1140	G7D				100's OF SUBCARRIERS ON 50 HZ	QG52xi	WIA	VK4TJ
7171.7	3	2012	9	1	0845	J3E/U		INS		INTERVALS	QG52xi	WIA	VK4TJ
7172.0		2012	9	23	1825	A1A				DAILY, BAHASA LETTER CIPHER, SOME NON- ENGLISH	QG52xi	WIA	VK4TJ
7176.0	1	2012	9	2	1955	F1B	250			CHARACTERS	QG52xi	WIA	VK4TJ
7176.0	5	2012	9	22	1940	G7D				8 SUBCARRIERS ON 200 HZ	QG52xi	WIA	VK4TJ
7176.9	3	2012	9	28	0915	J3E/U				INTERVALS, HEAVY PSK	QG52xi	WIA	VK4TJ
7177.4	3	2012	9	14	0945	J3E/U				ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
7180.0	3	2012	9	12	0925	J3E/U				ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
7185.8	8	2012	9	20	1140	A3E		BRM		SW BROADCAST, NEW FREQ, DIFFERENT	QG52xi	WIA	VK4TJ
7190.2	3	2012	9	22	1935	J3E/U				PROGRAMMING	QG52xi	WIA	VK4TJ
7193.4	3	2012	9	17	2005	J3E/U				ASIAN DAILY, ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
7195.0	8	2012	9	14	0945	A3E				TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
7196.3	1	2012	9	12	0930	G1D				DAILY, SW	QG52xi	WIA	VK4TJ
7200.0	8	2012	9	2	1955	A3E		SUD		BROADCAST	QG52xi	WIA	VK4TJ
7220.0	5	2012	9	9	0900	G7DF				DAILY, SW	QG52xi	WIA	VK4TJ
10120.0	5	2012	9	27	0735	G7DF				BROADCAST	QG52xi	WIA	VK4TJ
10140.0	8	2012	9	5	1000	A3E		KRE		HF MANPACK	QG52xi	WIA	VK4TJ
10150.0	20	2012	9	28	2015	P0N				HF MANPACK	QG52xi	WIA	VK4TJ
13999	3	2012	9	15	23:40-- 23:50	J3E/L	315	CLN		SW BROADCAST	QG52xi	WIA	VK4TJ
14000	3	2012	9	1	07:06-- 07:08	J3E/U	315	CLN		OTHR Group of males, outside of 20m band	OF84wx	WIA	VK6XW
										2 males, short call	OF84wx	WIA	VK6XW

14000	3	2012	9	3	<01:55-- 02:12	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	3	06:48-- 06:51	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	3	08:50-- 09:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	4	00:22-- 00:45	J3E/U	315	CLN	2 malesRe/b/cast music and talking	OF84wx	WIA	VK6XW
14000	3	2012	9	4	01:18-- 02:30	J3E/U	315	CLN	2 males. on-off about 4 times per hr	OF84wx	WIA	VK6XW
14000	3	2012	9	4	04:35-- 05*14	J3E/U	315	CLN	2 males on-off about 4 times per hr	OF84wx	WIA	VK6XW
14000	3	2012	9	4	07:20-- 09:35	J3E/U	315	CLN	2 males on-off music and singing	OF84wx	WIA	VK6XW
14000	3	2012	9	4	23:15-- 00:25	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	5	06:55-- 09:18	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	5	23:12-- 23:45	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	6	00:10-- 00:18	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	6	04:12-- 09:05	J3E/U	315	CLN	Group of males, on-off about 4 times per hour	OF84wx	WIA	VK6XW
14000	3	2012	9	6	23:30-- 03:40	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	7	04:30-- 04:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	7	07:50-- 09:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	7	23:10-- 00:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	9	8	05:02-- 09:07	J3E/U	315	CLN	Group of males, very busy the last hour	OF84wx	WIA	VK6XW
14000	3	2012	9	8	23:05-- 00:50	J3E/U	315	CLN	Group of males	OD84wx	WIA	VK6XW
14000	3	2012	9	9	01:15-- 08:33	J3E/U	315	CLN	2 groups on-off no qrm to each other	OF84wx	WIA	VK6XW
14000	3	2012	9	9	23:03-- 23:04	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	9	23:35-- 23:45	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW

14000	3	2012	9	10	00:50-- 01:45	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	10	05:22-- 0753	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	10	23:00-- 23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	11	00:35-- 00:37	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	11	01:52-- 02*10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	11	07:50-- 08:30	J3E/U	315	CLN	2 males only 4 sort chats	OF84wx	WIA	VK6XW
14000	3	2012	9	11	09:10-- 09:24	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	11	23:00-- 23:45	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	12	00:20-- 01:30	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	12	08:27-- 09:45	J3E/U	315	CLN	2 males active foe 9min then on-off by other weaker group	OF84wx	WIA	VK6XW
14000	3	2012	9	12	22:57-- 23:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	13	05:50-- 05:55	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	13	23:05-- 23:50	J3E/L	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	14	01:10-- 02:45	J3E/U	315	CLN	Group of males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	14	06:35-- 07:33	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	14	08:55-- 09:08	J3E/U	315	CLN	2 males2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	17	00:00-- 00:22	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	17	01:00-- 01:15	J3E/U	315	CLN	2 males short talk	OF84wx	WIA	VK6XW
14000	3	2012	9	18	06:30-- 06:32	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	18	23:04-- 01:56	J3E/U	315	CLN	2 males , very active	OF84wx	WIA	VK6XW
14000	3	2012	9	19	05:25-- 06:00	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	20	00:25-- 01:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW

14000	3	2012	9	20	04:00-- 08:20>	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	9	20	23:05-- 23:35	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	21	00:07-- 01:45	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	21	02:15-- 10:30	J3E/U	315	CLN	Group of males on-off quite active at times	OF84wx	WIA	VK6XW
14000	3	2012	9	21	23:07-- 01:00	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	9	22	<04:30-- 05:35	J3E/U	315	CLN	2 males on-off, not very active, short calls	OF84wx	WIA	VK6XW
14000	3	2012	9	22	08:20-- 09:05	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	23	00:02-- 01:05	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	23	07:30-- 07:40	J3E/U	315	CLN	2 males talking	OF84wx	WIA	VK6XW
14000	3	2012	9	24	00:20-- 00:25	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	24	01:20-- 01:35	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	24	08:22-- 08:24	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	24	23:00-- 23:15	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	24	23:43-- 23:45	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	25	00:25-- 00:31	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	25	01:02-- 01:20	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	25	02:42-- 03:53	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	25	07:46-- 08:00	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	9	25	08:30-- 08:36	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	25	23:07-- 23:10	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	26	01:01-- 01:04	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	26	05:03-- 05:20	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW



14000	3	2012	9	26	07:25-- 08:35	J3E/U		315	CLN	2 males, on-off	OF84wx	WIA	VK6XW
14000	3	2012	9	26	23:05-- 23:35	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	27	07:00-- 07:15	J3E/U		315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	9	28	00:07-- 00:31	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	28	01:57-- 02:16	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	9	28	06:50-- 08:15	J3E/U		315	CLN	1 male making several calls, no replies	OF84wx	WIA	VK6XW
14000	3	2012	9	28	23:25-- 23:30	J3E/U		315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	9	29	05:10-- 07:10	J3E/U		315	CLN	2 males only 6 short calls	OF84wx	WIA	VK6XW
14000.1	3	2012	9	14	0900	J3E/U				ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
14001	3	2012	9	1	00:20-- 00:30	J3E/U		315	CLN	Group of males	OF84wx	WIA	VK6XW
14001.3	3	2012	9	18	02:05-- 02:11	J3E/U		315	CLN	2 males short calls	OF84wx	WIA	VK6XW
14001.4	3	2012	9	27	03:15-- 03:31	J3E/U		315	CLN	Group of males	OF84wx	WIA	VK6XW
14001.5	3	2012	9	2	00:15-- 00:50	J3E/U		315	CLN	Group of males	OF84wx	WIA	VK6XW
14001.5	3	2012	9	20	01:42-- 01:46	J3E/U		315	CLN	2 males, short call	OF84wx	WIA	VK6XW
14001.6	3	2012	9	22	07:50-- 08:10	J3E/L- J3E/U		315	CLN	2 males went from LSB to USB at 08:00Z	OF84wx	WIA	VK6XW
14001.7	3	2012	9	24	00:50-- 00:56	J3E/U		315	CLN	2 males short talk	OF84wx	WIA	VK6XW
14002.9	3	2012	9	22	0850	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14007.7	3	2012	9	22	0900	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14008.0	1	2012	9	7	0720	F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14010.0	5	2012	9	3	0410	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14012.7	3	2012	9	20	23:45-- 23:50	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14013.9	3	2012	9	21	0940	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14014.5	3	2012	9	15	00:20-- 00:30	J3E/L		315	CLN	Group of males	OF84wx	WIA	VK6XW
14015	3	2012	9	15	23:25-- 00:30	J3E/L		315	CLN	2 males	OF84wx	WIA	VK6XW

