



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



May 2012

Peter Young VK3MV

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

This month there were 1105 observations made across the Region, slightly down from last month of 1135. Again this month there is an increase in the number of intrusions in the higher frequency bands.

The Burmese broadcast station operating on 7110 kHz, and a number of OHR radars operating 40 and 20 meters bands had again been reported to the Australian regulator. No information has been received in relation to these intruders.

Again this month the NZART reported a new type of intruder into the 40, 20 15 and 10 meter amateur bands. These are a 6-8 channel PSK sequential frequency hoppers. Directional information on these intruders is required.

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

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

Peter – VK3MV

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3521.0	3	2012	5	17	1945		A2E						MODULATION IS 50 HZ SIDE BANDS, UNSTABLE FREQ	QG52xi	WIA	VK4TJ
3531.0	3	2012	5	6	2005		G7D						10 SUBCARRIERS ON 50 HZ INTERVALS, IDLING	QG52xi	WIA	VK4TJ
3553	3	2012	05	14		06:06	A3E						Japanese song with no call sign		JARL	
3584.0	3	2012	5	1	1950		J1C						DAILY	QG52xi	WIA	VK4TJ
3623.0	3	2012	5	1	1950		J1C						DAILY	QG52xi	WIA	VK4TJ
3642.0		2012	5	6	2010		A1A					3A7D	CALLING DKG6	QG52xi	WIA	VK4TJ
3798	0.5	2012	05	09		22:48	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	05	18		21:32	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2012	05	21		22:56	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
6950.0	150	2012	5	1	1955		P0N						OTHR, SPILLS INTO AMATEUR BAND	QG52xi	WIA	VK4TJ
7000.0		2012	5	5	2035		N0N				ISR		C/W SWEEPING TONE. 20 HZ INSIDE 40 MTR BAND	QG52xi	WIA	VK4TJ
7000.0	3	2012	5	1	0810		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000	+100	2012	05	01	<1935>	1935	P0N				Unid	?	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	05	06	<2030>	2030 0708-	P0N				Unid	?	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000	*	2012	05	10	<0708>	0710	P0N				Unid	?	OTHR up to 7011 S3 QSB	RF73MF	NZART	ZL1GWE
7000		2012	05	18	<0715>	0715	J3E/U				Unid	?	Non-Amateurs - Many	RF72LQ	NZART	ZL1BAD
7000		2012	05	25	<2000>	2000	P0N				Unid	?	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7002.5	*	2012	05	08	<1908>	1908	P0N				Unid	?	OTHR S3	RF73MF	NZART	ZL1GWE
7003.0	3	2012	5	19	2015		J3E/L						PORTUGUESE OR SPANISH	QG52xi	WIA	VK4TJ
7003		2012	05	13	<0109>	0109	G7DF				Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
7005.0	3	2012	5	10	0935		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7007		2012	05	13	<0108>	0108	G7DF				Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
7008.0	3	2012	5	1	1955		J3E/U						ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
7010.0	3	2012	5	14	0830		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2012	5	10	0940		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2012	5	24	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7017	34	2012	05	30	1814		P0N			non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7017	34	2012	05	31	1708		P0N			non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7017	34	2012	05	31	1808		P0N			non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7018		2012	05	13	<0243>	0243	G7DF				Unid	?	HF Man Pack S4 8-PSK	RF73MF	NZART	ZL1GWE
7019		2012	05	31	<1930>	1930	F1B		500		Unid	?	Idling Sigs only SW BROADCAST, ENGLISH, RADIO	RF72LQ	NZART	ZL1BAD
7020.0	8	2012	5	17	1020		A3E				AUS			QG52xi	WIA	VK4TJ

AUSTRALIA

7020.0	3	2012	5	8	0940	J3E/L		INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2012	5	1	0810	J3E/U		INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020	30k	2012	05	25	<2000>	2000	VXX	Unid	?		CODAR 3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7020	30k	2012	05	31	<1930>	1930	VXX	Unid	?		CODAR 3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7023	34	2012	05	08	1820	P0N		non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7023	34	2012	05	16	1610	P0N		non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7023	34	2012	05	16	1708	P0N		non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7023	34	2012	05	16	1802	P0N		non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7025.0	3	2012	5	23	1005	J3E/U		INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7028		2012	05	13	<0109>	0109	G7DF		Unid	?	HF Man Pack S1 + SoC 8-PSK	RF73MF	NZART	ZL1GWE
7029	34	2012	05	22	1708	P0N		non	non	non	7012KHz ~ 7046KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7030.0	3	2012	5	28	0950	J3E/L		INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2012	5	10	1025	J3E/U		INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7035	3	2012	05	29	1610	F1B		non	non	non	now on air	PM97	JARL	non
7036	3	2012	05	04	1806	F1B		non	non	non	Beacon	PM97	JARL	non
7036	3	2012	05	05	1820	F1B		non	non	non	IDL only	PM97	JARL	non
7036	3	2012	05	09	1810	F1B		non	non	non	Beacon	PM97	JARL	non
7036	3	2012	05	11	1808	F1B		non	non	non	IDL only	PM97	JARL	non
7036	3	2012	05	17	1822	F1B		non	non	non	IDL only	PM97	JARL	non
7036	3	2012	05	24	1808	F1B		non	non	non	IDL only	PM97	JARL	non
7036	3	2012	05	30	1818	F1B		non	non	non	IDL only	PM97	JARL	non
7038		2012	05	13	<0110>	0110	G7DF		Unid	?	HF Man Pack S4 8-PSK	RF73MF	NZART	ZL1GWE
7038.9		2012	5	1	1950	A1A		RU		S	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.0		2012	5	1	1950	A1A		RU		C	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039	0.5	2012	05	01	1220	A1A	H24	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	01	1602	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	01	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	01	1802	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	01	1804	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	02	1220	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	02	1602	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	02	1702	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	02	1802	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	03	1230	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	03	1602	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	03	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	03	1802	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	05	04	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	04	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	04	1702	A1A	non	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	04	1802	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	04	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	04	2216	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	05	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	05	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	05	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	05	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	06	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	06	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	06	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	06	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	06	1704	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	06	1814	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	06	2214	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	07	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	07	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	07	1706	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	07	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	07	2216	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	08	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	08	1708	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	08	1718	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	08	1828	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	09	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	09	1606	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	09	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	09	1704	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	09	1804	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	09	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	10	1220	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	10	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	10	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	10	1710	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	10	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	10	1822	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	11	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	11	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	11	1706	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	11	1802	A1A	321	non	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	11	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	12	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	12	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	05	12	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	12	1702	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	12	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	12	1802	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	12	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	12	2210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	13	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	13	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	13	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	13	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	13	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	14	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	14	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	14	1704	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	14	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	15	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	15	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	15	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	15	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	16	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	16	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	16	1606	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	16	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	16	1704	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	16	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	16	1812	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	17	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	17	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	17	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	17	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	17	1706	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	17	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	17	1808	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	18	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	18	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	18	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	18	1706	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	18	1708	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	18	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	18	1812	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	19	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	19	1222	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	19	1602	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	19	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	19	1702	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	05	19	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	19	1806	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	19	1808	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	20	1222	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	20	1702	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	20	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	1802	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	20	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	2206	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	2226	A1A	15	RUS	M--signal	Beacon	PM97	JARL	non
7039	0.5	2012	05	20	2246	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	20	2304	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	21	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	21	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	21	1712	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	21	1714	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	21	1814	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	22	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	22	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	22	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	22	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	22	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	23	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	23	1232	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	23	1602	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	23	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	23	1702	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	23	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	23	1804	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	23	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	24	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	24	1222	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	24	1602	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	24	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	24	1704	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	24	1804	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	25	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	25	1222	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	25	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2012	05	25	1706	A1A	321	RUS	F--signal	Beacon	PM97	JARL	non
7039	0.5	2012	05	25	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL	non

