



# INTERNATIONAL AMATEUR RADIO UNION

## REGION THREE

### MONITORING SYSTEM REPORT



April 2011

Peter Young VK3MV

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Reports for March have been received from ARSI, JARL, NZART, and the WIA.

This month there were 1625 observations made, which contrasts with 1374 last month. Last month I reported the 40 Meter SOHR operating in the lower cw/digital segment to the Australian regulatory (ACMA). The ACMA has advised that the source was in a southeast Asian country and that the Administration responsible has been notified requesting its removal. The ACMA would like further reports.

A report of a digital switch spurious on 7150kHz from Radio Australia has been reported and followed up by the ACMA.

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

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

Peter – VK3MV

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes	
1800.0		2011	4	4	1030		A1A						2AFLM	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
1800.9		2011	4	1	0800		A1A						3YRZ	DRIFTNET BEACON	QG52xi	WIA	
1802.7		2011	4	8	1000		A1A						4BHI	DRIFTNET BEACON	QG52xi	WIA	
1803.8		2011	4	8	1000		A1A						2AFMN	DRIFTNET BEACON	QG52xi	WIA	
1805.0		2011	4	12	1020		A1A						4Z6	DRIFTNET BEACON	QG52xi	WIA	
1812.0		2011	4	18	1020		A1A						2AFOP	DRIFTNET BEACON	QG52xi	WIA	
1851.0		2011	4	4	1015		A1A						LV9	DRIFTNET BEACON	QG52xi	WIA	
1853.0		2011	4	4	1015		A1A						ZY6	DRIFTNET BEACON	QG52xi	WIA	
2053.5		2011	04	02	<0540>	0540	A3E			300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE	
3579.0		2011	4	14	2005		F1B	75	200				CONTINUOUS	QG52xi	WIA		
3584.0	3	2011	4	1	1920		J1C							QG52xi	WIA		
3601.00	3	2011	04	24		21:26							Japanese music with no call		JARL		
3602.00	3	2011	04	27		21:51							Japanese music with no call		JARL		
3623.0	3	2011	4	1	1910		J1C							QG52xi	WIA		
6900.0	300	2011	4	1	1825		P0N						CONSTANT. SPILLS OVER INTO AMATEUR ALLOCATION	QG52xi	WIA		
7000.0	3	2011	4	1	0745		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA		
7000		2011	04	DY	<0400>	0400-2000	J3E/L				?	Unid	NON-AMATEURS	RF72LQ	NZART	ZL1BAD	
7000		2011	04	22	<0622>	0622	J3E/U				IND	Unid	Non Amateurs S1 OUT OF BAND OTHR, 45 PPS, SPILL OVER TO 7010	RF73MF	NZART	ZL1GWE	
7000	10	2011	04	DY	<1700>	1700-2335	P0N				CHN	Unid	Non Amateurs S3 Saying OK repeated	RF72LQ	NZART	ZL1BAD	
7000.3		2011	04	15	<0830>	0830-0835	J3E/L				IND	Unid	Beacon	RF73MF	NZART	ZL1GWE	
7003	0.5	2011	04	07	1608		A1A			non	non	V--signal	Beacon		JARL	non	
7003	0.5	2011	04	08	1708		A1A			non	non	V--signal	Beacon		JARL	non	
7005.0	3	2011	4	21	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA		
7005.0	3	2011	4	10	1020		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA		
7007		2011	04	15	<0830>	0830-0835	J3E/L				IND	Unid	Non-Amateurs S3 chatting	RF73MF	NZART	ZL1GWE	
7010.0	3	2011	4	11	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA		
7010.0	3	2011	4	26	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA		
7011.0	3	2011	4	13	2040		J3E/U				INS		ASIAN	QG52xi	WIA		
7013.9	3	2011	4	21	0925		J3E/L				INS			QG52xi	WIA		
7014		201	04	07	<1056>	1056-1147	A1A				NZL	ZK5A	Pirate Bill Tokelau Atafu Island 599 70 watts GP - not legitimate	QF2IT	NZART	VK3HJ	
7015.0	3	2011	4	20	0955		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA		

7017	34	2011	04	28	1608	P0N	non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?	JARL	non	
7017	34	2011	04	29	1706	P0N	non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?	JARL	non	
7017	34	2011	04	29	1806	P0N	non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?	JARL	non	
7020	3	2011	04	29	1606	F1B	non	non	non	now on air	JARL	non	
7023	34	2011	04	13	0818	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	JARL	non	
7023	34	2011	04	13	1228	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	JARL	non	
7023	34	2011	04	18	1608	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	JARL	non	
7023	34	2011	04	19	1808	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	JARL	non	
7025.0	3	2011	4	19	0950	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7025.0	3	2011	4	18	1005	J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7028	5	2011	04	05	1808	JM	non	non	non	white noise	JARL	non	
7030	0.5	2011	04	02	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7038.7		2011	4	1	1825	A1A		RU	D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.7		2011	04	15	<0446>	0446-0500	A1A		RUS	D	Odessa UKR Navy Black Sea Fleet	RF73MF	NZART ZL1GWE
7038.7		2011	04	24	<0356>	0356	A1A		RUS	D	Odessa UKR Navy Black Sea Fleet RST 419	RF73MF	NZART ZL1GWE
7038.78	0.5	2011	04	24		21:34				train of " F "		JARL	
7038.8		2011	04	13	<0040-0120>		A1A		RUS	C,D	SINGLE LETTER BEACONS FROM RUSSIA	MK82	ARSI
7038.81	0.5	2011	04	24		21:35				train of " K "		JARL	
7038.9		2011	4	9	1825		A1A		RU	S	DAILY, HARBOUR BEACON	QG52xi	WIA
7038.95	0.5	2011	04	24		21:36				train of " M "		JARL	
7039.0		2011	4	1	1825		A1A		RU	C	DAILY, HARBOUR BEACON	QG52xi	WIA
7039		2011	04	24	<0402>	0402	A1A		RUS	C	Moscow - Beacon C callsign RIW RST 419	RF73MF	NZART ZL1GWE
7039		2011	04	24	<1815>	1815	A1A		RUS	K	Petropavlovsk - Beacon K callsign RCC	RF80HL	NZART ZL2iFB
7039		2011	04	24	<1815>	1815	A1A		RUS	D	Odessa UKR Navy Black Sea Fleet	RF80HL	NZART ZL2iFB