14015.8	3	2012	9	12	0905	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14016	3	2012	9	19	23:04-- 23:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14017.6	3	2012	9	3	23:17-- 23:30	J3E/U	315	CLN	2 males, short calls	OF84wx	WIA	VK6XW
14018.9	3	2012	9	2	2305	J3E/U			F1B IN AUDIO BACKGROUND	QG52xi	WIA	VK4TJ
14020	3	2012	9	27	23:05-- 23:17	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14020	3	2012	9	28	23:40-- 23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14020	3	2012	9	29	23:00-- 01:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14020	3	2012	9	30	23:03-- 00:15	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14020.3	3	2012	9	28	2100	J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14022.0	3	2012	9	12	0905	J3E/U			DAILY, ASIAN ALSO 19 SEPT, SAME TIME	QG52xi	WIA	VK4TJ
14024.0	1	2012	9	11	2040	F1B	500		HF MANPACK	QG52xi	WIA	VK4TJ
14024.0	5	2012	9	2	2310	G7DF			2 males	QG52xi	WIA	VK4TJ
14024	3	2012	9	22	23:20-- 23:38	J3E/U	315	CLN		OF84wx	WIA	VK6XW
14025	3	2012	9	13	23:30-- 23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14025	3	2012	9	14	23:16-- 23:48	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14025	3	2012	9	15	00:24-- 02:00	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14025.7	3	2012	9	21	0905	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14026.5	3	2012	9	2	23:50-- 23:55	J3E/L	315	CLN	Group of males	OF84wx	WIA	VK6XW
14028.0	2	2012	9	12	0905	J1C				QG52xi	WIA	VK4TJ
14028	3	2012	9	10	<00:20-- 00:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14030.0	20	2012	9	16	0340	P0N			OTHR	QG52xi	WIA	VK4TJ
14030.0	5	2012	9	13	0520	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14030	3	2012	9	5	00:50-- 01:00	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14033.0	3	2012	9	14	0940	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14033.5	3	2012	9	23	23:00-- 23:40	J3E/U	360	INS	2 males	OF84wx	WIA	VK6XW
14034.0	3	2012	9	29	2200	J3E/U			SPANISH OR PORTUGUESE	QG52xi	WIA	VK4TJ

14034	3	2012	9	22	23:03-- 23:17	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14035.0	5	2012	9	22	0500	G7DF				HF MANPACK 8 SUBCARRIERS ON 300 HZ	QG52xi	WIA	VK4TJ
14035.0	5	2012	9	6	0900	G7D				INTERVALS	QG52xi	WIA	VK4TJ
14035.8	3	2012	9	11	0855	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14041.0	1	2012	9	27	0915	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14044	3	2012	9	26	<23:50-- 00:10	J3E/L		315	CLN	3 males	OF84wx	WIA	VK6XW
14044.5	3	2012	9	27	23:20-- 23:37	J3E/L		315	CLN	Group of males	OF84wx	WIA	VK6XW
14044.5	3	2012	9	28	23:00-- 23:10	J3E/L		315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14045.0	3	2012	9	5	1015	J3E/U				ASIAN 10 SUBCARRIERS ON 200 HZ	QG52xi	WIA	VK4TJ
14047.0	5	2012	9	1	1015	G7D				INTERVALS	QG52xi	WIA	VK4TJ
14048.0	5	2012	9	2	2010	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14048.0	3	2012	9	1	0120	J3E/U			PHL	ALL DAY EVERY DAY. TAGALOG	QG52xi	WIA	VK4TJ
14048	3	2012	9	13	23:00-- 23:15	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14048	3	2012	9	17	00:25-- 00:26	J3E/U		315	CLN	1 male calling no reply	OF84wx	WIA	VK6XW
14049.4	3	2012	9	10	1155	J3E/L				ASIAN, SOUNDS HINDI HF MANPACK, HEARD MANY TIMES	QG52xi	WIA	VK4TJ
14050.0	5	2012	9	10	0845	G7DF					QG52xi	WIA	VK4TJ
14050.0	20	2012	9	15	0500	P0N				OTHR	QG52xi	WIA	VK4TJ
14050.1	3	2012	9	12	0900	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14050.4	3	2012	9	23	1840	J3E/L				DAILY, ASIAN APPROX 20 SUBCARRIERS ON 200 HZ	QG52xi	WIA	VK4TJ
14051.0	5	2012	9	24	0955	G7D				INTERVALS	QG52xi	WIA	VK4TJ
14051.1	3	2012	9	9	0825	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14053.4	3	2012	9	6	2000	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14054	3	2012	9	17	23:20-- 23:40	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14055.0	5	2012	9	13	0200	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14055.0	8	2012	9	1	2035	A3E				SW IMD	QG52xi	WIA	VK4TJ
14055	3	2012	9	16	23:24-- 00:00	J3E/U		315	CLN	Group of males	OF84wx	WIA	VK6XW
14056.0		2012	9	6	1200	A1A				MIXED NUMBER/LETTER	QG52xi	WIA	VK4TJ

14056.4	3	2012	9	1	1000	J3E/U				CIPHER			
14057.6	3	2012	9	2	<23:30-- 01:05	J3E/U		315	CLN	DAILY, ASIAN, SOUNDS CHINESE	QG52xi OF84wx	WIA WIA	VK4TJ
										2 males, short calls on-off			VK6XW
14057.8	3	2012	9	1	0955	J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14057.8	3	2012	9	5	<00:45-- 00:47	J3E/U		315	CLN	1 male calling, no rteply	OF84wx	WIA	VK6XW
14058.0	5	2012	9	14	0630	G7D				PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS (AT LEAST 6)	QG52xi	WIA	VK4TJ
14060.0	5	2012	9	11	2030	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14060	3	2012	9	10	01:45-- 02:10	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14060.6	3	2012	9	4	2145	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14064.5	3	2012	9	18	0840	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14064.7	3	2012	9	30	<07:25-- 07:50	J3E/L		360	INS	Male-female	OF84wx	WIA	VK6XW
14065.0	5	2012	9	27	0845	G7D				8 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14065.0	5	2012	9	22	2010	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14065	3	2012	9	27	07:35-- 07:40	J3E/U		315	CLN	2 males short talk	OF84wx	WIA	VK6XW
14065.2	3	2012	9	2	0850	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14066.5	3	2012	9	3	1000	J3E/U				ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA	VK4TJ
14066.8	3	2012	9	26	0945	J3E/L				ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA	VK4TJ
14066.8	3	2012	9	1	1005	J3E/U				ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA	VK4TJ
14067.0	3	2012	9	21	0940	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14070.0	20	2012	9	28	2255	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14079.9	3	2012	9	28	0830	J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14081.7	3	2012	9	10	1200	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14083.0	3	2012	9	16	0640	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14083.9	3	2012	9	17	0840	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14090.0	5	2012	9	2	0855	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14091.9	3	2012	9	20	0800	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14092.1	3	2012	9	10	1200	J3E/U				ASIAN	QG52xi	WIA	VK4TJ

14096.4	3	2012	9	21	0905	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14100.0	3	2012	9	20	0800	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14100.0	3	2012	9	1	1005	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14100.8	3	2012	9	12	2300	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14101.0	3	2012	9	28	2110	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14102.0		2012	9	14	0900	A1A		MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14103.5	3	2012	9	10	1200	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14107.7	3	2012	9	26	0955	J3E/L		ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14108.8	3	2012	9	14	0900	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14110.0	5	2012	9	16	0630	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
14124.0	3	2012	9	28	0835	J3E/U		ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
14127.0	3	2012	9	28	2115	G7D		12 SUBCARRIERS ON 120 HZ			
14128.0	3	2012	9	25	0825	G1D		INTERVALS	QG52xi	WIA	VK4TJ
14132.7	3	2012	9	12	0905	J3E/U		AND SHORT F1B	QG52xi	WIA	VK4TJ
14133.0	3	2012	9	14	0905	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14144.9	3	2012	9	6	0905	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14166.0	5	2012	9	28	0835	G7D		100's OF SUBCARRIERS ON 50 HZ			
14170.0	5	2012	9	10	1955	G7DF		INTERVALS	QG52xi	WIA	VK4TJ
14180.0	1	2012	9	15	0655	F1B	250	HF MANPACK	QG52xi	WIA	VK4TJ
14182.0	5	2012	9	26	0945	G7D		RANDOM INTERVAL SUBCARRIERS + PILOT TONE	QG52xi	WIA	VK4TJ
14186.8	3	2012	9	11	0900	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14187.9	3	2012	9	21	0910	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14187.9	3	2012	9	14	0905	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14195.0	5	2012	9	22	1150	G7DF		HF MANPACK ABOUT 50 SUBCARRIERS ON 50 HZ	QG52xi	WIA	VK4TJ
14204.0	5	2012	9	11	0905	G7D		INTERVALS	QG52xi	WIA	VK4TJ
14206.0	3	2012	9	20	0805	J3E/U		ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14228.1	3	2012	9	5	0950	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14233.1	3	2012	9	20	0805	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14240.0	1	2012	9	18	0840	F1B	250	ASIAN	QG52xi	WIA	VK4TJ
14241.0	5	2012	9	24	1000	G7D		APPROX 20 SUBCARRIERS ON 200 HZ	QG52xi	WIA	VK4TJ