7039	0.5	2012	05	25	1820	H24	A1A	321	RUS	F--signal	Beacon	PM97	JARL	non
7039	0.5	2012	05	26	1210		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	26	1212		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	26	1604		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	26	1606		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	26	1706		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	26	1708		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	26	1710		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	26	1808		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	26	1810		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	27	1220		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	27	1620		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	27	1710		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	27	1712		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	27	1716		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	05	27	1806		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	28	1210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	28	1602		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	28	1604		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	28	1704		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	28	1706		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	28	1802		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	28	1804		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	29	1210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	29	1604		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	29	1606		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	29	1704		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	29	1706		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	29	1812		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	29	2212		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	29	2214		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	30	1220		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	30	1222		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	30	1710		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	30	1712		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	30	1808		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	30	1810		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	30	2214		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	31	1220		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	31	1222		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	31	1602		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	31	1604		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	05	31	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	31	1704		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	05	31	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	05	31	1812	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039		2012	05	DY	<0300>	0300-2200 A1A		RUS	C	Moscow - Beacon C - RIW	RF72LQ	NZART	ZL1BAD
7039		2012	05	DY	<0300>	0300-2200 A1A		RUS	A	Astrakhan (No call sign)	RF72LQ	NZART	ZL1BAD
7039		2012	05	DY	<0300>	0300-2200 A1A		RUS	F	Vladivistok - Beacon F - RJS	RF72LQ	NZART	ZL1BAD
7039		2012	05	DY	<0300>	0300-2200 A1A		RUS	P	Kaliningrad - Beacon P - RMP	RF72LQ	NZART	ZL1BAD
7039.2		2012	5	1	1950	A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2012	5	1	0810	A1A		RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2012	05	DY	<0300>	0300-2200 A1A		RUS	K	Petropavlovsk - Beacon K - RCC	RF72LQ	NZART	ZL1BAD
7039.4		2012	5	1	0810	A1A		RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2012	05	DY	<0300>	0300-2200 A1A		RUS	M	Magadan - Beacon M - RTS	RF72LQ	NZART	ZL1BAD
7039.7		2012	05	10	<0710>	0710 A1A		RUS	M	SLB Beacon M CW S2 - RTS	RF73MF	NZART	ZL1GWE
7039.9		2012	05	10	<0710>	0710 A1A		RUS	C	SLB Beacon C CW S2 - RTS	RF73MF	NZART	ZL1GWE
7039.9		2012	05	DY	<0300>	0300-2200 A1A		RUS	S	Severomorsk - Beacon S - RIT	RF72LQ	NZART	ZL1BAD
7040	0.5	2012	05	09		22:50 A1A				train of " M "		JARL	
7040	0.5	2012	05	11		22:52 A1A				train of " M " , " F "		JARL	
7040	0.5	2012	05	14		06:18 A1A				train of " M "		JARL	
7040	0.5	2012	05	17		22:51 A1A				train of " F " and " M "		JARL	
7040	0.5	2012	05	20		21:01 A1A				train of " M " , " F "		JARL	
7040	0.5	2012	05	21		22:58 A1A				train of " M "		JARL	
7040	0.5	2012	05	26		18:56 A1A				train of " M "		JARL	
7053	34	2012	05	23	1708	P0N	non	non	non	7036KHz 7070KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7054.0	1	2012	5	1	2015	G7D				APPROX 12 SUBCARRIERS ON 30 HZ CENTRES	QG52xi	WIA	VK4TJ
7054	3	2012	05	01	1706	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	01	1808	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	02	1604	A1A	15	RUS	M--signal	now on air	PM97	JARL	Magadan
7054	3	2012	05	02	1704	F1B	non	non	non	now on air	PM97	JARL	non
7054	3	2012	05	02	1804	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	03	1710	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	03	1806	F1B	non	non	non	IDL only	PM97	JARL	Magadan
7054	3	2012	05	04	1706	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	04	1810	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	04	1812	H24 F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	04	1902	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	05	1708	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	05	1806	F1B	non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	06	1708	F1B	non	non	non	now on air	PM97	JARL	non

7054	3	2012	05	07	1710	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	07	1808	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	07	1824	F1B		non	non	non	now on air	PM97	JARL	non
7054	3	2012	05	08	1712	F1B		non	non	non	now on air	PM97	JARL	non
7054	3	2012	05	08	1824	F1B		non	non	non	now on air	PM97	JARL	non
7054	3	2012	05	09	1710	F1B		non	non	non	Beacon	PM97	JARL	non
7054	3	2012	05	09	1814	F1B		non	non	non	Beacon	PM97	JARL	non
7054	3	2012	05	10	1706	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	10	1814	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	11	1710	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	11	1812	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	12	1708	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	12	1806	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	13	1624	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	13	1712	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	13	1824	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	14	1708	F1B		non	non	non	Beacon	PM97	JARL	non
7054	3	2012	05	14	1810	F1B		non	non	non	Beacon	PM97	JARL	non
7054	3	2012	05	15	1706	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	15	1806	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	17	1710	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	17	1812	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	18	1712	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	18	1816	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	19	1708	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	19	1812	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	20	1708	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	20	1810	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	21	1704	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	21	1804	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	22	1712	F1B		non	non	non	IDL only	PM97	JARL	non
7054	3	2012	05	22	1810	F1B		non	non	non	IDL only	PM97	JARL	non
7054		2012	05	07	<0520> 0520	F1B			RUS	REA4	REA4 S2 Idling	RF73MF	NZART	ZL1GWE
7054		2012	05	08	<1910> 1910	F1B			RUS	REA4	REA4 S2 Idling	RF73MF	NZART	ZL1GWE
7054		2012	05	10	<0710> 0710	F1B			RUS	REA4	REA4 S3 Idling	RF73MF	NZART	ZL1GWE
7054		2012	05	30	<1911> 1911	F1B			RUS	REA4	REA4 S1 via WebSDR de	RF73MF	NZART	ZL1GWE
7054		2012	05	DY	<0500> 0500-2000	F1B	200		RUS	REA4	VK2DAY Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7058		2012	05	12	<0508> 0508	G7DF			Unid	?	HF Man Pack S1 + SoC 8-PSK	RF73MF	NZART	ZL1GWE
7062		2012	05	13	<0240> 0240	G7DF			Unid	?	HF Man Pack S4 8-PSK	RF73MF	NZART	ZL1GWE
7065	34	2012	05	17	1608	P0N		non	non	non	7048KHz ~ 7082KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7067.0	5	2012	5	8	0940	G7D					>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ

7071.		2012	05	08	<1916>	1916	J3E/L		SRI	?		Sri Lankan Fishermen	Rf73MF	NZART	ZL1GWE
7074	3	2012	05	20	1608		JM	non	non		non	white noise	PM97	JARL	non
7077	34	2012	05	02	1708		P0N	non	non		non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7077.85	34.5	2012	05	10	<0710>	0710	VXX		Unid	?		CODAR 2-3 pps S3	RF73MF	NZART	ZL1GWE
7080.0	40	2012	5	19	2015		VXX					CODAR, SWEEPS 40 KHZ	QG52xi	WIA	VK4TJ
7083	34	2012	05	01	1710		P0N	non	non		non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7083	34	2012	05	21	1608		P0N	non	non		non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7083	34	2012	05	21	1708	H24	P0N	non	non		non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7084		2012	05	13	<0111>	0111	G7DF		Unid	?		HF Man Pack S4 8-PSK	Rf73MF	NZART	ZI1GWE
7088	0.5	2012	05	14		23:12	A1A					random number		JARL	
7090		2012	05	25	<1900>	1900	A1A		Unid	Y6DE		Non Amateur CW station	RE68XL	NZART	ZL2TZE
7095	34	2012	05	11	1714		P0N	non	non		non	QSB Russian?			
7096	3	2012	05	01	1604		F1B	non	non		non	7078KHz ~ 7112KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7098		2012	05	13	<0440>	0440	G7DF		Unid	?		IDL only	PM97	JARL	non
7101	34	2012	05	21	1808		P0N	non	non		non	HF Man Pack S1 + SoC 8-PSK	RF73MF	NZART	ZL1GWE
7102		2012	05	13	<0444>	0444	G7DF		Unid	?		7084KHz ~ 7118KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7105	5	2012	05	01	2210		A3E	273	CHN		PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	01	2212		A3E	non	CHN		Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	02	2210		A3E	273	CHN		non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	02	2212		A3E	non	CHN		PBS Nei	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	03	2204		A3E	273	CHN		Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	03	2206		A3E	non	CHN		non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	04	2210		A3E	273	CHN		PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	04	2212		A3E	non	CHN		non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	05	2210		A3E	273	CHN		Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	05	2212		A3E	non	CHN		non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	06	2206		A3E	273	CHN		PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	06	2208		A3E	non	CHN		non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	07	2210		A3E	273	CHN		Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	07	2212		A3E	non	CHN		non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	08	2210		A3E	273	CHN		PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	08	2212		A3E	non	CHN		Meng	Chinese Talk and Music	PM97	JARL	non

7105	5	2012	05	09	2204	A3E	273	CHN	PBS Nei Meng	Beacon	PM97	JARL	Hohhot
7105	3	2012	05	09	2206	A3E	non	CHN	non	Beacon	PM97	JARL	non
7105	3	2012	05	10	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	11	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	11	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	12	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	12	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	13	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	13	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	14	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	14	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	05	15	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	15	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time signal 5+1	PM97	JARL	Hohhot
7105	3	2012	05	15	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	05	15	2300	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5+1	PM97	JARL	Hohhot
7105	5	2012	05	16	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	16	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	17	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	17	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	18	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	18	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	19	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	19	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	05	20	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	20	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00UTC Time signal 5+1	PM97	JARL	Hohhot
7105	3	2012	05	20	2202	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	20	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	20	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	05	20	2220	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	0.5	2012	05	20	2222	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	20	2240	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	20	2242	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non