7039		2011	04	24	<1815>	1815	A1A		RUS	F	Vladivostok - Beacon F callsign RJS	RF80HL	NZART	ZL2iFB
7039		2011	04	24	<1815>	1815	A1A		RUS	C	Moscow - Beacon C callsign RIW RST 419	RF80HL	NZART	ZL2iFB
7039		2011	04	DY	<0400>	0400- 2000	A1A		RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD
7039		2011	04	DY	<0400>	0400- 2000	A1A		RUS	F	Vladivostok - Beacon F callsign RJS	RF72LQ	NZART	ZL1BAD
7039		2011	04	DY	<0400>	0400- 2000	A1A		RUS	P	Kaliningrad - Beacon P callsign RMP	RF72LQ	NZART	ZL1BAD
7039.0		2011	04	DY	<0400>	0400- 2000	A1A		RUS	C	Moscow - Beacon C callsign RIW	RF72LQ	NZART	ZL1BAD
7039	0.5	2011	04	01	0030	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	04	01	0032		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	0116		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	0118		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	0226		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	0228		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	0344		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	0346		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	0934		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	0936		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	0938		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	01	1024		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	01	1026		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	1028		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	1236		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	01	1334		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	1606		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	01	1702		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	1704		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	01	1706		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	1802		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	1804		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	01	2216		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	01	2218		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	02	0020		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	02	0340		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	02	0344		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	02	0814		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	02	0816		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	02	1042		A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039	0.5	2011	04	02	1044	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	02	1048	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	02	1302	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	02	1304	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	02	1306	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	02	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	02	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	02	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	02	1704	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	04	02	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	02	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	02	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	02	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	02	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	02	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	0130	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	0134	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	0910	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	0912	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	1032	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	03	1036	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	1242	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	03	1244	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	03	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	1606	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	03	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	1804	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	03	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	03	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	03	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	04	0130	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	04	0910	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	04	0912	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	04	1114	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	04	04	1116	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	04	04	1120	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs		
7039	0.5	2011	04	04	1248	A1A	321	RUS	F--signal	Beacon	JARL	Magadan		

7039	0.5	2011	04	04	1250	A1A	15	RUS	M--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	04	1252	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	04	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	04	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	04	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	04	1702	H24 A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	04	04	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	04	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	04	1802	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	04	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	04	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	04	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	04	2218	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	0914	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	0916	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	1038	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	05	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	1248	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	05	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	05	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	1612	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	1704	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	05	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	05	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	05	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	05	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	06	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	06	0912	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	06	0914	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	06	1124	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	06	1126	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	06	1130	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	06	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	06	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	06	1246	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs

7039	0.5	2011	04	06	1736		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	06	1738	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	04	06	1810		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	06	1814		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	06	2210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	0104		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	0810		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	07	0812		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	1034		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	07	1036		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	1040		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	07	1246		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	07	1248		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	1250		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	07	1602		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	07	1604		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	07	1606		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	1702		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	07	1704		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	1706		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	07	1802		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	07	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	07	1806		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	07	2208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	0140		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	0818		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	0820		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	08	1024		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	1026		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	08	1032		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	08	1238		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	1240		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	08	1246		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	08	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	08	1608		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	08	1702		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	1704		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	08	1706		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2011	04	08	1802		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	04	08	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	04	08	1806	H24	A1A	314	RUS	K--signal	Beacon	PM97	JARL	Petropavlovs

7039	0.5	2011	04	08	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	09	1020	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	1022	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	09	1028	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	09	1246	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	1248	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	09	1252	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	09	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	09	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	09	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	09	1710	A1A	321	RUS	F--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	09	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	09	1804	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	09	1810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	09	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	0120	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	10	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	1024	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	10	1026	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	1030	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	10	1218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	10	1220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	1224	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	10	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	10	1606	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	10	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	10	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	10	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	10	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	10	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	10	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	0110	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan



7039	0.5	2011	04	11	1010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	1012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	1216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	1218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	1224	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	11	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	11	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	1704	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	11	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	11	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	11	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	11	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	0234	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	0906	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	12	0908	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	1026	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	12	1028	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	1040	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	12	1206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	12	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	12	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	12	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	12	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	1704	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	12	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	12	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	12	1804	H24	314	RUS	K--signal	Beacon	PM97	Petropavlovs
7039	0.5	2011	04	12	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	12	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	0050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	0814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	0816	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	13	1010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	13	1012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	1014	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	13	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	04	13	1226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	13	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	1606	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	13	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	13	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	13	1802	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	13	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	13	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	0140	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	0910	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	14	0912	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	1026	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	14	1028	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	14	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	1220	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	14	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	14	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	14	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	14	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	14	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	14	1804	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	14	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	14	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	0146	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	15	1024	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	1026	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	15	1036	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	15	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	15	1214	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	15	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	04	15	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	04	15	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	04	15	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	04	15	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	15	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	15	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	15	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	15	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	0130	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	16	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	1012	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	16	1014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	1018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	16	1206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	16	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	16	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	16	1604	A1A	321	RUS	F--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	16	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	1802	H24 A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	04	16	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	16	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	16	2228	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	0932	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	0934	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	17	0938	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	17	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	17	1044	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	17	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	17	1236	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	17	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	17	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	17	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	17	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	17	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	1804	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	17	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	17	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	17	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	04	18	0142	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	0144	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	1050	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	18	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	1236	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	18	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	18	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	1706	H24	A1A	314	RUS	K--signal	PM97	JARL	Petropavlovs
7039	0.5	2011	04	18	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	18	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	18	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	18	2220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	0828	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	0830	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	19	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	1044	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	19	1050	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	19	1212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	19	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	19	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	19	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	19	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	19	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	19	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	19	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	19	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	19	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	0230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	0910	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	0912	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	04	20	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	20	1212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	20	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	20	1702	H24 A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	04	20	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	20	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	20	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	20	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	21	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	21	1244	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	1246	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	21	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	21	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	21	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	21	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	21	2220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	0832	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	0834	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	22	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	22	1044	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	22	1208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	22	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	22	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	22	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	22	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	1704	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	04	22	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	22	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	22	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	04	22	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	22	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	23	1010	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	1012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	23	1206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	23	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	23	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	23	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	23	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	23	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	23	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	23	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	23	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	23	2220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	0106	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	0816	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	0818	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	24	1044	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	1046	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	24	1052	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	24	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	24	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	24	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	24	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	24	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	1704	H24	A1A	15	RUS	M--signal	PM97	JARL	Magadan
7039	0.5	2011	04	24	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	24	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	24	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	24	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	24	2220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	0826	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	0828	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	04	25	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	1044	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	25	1050	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	25	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	1226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	25	1228	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	25	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	25	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	25	1608	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	25	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	25	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	25	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	25	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	25	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	26	1044	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	1046	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	26	1052	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	26	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	26	1244	H24	A1A	314	RUS	K--signal	Beacon	PM97	Petropavlovs
7039	0.5	2011	04	26	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	26	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	26	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	26	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	26	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	26	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	26	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	26	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	0824	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	0826	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	27	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	27	1034	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	27	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	

7039	0.5	2011	04	27	1226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	27	1228	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	27	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	27	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	27	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	27	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	27	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	27	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	27	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	27	2220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	0134	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	0818	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	0820	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	28	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	1042	H24	A1A	15	RUS	M--signal	PM97	JARL	Magadan
7039	0.5	2011	04	28	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	28	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	28	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	28	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	28	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	28	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	28	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	28	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2011	04	28	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	0826	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	0828	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	29	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	1044	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	29	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	29	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	29	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	29	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	29	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	



7039	0.5	2011	04	29	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	0104	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	30	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	30	1216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	1218	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	30	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	1604	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	04	30	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	30	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	04	30	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	04	30	2214	H24 A1A	321	CHN	F--signal	Beacon	PM97	JARL	Vladivostok
7039.02	0.5	2011	04	16	22:55					train of " F "	JARL		
7039.03	0.5	2011	04	16	22:57					train of " K "	JARL		
7039.07	0.5	2011	04	27	21:58					train of " F "	JARL		
7039.07	0.5	2011	04	27	21:58					train of " K "	JARL		
7039.07	0.5	2011	04	27	21:58					train of " M "	JARL		
7039.09	0.5	2011	04	16	22:56					train of " M "	JARL		
7039.2		2011	4	1	1825	A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	4	1	1825	A1A		RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	04	DY	<0400>	0400-2000 A1A		RUS	K	Petropavlovsk - Beacon K callsign RCC DAILY, HARBOUR BEACON	RF72LQ	NZART	ZL1BAD
7039.4		2011	4	1	1825	A1A		RU	M	BEACON	QG52xi	WIA	
7039.4		2011	04	DY	<0400>	0400-2000 A1A		RUS	M	Magadan - Beacon M callsign RTS	RF72LQ	NZART	ZL1BAD
7039.9		2011	04	DY	<0400>	0400-2000 A1A		RUS	S	Severomorsk - Beacon S RIT	RF72LQ	NZART	ZL1BAD
7041		2011	04	03	<0434>	0434 A1A		RUS	HCSU	Calling M9LF, BANT and WNOU 5WPM 7024KHz ~ 7058KHz wide pulse mode P0N OTHR ?	N Buller	NZART	NZRDXL
7041	34	2011	04	29	0830	P0N	non	non	non		JARL	non	
7045.0	5	2011	4	20	0915	G7D				INITIALLY SOUNDS LIKE FSK 500HZ, BUT WATERFALL SHOWS MANY SUBCARRIERS ON 50 HZ RASTER 7030KHz ~ 7064KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	
7047	34	2011	04	21	1806	P0N	non	non	non		JARL	non	