INTERVALS

14248.0	5	2012	9	20	0805	G7D		ABOUT 50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14250.0	3	2012	9	25	0830	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14250.0	3	2012	9	18	0855	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14251.0	5	2012	9	24	1005	G7D		ABOUT 50 SUBCARRIERS ON 50 HZ INTERVALS, STARTS WITH BEEP TONE	QG52xi	WIA	VK4TJ
14260.0	20	2012	9	16	0355	P0N		OTHER	QG52xi	WIA	VK4TJ
14266.6	3	2012	9	20	0805	J3E/U		ASIAN, FAMILY NET 8 PAIRS SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14268.0	5	2012	9	2	0900	G7D		CONTINUOUS	QG52xi	WIA	VK4TJ
14280.0	1	2012	9	20	0810	F1B	250	ABOUT 50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14292.0	5	2012	9	11	0905	G7D		OTHER	QG52xi	WIA	VK4TJ
14300.0	20	2012	9	17	0840	P0N		ASIAN	QG52xi	WIA	VK4TJ
14309.9	3	2012	9	11	0910	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14312.0	3	2012	9	22	0855	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14314.4	3	2012	9	1	1015	J3E/U		ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA	VK4TJ
14318.6	3	2012	9	20	0810	J3E/U		2 SUBCARRIERS 550 HZ APART + PILOT TONE	QG52xi	WIA	VK4TJ
14320.0	3	2012	9	26	0950	G7D		ASIAN	QG52xi	WIA	VK4TJ
14321.1	3	2012	9	24	1010	J3E/L		DAILY, ASIAN	QG52xi	WIA	VK4TJ
14322.1	3	2012	9	20	0810	J3E/U		ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA	VK4TJ
14330.2	3	2012	9	12	0905	J3E/L		ASIAN	QG52xi	WIA	VK4TJ
14331.3	3	2012	9	24	1000	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14333.1	3	2012	9	21	0915	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
14339.0	5	2012	9	12	2245	G7D		100's OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14339.0	5	2012	9	12	0915	G7D		APPROX 12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14339.3	3	2012	9	24	1000	J3E/U		ASIAN FAMILY	QG52xi	WIA	VK4TJ

14339.5	1	2012	9	18	0900	F1B	NET					
							IDLING	QG52xi	WIA	VK4TJ		
14340.0	3	2012	9	24	1000	J3E/U	ASIAN FAMILY NET	QG52xi	WIA	VK4TJ		
14345.6	3	2012	9	12	0915	J3E/U	ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ		
14350.0	20	2012	9	28	2300	P0N	OTHR, BURSTS	QG52xi	WIA	VK4TJ		
14352.8	3	2012	9	24	1010	J3E/L	ASIAN	QG52xi	WIA	VK4TJ		
18070.0	5	2012	9	26	0905	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
18080.0	20	2012	9	12	0945	P0N	OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ		
18080.0	5	2012	9	10	0835	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
18085.0	5	2012	9	21	0835	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
18105.0	5	2012	9	26	0830	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
18150.0	5	2012	9	30	0035	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
18150.0	20	2012	9	30	0035	P0N	OTHR, BURSTS >100 50 HZ	QG52xi	WIA	VK4TJ		
21000.0	20	2012	9	26	1010	G7D	SUBCARRIERS ASSOCIATED WITH ENCRYPTED SPEECH ON	QG52xi	WIA	VK4TJ		
21001.5	1	2012	9	5	0955	F1B	20.997	QG52xi	WIA	VK4TJ		150
21010.6	3	2012	9	22	0845	J3E/U	ASIAN OTHR,	QG52xi	WIA	VK4TJ		
21020.0	20	2012	9	18	0900	P0N	CONTINUOUS	QG52xi	WIA	VK4TJ		
21020.3	3	2012	9	29	0645	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21025.0	5	2012	9	26	0810	G7DF	HF MANPACK STANAG 4285 PSK8, SENEGAL AREA PER	QG52xi	WIA	VK4TJ		
21026.8	5	2012	9	21	2020	G7D	DK2OM	QG52xi	WIA	VK4TJ		
21030.0	5	2012	9	28	1010	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21030.7	3	2012	9	11	0940	J3E/U	ASIAN ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ		
21049.1	3	2012	9	15	2315	J3E/U	ENGINE NOISE	QG52xi	WIA	VK4TJ		
21050.0	5	2012	9	15	0030	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21060.0	5	2012	9	15	0115	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21068.3	3	2012	9	12	0955	J3E/U	ASIAN ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ		
21090.7	3	2012	9	27	0835	J3E/U	ENGINE NOISE	QG52xi	WIA	VK4TJ		
21092.0	3	2012	9	3	0140	J3E/U	DAILY, ASIAN OTHR,	QG52xi	WIA	VK4TJ		
21100.0	20	2012	9	22	0820	P0N	CONTINUOUS	QG52xi	WIA	VK4TJ		
21111.1	3	2012	9	6	0910	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21123.4	3	2012	9	24	0945	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21125.0	5	2012	9	24	0945	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21140.0	3	2012	9	29	0630	J3E/L	ASIAN	QG52xi	WIA	VK4TJ		

21140.0	20	2012	9	28	0530	P0N		OTHR, BURSTS	QG52xi	WIA	VK4TJ
21150.0	20	2012	9	26	1020	P0N		OTHR, BURSTS	QG52xi	WIA	VK4TJ
21151.0	5	2012	9	18	0905	G7D		VERY WIDE PSK	QG52xi	WIA	VK4TJ
21160.0	20	2012	9	2	0930	P0N		OTHR,			
21200.0	3	2012	9	2	0930	G1D		CONTINUOUS	QG52xi	WIA	VK4TJ
								TOR MODE?	QG52xi	WIA	VK4TJ
								8 PAIRS			
								SUBCARRIERS			
21203.0	5	2012	9	5	1000	G7D		ON 300 HZ			
21230.0	20	2012	9	28	0535	P0N		INTERVALS	QG52xi	WIA	VK4TJ
								OTHR, BURSTS	QG52xi	WIA	VK4TJ
21241.8	5	2012	9	24	1945	G7D		8 PSK STANAG			
								4285	QG52xi	WIA	VK4TJ
								HIGHLY			
								UNUSUAL			
21242.5	20	2012	9	13	0620	VXX		CODAR-LIKE			
21248.0	5	2012	9	28	0850	G1D		MODE	QG52xi	WIA	VK4TJ
								VERY WIDE PSK	QG52xi	WIA	VK4TJ
								8 PAIRS			
								SUBCARRIERS			
21253.0	5	2012	9	18	0905	G7D		ON 300 HZ			
								INTERVALS	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
								BURSTS,			
								NARROW BAND,			
								PRECEDED BY			
21255.0	10	2012	9	21	0805	P0N		BEEP	QG52xi	WIA	VK4TJ
								8 PSK STANAG			
21260.0	5	2012	9	25	0900	G7D		4285	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
21265.0	40	2012	9	29	0635	P0N		BURSTS	QG52xi	WIA	VK4TJ
21270.0	5	2012	9	29	0635	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
21270.0	10	2012	9	13	0550	P0N		BURSTS,			
								NARROW BAND	QG52xi	WIA	VK4TJ
								LIKE WIDEBAND			
								NOISE ON			
21305.0	5	2012	9	26	0820	G1D		WATERFALL	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
21320.0	40	2012	9	21	0810	P0N		BURSTS	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
								BURSTS,			
21340.0	10	2012	9	20	0815	P0N		NARROW BAND	QG52xi	WIA	VK4TJ
21340.0	5	2012	9	22	0830	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
21350.0	40	2012	9	29	0635	P0N		BURSTS	QG52xi	WIA	VK4TJ
								OTHR, SHORT			
21380.0	40	2012	9	27	0840	P0N		BURSTS	QG52xi	WIA	VK4TJ
								OTHR,			
21440.0	20	2012	9	22	0825	P0N		CONTINUOUS	QG52xi	WIA	VK4TJ
24887.5	6	2012	9	21	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
								OTHR,			
24895.0	20	2012	9	27	0640	P0N	25PPS	CONTINUOUS	QG52xi	WIA	VK4TJ