7105	3	2012	05	20	2300	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 2sec late	PM97	JARL	Hohhot
7105	5	2012	05	21	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	21	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	22	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	22	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	23	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	23	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	24	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	24	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	25	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Magadan
7105	3	2012	05	25	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Magadan
7105	5	2012	05	26	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	26	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	27	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	27	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	28	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	28	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	29	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	29	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	30	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	30	2208	H24 A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	05	31	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	05	31	2206	H24 A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	30k	2012	05	20	<1945>	1945 VXX		Unid	?	CODAR 3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7105.2	3	2012	5	14	0840	J3E/U				ASIAN, SOUND CHINESE	QG52xi	WIA	VK4TJ
7107		2012	05	13	<0137>	0137 G7DF		Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
7110.0	8	2012	5	5	1220	A3A		BRM		DAILY	QG52xi	WIA	VK4TJ
7113.0	1	2012	5	17	1935	F1B				TOR	QG52xi	WIA	VK4TJ
7113	34	2012	05	07	1820	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7113	34	2012	05	13	1828	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7113	34	2012	05	20	1712	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7115	30k	2012	05	13	<1945>	1945 VXX		Unid	?	CODAR 3.5 PPS Continuous	RF72LQ	NZART	ZL1BAD
7117		2012	05	13	<0437>	0437 G7DF		Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE

7119	34	2012	05	15	1710	P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7119	3	2012	05	17	1612	JM	non	non	non	white noise	PM97	JARL	non
7120.0	9	2012	5	24	<2200 - 2030	A3A			Unid	African Music - Parallel B'cast with 7175; close 2230	QF22	WIA	VK3MV
7121.0		2012	5	11	2040	A1A			2KFG	4 CHAR MIXED	QG52xi	WIA	VK4TJ
7122	3	2012	05	11	1816	JM	non	non	non	NUMBER/LETTER CIPHER	PM97	JARL	non
7122	0.5	2012	05	11		A1A				white noise		JARL	
					22:54					random number			
7125	34	2012	05	12	1712	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7125		2012	05	13	<0252>	G7DF		Unid	?	HF Man Pack S4 8-PSK	RF73MF	NZART	ZL1GWE
7131		2012	05	13	<0143>	G7DF		Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
7132		2012	05	13	<0144>	G7DF		Unid	?	HF Man Pack S3-5 stick out	RF73MF	NZART	ZL1GWE
7133		2012	05	05	<0200>	VXX		Unid	?	like sore thumbs	RE68XL	NZART	ZL2TZE
7134	0.5	2012	0.5	21		A1A				CODAR 2 pps		JARL	
7135	30	2012	05	25	<1800>	VXX		Unid	?	random number	RE68XL	NZART	ZL2TZE
7137	34	2012	05	15	1606	P0N	non	non	non	CODAR 2 pps			
										7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7137	34	2012	05	17	1714	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7137	34	2012	05	17	1816	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7137	34	2012	05	25	1824	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	PM97	JARL	Magadan
7137	34	2012	05	29	1710	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7137	34	2012	05	29	1806	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7137		2012	05	13	<0138>	G7DF		Unid	?	HF Man Pack S5 8-PSK	Rf73MF	NZART	ZI1GWE
7137.5	35	2012	05	20	<0014>	VXX		Unid	?	CODAR	RE68XL	NZART	ZL2TZE
7138		2012	05	13	<0139	G7DF		Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZI1GWE
7140.0	30	2012	5	1	2000	VXX				DAILY, CODAR, SWEEPS	QG52xi	WIA	VK4TJ
7141		2012	05	13	<0136>	G7DF		Unid	?	30 KHZ	RF73MF	NZART	ZL1GWE
7142	36	2012	05	06	<1755>	VXX		Unid	?	HF Man Pack S4 8-PSK	RE68XL	NZART	ZL2TZE
										CODAR S2			
7143	34	2012	05	01	1812	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	04	1814	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	04	1906	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	05	1712	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non

7143	34	2012	05	05	1712		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	05	1816		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	06	1810		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	10	1818		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	23	1810		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	05	25	1712		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	Hohhot
7145		2012	05	DY	<0200>	0200	A3E			Unid	?	B-C Stn.	RF72LQ	NZART	ZL1BAD
7146		2012	05	13	<0115>	0115	G7DF			Unid	?	HF Man Pack S2 8-PSK 7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	Rf73MF	NZART	ZL1GWE
7149	34	2012	05	31	1608		P0N		non	non	non	Chinese Talk and Music	PM97	JARL	non
7150	5	2012	05	10	2204		A3E		273	CHN	PBS Nei Meng		PM97	JARL	Hohhot
7150	30k	2012	05	01	<1900>	1900	VXX			Unid	?	CODAR 3.5 PPS Continuous 7138KHz ~ 7172KHz Wide Pulse mode P0N OTHR ?	RF72LQ	NZART	ZL1BAD
7155	34	2012	05	22	1814		P0N		non	non	non	DAILY, ASIAN	PM97	JARL	non
7161.0	3	2012	5	1	0805		J3E/U					7144KHz ~ 7178KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	VK4TJ
7161	34	2012	05	14	1606		P0N		non	non	non	Fishing boats Tagalong speakers	PM97	JARL	non
7161		2012	05	01	<0058>	0058	J3E/L			Unid	?	CALLING RMCQ	RE54HF	NZART	ZL4IV
7165.0		2012	5	1	2000		A1A				RJMD	African Music - Parallel B'cast with 7200; close 2230	QG52xi	WIA	VK4TJ
7175.0	9	2012	5	24	<2200-2230		A3A				Unid	SW BROADCAST, ARABIC LANGUAGE	QF22	WIA	VK3MV
7175.0	8	2012	5	23	0620		A3E					CODAR, SWEEPS 30 KHZ	QG52xi	WIA	VK4TJ
7175.0	30	2012	5	21	0945		VXX						QG52xi	WIA	VK4TJ
7175		2012	05	04	<1732>	1732	A3E			GUI	Radio Conakry	Radio Conakry S7 >50 SUBCARRIERS ON 80 HZ INTERVALS	RE68XL	NZART	ZL2TZE
7184.0	5	2012	5	24	0950		G7D					SW BROADCAST	QG52xi	WIA	VK4TJ
7185.0	8	2012	5	31	1210		A3E						QG52xi	WIA	VK4TJ
7185		2012	05	13	<0240>	0240	G7DF			Unid	?	HF Man Pack S4 8-PSK >50 SUBCARRIERS ON 50 HZ INTERVALS	Rf73MF	NZART	ZL1GWE
7186.0	5	2012	5	8	0945		G7D						QG52xi	WIA	VK4TJ
7193		2012	05	13	<0247>	0247	G7DF			Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
7195.0	8	2012	5	1	0805		A3E					SW BROADCAST	QG52xi	WIA	VK4TJ
7199		2012	05	13	<0245>	0245	G7DF			Unid	?	HF Man Pack S1 + SoC 8-PSK	RF73MF	NZART	ZL1GWE
7200.0	6	2012	5	1	1955		A3E			SUD		DAILY, SW BROADCAST	QG52xi	WIA	VK4TJ
7272		2012	05	13	<0245.	0245	G7DF			Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE

7299		2012	05	13	<0058>	0058	G7DF	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
10120	0.5	2012	05	14		23:21	A1A			random number		JARL	
10140.0	8	2012	5	8	0930		A3E	KRE		SW BROADCAST	QG52xi	WIA	VK4TJ
13990.0	20	2012	5	4	2335		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000	3	2012	5	1	00:20--01:05		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	1	07:15--07:45		J3E/U	315	CLN	2 males, calling on-off	OF84wx	WIA	VK6XW
14000	3	2012	5	1	22:50--00:30		J3E/U	315	CLN	2 males, not continuous, just on and off	OF84wx	WIA	VK6XW
14000	3	2012	5	1	22:45--23:55		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	2	00:25--01:00		J3E/U	360	INS	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	2	01:42--02:00		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	2	07:20--08:15		J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	2	22:45--23:33		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	3	22:43--23:00		J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	3	23:41--23:45		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	4	00:15--00:25		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	4	01:17--01:32		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	4	02:12--02:40		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	4	08:30--08:43		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	4	23:15--23:19		J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	5	4	23:35--23:47		J3E/U	315	CLN	2 males calling, no reply, no copy of each other	OF84wx	WIA	VK6XW
14000	3	2012	5	5	00:18--01:00		J3E/U	315	CLN	2 males on-off short talks	OF84wx	WIA	VK6XW
14000	3	2012	5	5	<07:40--07:50		J3E/U	315	CLN	Group of males, work from boats	OF84wx	WIA	VK6XW
14000	3	2012	5	5	09:15--09:30		J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	5	22:36--22:39		J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	5	6	00:18--00:28		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	6	00:54--01:45>		J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	6	22:45--00:03		J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	7	<22:45--00:38		J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW

14000	3	2012	5	8	01:15-- 01:40	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	8	07:12-- 08:48	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	8	23:20-- 02:15	J3E/U	315	CLN	1 male calling many times, no replies at all	OF84wx	WIA	VK6XW
14000	3	2012	5	9	02:40-- 02:52	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	9	03:45-- 04:12	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	9	22:46-- 22:48	J3E/U	315	CLN	1 males calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	5	10	08:15-- 08:16	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	5	10	08:25-- 08:26	J3E/U	315	CLN	1 males calling, no reply	OF84wx	WIA	VK6XW
14000	3	2012	5	10	09:03-- 09:07	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	11	07:35-- 08:25	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	11	23:30-- 00:33	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	12	22:47-- 01:25	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	13	<07:35-- 07:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	13	23:00-- 23:58	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	14	07:07-- 07:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	14	08:35-- 09:13	J3E/U	360	INS	1 male, several calls, no reply	OF84wx	WIA	VK6XW
14000	3	2012	5	14	22:45-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	15	00:05-- 00:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	15	01:00-- 02:20	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	15	<07:15-- 09:35	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	15	22:41-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	16	00:35-- 00:58	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	16	01:30-- 03:55	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	16	07:16-- 08:55	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	16	22:45-- 01:12	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	17	07:32-- 08:52	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	17	23:10--	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW

					00:42							
14000	3	2012	5	18	07:02-- 07:30	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	18	07:32-- 09:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	18	22:41-- 23:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	19	23:00-- 23:47	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	20	00:10-- 01:35>	J3E/U	315	CLN	2 groups of males, no qrm to each other	OF84wx	WIA	VK6XW
14000	3	2012	5	20	07:30-- 08:13	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	20	22:55-- 00:35	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	21	01:00-- 01:50	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	21	22:54-- 23:55	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	22	23:04-- 00:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	23	01:10-- 01:25	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	24	01:55-- 02:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	24	07:00-- 07:18	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	24	23:05-- 00:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	25	<09:05-- 09:25	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	25	22:48-- 23:10	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	26	00:02-- 00:15	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	26	00:25-- 00:37	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	26	07:53-- 08:14	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	26	09:03-- 09:09	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	26	23:57-- 00:44	J3E/U	315	CLN	2 males, on--off	OF84wx	WIA	VK6XW
14000	3	2012	5	27	07:28-- 09:30	J3E/U	315	CLN	1 male calling no reply until 07:37	Of84wx	WIA	VK6XW
14000	3	2012	5	27	23:23-- 00:34	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	27	23:35-- 01:15	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	28	07:33-- 08:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14000	3	2012	5	28	23:13-- 00:37	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14000	3	2012	5	29	08:30--	J3E/U	315	CLN	Group of malesa, vy hard to	OF84wx	WIA	VK6XW

					08:47							copy							
14000	3	2012	5	29	23:35--00:03		J3E/U			315	CLN		Group of males	OF84wx	WIA		VK6XW		
14000	3	2012	5	30	08:07--08:20		J3E/U			315	CLN		Group of males	OF84wx	WIA		VK6XW		
14000	3	2012	5	30	08:40--08:45		J3E/U			315	CLN		2 males	OF84wx	WIA		VK6XW		
14000	3	2012	5	30	23:40--00:10		J3E/U			315	CLN		2 males	OF84wx	WIA		VK6XW		
14000	3	2012	5	31	01:14--01:28		J3E/U			315	CLN		2 males	OF84wx	WIA		VK6XW		
14000	3	2012	5	31	07:30--07:39		J3E/U			315	CLN		2 males	OF84wx	WIA		VK6XW		
14000	3	2012	5	31	07:44--07:45		J3E/U			315	CLN		1 male calling, no reply	OF84wx	WIA		VK6XW		
14000	3	2012	5	31	07:50--07:52		J3E/U			315	CLN		1 male calling, no reply	OF84wx	WIA		VK6XW		
14000	3	2012	5	31	08:28--08:31		J3E/U			315	CLN		2 males	OF84wx	WIA		VK6XW		
14000	3	2012	5	31	23:30--23:40		J3E/U			315	CLN		Group of males	OF84wx	WIA		VK6XW		
14000.0	20	2012	5	17	2005		P0N						OTHR, CONTINUOUS	QG52xi	WIA		VK4TJ		
14000.0	3	2012	5	1	0850		J3E/U						DAILY, ASIAN	QG52xi	WIA		VK4TJ		
14000.2	3	2012	5	15	0835		J3E/U						DAILY, ASIAN	QG52xi	WIA		VK4TJ		
14001.5	3	2012	5	13	00:20--01:22		J3E/U			360	INS		2 males	OF84wx	WIA		VK6XW		
14002	3	2012	5	24	07:50--08:04		J3E/L			315	CLN		Group of males	OF84wx	WIA		VK6XW		
14002		2012	05	13	<0723>	0723	G7DF				Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART		ZL1GWE		
14002.1	3	2012	5	16	0920		J3E/U						ASIAN	QG52xi	WIA		VK4TJ		
14002.2	3	2012	5	16	08:25--00:00		J3E/U			360	INS		Female-male	OF84wx	WIA		VK6XW		
14004.7		2012	05	10	<0150-0200.		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI				
14008.0	1	2012	5	16	0955		F1B		200					QG52xi	WIA		VK4TJ		
14008		2012	05	12	<0413>	0413	F1B	50	250		RUS	?	RTTY Commercial CIS-50-50 S9	RF80HL	NZART		ZL2iFB		
14010.0	50	2012	5	1	2035		P0N						OTHR, CONTINUOUS	QG52xi	WIA		VK4TJ		
14010.0	5	2012	5	1	0850		G7D						>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA		VK4TJ		
14013	3	2012	5	3	23:00--23:12		J3E/U			315	CLN		2 males	OF84wx	WIA		VK6XW		
14013.1		2012	05	13	<0220-0225>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI				
14014.0	5	2012	5	21	0930		G7D						>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA		VK4TJ		
14014		2012	05	09	<0130-0140>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI				
14014		2012	05	17	<0200-0215>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI				

LANGUAGE ONLY – 2 OM

14014		2012	05	31	<0220-0230>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14015.7	3	2012	5	14	0845	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14016.0	5	2012	5	15	0415	G7D				>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14016.0	3	2012	5	10	0915	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14020	3	2012	5	14	<08:05--08:13	J3E/L	360	INS		2males	OF84wx	WIA	VK6XW
14020		2012	05	15	<0210-0220>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2012	05	26	<2337>	2337	G7DF		RUS	? 12 Tone PSK Modem AT3004D Far East Russia S3	RF73MF	NZART	ZL1GWE
14024.2		2012	05	31	<0235-0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14025		2012	05	13	<0728>	0728	G7DF		Unid	? HF Man Pack S3 8-PSK DAILY	RF73MF	NZART	ZL1GWE
14027.0	3	2012	5	1	0850	J1C					QG52xi	WIA	VK4TJ
14028.0	3	2012	5	6	1225	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14028.0	1	2012	5	3	0905	F1B	HIGH	250		NO DECODES	QG52xi	WIA	VK4TJ
14030		2012	05	19	<0200-0210>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14030.7		2012	05	06	<0050-0055>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14031		2012	05	07	<0115-0130>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14031		2012	05	08	<0130-0140>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14031.3		2012	05	08	<1130-1140>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14040.0	8	2012	5	26	2200-2300	A3E		PHL	VOA	IMD DAILY SW BROADCAST	QG52xi	WIA	VK4TJ
14040.3	3	2012	5	25	0815	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14040.4		2012	05	13	<0135-0140>	J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14041.0	30	2012	5	13	2305	VXX				VERY RAPID SWEEPS, 30 KHZ, UNSTABLE NOMINAL FREQ	QG52xi	WIA	VK4TJ
14044.0	3	2012	5	16	0955	J3E/U				ASIAN, BAHASA OR TAGALOG, FAMILY NET	QG52xi	WIA	VK4TJ
14047.0	3	2012	5	2	1010	J3E/U				ASIAN, ENGINE NOISE,	QG52xi	WIA	VK4TJ