7050.0	2	2011	4	9	2020		F1B				BURSTS	QG52xi	WIA		
7050	40	2011	04	14	<2000>	2000	VON		?	Unid	CODAR 3.5 PPS	RF72LQ	NZART	ZL1BAD	
7054.0	2	2011	4	1	1920		F1B	HIGH	200		DAILY, CONTINUOUS	QG52xi	WIA		
7054		2011	04	03	<0330>	0330-2030	F1B			RUS	Unid	only	RF72LQ	NZART	ZL1BAD
7055	3	2011	04	05	1606		F1B			non	non	non	now on air	JARL	non
7055	3	2011	04	05	1708		F1B			non	non	non	now on air	JARL	non
7056.5		2011	4	17	1955		A3E				RELATED TO 7148.3, SAME CONTENT (ABC VICTORIA)	QG52xi	WIA		
7057.0	5	2011	4	21	0900		G7D				INITIALLY SOUNDS LIKE FSK 500HZ, BUT WATERFALL SHOWS MANY SUBCARRIERS ON 50 HZ RASTER	QG52xi	WIA		
7070.0	6	2011	4	16	1925		A3E			PHL	VOA SW BROADCAST INTERMOD	QG52xi	WIA		
7071	34	2011	04	19	1712		P0N			non	non	non	7054KHz ~ 7088KHz wide pulse mode P0N OTHR ?	JARL	non
7071	34	2011	04	26	1608		P0N			non	non	non	7054KHz ~ 7088KHz wide pulse mode P0N OTHR ?	JARL	non
7071	34	2011	04	28	1808		P0N			non	non	non	7054KHz ~ 7088KHz wide pulse mode P0N OTHR ?	JARL	non
7073	34	2011	04	21	1606		P0N			non	non	non	7056KHz ~ 7090KHz wide pulse mode P0N OTHR ?	JARL	non
7073	34	2011	04	25	1610		P0N			non	non	non	7056KHz ~ 7090KHz wide pulse mode P0N OTHR ?	JARL	non
7077	34	2011	04	01	0940		P0N			non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7077	34	2011	04	01	1030		P0N			non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7079	34	2011	04	28	1812		P0N			non	non	non	7062KHz ~ 7096KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	01	1708		P0N			non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	01	1806		P0N			non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	02	1708		P0N			non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	04	02	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	03	1608	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	03	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	03	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	04	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	04	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	06	1740	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	07	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	08	1028	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	08	1712	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	08	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	09	1024	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	09	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	09	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	10	1710	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	10	1810	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	11	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	04	11	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	12	1608		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	12	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	12	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	13	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	13	1806		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	14	1708	H24	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7083	34	2011	04	14	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	15	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	15	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	16	1706		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	16	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	17	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	17	1810		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	18	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	18	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	04	19	1714		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	

7083	34	2011	04	20	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	20	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	21	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	21	1810	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	22	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	22	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	23	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	23	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	24	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	24	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	25	1046	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	25	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	25	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	26	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	26	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	27	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	04	27	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	04	30	1044		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL	non
7085	30	2011	04	DY	<1830>	1830- 2030	VON		?	Unid	CODAR 3.5 PPS 7072KHz ~ 7106KHz wide pulse mode P0N OTHR ?	RF72LQ	NZART	ZL1BAD
7089	34	2011	04	05	1710		P0N	non	non	non	OTHR ?		JARL	non
7090.0	50	2011	4	1	0750		P0N				OTHR, CONSTANT 7074KHz ~ 7108KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	
7091	34	2011	04	11	1810		P0N	non	non	non	OTHR ? Chinese Langague Program		JARL	non
7105.0	9	2011	04	4	<2100		H3E		CHI			QF22MA	WIA	VK3MV
7105	5	2011	04	01	2212		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	01	2214		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	02	2212		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	02	2214		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	03	2210		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	03	2212		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	04	2214		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	04	2216		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	05	2214		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	05	2216		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	06	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	06	2208		A3E	non	non	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	07	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	07	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	08	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	08	2210		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	09	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	09	2210		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	10	2208	H24	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2011	04	10	2210		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	11	2214		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	04	11	2216		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	04	12	2212		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot

7105	3	2011	04	12	2214	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	13	2212	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	13	2214	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	14	2206	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	14	2208	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	15	2212	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	15	2214	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	16	2224	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	16	2226	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	17	2210	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	17	2212	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	18	2216	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	18	2218	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	19	2208	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	19	2210	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	20	2214	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	20	2216	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	21	2216	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	21	2218	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	22	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	22	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	23	2216	A1A	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	23	2218	A1A	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	24	2216	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	24	2218	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	25	2214	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	25	2216	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	26	2208	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	26	2210	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	27	2216	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	27	2218	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	28	2208	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot

7105	3	2011	04	28	2210		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	29	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	29	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	04	30	2210		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	04	30	2212		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7115.0	3	2011	4	15	0940		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
7115	34	2011	04	26	1710		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7117.4		2011	4	17	1225		A1A				DAILY, 5 NUMBER GROUP CIPHER	QG52xi	WIA
7119	34	2011	04	12	1030		P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non
7119	34	2011	04	17	1046		P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non
7119	34	2011	04	22	1608		P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non
7119	34	2011	04	28	1046		P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non
7119	34	2011	04	28	1708		P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non
7120	3.3	2011	04	29	<0450>	0450	M7B		?	Unid	Multi chnl. Phase Mod.	RF72LQ	NZART ZL1BAD
7120	3	2011	04	03	1610		F1B	non	non	non	IDL only	JARL	non
7120	3	2011	04	03	1710		F1B	non	non	non	IDL only	JARL	non
7121.0	5	2011	4	21	0855		G7D				MANY 50 HZ SUBCARRIERS	QG52xi	WIA
7122	3.3	2011	04	07	<0430>	0430	M7B		?	Unid	Multi chnl. Phase Mod.	RF72LQ	NZART ZL1BAD
7122	3	2011	04	13	1608		F1B	non	non	non	now on air MIXED NUMBER/LETTER CIPHER	JARL	non
7122.9		2011	4	29	1155		A1A					QG52xi	WIA
7125.0	6	2011	4	1	0740		A3E		GUI		RADIO CONAKRY	QG52xi	WIA
7125	30	2011	04	20	<1830>	1830	VON		?	Unid	CODAR 3.5 PPS	RF72LQ	NZART ZL1BAD
7125		2011	04	08	<0630>	0630-	A3E		?	Unid	Weak B-C stn	RF72LQ	NZART ZL1BAD
7125		2011	04	28	<0600>	0700	A3E		?	Unid	B-C Stn. CODAR 3.5 PPS Double pulses	RF72LQ	NZART ZL1BAD
7125	40	2011	04	26	<0900>	0900	VON		?	Unid		RF72LQ	NZART ZL1BAD
7125	40	2011	04	27	<0100>	0100	VON		?	Unid	CODAR 3.5 PPS	RF72LQ	NZART ZL1BAD



7125	34	2011	04	11	1608	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	11	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	14	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	17	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	18	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	18	1810	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	20	1708	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	20	1808	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	21	1708	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	23	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	23	1810	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	24	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	24	1810	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	25	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	25	1810	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	26	1048	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	26	1810	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non

7125	34	2011	04	27	1608	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	27	1710	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7125	34	2011	04	29	1608	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	JARL	non
7128	3	2011	04	19	1708	F1B	non	non	non	now on air	JARL	non
7131	34	2011	04	01	1710	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7131	34	2011	04	14	0914	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7131	34	2011	04	15	1028	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7131	34	2011	04	18	1044	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7131	34	2011	04	22	1216	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7131	34	2011	04	27	1036	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7131	34	2011	04	27	1230	P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	04	05	1244	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	04	10	1610	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	04	13	1612	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	04	14	1608	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	04	15	1608	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	04	20	1606	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7139	34	2011	04	15	1032	P0N	non	non	non	7122KHz ~ 7156KHz wide pulse mode P0N OTHR ?	JARL	non

7139	34	2011	04	15	1216		P0N	non	non	non	7122KHz ~ 7156KHz wide pulse mode P0N OTHR ?	JARL	non	
7142	3	2011	04	05	1608		F1B	non	non	non	now on air 7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	04	13	1710		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	04	23	1608		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	04	25	1232		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	04	25	1612		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7148.3		2011	4	1	1830		A3E					QG52xi	WIA	
7149	34	2011	04	12	1034		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7149	34	2011	04	12	1214		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7149	34	2011	04	14	1214		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7149	34	2011	04	24	1048		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7149	34	2011	04	26	1246		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7150	55	2011	04	13	<1930>	1930- 2030	VON		?	Unid	CODAR 3.5 PPS. Wider than usual	RF72LQ	NZART JARL	ZL1BAD
7151.59	0.5	2011	04	24		21:42	G7D				train of " E "	QG52xi	WIA	
7153.0	5	2011	4	19	0940									
7155		2011	4	23	03:20--04:20		A3E			WIA	Vision FM stn.Kalgoorlie,report by VK6SL	PF09RD	WIA	
7155	34	2011	04	01	1808		P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non	
7155	34	2011	04	20	1034		P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non	
7155	34	2011	04	20	1216		P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non	
7155	34	2011	04	21	1036		P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non	

7155	34	2011	04	23	1210		P0N		non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?		JARL	non
7165.0	5	2011	4	10	1845		G7D						QG52xi	WIA	
7167	34	2011	04	19	1046		P0N		non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?		JARL	non
7167	34	2011	04	19	1220		P0N		non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?		JARL	non
7169.1	3	2011	4	10	1030		J3E/U					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
7173	34	2011	04	22	1046		P0N		non	non	non	7156KHz ~ 7090KHz wide pulse mode P0N OTHR ?		JARL	non
7173	34	2011	04	22	1610		P0N		non	non	non	7156KHz ~ 7090KHz wide pulse mode P0N OTHR ?		JARL	non
7178	3.3	2011	04	07	<0445>	0445	M7B			?	Unid	Multi-chnl. Phase Mod. 7162KHz ~ 7196KHz wide pulse mode P0N OTHR ?	RF72LQ	NZART	ZL1BAD
7179	34	2011	04	14	1030		P0N		non	non	non	OTHR ?		JARL	non
7180	30	2011	04	14	<2000>	2000	VON			?	Unid	CODAR 3.5 PPS	RF72LQ	NZART	ZL1BAD
7185.0	5	2011	4	18	1010		G7D					JAMMING SIGNAL?	QG52xi	WIA	
7185.0	6	2011	4	1	1830		A3E					SW BROADCAST	QG52xi	WIA	
7195.0	6	2011	4	16	1930		A3E					SW BROADCAST, AMERICAN ACCENTED ENGLISH	QG52xi	WIA	
7199		2011	04	07	<0430>	0430	F1B	250		?	Unid	Encrypted	RF72LQ	NZART	ZL1BAD
7200.0	6	2011	4	1	1825		A3E			IRN		SW BROADCAST	QG52xi	WIA	
7200.0	6	2011	4	1	1825		A3E			SDN		SW BROADCAST VOICE OF TURKEY. ENGLISH. SW BROADCAST	QG52xi	WIA	
7200.0	6	2011	4	1	2030		A3E			TUR		ENGLISH. SW BROADCAST	QG52xi	WIA	NEW ONE
10113		2011	04	22	<0622>	0622	F1B	36	000	?	Unid	CIS-36-50 or BEE-36 orT600 Encrypted DAILY, ASIAN, SOUNDS TAGALOG, ENGINE NOISE	RF73MF	NZART	ZL1GWE
14000.0	3	2011	4	9	0915		J3E/U			PHL?		ENGINE NOISE	QG52xi	WIA	
14000	3	2011	4	1	06:54--07:03		J3E/U		315	CLN		1 male, calling on-off, no reply	OF84wx	WIA	VK6XW
14000	3	2011	4	1	<23:15-- 00:22>		J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	4	2	<06:30-- 07:05>		J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	4	3	<07:27-- 07:45>		J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	4	3	22:38--23:50		J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	4	6	08:34--08:35		J3E/U		315	CLN		2 males	OF84wx	WIA	