24900.0	5	2012	9	27	0645	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
24900.0	6	2012	9	12	0950	A3E		ASIAN	QG52xi	WIA	VK4TJ
24905.0	6	2012	9	12	2300	A3E		ASIAN	QG52xi	WIA	VK4TJ
24910.0	5	2012	9	30	0145	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
24912.5	6	2012	9	21	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2012	9	13	2320	A3E		ASIAN	QG52xi	WIA	VK4TJ
24920.0	30	2012	9	14	2220	VXX		CODAR	QG52xi	WIA	VK4TJ
24925.0	6	2012	9	13	2320	A3E		ASIAN	QG52xi	WIA	VK4TJ
24930.0	5	2012	9	30	0415	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
24935.0	6	2012	9	1	0230	A3E		ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2012	9	27	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
24950.0	6	2012	9	21	2350	A3E		ASIAN	QG52xi	WIA	VK4TJ
24955.0	6	2012	9	12	2325	A3E		ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2012	9	12	2325	A3E		ASIAN	QG52xi	WIA	VK4TJ
24975.0	6	2012	9	12	2305	A3E		ASIAN	QG52xi	WIA	VK4TJ
24985.0	6	2012	9	12	2325	A3E		ASIAN	QG52xi	WIA	VK4TJ
24987.5	6	2012	9	13	0405	A3E		ASIAN	QG52xi	WIA	VK4TJ
28000.0	5	2012	9	27	2255	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28000.0	6	2012	9	1	0125	F3E		ASIAN	QG52xi	WIA	VK4TJ
28005.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28008.3		2012	9	7	2340	A1A	4ION	DRIFTNET			
28010.0	5	2012	9	8	0500	G7DF		BEACON	QG52xi	WIA	VK4TJ
28012.5	6	2012	9	2	0905	A3E		HF MANPACK	QG52xi	WIA	VK4TJ
28015.0	5	2012	9	13	0105	G7DF		ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2012	9	1	0125	A3E		HF MANPACK	QG52xi	WIA	VK4TJ
28025.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28027.8		2012	9	9	0240	A1A	5ABJ	DRIFTNET			
28035.0	6	2012	9	1	0125	A3E		BEACON	QG52xi	WIA	VK4TJ
28040.0	6	2012	9	21	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28045.0	3	2012	9	29	2230	J3E/L		SPANISH LANGUAGE, BAND OPEN TO CENTRAL AMERICA	QG52xi	WIA	VK4TJ
28045.0	6	2012	9	2	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28050.0	5	2012	9	1	2305	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28050.0	6	2012	9	1	0230	A3E		ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2012	9	8	0700	A3E		ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2012	9	1	0125	A3E		ASIAN SPANISH LANGUAGE, BAND OPEN TO CENTRAL AMERICA	QG52xi	WIA	VK4TJ
28067.0	3	2012	9	27	2220	J3E/U		AMERICA	QG52xi	WIA	VK4TJ

28067.5	6	2012	9	27	2220	A3E		ASIAN	QG52xi	WIA	VK4TJ
28070.0	6	2012	9	27	2220	A3E		ASIAN	QG52xi	WIA	VK4TJ
28075.0	3	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28080.5		2012	9	22	0735	A1A	4MIG	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28085.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2012	9	3	0330	A3E		ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2012	9	1	0125	F3E		ASIAN SPANISH LANGUAGE, BAND OPEN TO CENTRAL AMERICA	QG52xi	WIA	VK4TJ
28105.0	6	2012	9	28	2315	A3E		ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2012	9	1	0230	A3E		ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28125.0	3	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28131.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2012	9	1	0125	A3E		ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28150.0	3	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28155.0	5	2012	9	27	2225	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28155.0	3	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28162.5	3	2012	9	3	0310	A3E		ASIAN	QG52xi	WIA	VK4TJ
28165.0	3	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28175.0	6	2012	9	1	0130	F3E		ASIAN	QG52xi	WIA	VK4TJ
28185.0	6	2012	9	1	0130	F3E		ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2012	9	3	0305	F3E		ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28200.0	6	2012	9	1	0225	A3E		ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28212.5	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28220.0	6	2012	9	27	0700	A3E		ASIAN	QG52xi	WIA	VK4TJ
28225.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28230.0	6	2012	9	27	0710	A3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2012	9	22	0740	A3E		ASIAN	QG52xi	WIA	VK4TJ
28240.0	6	2012	9	8	0705	A3E		ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2012	9	1	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	6	2012	9	1	2315	A3E		ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2012	9	1	0135	A3E		ASIAN	QG52xi	WIA	VK4TJ
28262.5	6	2012	9	3	0255	A3E		ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2012	9	1	0135	A3E		ASIAN	QG52xi	WIA	VK4TJ
28275.0	6	2012	9	1	2315	A3E		ASIAN	QG52xi	WIA	VK4TJ
28280.0	6	2012	9	27	0810	A3E		ASIAN	QG52xi	WIA	VK4TJ

28285.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2012	9	8	0305	A3E	ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2012	9	1	0135	F3E	ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28312.5	6	2012	9	3	0250	A3E	ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2012	9	1	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28325.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28328.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28350.0	6	2012	9	8	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2012	9	3	0230	A3E	ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28375.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28380.0	20	2012	9	29	0420	P0N	OTHR	QG52xi	WIA	VK4TJ
28385.0	6	2012	9	1	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2012	9	1	2315	A3E	ASIAN	QG52xi	WIA	VK4TJ
28395.0	6	2012	9	27	0715	A3E	ASIAN	QG52xi	WIA	VK4TJ
28400.0	6	2012	9	1	0225	A3E	ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28410.0	20	2012	9	28	0510	P0N	OTHR	QG52xi	WIA	VK4TJ
28412.5	6	2012	9	2	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28425.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28437.5	6	2012	9	1	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2012	9	1	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2012	9	1	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28475.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28495.0	6	2012	9	1	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28500.0	6	2012	9	1	0225	A3E	ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2012	9	1	0225	A3E	ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2012	9	1	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28520.0	6	2012	9	27	0750	A3E	ASIAN	QG52xi	WIA	VK4TJ
28525.0	6	2012	9	1	0220	A3E	ASIAN	QG52xi	WIA	VK4TJ
28530.0	6	2012	9	2	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2012	9	1	0220	A3E	ASIAN	QG52xi	WIA	VK4TJ

28555.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28560.0	6	2012	9	1	0220	A3E	ASIAN	QG52xi	WIA	VK4TJ
28562.5	6	2012	9	3	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2012	9	1	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28575.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28580.0	6	2012	9	8	0710	A3E	ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28587.5	6	2012	9	3	0135	A3E	ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2012	9	1	0140	A3E	ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2012	9	1	0140	F3E	ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28612.5	6	2012	9	3	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2012	9	3	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28662.5	6	2012	9	3	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28675.0	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28680.0	6	2012	9	3	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2012	9	3	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28705.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28725.0	6	2012	9	1	0220	A3E	ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28760.0	6	2012	9	3	0000	A3E	ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	6	2012	9	1	0220	A3E	ASIAN	QG52xi	WIA	VK4TJ
28780.2		2012	9	8	0715	A1A	3LXD DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28787.5	6	2012	9	3	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ

28800.0	6	2012	9	1	0215	A3E	ASIAN	QG52xi	WIA	VK4TJ
28805.0	6	2012	9	7	0200	A3E	ASIAN	QG52xi	WIA	VK4TJ
28812.5	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2012	9	3	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28825.0	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28835.0	6	2012	9	1	0145	A3E	ASIAN	QG52xi	WIA	VK4TJ
28837.5	6	2012	9	3	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
28850.0	6	2012	9	1	0150	F3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	6	2012	9	1	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
28880.0	6	2012	9	8	0715	A3E	ASIAN, SW BROADCAST	QG52xi	WIA	VK4TJ
28887.5	6	2012	9	2	0915	A3E	ASIAN	QG52xi	WIA	VK4TJ
28900.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	6	2012	9	1	0215	A3E	ASIAN	QG52xi	WIA	VK4TJ
28925.0	6	2012	9	1	0215	F3E	ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2012	9	3	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
28945.0	6	2012	9	27	0755	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
28990.0	6	2012	9	3	0005	A3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	6	2012	9	7	0200	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
29037.5	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
29045.0	6	2012	9	7	0200	A3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	6	2012	9	1	0150	F3E	ASIAN	QG52xi	WIA	VK4TJ
29062.5	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2012	9	1	0150	F3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	6	2012	9	1	0215	A3E	ASIAN	QG52xi	WIA	VK4TJ
29080.0	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
29085.0	6	2012	9	27	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
29105.0	6	2012	9	1	2330	A3E	ASIAN	QG52xi	WIA	VK4TJ
29112.5	6	2012	9	8	0720	A3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	6	2012	9	1	0215	A3E	ASIAN	QG52xi	WIA	VK4TJ
29130.0	6	2012	9	26	0720	A3E	ASIAN	QG52xi	WIA	VK4TJ
29140.0	6	2012	9	3	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29145.0	5	2012	9	27	2245	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
29150.0	6	2012	9	1	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
29160.0	6	2012	9	2	0915	A3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2012	9	3	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ

29175.0	6	2012	9	1	0215	A3E	ASIAN	QG52xi	WIA	VK4TJ
29180.0	6	2012	9	26	0720	A3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2012	9	2	0915	A3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2012	9	27	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29212.5	6	2012	9	3	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	6	2012	9	1	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2012	9	3	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
29240.0	6	2012	9	1	2335	A3E	ASIAN, SW BROADCAST	QG52xi	WIA	VK4TJ
29250.0	6	2012	9	1	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
29260.0	6	2012	9	2	0920	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	6	2012	9	3	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	6	2012	9	3	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29287.5	6	2012	9	3	0035	A3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2012	9	8	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2012	9	1	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	6	2012	9	3	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29337.5	6	2012	9	3	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2012	9	1	2335	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2012	9	3	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2012	9	3	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2012	9	1	0210	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2012	9	3	0010	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29435.0	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2012	9	3	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	6	2012	9	3	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	6	2012	9	1	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29495.0	6	2012	9	1	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29500.0	6	2012	9	1	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29512.5	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2012	9	3	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
29525.0	6	2012	9	1	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2012	9	1	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29562.5	6	2012	9	3	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2012	9	1	0210	A3E	ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2012	9	1	2340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2012	9	2	0920	A3E	ASIAN	QG52xi	WIA	VK4TJ
29625.0	6	2012	9	1	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29637.5	6	2012	9	1	0210	A3E	ASIAN	QG52xi	WIA	VK4TJ

29650.0	6	2012	9	1	2340	A3E			ASIAN	QG52xi	WIA	VK4TJ	
29662.5	6	2012	9	1	0210	A3E			ASIAN	QG52xi	WIA	VK4TJ	
29675.0	6	2012	9	1	0200	A3E			ASIAN	QG52xi	WIA	VK4TJ	
29687.5	6	2012	9	1	0200	A3E			ASIAN	QG52xi	WIA	VK4TJ	
29700.0	6	2012	9	1	0200	A3E			ASIAN	QG52xi	WIA	VK4TJ	
14014		2012	09	15	<0200-0210>	J3E/U		CLN	UNID		MK82	ARSI	
14015		2012	09	08	<0130-0135>	J3E/U		CLN	UNID		MK82	ARSI	
14016		2012	09	21	<0210-0215>	J3E/U		CLN	UNID		MK82	ARSI	
14021.4		2012	09	11	<0200-0215>	J3E/U		CLN	UNID		MK82	ARSI	
14024		2012	09	15	<0210-0220>	J3E/U		CLN	UNID		MK82	ARSI	
14033		2012	09	12	<1055-1110>	J3E/U		CLN	UNID		MK82	ARSI	
14033		2012	09	15	<0205-0215>	J3E/U		CHN	UNID		MK82	ARSI	
14033		2012	09	18	<0225-0235>	J3E/U		CHN	UNID		MK82	ARSI	
14112	12	2012	09	18	<0450>	P0N		?	Unid		RF73IJ	NZART	ZL1TPH
14115	14	2012	09	15	<0738>	P0N		?	Unid		RF73IJ	NZART	ZL1TPH

14125*	***	2012	09	06	<2000>	2000-2055	P0N	?	Unid	OTHR 32 PPS Covering entire band	RF72LQ	NZART	ZL1BAD
14192		2012	09	23	<1100>	1100	F1B	?	Unid	Idle sigs	RF72LQ	NZART	ZL1BAD
14210		2012	09	09	<1515>	1515	OTHR	?	Unid	OTHR S5	RE68XL	NZART	ZL2TZE
14230	30	2012	09	02	<0125>	0125	P0N	?	Unid	OTHR 3 sec burst every 24 secs. 2 Stns. 54 PPS	RF72LQ	NZART	ZL1BAD
14230	30	2012	09	13	<0010>	0010	P0N	?	Unid	OTHR 5 sec burst every 30 secs	RF72LQ	NZART	ZL1BAD
14230	30	2012	09	16	<2045>	2045-2359	P0N	?	Unid	OTHR 3 sec burst every 24 secs. 2 Stns. 54 PPS	RF72LQ	NZART	ZL1BAD
14230	30	2012	09	17	<0001>	0001-0035	P0N	?	Unid	OTHR 3 sec burst every 24 secs. 2 Stns. 54 PPS	RF72LQ	NZART	ZL1BAD
14233		2012	09	DY	HX	HX	G7DE	?	Unid	HF Man Pack 8 PSK	RF72LQ	NZART	ZL1BAD
14233	30	2012	09	24	<0110>	0110	P0N	?	Unid	OTHR 3 sec burst every 24 secs. 2 Stns. 54 PPS	RF72LQ	NZART	ZL1BAD
14233		2012	09	DY	<1700>	17000-2035	G7DE/F	?	Unid	HF Man Pack 1 PSK Start of Message or Start of Conversation	RF72LQ	NZART	ZL1BAD
14233	30	2012	09	26	<0507>	0507	P0N	?	Unid	5 sec burst every 10 secs	RF72LQ	NZART	ZL1BAD
14235	30	2012	09	19	<2305>	2305	P0N	?	Unid	OTHR 3.75 sec burst every 32 secs 54PPS	RF72LQ	NZART	ZL1BAD
14235	30	2012	09	20	<2302\	2302	P0N	?	Unid	OTHR 3.75 sec burst every 32 secs 54PPS	RF72LQ	NZART	ZL1BAD
14235	30	2012	09	21	<2304>	2304-2320	P0N	?	Unid	OTHR 3.75 sec burst every 32 secs 54PPS	RF72LQ	NZART	ZL1BAD
14305.5	11	2012	09	15	<2254>	2254-2300	P0N	?	Unid	OTHR burst S8 HF Man Pack 8	RF73IJ	NZART	ZL1TPH
14310		2012	09	30	<0513>	0513	G7DF	?	Unid	PSK S1	RF73MF	NZART	ZL1GWE
14321.5	11	2012	09	22	<2301>	2301-2316	P0N	?	Unid	OTHR burst S3	RF73IJ	NZART	ZL1TPH
14325	30	2012	09	22	<2239>	2239	P0N	?	Unid	OTHR 2.5 Sec burst every 22 secs. 54 PPS . 2 stns. One strong, 1 weak	RF72LQ	NZART	ZL1BAD
14337		2012	09	30	<0517>	0517	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
18062	23	2012	09	15	<0600>	0600-0720	P0N	?	Unid	OTHR continuous S5 to S7(heard also WebSDR Netherland S5)	RF73IJ	NZART	ZL1TPH
18074	22	2012	09	07	<0419>	0419-0451	P0N	?	Unid	OTHR continuous S8	RF73IJ	NZART	ZL1TPH