14048	3	2012	5	3	07:44--08:12	J3E/U	315	CLN	FISHBOATS 2 males	OF84wx	WIA	VK6XW
14048	3	2012	5	12	00:30--00:42	J3E/U	360	INS	2 males	OF84wx	WIA	VK6XW
14048	3	2012	5	12	<08:15--08:57	J3E/U	360	INS	2 males	OF84wx	WIA	VK6XW
14048	3	2012	5	14	00:02--01:08	J3E/U	360	INS	2 males	OF84wx	WIA	VK6XW
14048	3	2012	5	16	07:25--07:28	J3E/U	360	INS	2 males, short call	OF84wx	WIA	VK6XW
14048	3	2012	5	18	23:10--23:25	J3E/U	315	CLN	Group of males	OF84wx	WIA	VK6XW
14048.0	3	2012	5	12	0720	J3E/U		PHL	DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14050.8		2012	05	08	<1255-1300>	J3E/U		CLN	UNID SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM 8 PAIRS OF PSK'D CARRIERS SPACED 300 HZ	MK82	ARSI	
14052.0	5	2012	5	19	0900	G7D			ASIAN	QG52xi	WIA	VK4TJ
14055.0	3	2012	5	24	0955	J3E/L			DAILY SW BROADCAST IMD?	QG52xi	WIA	VK4TJ
14055.0	8	2012	5	3	2015	A3E			ASIAN	QG52xi	WIA	VK4TJ
14055.1	3	2012	5	12	0910	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14057.1	3	2012	5	15	0005	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14057.3	3	2012	5	20	2035	J3E/U			DAILY, MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14060.8		2012	5	10	0920	A1A			1 male calling	OF84wx	WIA	VK6XW
14061	3	2012	5	14	22:47--23:05	J3E/U	315	CLN	1 males calling, no reply	OF84wx	WIA	VK6XW
14061	3	2012	5	16	22:45--23:00	J3E/U	315	CLN	DAILY, ASIAN 8 PAIRS OF PSK'D CARRIERS SPACED 300 HZ	QG52xi	WIA	VK4TJ
14061.0	3	2012	5	8	0910	J3E/U			2 males	OF84wx	WIA	VK6XW
14065.0	5	2012	5	15	0735	G7D			ASIAN	QG52xi	WIA	VK4TJ
14066	3	2012	5	11	<03:15--03:30>	J3E/U	360	INS	2 males	OF84wx	WIA	VK6XW
14066.0	3	2012	5	28	0935	J3E/U			2 males	OF84wx	WIA	VK6XW
14067	3	2012	5	7	<00:12--00:18	J3E/L	360	INS	ASIAN	QG52xi	WIA	VK4TJ
14068.0	3	2012	5	22	0910	J3E/U			SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14070		2012	05	12	<0235-0245>	J3E/U		CLN	UNID SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14070		2012	05	14	<0150-0155>	J3E/U		CLN	UNID CODAR FROM 14065 TO 14120 Khz PLUS TILL 0243 U; CENTRE FREQ GIVEN	MK82	ARSI	
14083		2012	05	06	<0100-0243	V0N		UNID	UNID	MK82	ARSI	

14084.0	3	2012	5	14	0905	J3E/U				DAILY, SPANISH OR			
14085	3	2012	5	7	07:45-- 07:55	J3E/U	360	INS		PORTUGUESE	QG52xi	WIA	VK4TJ
										2 males	OF84wx	WIA	VK6XW
14088.6	3	2012	5	28	0915	J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14089.1	3	2012	5	14	0905	J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14090.0	30	2012	5	1	0855	VXX				DAILY, CODAR, SWEEPS	QG52xi	WIA	VK4TJ
14092	3	2012	5	15	<23:25-- 23:45	J3E/U	315	CLN		30 KHZ	OF84wx	WIA	VK6XW
										2 males			
14099.0	5	2012	5	17	0805	G7D				8 PAIRS OF PSK'D CARRIERS SPACED 300 HZ	QG52xi	WIA	VK4TJ
14100.0		2012	5	22	0915	A1A				MIXED NUMBER/LETTER CIPHER. ON TOP OF NCDXF BEACONS	QG52xi	WIA	VK4TJ
14100.0	3	2012	5	16	0930	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14101.7		2012	5	16	0930	A1A				DAILY, MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14102.2	3	2012	5	20	0835	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14103.6		2012	5	24	0725	A1A				CIPHER GROUPS, SOME CYRILLIC CHARACTERS	QG52xi	WIA	VK4TJ
14108.0	3	2012	5	10	0915	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14110.0	3	2012	5	24	0955	A1A				4 CHAR MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14110.0		2012	5	24	0955	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14110.0	8	2012	5	9	1020	A3E		PHL	VOA	IMD	QG52xi	WIA	VK4TJ
14110.8	3	2012	5	13	<22:58-- 23:06	J3E/U	360	INS		2 males	OF84wx	WIA	VK6XW
14111.2	3	2012	5	16	0930	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14113.0	5	2012	5	5	2040	G7D				6 PAIRS OF PSK'D CARRIERS SPACED 300 HZ	QG52xi	WIA	VK4TJ
14113.0	5	2012	5	1	0855	G7D				>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14116.6	3	2012	5	17	0810	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14123.0	3	2012	5	16	0940	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14126.0		2012	5	16	0935	A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14132.8	3	2012	5	23	0810	J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14132.9	3	2012	5	20	0845	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14138.0	3	2012	5	22	0950	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14141.3	3	2012	5	21	0915	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14145.6	3	2012	5	3	0905	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14151.4		2012	05	17	<0200- 0220>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14157.0	3	2012	5	1	0855	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ

14169.6	3	2012	5	9	1020	J3E/L						ASIAN	QG52xi	WIA	VK4TJ
14179.0	3	2012	5	18	0745	J3E/L				PHL		TAGALOG, FAMILY NET	QG52xi	WIA	VK4TJ
14188.1	3	2012	5	18	0745	J3E/U						ASIAN	QG52xi	WIA	VK4TJ
14192.0	1	2012	5	5	2040	F1B	HIGH	250				DAILY, NO DECODES	QG52xi	WIA	VK4TJ
14192		2012	05	DY	<1830-2030>	F1B		200		Unid	?	Non-printable plus idle sigs MIXED NUMBER/LETTER CIPHER	RF72LQ	NZART	ZL1BAD
14199.0		2012	5	24	1000	A1A							QG52xi	WIA	VK4TJ
14205.6	3	2012	5	17	0820	J3E/U						ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14211.0	3	2012	5	21	0935	J3E/L						ASIAN, BAHASA OR TAGALOG, FISHBOATS	QG52xi	WIA	VK4TJ
14217.6	3	2012	5	14	0905	J3E/L						ASIAN, BAHASA OR TAGALOG, FISHBOATS	QG52xi	WIA	VK4TJ
14220		2012	05	19	<1130-1145>	J3E/U				CLN		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14221.0	1	2012	5	15	0245	F1B		200				IDLING	QG52xi	WIA	VK4TJ
14221		2012	05	14	<0200-0210>	J3E/U				CLN		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14225.0	3	2012	5	21	0935	J3E/U						ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14225	30k	2012	05	05	<0155>	P0N				Unid	?	2 Sec Burst every 12 Secs. 42 PPS	RF72LQ	NZART	ZL1BAD
14225	30k	2012	05	18	<2245>	P0N				Unid	?	2 Sec burst every 26 Secs. 42 PPS	RF72LQ	NZART	ZL1BAD
14231		2012	05	13	<0718>	G7DF				Unid	?	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
14231.9		2012	5	22	0920	A1A						4 CHAR MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14232.4	3	2012	5	22	0955	J3E/U						ASIAN	QG52xi	WIA	VK4TJ
14234.7	3	2012	5	14	0910	J3E/U						ASIAN	QG52xi	WIA	VK4TJ
14240.0	8	2012	5	12	1005	A3E						ASIAN SW BROADCAST	QG52xi	WIA	VK4TJ
14240		2012	05	12	<0950>	A3E				Unid	?	Non Amateurs Asian language	RE54HF	NZART	ZL4IV
14250.0	8	2012	5	26	2200-2300	A3E				PHL		DAILY SW BROADCAST	QG52xi	WIA	VK4TJ
14251.0	5	2012	5	8	0800	G7D						IMD	QG52xi	WIA	VK4TJ
14254		2012	05	12	<0722>	G7DF				Unid	?	>50 SUBCARRIERS ON 50 HZ INTERVALS	RF73MF	NZART	ZL1GWE
14258.0	5	2012	5	25	0715	G7D						HF Man Pack S1 8-PSK 4 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
14258.0	3	2012	5	18	0940	J3E/L						ASIAN MUSIC BROADCAST	QG52xi	WIA	VK4TJ
14258	1	2012	05	20	<1215-1225>	J3E/U				UNID		QSO between more than 3 OM but conversation between 2OM was clear-language looks like S.A. Language	NL06	ARSI	
14263.0	3	2012	5	19	0840	J3E/L						ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14265.5	3	2012	5	1	0900	J3E/L						ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14270.0	5	2012	5	26	2330	G7D						>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ

14274		2012	05	06	<2327>	2327	G7DF		45	Unid	?	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
14278		2012	05	26	<2356>	2356	G7DF		330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
14292.0	5	2012	5	26	2340		G7D					>50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14294.0	3	2012	5	26	2000		G7D					RUSSIAN 12 TONE AT3004 (CIS12) PSK	QG52xi	WIA	VK4TJ
14295.0	1	2012	5	19	0845		F1B	350				CONTINUOUS	QG52xi	WIA	VK4TJ
14296.0	8	2012	5	15	0250		A3E					RADIO AUSTRALIA	QG52xi	WIA	VK4TJ
14296	2	2012	05	20	<0955-1003>		A3E			UNID	UNID	Signal Strength was S9 but readability was very poor, unreadable	NL06	ARSI	
14297.0		2012	5	21	0920		A1A					4 CHAR MIXED	QG52xi	WIA	VK4TJ
14300.0	3	2012	5	17	0825		J3E/L					NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14300.0	1	2012	5	1	0900		F1B	HIGH 200				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14303	27	2012	05	27	<0747>	0747	P0N		330	Unid	?	NO DECODES	RF73MF	NZART	ZL1GWE
14307		2012	05	04	<2255>	2255	P0N		330	Unid	?	OTHR 84 pps	RF73MF	NZART	ZL1GWE
14320		2012	05	04	<2255>	2255	P0N		330	Unid	?	OTHR 40 pps S9 6 second bursts	RF73MF	NZART	ZL1GWE
14326.0	3	2012	5	14	0910		J3E/L					OTHR 66 pps S9	RF73MF	NZART	ZL1GWE
14328.0	3	2012	5	17	0825		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14330.4	3	2012	5	1	0900		J3E/L					ASIAN	QG52xi	WIA	VK4TJ
14332.6	3	2012	5	18	0945		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14333.5	3	2012	5	28	0935		J3E/U					DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14335.5	1	2012	5	14	0915		F1B	850				ASIAN	QG52xi	WIA	VK4TJ
14337.0	1	2012	5	1	0900		F1B	850				DAILY	QG52xi	WIA	VK4TJ
14338.7	3	2012	5	15	0845		J3E/L					ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14339.0	1	2012	5	1	0900		F1B	850				DAILY	QG52xi	WIA	VK4TJ
14339.1	3	2012	5	14	0905		J3E/U			INS		BAHASA, FAMILY NET	QG52xi	WIA	VK4TJ
14340.0	3	2012	5	14	0930		J3E/L					ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14340.0	20	2012	5	4	2335		P0N					OTHR, 6 SECOND BURSTS	QG52xi	WIA	VK4TJ
14344.0	3	2012	5	24	0845		G7D					BURSTS, LIKE LINK	QG52xi	WIA	VK4TJ
14345		2012	05	06	<2327>	2327	G7DF		45	Unid	?	ESTABLISHING	RF73MF	NZART	ZL1GWE
14347.0	3	2012	5	19	0850		J3E/U					HF Man Pack 8-PSK S2	QG52xi	WIA	VK4TJ
18090.0	20	2012	5	3	0630		P0N					DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
18172	18	2012	05	06	<0623>	0623	P0N		330	Unid	?	OTHR, CONTINUOUS	RF73MF	NZART	ZL1GWE
20980.0	100	2012	5	13	0930		P0N					OTHR varies 49-51 pps S6 continuous	QG52xi	WIA	VK4TJ
21000.0	8	2012	5	14	0935		A3E					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21001.5	1	2012	5	1	0850		F1B	150				SW BROADCAST IMD	QG52xi	WIA	VK4TJ
21010.0	3	2012	5	14	0050		J3E/U					USUALLY ASSOCIATED WITH ENCRYPTED VOICE	QG52xi	WIA	VK4TJ
21033.0	1	2012	5	19	0820		F1B					BELOW BAND EDGE	QG52xi	WIA	VK4TJ
21045.0	6	2012	5	24	0830		F3E					ASIAN	QG52xi	WIA	VK4TJ
21045.0	30	2012	5	13	2305		VXX					PICCOLO	QG52xi	WIA	VK4TJ
												ASIAN	QG52xi	WIA	VK4TJ
												CODAR, VERY RAPID	QG52xi	WIA	VK4TJ
												SWEEPS, 30 KHZ	QG52xi	WIA	VK4TJ

21045		2012	05	26	<0312>	0312	G7DF		330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21050.0	20	2012	5	4	0635		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
												8 PAIRS OF PSK'D			
												CARRIERS SPACED 300			
21055.0	5	2012	5	30	0820		G7D					HZ	QG52xi	WIA	VK4TJ
21055.0	20	2012	5	5	0150		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
												MIXED NUMBER/LETTER			
21057.0		2012	5	17	0910		A1A				4FOO	CIPHER	QG52xi	WIA	VK4TJ
21065.0	3	2012	5	6	0905		J3E/L					ASIAN	QG52xi	WIA	VK4TJ
21080		2012	05	26	<0312>	0312	G7DF		330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21086		2012	05	26	<0311>	0311	G7DF		330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21087.0	3	2012	5	4	0900		J3E/L					ASIAN	QG52xi	WIA	VK4TJ
21092		2012	05	20	<0615>	0615	G7DF		330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21095.0	20	2012	5	14	0050		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
21100.0	20	2012	5	5	0145		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
21105.2	3	2012	5	9	1015		J3E/L					ASIAN	QG52xi	WIA	VK4TJ
21110.0	20	2012	5	17	0755		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
21111.0	3	2012	5	9	1015		J3E/L					ASIAN	QG52xi	WIA	VK4TJ
21114		2012	05	20	<0610>	0610	G7DF		330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21116		2012	05	20	<0618>	0618	G7DF		330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21118.0	1	2012	5	2	0945		F1B	FAST	250			BURSTS	QG52xi	WIA	VK4TJ
21134.0	1	2012	5	15	0425		F1B		500			ALSO BURSTS OF PSK	QG52xi	WIA	VK4TJ
21140.0	20	2012	5	5	0150		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
21150	20	2012	05	04	<0540>	0540	P0N			Unid	?	OTHR Continuous S2	RF73IJ	NZART	ZL1TPH
						0700-									
21150	20	2012	05	13	<0700>	0714	P0N		330	Unid	?	OTHR S5 50 pps	RF73MF	NZART	ZL1GWE
						0619-									
21160	20	2012	05	12	<0619>	0619	P0N			Unid	?	OTHR 25 pps S4	RF73MF	NZART	ZL1GWE
21206		2012	05	20	<0610>	0610	G7DF		330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
												CODAR, VERY RAPID			
21210.0	30	2012	5	5	0145		VXX					SWEEPS, 30 KHZ	QG52xi	WIA	VK4TJ
												CODAR, VERY RAPID			
21220.0	30	2012	5	15	0045		VXX					SWEEPS, 30 KHZ	QG52xi	WIA	VK4TJ
21235	19	2012	05	08	<0135>	0135	VXX			Unid	?	CODAR	RF73IJ	NZART	ZL1TPH
21236		2012	05	26	<0309>	0309	G7DF		330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
						2344-						CODAR 4 PPS S3 18			
21239.5	19	2012	05	06	<2344>	2354	VXX		45	Unid	?	second bursts	RF73MF	NZART	ZL1GWE
												OTHR S9 short bursts 3			
21241.5	13	2012	05	20	<0335>	0335	P0N			Unid	?	seconds 30 second breaks	RF73IJ	NZART	ZL1TPH
												CODAR 1.8 pps 19 second			
21242	20	2012	05	13	<0652>	0652	VXX			Unid	?	bursts S5	RF73MF	NZART	ZL1GWE
21260.0	20	2012	5	12	0510		P0N					OTHR	QG52xi	WIA	VK4TJ
						2355-									
21260.5	11	2012	05	17	<2355>	0022	P0N			Unid	?	OTHR short bursts S5	RF73IJ	NZART	ZL1TPH
												OTHR S9 via WebSDR			
21262.5	7	2012	05	12	<0944>	0944	P0N			Unid	?	VK2DAY	WebSDR	NZART	VR2BG/P
21262.5	7	2012	05	12	<0944.	0944	P0N			Unid	?	OTHR S7	RF73IJ	NZART	ZL1TPH
												OTHR 3 short second bursts			
21270	10	2012	05	04	<0230>	0230	P0N			Unid	?	and 23 second breaks	RF73IJ	NZART	ZL1TPH