14000	3	2011	4	7	<08:06--08:15	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	7	22:58--23:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	7	<07:50--08:33	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	9	07:10--07:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	4	9	<23:15--00:03	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	10	07:13--07:37	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	11	<23:45--00:25>	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	12	07:15--07:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	12	<08:40--08:51	J3E/U	315	CLN	2 males work from boats	OF84wx	WIA
14000	3	2011	4	12	23:30--23:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	13	07:27--08:02	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	14	23:00--00:02	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	15	07:30--07:51	J3E/U	315	CLN	2 males talking, also asian music with singing	OF84wx	WIA
14000	3	2011	4	15	<22:50--23:50	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	16	22:56--00:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	17	07:08--09:04	J3E/U	315	CLN	3 males work from boats	OF84wx	WIA
14000	3	2011	4	17	23:30--23:57	J3E/U	315	CLN	2 males work from boats	OF84wx	WIA
14000	3	2011	4	18	07:45--08:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	18	22:54--23:55	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	19	<07:55--08:47	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	19	23:50--00:00	J3E/U	315	CLN	1male singing, another shrt call at00:00z	OF84wx	WIA
14000	3	2011	4	20	<08:30--08:42	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	20	23:00--23:45	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	21	<08:30--09:12	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	21	23:35--23:50	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	4	22	22:55--23:06	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	4	23	<23:45--00:07	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	24	<22:50--23:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	4	25	08:00--08:05	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	4	26	<08:50--09:26	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	26	22:46--23:15	J3E/U	315	CLN	2 males work from boats	OF84wx	WIA
14000	3	2011	4	27	22:45--23:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	4	28	22:47--00:15	J3E/U	315	CLN	Group of males	OF84wx	WIA

14000	3	2011	4	29	22:45--23:55	J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	4	30	22:45--23:50	J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000.1		2011	4	9	0915	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	
14001	3	2011	4	10	<07:04-- 07:50	J3E/U		315	CLN		2 males	OF84wx	WIA	
14001	3	2011	4	11	<07:00-- 07:55	J3E/U		315	CLN		2 males	OF84wx	WIA	
14001.4		2011	04	12	<0200- 0210>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14001.8	3	2011	4	25	08:25--08:57	J3E/L		360	INS		Male-female chatting	OF84wx	WIA	
14004.7	3	2011	4	11	22:50--23:05	J3E/U		315	CLN		2 males	OF84wx	WIA	
14005.0		2011	4	11	1000	A1A					LETTER CIPHER, ALL ENGLISH CHAR., HAND SENT	QG52xi	WIA	SERIOUS CLICKS
14005.0	6	2011	4	14	2230-2300	A3E			PHL		VOA SW BROADCAST INTERMOD	QG52xi	WIA	
14005.4		2011	04	09	<0145- 0155>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14005.4		2011	04	10	<0150- 0200>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14007.8		2011	04	27	<0941>	0941 F1B	50	250	?	Unid	RTTY Transmission	RF80HL	NZART	ZL2iFB
14008.0	2	2011	4	17	0935	F1B		250			FOLLOWED BY N0N	QG52xi	WIA	
14011.4	3	2011	4	12	<22:56-- 23:30	J3E/U		315	CLN		2 males	OF84wx	WIA	
14012.0	3	2011	4	22	0720	J3E/U					ASIAN	QG52xi	WIA	
14013	3	2011	4	12	<08:20-- 08:26	J3E/U		315	CLN		2 males	OF84wx	WIA	
14013.5		2011	04	26	<0900>	0900- 0930 F1B		240	?	Unid	Encrypted ASIAN, PRECEDED BY SELCALL	RF72LQ	NZART	ZL1BAD
14014.0	3	2011	4	17	1025	J3E/U					ASIAN, PRECEDED BY SELCALL	QG52xi	WIA	
14021.8	3	2011	4	17	23:20--23:50	J3E/L		315	CLN		Group of males	OF84wx	WIA	
14021.8	3	2011	4	26	<08:52-- 09:08	J3E/U		315	CLN		2 males	OF84wx	WIA	
14022.0	3	2011	4	6	1030	J3E/U					SPANISH OR PORTUGUESE	QG52xi	WIA	
14022	3	2011	4	12	<23:15-- 23:43	J3E/U		315	CLN		2 males	OF84wx	WIA	
14022	3	2011	4	26	<00:35-- 00:40	J3E/U		315	CLN		2 males	OF84wx	WIA	
14022	3	2011	4	26	<22:47-- 00:05	J3E/U		315	CLN		Group of males	OF84wx	WIA	