18083	22	2012	09	05	<0516>	0516-0524	P0N		?	Unid	OTHR continuous S6	RF73IJ	NZART	ZL1TPH	
18083.5	23	2012	09	17	<0550>	0550-0555	P0N		?	Unid	OTHR continuous S8	RF73IJ	NZART	ZL1TPH	
18098.5	23	2012	09	13	<0444>	0444-0455	P0N		?	Unid	OTHR continuous S6	RF73IJ	NZART	ZL1TPH	
18123		2012	09	15	<2336>	2336	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE	
18150		2012	09	30	<0130>	0130	P0N		?	Unid	OTHR S9 on top of 3D2C Conway Reef	RE68XL	NZART	ZL2TZE	
18163	18	2012	09	07	<0641>	0641-0830	P0N		?	Unid	OTHR continuous S8 (also heard WebSDR Netherland S1)	RF73IJ	NZART	ZL1TPH	
21004		2012	09	28	<0633>	0633	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE	
21019		2012	09	23	<0625>	0625	G7DF		?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE	
21022		2012	09	23	<0525>	0523	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE	
21023		2012	09	15	<2332>	2332	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE	
21038		2012	09	28	<0631>	0631	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE	
21039		2012	09	29	<1300-1320>		P0N			UNID UNID	VERY STRONG; SPREADING FROM 21026 TO 21052 Khz.	MK82	ARSI		
21059		2012	09	23	<0523>	0532	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE	
21059	22	2012	09	03	<0450>	0450-0503	P0N		?	Unid	OTHR Short bursts S6	RF73IJ	NZART	ZL1TPH	
21060		2012	09	23	<0527>	0527	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE	
21068	22	2012	09	28	<0510>	0510-0510	P0N		?	Unid	OTHR continuous S9	RF73IJ	NZART	ZL1TPH	
21078		2012	09	23	<0627>	0627	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE	
21088.5	23	2012	09	16	<0540>	0540-0610	P0N		?	Unid	OTHR continuous S6 (heard also WebSDR Netherland S3)	RF73IJ	NZART	ZL1TPH	
21090	20	2012	09	16	<0540>	0540	P0N		?	Unid	OTHR 51 pps S6 Double bursts either side centre (effectively continuous) S9	RF73MF	NZART	ZL1GWE	
21108	16	2012	09	03	<0652>	0652-0705	P0N		?	Unid	OTHR short repeatable bursts S9	RF73IJ	NZART	ZL1TPH	
21117.5	24	2012	09	28	<0520>	0520-0737	P0N		?	Unid	OTHR short repeatable bursts S9	RF73IJ	NZART	ZL1TPH	
21121	12	2012	09	23	<0532>	0523-0622	P0N		330	?	Unid	OTHR 46pps S9	RF73MF	NZART	ZL1GWE
21137		2012	09	28	<0409>	0409	G7DF		330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE

21142.5	11	2012	09	28	<0624>	0624 0519-	P0N	330	?	Unid	OTHR 65 PPS S8	RF73MF	NZART	ZL1GWE
21143	12	2012	09	28	<0519>	0550	P0N	330	?	Unid	OTHR 66 PPS S7	RF73MF	NZART	ZL1GWE
21148		2012	09	28	<0634>	0634	G7DF	330	>	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21161		2012	09	28	<0411>	0411	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
21170		2012	09	23	<0631>	0631	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21172		2012	09	23	<0529>	0529	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21177		2012	09	28	<0632>	0622	G7DF	330	?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21179		2012	09	28	<0401>	0410	G7DF	330	?	Unid	HF Man Pack 8 PSK S3	RF73Mf	NZART	ZL1GWE
21185	30	2012	09	13	<0515>	0515- 0515- 0526-	P0N		?	Unid	CODAR S5 Melbourne WebSDR S3 (ZL also the same)	RF73IJ	NZART	ZL1TPH
21209	22	2012	09	05	<0526>	0548	P0N		?	Unid	OTHR continuous S6	RF73IJ	NZART	ZL1TPH
21210	20	2012	09	05	<0419>	0419- 0419	P0N		?	Unid	CODAR S5 VK3 WebSDR weak in ZL	RF73IJ	NZART	ZL1TPH
21233	10	2012	09	28	<0626>	0626	P0N	330	?	Unid	OTHR 66 PPS S5	RF73MF	NZART	ZL1GWE
21233	10	2012	09	28	<0626>	0626	G7DF	330	?	Unid	OTHR 66 PP S5	RF73MF	NZART	ZL1GWE
21233.5	11	2012	09	28	<0524>	0524	P0N	330	?	Unid	OTHR 68 PPS S6	RF73MF	NZART	ZL1GWE
21252		2012	09	29	<0631>	0631	G7DF	330	?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21256	6?	2012	09	16	<0730>	0730- 0731	P0N		?	Unid	OTHR continuous S1 (Note only 6 kHz wide in ZL because very weak)	RF73IJ	NZART	ZL1TPH
21260	11	2012	09	19	<0426>	0426- 0726	P0N		?	Unid	OTHR short repeatable bursts S6 (diminished with prop to end)	RF73IJ	NZART	ZL1TPH
21261.5	21	2012	09	29	<0640>	0640- 0806	P0N		?	Unid	OTHR short repeatable burst S7 (Jorn ?)	RF73IJ	NZART	ZL1TPH
21263.5	13	2012	09	29	<0629>	0629	P0N	330	?	Unid	OTHR S8 66 PPS HF Man Pack 8	RF73MF	NZART	ZL1GWE
21266		2012	09	29	<0634>	0634	G7DF	330	?	Unid	PSK S3	RF73MF	NZART	ZL1GWE
21275		2012	09	03	<0118>	0118	P0N		?	Unid	OTHR S4 appears to be three of them in search light pattern	RE68XL	NZART	ZL2TZE
21277	11	2012	09	04	<0518>	0518- 0538	P0N		?	Unid	OTHR bursts, signature tones S7,	RF73IJ	NZART	ZL1TPH
21282	12	2012	09	13	<0537>	0537- 0630	P0N		?	Unid	OTHR Short bursts S6 (also short double type	RF73IJ	NZART	ZL1TPH

burst) S9 strong

21285	30	2012	09	11	<2247>	2247	VXX		?	Unid	CODAR S5	RF73IJ	NZART	ZL1TPH
21290.5	17	2012	09	13	<0521>	0521-0523	P0N		?	Unid	OTHR bursts, (weak S1)	RF73IJ	NZART	ZL1TPH
21295		2012	09	23	<0541>	0541	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21295.5	11	2012	09	28	<0524>	0550	P0N	330	?	Unid	OTHR 68 PPS S6	RF73MF	NZART	ZL1GWE
21299.5	11	2012	09	20	<0552>	0452-0703	P0N		?	Unid	OTHR short repeatable bursts S2	RF73IJ	NZART	ZL1TPH
21299.5	27	2012	09	26	<0500>	P0N	P0N		?	Unid	OTHR continuous S9	RF73IJ	NZART	ZL1TPH
21300	20	2012	09	28	<0529>	0529-0536	P0N	330	?	Unid	OTHR 50 PPS S 4 OTHR burst S8	RF73MF	NZART	ZL1GWE
21307.5	11	2012	09	09	<0306>	0306-0320	P0N		?	Unid	(also very weak WebSDR Melbourne) OTHR continuous S2 (likewise weak WebSDR Melbourne)	RF73IJ	NZART	ZL1TPH
21308.5	21	2012	09	13	<0511>	0511-0520	P0N		?	Unid	HF Man Pack 8 PSK S3	RF73IJ	NZART	ZL1TPH
21310		2012	09	23	<0633>	0633	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21323	20	2012	09	07	<0505>	0505-0630	P0N		?	Unid	OTHR burst S8	RF73IJ	NZART	ZL1TPH
21325		2012	09	30	<0513>	0513	G7DF	330	?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21328.5	13	2012	09	23	<0615>	0615-0745	P0N		?	Unid	OTHR burst S9	RF73IJ	NZART	ZL1TPH
21330	24	2012	09	23	<0623>	0623-0704	P0N	330	?	Unid	OTHR 66pps S9	RF73MF	NZART	ZL1GWE
21330		2012	09	30	<0609>	0609	G7DF	330	?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21338		2012	09	30	<0513>	0513	G7DF	330	?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
21348.5	21	2012	09	05	<0358>	0358-0401	P0N		?	Unid	OTHR continuous S7	RF73IJ	NZART	ZL1TPH
21350	12	2012	09	23	<0440>	0440-0621	P0N		?	Unid	OTHR burst S3	RF73IJ	NZART	ZL1TPH
21353.5	11	2012	09	29	<0631>	0631	P0N	330	?	Unid	OTHR 66 PPS S7	RF73MF	NZART	ZL1GWE
21361	12	2012	09	03	<0650>	0650-0651	P0N		?	Unid	OTHR short bursts S1 (weak)	RF73IJ	NZART	ZL1TPH
21382.5	21	2012	09	04	<0410>	0410-0416	P0N		?	Unid	Continuous S1 (weak)	RF73IJ	NZART	ZL1TPH
21386		2012	09	28	<0627>	0627	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
21391	13	2012	09	23	<0635>	0635-0704	P0N	330	?	Unid	OTHR 66pps S7	RF73MF	NZART	ZL1GWE
21394		2012	09	23	<0715>	0715	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE

21398.5	21	2012	09	26	<0412>	0412-0414	P0N		?	Unid	OTHR continuous slow pulse rate S2	RF73IJ	NZART	ZL1TPH
											OTHR continuous S1(heard also WebSDR Netherland S3)	RF73IJ	NZART	ZL1TPH
21399	18	2012	09	14	<0646>	0646-0654	P0N		?	Unid	OTHR 66 PPS S6	RF73MF	NZART	ZL1GWE
21417	10	2012	09	28	<0627>	0627-0523-	P0N	330	?	Unid	OTHR continuous S6	RF73IJ	NZART	ZL1TPH
21428	22	2012	09	05	<0523>	0526-0647-	P0N		?	Unid	OTHR 51 pps S4 constant	RF73MF	NZART	ZL1GWE
21435	19	2012	09	23	<0647>	0704	P0N	330	?	Unid	OTHR S9 25 PPS Continuous	RF80HL	NZART	ZL2iFB
24894		2012	09	27	<0350>	0350-0344-	P0N		?	Unid	OTHR continuous S9	RF73IJ	NZART	ZL1TPH
24895.5	21	2012	09	29	<0344>	0349	P0N		?	Unid	OTHR 49 PPS S7	RF73MF	NZART	ZL1GWE
24949.5	22	2012	09	29	<0358>	0358-0610-	P0N	330	?	Unid	OTHR continuous S7	RF73IJ	NZART	ZL1TPH
24987.5	25	2012	09	29	<0610>	0630	P0N		?	Unid	OTHR S3 49 PPS out of band - search light pattern	RF73MF	NZART	ZL1GWE
25003.5*	21	2012	09	29	<0358>	0358	P0N	330	?	Unid	OTHR Continuous S9 suspect Cyprus 50 pps	RF73IJ	NZART	ZL1TPH
28048	23	2012	09	25	<0521>	0521	P0N		?	Unid	OTHR in the 10 metre amateur band	RF73IJ	NZART	ZL1TPH
28048.5	23	2012	09	25	<0514>	0514-0520	P0N		?	Unid	OTHR in the 10 metre amateur band	RF73IJ	NZART	ZL1TPH
28048.5	23	2012	09	25	<0514>	0520	P0N		?	Unid	Non Amateurs S1	RF73MF	NZART	ZL1GWE
28075		2012	09	28	<0004>	0004	A3E	330	?	IND	OTHR S9	RF73IJ	NZART	ZL1TPH
28089		2012	09	28	<0510>	0510	P0N		?	Unid	Non Amateurs S3	RF73MF	NZART	ZL1GWE
28122		2012	09	28	<0007.	0007	A3E	330	?	IND	Non Amateurs S1 HF Man Pack S1	RF73MF	NZART	ZL1GWE
28150		2012	09	28	<0455>	0455	F3E	330	?	IND	8-PSK HF Man Pack S1	RF73MF	NZART	ZL1GWE
28224		2012	09	28	<0500>	0500	F3E	330	?	IND	Non Amateurs Squelches network S2	RF73MF	NZART	ZL1GWE
28237		2012	09	28	<0001>	0001	G7DF	330	?	Unid	OTHR 49 PPS S7	RF73MF	NZART	ZL1GWE
28237		2012	09	27	<2359>	2359	G7DF	330	?	Unid	OTHR continuous S9	RF73IJ	NZART	ZL1TPH
28345		2012	09	23	<0612>	0612	F3E		?	Unid	OTHR 49 PPS S7	RF73MF	NZART	ZL1GWE
28380	82	2012	09	28	<0507>	0507-0413-	P0N	330	?	Unid	OTHR continuous S9	RF73IJ	NZART	ZL1TPH
28388.5	23	2012	09	29	<0413>	0426	P0N		?	Unid	OTHR 49 PPS S7	RF73MF	NZART	ZL1GWE
28410	22	2012	09	28	<0507>	0507	P0N	330	?	Unid	Non-Amateurs S2	RF73MF	NZART	ZL1GWE
28439		2012	09	27	<2340.	2340	A3E	330	?	IND	Non Amateurs S2	RF73MF	NZART	ZL1GWE
28479		2012	09	28	<0600>	0600	A3E	330	?	IND	HF Man Pack S2	RF73MF	NZART	ZL1GWE
28535		2012	09	27	<2344>	2344	G7DF	330	?	Unid	8-PSK	RF73MF	NZART	ZL1GWE
28555		2012	09	27	<2235>	2235	A3E	330	?	IND	Non Amateurs S4	RF73MF	NZART	ZL1GWE

28684		2012	09	27	<2231>	2231	G7DF	330	?	Unid	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
28896.5	22	2012	09	29	<0358>	0358	P0N	330	?	Unid	OTHR S7 49 PPS	RF73MF	NZART	ZL1GWE
29300	20	2012	09	28	<0528>	0528	P0N	330	?	Unid	OTHR 50 PPS S 4	RF73MF	NZART	ZL1GWE
3560	0.5	2012	09	28	1608		A1A	15	RUS	M--signal	Beacon Asian voices chatting to each other	PM97	JARL	Magadan
3576	2.4	2012	09	14	<1856>	1856	JE3/U		?	Unid	Random number h2fl h2fl h2fl de drvz drvz v	RF73IJ	NZART	ZL1TPH
3704	0.5	2012	09	02		21:00	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	02		21:01	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	04		23:01	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	05		22:39	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	20		23:04	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	23		23:09	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	25		23:42	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	09	26		22:37	A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
7000	+100	2012	09	02	<1200>	1200	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	09	03	<1115>	1115	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	09	10	<1220>	1220	P0N		?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	09	DY	<1700>	1700- 2035	J3E/U		?	Unid	Non-amateurs - when OTHR is not present	RF72LQ	NZART	ZL1BAD
7010		2012	09	13	<0201>	0201	J3E/U		?	Unid	Non Amateurs Fishing boats - Japanese dialect S8	RF72LQ	NZART	ZL1TPH
7010	2.4	2012	09	14	<0854>	0854	JE3/U		?	Unid	Foreign voices, quick fire chat	RF73IJ	NZART	ZL1TPH
7030	3	2012	09	10	1612		JM	non	non	non	White noise	PM97	JARL	non
7032	3.3	2012	09	22	<0415>	0415	M7B		?	Unid	Multi-channel	RF72LQ	NZART	ZL1BAD
7032	3.3	2012	09	30	<2000>	2000	M7B		?	Unid	Multi-channel	RF72LQ	NZART	ZL1BAD
7035	3	2012	09	25	1822		F1B	non	non	non	now on air Astrakhan (No call sign)	PM97	JARL	non
7039		2012	09	DY	<1700>	1700- 2035	A1A		RUS	BEACON A	Vladivostok - Beacon F	RF72LQ	NZART	ZL1BAD
7039		2012	09	DY	<1700>	1700- 2035	A1A		RUS	RJS	Kaliningrad - Beacon P	RF72LQ	NZART	ZL1BAD
7039		2012	09	DY	<1700>	2035	A1A		RUS	RMP	Beacon	RF72LQ	NZART	ZL1BAD
7039	0.5	2012	09	01	1210	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	01	1212		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	01	1220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	09	01	1410	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	01	1412	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	01	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	01	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	01	1710	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	01	1712	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	01	1830	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	01	1832	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	02	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	02	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	02	1410	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	02	1412	A1A	15	KRE	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	02	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	02	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	02	1830	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	02	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	03	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	03	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	03	1216	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	03	1408	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	03	1412	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	03	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	03	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	03	1820	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	04	1206	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	04	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	04	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	04	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	04	1606	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	04	1706	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	04	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	04	1920	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	05	1206	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	05	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	05	1608	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	05	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	05	1830	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	05	1834	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	06	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	06	1206	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	06	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	06	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	06	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	06	1810	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	06	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	09	07	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	07	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	07	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	07	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	07	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	07	1808	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	07	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	07	2010	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	08	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	08	1206	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	08	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	08	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	08	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	08	1810	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	08	1812	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	08	1908	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	09	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	09	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	09	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	09	1606	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	09	1802	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	09	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	09	1920	A1A	37	KRE	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	10	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	10	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	10	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	10	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	10	1806	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	10	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	11	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	11	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	11	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	11	1606	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	11	1806	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	11	1808	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	12	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	12	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	12	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	12	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	12	1614	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	12	1804	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	12	1808	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	13	1206	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	13	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	13	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok





7039	0.5	2012	09	20	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	20	1208	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok	
7039	0.5	2012	09	20	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	20	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	20	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	20	1806	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	20	1810	A1A	15	RUS	F--signal	Beacon	PM97	JARL	Vladivostok	
7039	0.5	2012	09	21	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	21	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	21	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	21	1810	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	21	1814	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	22	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	22	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	22	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	22	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	22	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	22	1808	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	23	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	23	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	23	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	23	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	23	1740	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	23	1806	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	24	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	24	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	24	1620	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	24	1624	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	24	1840	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	25	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	25	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	25	1610	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	25	1818	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	25	1832	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	25	2210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	25	2214	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok	
7039	0.5	2012	09	26	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	26	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	26	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	26	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	26	1810	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	27	1210	H24	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	27	1214	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7039	0.5	2012	09	27	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy	
7039	0.5	2012	09	27	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	