21270	20	2012	05	27	<0552>	0552	P0N	330	Unid	?	OTHR 25 pps S4 constant	RF73MF	NZART	ZL1GWE
21300.0	6	2012	5	14	0945		A3E				ASIAN	QG52xi	WIA	VK4TJ
21300.0	20	2012	5	12	0310		P0N				OTHR	QG52xi	WIA	VK4TJ
21300		2012	05	08	<0454>	0454	P0N		Unid	?	OTHR 49 pps S9 + 10db	RE68XL	NZART	ZL2TZE
21300		2012	05	13	<0918>	0918	P0N		Unid	?	OTHR short bursts	RF73IJ	NZART	ZL1TPH
21302	12	2012	05	12	<0806>	0806	P0N		Unid	?	OTHR S9 5-6 second bursts			
21305.0	5	2012	5	19	0825		G7D				30 second breaks	RF73IJ	NZART	ZL1TPH
											VERY WIDE PSK	QG52xi	WIA	VK4TJ
21305	10	2012	05	04	<0533>	0533	P0N		Unid	?	OTHR continuous suspected			
21310.0	20	2012	5	4	0635		P0N				ZC4 via WebSDR VK2	WebSDR	NZART	VR2BG/P
						0440-					OTHR	QG52xi	WIA	VK4TJ
21311	163	2012	05	26	<0440>	0520	P0N	330	Unid	?	OTHR 66pps S9	RF73MF	NZART	ZL1GWE
21315.0	20	2012	5	26	0510		P0N				OTHR	QG52xi	WIA	VK4TJ
21315		2012	05	26	<0309>	0309	G7DF	330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21318.0	1	2012	5	4	0910		F1B	600			DAILY, BURSTS	QG52xi	WIA	VK4TJ
21330	20	2012	05	12	<0620>	0620-	P0N		Unid	?	OTHR 25 pps S5 constant	RF73MF	NZART	ZL1GWE
						2221-								
21331.5	17	2012	05	16	<2221>	2238	P0N		Unid	?	OTHR S9 bursts	RF73IJ	NZART	ZL1TPH
21332		2012	05	26	<0309>	0309	G7DF	330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21344	18	2012	05	26	<2318>	2318	P0N	330	Unid	?	OTHR 46 pps S7 2.5 second	RF73MF	NZART	ZL1GWE
21346		2012	05	26	<0309>	0309	G7DF	330	Unid	?	and 18 second gaps	RF73MF	NZART	ZL1GWE
21346.5	27	2012	05	27	<0640>	0640	P0N	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
21350.0	20	2012	5	4	0910		P0N				OTHR 47 pps S3 8-PSK	RF73MF	NZART	ZL1GWE
21376		2012	05	26	<0311>	0311	G7DF	330	Unid	?	OTHR	QG52xi	WIA	VK4TJ
21380.0	20	2012	5	13	0340		P0N				HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
											OTHR	QG52xi	WIA	VK4TJ
21380	10	2012	05	04	<0111>	0111	P0N		Unid	?	OTHR via WebSDR UA0,			
											VK2 and VK1	WebSDR	NZART	VR2BG/P
21380.5	13	2012	05	06	<0647>	0647--650	P0N	330	Unid	?	OTHR 46 pps S7 2.5 second	RF73MF	NZART	ZL1GWE
21386		2012	05	20	<0613>	0613	G7DF	330	Unid	?	and 18 second gaps	RF73MF	NZART	ZL1GWE
21388		2012	05	26	<2325>	2325	G7DF	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
21390.0	20	2012	5	17	0800		P0N				HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
21395.0	20	2012	5	24	0825		P0N				OTHR	QG52xi	WIA	VK4TJ
21396		2012	05	20	<0613>	0613	G7DF	330	Unid	?	OTHR	QG52xi	WIA	VK4TJ
21397		2012	05	26	<2321>	2321	G7DF	330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21402		2012	05	20	<0620>	0620	G7DF	330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
						2316-								
21403	22	2012	05	12	<2316>	0016	P0N		Unid	?	OTHR	RF73IJ	NZART	ZL1TPH
21405.0	20	2012	5	11	2340		P0N				OTHR	QG52xi	WIA	VK4TJ
21410	10	2012	05	13	<0641>	0641	P0N		Unid	?	OTHR Bursts S9+40db	WebSDR	NZART	VR2BG/P
21420	10	2012	05	05	<0755>	0755	P0N		Unid	?	OTHR 66pps	WebSDR	NZART	VR2BG/P
21421	12	2012	05	08	<0820>	0820	P0N		Unid	?	OTHR S9+	RF73IJ	NZART	ZL1TPH
21421		2012	05	26	<2321>	2321	G7DF		Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21424.5	11	2012	05	13	<0641>	0641	P0N		Unid	?	OTHR S7 41-42 pps 3	RF73MF	NZART	ZL1GWE

										second bursts				
21425.0	20	2012	5	26	0505	P0N	330	Unid	?	OTHR	QG52xi	WIA	VK4TJ	
21428.5	11	2012	05	26	<0440>	0440				OTHR 67 pps S9	RF73MF	NZART	ZL1GWE	
21430.0	20	2012	5	13	0655	P0N				OTHR	QG52xi	WIA	VK4TJ	
21434		2012	05	26	<0309>	0309	G7DF	330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21435.0	20	2012	5	26	0645	P0N					OTHR	QG52xi	WIA	VK4TJ
21438.0		2012	5	2	0950	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
21438		2012	05	13	<0623>	0623	G7DF	330	Unid	?	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE
21441		2012	05	20	<0610>	0610	G7DF	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
21444.2	3	2012	5	19	0825	J3E/L					ASIAN, DISTORTED, FAMILY NET	QG52xi	WIA	VK4TJ
24860.0	100	2012	5	3	0840	P0N					OTHR	QG52xi	WIA	VK4TJ
24895.0	8	2012	5	30	0825	A3E					ASIAN SW BROADCAST	QG52xi	WIA	VK4TJ
24900.0	20	2012	5	12	0500	P0N					OTHR	QG52xi	WIA	VK4TJ
24900.0	6	2012	5	12	0500	A3E					ASIAN	QG52xi	WIA	VK4TJ
24902.5	6	2012	5	19	2325	A3E					ASIAN	QG52xi	WIA	VK4TJ
24905.0	6	2012	5	10	0905	A3E					ASIAN	QG52xi	WIA	VK4TJ
24905.0	6	2012	5	11	2340	VXX					FAST SWEEP	QG52xi	WIA	VK4TJ
24912.5	6	2012	5	18	0730	A3E					ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2012	5	11	2335	A3E					ASIAN	QG52xi	WIA	VK4TJ
24925.0	6	2012	5	4	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2012	5	5	0145	A3E					ASIAN	QG52xi	WIA	VK4TJ
24950.0	20	2012	5	10	0905	P0N					OTHR	QG52xi	WIA	VK4TJ
24955.0	6	2012	5	13	0910	A3E					ASIAN	QG52xi	WIA	VK4TJ
24962.5	6	2012	5	11	0850	A3E					ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2012	5	11	0850	A3E					ASIAN	QG52xi	WIA	VK4TJ
24975.0	20	2012	5	11	0850	P0N					OTHR	QG52xi	WIA	VK4TJ
24975.0	6	2012	5	12	0500	A3E					ASIAN	QG52xi	WIA	VK4TJ
24987.5	6	2012	5	1	0845	A3E					ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2012	5	1	0845	F3E					ASIAN	QG52xi	WIA	VK4TJ
28002.8		2012	5	25	2305	A1A				FA9	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2012	5	1	0845	A3E					ASIAN	QG52xi	WIA	VK4TJ
28010		2012	05	13	<0455>	0455	G7DF	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
28012.5	6	2012	5	18	0720	A3E					ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2012	5	1	0845	A3E					ASIAN	QG52xi	WIA	VK4TJ
28025.0	6	2012	5	1	0845	A3E					ASIAN	QG52xi	WIA	VK4TJ
28028.0		2012	5	13	0345	A1A				5ABJ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28035.0	6	2012	5	3	0835	A3E					ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2012	5	6	0900	A3E					ASIAN	QG52xi	WIA	VK4TJ
28040.0		2012	5	5	0720	A1A				4NAY	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28050.0	6	2012	5	2	0930	A3E					ASIAN	QG52xi	WIA	VK4TJ
28052.6		2012	5	25	2300	A1A				QHJ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28052.8		2012	5	12	2340	A1A				4LDO	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28055.0	6	2012	5	1	0845	A3E					ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2012	5	5	0200	A3E					ASIAN	QG52xi	WIA	VK4TJ

28065.0	6	2012	5	1	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28070		2012	05	13	<0513>	0513	G7DF	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
28075.0	6	2012	5	11	2330		A3E				ASIAN	QG52xi	WIA	VK4TJ
28080.0	6	2012	5	5	0135		A3E				ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2012	5	1	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2012	5	14	0125		A3E				ASIAN	QG52xi	WIA	VK4TJ
28095.0	6	2012	5	3	0835		A3E				ASIAN	QG52xi	WIA	VK4TJ
28096		2012	05	13	<0456>	0456	G7DF	330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
28100.0	6	2012	5	5	0200		A3E				ASIAN	QG52xi	WIA	VK4TJ
28102		2012	05	13	<0457>	0457	A3E	330	Unid	?	Non Amateurs S1	RF73MF	NZART	ZL1GWE
28105.0	6	2012	5	5	0135		A3E				ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2012	5	1	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2012	5	5	0715		A3E				ASIAN	QG52xi	WIA	VK4TJ
28125.0	6	2012	5	1	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2012	5	3	0835		A3E				ASIAN	QG52xi	WIA	VK4TJ
28140.0	6	2012	5	18	0650		A3E				ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2012	5	1	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28150.0	6	2012	5	1	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28152		2012	05	13	<0452>	0452	G7DF	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
28155.0	6	2012	5	5	0710		A3E				ASIAN	QG52xi	WIA	VK4TJ
28160.0	6	2012	5	26	0350		A3E				ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2012	5	17	0750		A3E				ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2012	5	5	0710		A3E				ASIAN	QG52xi	WIA	VK4TJ
28171		2012	05	13	<0457>	0457	G7DF	330	Unid	?	HF Man Pack S2 8-PSK	RF73MF	NZART	ZL1GWE
28175.0	6	2012	5	1	0840		F3E				ASIAN	QG52xi	WIA	VK4TJ
28177		2012	05	13	<0519>	0519	G7DF	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
28180.0	6	2012	5	26	0350		A3E				ASIAN	QG52xi	WIA	VK4TJ
28185.0	6	2012	5	5	0135		F3E				ASIAN	QG52xi	WIA	VK4TJ
28186		2012	05	13	<0455>	0455	F3E	330	Unid	?	Non Amateur Asian S2	RF73MF	NZART	ZL1GWE
28187.5	6	2012	5	5	0710		F3E				ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2012	5	1	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
28200.0	6	2012	5	1	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
28202.7		2012	5	18	0650		A1A			MQ1	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28205.0	6	2012	5	5	0135		A3E				ASIAN	QG52xi	WIA	VK4TJ
28210.0	6	2012	5	11	2330		A3E				ASIAN	QG52xi	WIA	VK4TJ
28212.5	6	2012	5	1	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2012	5	5	0710		A3E				ASIAN	QG52xi	WIA	VK4TJ
28225.0	6	2012	5	3	0835		A3E				ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2012	5	3	0835		A3E				ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2012	5	1	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
28250.0	6	2012	5	11	0845		A3E				ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2012	5	1	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
28262.5	6	2012	5	5	0135		A3E				ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2012	5	5	0135		A3E				ASIAN	QG52xi	WIA	VK4TJ
28275.0	6	2012	5	3	0830		A3E				ASIAN	QG52xi	WIA	VK4TJ