14022	3	2011	4	28	23:00--23:22	J3E/U		315	CLN		Group of males	OF84wx	WIA
14022	3	2011	4	29	23:15--00:12	J3E/U		315	CLN		Group of males, switched from 14025khz	OF84wx	WIA
14022		2011	04	03	<0155- 0200>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14023.6	3	2011	4	7	<23:25-- 23:33	J3E/U		315	CLN		1 male calling, no reply	OF84wx	WIA
14023.8		2011	04	25	<0140- 0150>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14025	3	2011	4	2	<23:10-- 23:30	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	3	<23:05-- 00:20	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	4	6	23:15--23:30	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	10	23:00-- 00:05>	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	4	11	<23:25-- 02:20	J3E/U		315	CLN		Group of males,	Of84wx	WIA
14025	3	2011	4	12	<22:50-- 23:32	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	23	<23:45-- 00:30	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	24	23:20--23:58	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	25	23:10--23:50	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	27	22:48-- 00:20>	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	4	29	22:45--23:15	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	4	30	22:46--00:50	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025.4		2011	04	10	<1510- 1520>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14027	3	2011	4	26	23:03--00:05	J3E/U		315	CLN		2 males	OF84wx	WIA
14027	3	2011	4	27	23:05--00:00	J3E/U		315	CLN		2 males	OF84wx	WIA
14028.0	2	2011	4	7	1025	F1B	250				DAILY, CONTINUOUS	QG52xi	WIA
14028	3	2011	4	24	<22:52-- 23:20	J3E/U		315	CLN		2 males	OF84wx	WIA
14028		2011	04	18	<0640>	0640	F1B	240	?	Unid	Idling only DAILY, ASIAN, FISHBOATS, ENGINE NOISE	RF72LQ	NZART ZL1BAD
14028.2	2	2011	4	1	0550	J3E/U						QG52xi	WIA
14028.2	3	2011	4	1	07:14--07:50	J3E/U		315	CLN		2 males	OF84wx	WIA
14030.0	6	2011	4	23	2230-2300	A3E			PHL		VOA SW BROADCAST INTERMOD	QG52xi	WIA
14030	3	2011	4	7	22:56--23:15	J3E/U		315	CLN		2 males	OF84wx	WIA

14031	3	2011	4	26	<08:50-- 09:05	J3E/U	315	CLN		2 males	OF84wx	WIA
14031.2		2011	04	10	<0145- 0155>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14031.4		2011	04	13	<0235- 0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14032.8	3	2011	4	7	1020	J3E/U				DAILY, ASIAN	QG52xi	WIA
14033	3	2011	4	9	07:16--07:22	J3E/U	315	CLN		2 males	OF84wx	WIA
14033	3	2011	4	15	22:55--23:13	J3E/U	315	CLN		Group of males	OF84wx	WIA
14033.1	3	2011	4	29	0740	J3E/U				ASIAN	QG52xi	WIA
14035		2011	04	25	<0140- 0150>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14037.0	3	2011	4	11	0955	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
14037		2011	04	12	<0140- 0145>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14039	3	2011	4	3	<23:30-- 00:15	J3E/U	315	CLN		2 males	OF84wx	WIA
14040.0	6	2011	4	23	2200	A3E		PHL		VOA SW BROADCAST INTERMOD	QG52xi	WIA
14040.0	6	2011	4	23	2300	A3E		PHL		VOA SW BROADCAST INTERMOD	QG52xi	WIA
14040.0	3	2011	4	14	0905	J3E/U				ASIAN, PHONE PATCHING	QG52xi	WIA
14040.5	3	2011	4	2	<23:42-- 00:47	<b>J3E/L</b>	360	INS		Group of males	OF84wx	WIA
14040.7	3	2011	4	29	0815	J3E/U				ASIAN	QG52xi	WIA
14040.9	3	2011	4	6	<07:45-- 08:06	J3E/U	315	CLN		Group of males	OF84wx	WIA
14045.0	3	2011	4	8	0955	J3E/U				DAILY, ASIAN	QG52xi	WIA
14045	3	2011	4	1	<23:45-- 23:55	J3E/U	315	CLN		2 males	OF84wx	WIA
14045	3	2011	4	7	<08:55-- 09:20	J3E/U	315	CLN		2 males	OF84wx	WIA
14045	3	2011	4	15	08:35--08:45	J3E/U	315	CLN		2 males	OF84wx	WIA
14045	3	2011	4	20	<22:45-- 23:26	J3E/U	315	CLN		Group of males	OF84wx	WIA
14045	3	2011	4	22	00:05-- 00:35>	J3E/U	360	INS		2 males	OF84wx	WIA
14045	3	2011	4	22	<23:45-- 00:00	J3E/U	360	INS		Group of males	OF84wx	WIA
14045.1	3	2011	4	1	0725	J3E/U				ASIAN	QG52xi	WIA