7039	0.5	2012	09	27	1840	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	28	1204	A1A	15	RUS	Voice of Korea	Beacon	PM97	JARL	
7039	0.5	2012	09	28	1208	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	28	1212	A1A	non	non	non	unknown theeadl theelthe ?	PM97	JARL	Magadan
7039	0.5	2012	09	28	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	28	1830	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	28	2145	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	29	1206	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	29	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	29	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	29	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	29	1820	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	29	1824	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	29	2148	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	09	30	1210	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	30	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	30	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	30	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	09	30	1844	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	09	30	1920	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039.0		2012	09	DY	<1700>	A1A		RUS	RIW	Moscow - Beacon C	RF72LQ	NZART	ZL1BAD
7039.3		2012	09	DY	<1700>	A1A		RUS	RCC	Petropavlovsk - Beacon K	RF72LQ	NZART	ZL1BAD
7039.4		2012	09	DY	<1700>	A1A		RUS	RTS	Magadan - Beacon M	RF72LQ	NZART	ZL1BAD
7039.9		2012	09	DY	<1700>	A1A		RUS	RIT	Severomorsk - Beacon S	RF72LQ	NZART	ZL1BAD
7040	0.5	2012	09	02	21:04	A1A				train of " M ", "K"		JARL	
7040	0.5	2012	09	04	23:02	A1A				train of " K ", " M "		JARL	
7040	0.5	2012	09	05	22:42	A1A				train of " K ", " M "		JARL	
7040	0.5	2012	09	06	02:28	A1A				train of " F ", " K ", " M "		JARL	
7040	0.5	2012	09	20	23:07	A1A				m tts m tts m tts		JARL	
7040	0.5	2012	09	23	23:11	A1A				m tts m tts		JARL	
7040	0.5	2012	09	25	23:45	A1A				train of "K", "F", "M"		JARL	
7040	0.5	2012	09	25	23:45	A1A				train of " K ", " M "		JARL	
7040	0.5	2012	09	26	22:40	A1A				train of "M", "K"		JARL	
7054		2012	09	DY	<1950>	F1B	200	RUS	REA4	Russian Airforce. Idle sigs most of time	RF72LQ	NZART	ZL1BAD
7054		2012	09	DY	<0415>	F1B	200	RUS	REA4	Russian Airforce. Idle sigs most of time	RF72LQ	NZART	ZL1BAD
7054		2012	09	09	<0420>	F1B		RUS	REA4	Russian RTTY station Idling S5	RF73MF	NZART	ZL1GWE
7077	0.5	2012	09	04	1924	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7105	5	2012	09	01	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	01	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	02	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	02	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	03	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	03	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	04	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	04	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	05	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	05	2200	A3E	273	CHN	PBS Nei Meng	22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	05	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	06	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	06	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	07	2204	A1A	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	07	2206	A1A	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	08	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	08	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	09	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	09	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	10	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	10	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	11	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	11	2200	A3E	273	CHN	PBS Nei Meng	22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	11	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	12	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	12	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non

7105	5	2012	09	13	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	13	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	14	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	14	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	15	2206	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	15	2208	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	16	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	16	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	17	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	17	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	18	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	18	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	19	2204	A3E	273	CHN	PBS Nei Meng	Beacon	PM97	JARL	Hohhot
7105	3	2012	09	19	2206	A3E	non	CHN	non	Beacon	PM97	JARL	non
7105	5	2012	09	20	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	20	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	21	2206	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	21	2208	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	22	2204	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and	PM97	JARL	Hohhot
7105	3	2012	09	22	2206	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	3	2012	09	22	2258	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and Time signal 5+1 on time after QRT	PM97	JARL	Hohhot
7105	3	2012	09	23	2158	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non
7105	5	2012	09	23	2200	A3E	273	CHN	PBS Nei Meng	Music Chinese Talk and 22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	23	2204	A3E	non	CHN	non	Music Chinese Talk and	PM97	JARL	non

7105	3	2012	09	23	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 on time after QRT	PM97	JARL	Hohhot
7105	3	2012	09	24	2156	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	24	2200	A3E	273	CHN	PBS Nei Meng	22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	24	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	24	2258	A3E	273	CHN	PBS Nei Meng	23:00UTC Time signal 5+1 on time after QRT	PM97	JARL	Hohhot
7105	3	2012	09	25	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	25	2200	A3E	273	CHN	PBS Nei Meng	22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	25	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	25	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	5	2012	09	26	2210	A3E	273	RUS	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	26	2214	A3E	non	RUS	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	27	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	27	2214	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	28	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	28	2200	A3E	273	CHN	PBS Nei Meng	22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	28	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	28	2258	A3E	273	CHN	PBS Nei Meng	23:00UTC Time signal 5+1 on time after QRT	PM97	JARL	Hohhot
7105	3	2012	09	29	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	09	29	2200	A3E	273	CHN	PBS Nei Meng	22:00UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	3	2012	09	29	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non

7105	2	2012	09	29	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 on time after QRT	PM97	JARL	Hohhot
7105	5	2012	09	30	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	09	30	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	09	30	2258	H24	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 on time after QRT	PM97	JARL	Hohhot
7110		2012	09	DY	<1055>	1055-1220	A3E		?	Unid	B-C station Broadcast station S1 Home service transmission confirmed by	RF72LQ	NZART	ZL1BAD
7110		2012	09	10	<1041>	1041	A3E		MYA	Radio Myanmar	Arasu Broadcast station S9 + 20 dB Voice of Broad Masses Amharic 100 KW	RE68XL	NZART	ZL2TZE
7120		2012	09	19	<1840>	1840	A3E		ETH	VOBME		RE68XL	NZART	ZL2TZE
7120		2012	09	22	<0425>	0425	A3E		?	Unid	B-C station BC Station plus Phase Mod.	RF72LQ	NZART	ZL1BAD
7120		2012	09	22	<0750>	0750	A3E/JAM		?	Unid	Jammer	RF72LQ	NZART	ZL1BAD
7120	3	2012	09	19	1746		A3E	non	non	non	unknown music and Talk	PM97	JARL	non
7120	3	2012	09	20	1614		A3E	non	non	non	unknown music and Talk	PM97	JARL	non
7120	3	2012	09	20	1736		A3E	non	non	non	unknown music and Talk	PM97	JARL	non
7120	3	2012	09	21	1750		A3E	non	non	non	Beacon	PM97	JARL	non
7120	3	2012	09	22	1214		JM	non	non	non	motor boat type unknown music	PM97	JARL	non
7120	3	2012	09	25	1826		A3E	non	non	non	and Talk	PM97	JARL	non
7160		2012	09	23	<1055>	1055	F7D		?	Unid	Idling all 8 channels	RF72LQ	NZART	ZL1BAD
7165		2012	09	22	<0425>	0425	A3E		?	Unid	Same station as on 7120 kHz	RF72LQ	NZART	ZL1BAD
7165		2012	09	22	<0425>	0425	G7DE		?	Unid	HF Man Pack 8 PSK	RF72LQ	NZART	ZL1BAD
7185		2012	09	02	<1205>	1205	A3E		?	Unid	Badly distorted - spurious emission	RF72LQ	NZART	ZL1BAD
7200		2012	09	09	<0400>	0400-0500	A3E		CLA	Radio Eritrea	Broadcast station S5 Radio Eritrea African dialect	RF73MF	NZART	ZL1GWE
7222		2012	09	23	<0708>	0708	G7DF		?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE
7229		2012	09	28	<0608>	0608	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE

7229.5	9	2012	09	28	<0601>	0601	G7D		?	Unid	OFDM 66 tones Military suspected Commercial or military OFDM 60+ tones S4 and fading out or	RF73MF	NZART	ZL1GWE
7231		2012	09	09	<0500>	0500- 0626	G7D	37.5	?	Unid	DRM?	RF73MF	NZART	ZL1GWE
7235		2012	09	28	<0610>	0610	G7DF		?	Unid	HF Man pack 8 PSK S3	RF73MF	NZART	ZL1GWE
7240		2012	09	09	<0420>	0420	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE
7245		2012	09	28	<0606>	0606	G7DF		?	Unid	HF Man pack 8- PSK S3	RF73MF	NZART	ZL1GWE
7253		2012	09	23	<0705>	0705	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
7270		2012	09	09	<0406>	0406	G7DF		?	Unid	HF Man Pack 8 PSK S3	RF73MF	NZART	ZL1GWE