28280.0	6	2012	5	5	0135	A3E					ASIAN	QG52xi	WIA	VK4TJ
28280		2012	05	13	<0517>	G7DF	0517	330	Unid	?	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
28285.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2012	5	5	0710	A3E					ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28300		2012	05	13	<0513>	A3E	0513	330	Unid	?	Non Amateur S3 8-PSK	RF73MF	NZART	ZL1GWE
28305.0	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28310		2012	05	13	<0448>	A3E	0448	330	Unid	?	Non Amateur S2	RF73MF	NZART	ZL1GWE
28315.0	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28325.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28332.5	6	2012	5	14	0115	A3E					ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2012	5	5	0130	A3E					ASIAN	QG52xi	WIA	VK4TJ
28350.0	6	2012	5	5	0130	A3E					ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2012	5	5	0130	A3E					ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28375.0	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28383		2012	05	13	<0450>	A3E	0450	330	Unid	?	Non Amateur S1	RF73MF	NZART	ZL1GWE
28385.0	6	2012	5	11	2325	A3E					ASIAN	QG52xi	WIA	VK4TJ
28395.0	6	2012	5	6	0855	A3E					ASIAN	QG52xi	WIA	VK4TJ
28400.0	6	2012	5	4	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2012	5	5	0705	A3E					ASIAN	QG52xi	WIA	VK4TJ
28425.0	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2012	5	6	0855	A3E					ASIAN	QG52xi	WIA	VK4TJ
28437.5	6	2012	5	18	0710	A3E					ASIAN	QG52xi	WIA	VK4TJ
28445.0	6	2012	5	26	0325	A3E					ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28453.0		2012	5	24	0750	A1A				IJ3	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28455.0	6	2012	5	11	2325	A3E					ASIAN	QG52xi	WIA	VK4TJ
28462.5	6	2012	5	1	0840	A3E					ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28475.0	6	2012	5	2	0930	A3E					ASIAN	QG52xi	WIA	VK4TJ
28480.0	6	2012	5	24	0750	A3E					ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2012	5	5	0705	A3E					ASIAN	QG52xi	WIA	VK4TJ
28500.0	6	2012	5	12	0210	A3E					ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2012	5	1	0835	A3E					ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2012	5	1	0835	A3E					ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2012	5	5	0130	A3E					ASIAN	QG52xi	WIA	VK4TJ
28520.0	6	2012	5	5	0705	A3E					ASIAN	QG52xi	WIA	VK4TJ
28525.0	6	2012	5	5	0130	A3E					ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2012	5	3	0830	A3E					ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2012	5	11	2325	A3E					ASIAN	QG52xi	WIA	VK4TJ

28550.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2012	5	3	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28560.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28562.5	6	2012	5	6	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28575.0	6	2012	5	5	0130	A3E	ASIAN	QG52xi	WIA	VK4TJ
28580.0	6	2012	5	5	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28592.5	6	2012	5	17	0745	A3E	ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2012	5	12	0210	A3E	ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2012	5	5	0130	A3E	ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28612.5	6	2012	5	11	2325	A3E	ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28637.5	6	2012	5	18	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2012	5	18	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28657.5	6	2012	5	14	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
28662.5	6	2012	5	18	0705	A3E	ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28675.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28680.0	6	2012	5	3	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2012	5	3	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28705.0	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2012	5	6	0855	A3E	ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28725.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2012	5	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
28740.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	6	2012	5	11	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28760.0	6	2012	5	11	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2012	5	14	0110	A3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2012	5	3	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
28770.0	6	2012	5	19	0805	A3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28780.0	6	2012	5	11	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ

28795.0	6	2012	5	17	0745	A3E	ASIAN	QG52xi	WIA	VK4TJ
28800.0	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28805.0	6	2012	5	17	0745	A3E	ASIAN	QG52xi	WIA	VK4TJ
28812.5	6	2012	5	18	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28820.0	6	2012	5	18	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28825.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28830.0	6	2012	5	11	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28835.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28837.5	6	2012	5	12	0440	A3E	ASIAN	QG52xi	WIA	VK4TJ
28845.0	6	2012	5	24	0745	A3E	ASIAN	QG52xi	WIA	VK4TJ
28850.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	6	2012	5	6	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
28875.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28880.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28887.5	6	2012	5	13	0220	A3E	ASIAN	QG52xi	WIA	VK4TJ
28892.5	6	2012	5	26	0320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28900.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28915.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28920.0	6	2012	5	5	0700	F3E	ASIAN	QG52xi	WIA	VK4TJ
28925.0	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2012	5	11	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28960.0	6	2012	5	5	0700	A3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2012	5	6	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
28980.0	6	2012	5	14	0340	A3E	ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	6	2012	5	1	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
29000.0	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
29005.0	6	2012	5	6	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
29010.0	6	2012	5	14	0340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29020.0	6	2012	5	5	0125	F3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29037.5	6	2012	5	12	0440	A3E	ASIAN	QG52xi	WIA	VK4TJ
29040.0	6	2012	5	20	0905	A3E	ASIAN	QG52xi	WIA	VK4TJ
29045.0	6	2012	5	5	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29055.0	6	2012	5	11	2320	A3E	ASIAN	QG52xi	WIA	VK4TJ
29062.5	6	2012	5	5	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29075.0	6	2012	5	6	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
29080.0	6	2012	5	20	0905	A3E	ASIAN	QG52xi	WIA	VK4TJ

29085.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29087.5	6	2012	5	24	0745	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	6	2012	5	5	0655	F3E	ASIAN MUSIC BROADCAST	QG52xi	WIA	VK4TJ
29112.5	6	2012	5	13	0130	F3E	ASIAN	QG52xi	WIA	VK4TJ
29120.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29125.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29137.5	6	2012	5	5	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29140.0	6	2012	5	3	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29150.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29160.0	30	2012	5	1	0825	P0N	OTHR	QG52xi	WIA	VK4TJ
29160.0	6	2012	5	12	0435	A3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2012	5	5	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29165.0	6	2012	5	5	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29180.0	6	2012	5	3	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2012	5	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29190.0	8	2012	5	5	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2012	5	5	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29212.5	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29220.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2012	5	13	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29260.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	6	2012	5	13	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29265.0	6	2012	5	14	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	6	2012	5	3	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29287.5	6	2012	5	14	0340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29290.0	6	2012	5	19	0800	A3E	ASIAN	QG52xi	WIA	VK4TJ
29295.0	6	2012	5	6	0845	A3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2012	5	5	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29315.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	6	2012	5	2	0925	A3E	ASIAN	QG52xi	WIA	VK4TJ
29337.5	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2012	5	5	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2012	5	5	0740	A3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	6	2012	5	2	0925	A3E	ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2012	5	11	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2012	5	5	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2012	5	5	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ

29437.5	6	2012	5	5	0155	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2012	5	11	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	6	2012	5	13	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2012	5	13	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29500.0	6	2012	5	5	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29512.5	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2012	5	19	0755	A3E	ASIAN	QG52xi	WIA	VK4TJ
29525.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2012	5	5	0730	A3E	ASIAN	QG52xi	WIA	VK4TJ
29562.5	6	2012	5	5	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2012	5	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2012	5	1	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2012	5	11	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29625.0	6	2012	5	5	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29637.5	6	2012	5	13	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
29645.0	6	2012	5	19	0755	A3E	ASIAN	QG52xi	WIA	VK4TJ
29650.0	6	2012	5	1	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ
29655.0	6	2012	5	19	0750	A3E	ASIAN	QG52xi	WIA	VK4TJ
29662.5	6	2012	5	5	0150	A3E	ASIAN	QG52xi	WIA	VK4TJ
29675.0	6	2012	5	1	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ
29684.5	1	2012	5	14	0100	F1B	ASIAN	QG52xi	WIA	VK4TJ
29687.5	6	2012	5	1	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ
29695.0	6	2012	5	17	0735	A3E	ASIAN	QG52xi	WIA	VK4TJ
29700.0	6	2012	5	1	0815	A3E	ASIAN	QG52xi	WIA	VK4TJ