14046.8	3	2011	4	1	<07:08-- 08:10	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14046.8	3	2011	4	2	07:40--08:35	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14046.9	3	2011	4	2	<07:20-- 07:35	<b>J3E/L</b>		315	CLN	2 males	OF84wx	WIA		
14046.9	3	2011	4	3	<07:25-- 08:30	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14046.9	3	2011	4	7	<07:05-- 07:35	J3E/U		315	CLN	2 males	OF84wx	WIA		
14047.0	3	2011	4	1	0720	J3E/U				DAILY, ASIAN	QG52xi	WIA		
14047	3	2011	4	7	07:30--08:15	J3E/U		315	CLN	2 males	OF84wx	WIA		
14047	3	2011	4	9	07:25--07:26	J3E/U		315	CLN	1 male calling no reply, CW contest on 20m band	OF84wx	WIA		
14047	3	2011	4	10	07:17--07:54	J3E/U		315	CLN	2 males	OF84wx	WIA		
14047	3	2011	4	11	07:15--08:10	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14047.8	3	2011	4	15	07:20--08:45	J3E/U		315	CLN	2 males	OF84wx	WIA		
14048.0	3	2011	4	1	0530	J3E/U			PHL	DAILY, TAGALOG	QG52xi	WIA		
14048	3	2011	4	3	07:42--07:55	J3E/U		315	CLN	2 males	OF84wx	WIA		
14048	3	2011	4	14	22:50--23:00	J3E/U		315	CLN	2 MALES	OF84wx	WIA		
14049.5		2011	04	27	<1255>		1255	F1B	250	? Unid	Encrypted MODERATE BAUD RATE BUT ZERO DECODES	RF72LQ	NZART	ZL1BAD
14050.0	2	2011	4	27	0940			F1B	200			QG52xi	WIA	
14050.0	5	2011	4	8	0955			G7D		MANY CARRIERS ON 50 HZ INTERVALS		QG52xi	WIA	
14050.2	3	2011	4	3	0915	J3E/U				DAILY, ASIAN		QG52xi	WIA	
14050.7	3	2011	4	24	1205	J3E/U				ASIAN		QG52xi	WIA	
14051.3	3	2011	4	23	<23:45-- 00:27	<b>J3E/L</b>		315	CLN	2 males	OF84wx	WIA		
14052.0	5	2011	4	24	0900			G7D		MANY CARRIERS ON 50 HZ INTERVALS		QG52xi	WIA	
14052.0	3	2011	4	24	0900	J3E/U				ASIAN		QG52xi	WIA	
14055.0	3	2011	4	24	2100	J3E/U				ASIAN		QG52xi	WIA	
14055.0	6	2011	4	23	2015			A3E		SW BROADCAST WITH PRONOUNCED 120 HZ HUM		QG52xi	WIA	
14055.7	3	2011	4	12	1005	J3E/U				DAILY, ASIAN		QG52xi	WIA	
14056.2	3	2011	4	2	<23:10-- 23:30	J3E/U		315	CLN	2 males	OF84wx	WIA		
14058.0	3	2011	4	20	0800	J3E/U				ASIAN, PRECEDED BY SELCALL		QG52xi	WIA	
14058.9	2	2011	4	7	1015			F1B	250	CONTINUOUS		QG52xi	WIA	
14060.2	3	2011	4	24	22:55--23:52	<b>J3E/L</b>		315	CLN	2 males	OF84wx	WIA		
14060.4	3	2011	4	22	2155	J3E/L				DAILY, ASIAN		QG52xi	WIA	
14060.8	3	2011	4	25	2330	J3E/U				ASIAN		QG52xi	WIA	
14063.3	3	2011	4	25	07:50--08:18	<b>J3E/L</b>		315	CLN	2 males	OF84wx	WIA		

14065.5	3	2011	4	19	<08:00-- 08:12	J3E/U			315	CLN		2 males	OF84wx	WIA
14066	3	2011	4	25	<23:50-- 23:54	J3E/U			315	CLN		2 males	OF84wx	WIA
14067.9	2	2011	4	26	0945	F1B	HIGH	250				CONTINUOUS	QG52xi	WIA
14068		2011	04	26	<0900>	F1B		250	?	Unid		Encrypted	RF72LQ	NZART ZL1BAD
14068.8	2	2011	4	25	0830	F1B	HIGH	500				CONTINUOUS	QG52xi	WIA
14069.5	3	2011	4	14	0845	J3E/U						ASIAN	QG52xi	WIA
14077.7	3	2011	4	23	<23:40-- 23:50	J3E/U			315	CLN		2 males	OF84wx	WIA
14078.7	3	2011	4	18	<07:30-- 07:44	J3E/U			360			Male-female chatting	OF84wx	WIA
14090.0		2011	4	1	0730	A1A						4 CHAR MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
14091	3	2011	4	22	<08:02-- 09:06	J3E/U			315	CLN		Group of males	OF84wx	WIA
14091.6	3	2011	4	13	<07:45-- 08:30>	J3E/U			315	CLN		Group of males	OF84wx	WIA
14091.7	3	2011	4	20	<08:32-- 08:46	J3E/U			315	CLN		2 males	OF84wx	WIA
14091.7	3	2011	4	27	08:15--08:40	J3E/U			315	CLN		Male-female	OF84wx	WIA
14091.8	3	2011	4	19	<08:00-- 08:15	J3E/U			315	CLN		Group of males	OF84wx	WIA
14091.9	3	2011	4	12	0845	J3E/U						DAILY, ASIAN	QG52xi	WIA
14092	3	2011	4	21	<08:13-- 09:27	J3E/U			315	CLN		2 males	OF84wx	WIA
14092.2	3	2011	4	14	22:45--23:00	J3E/U			315	CLN		Group of males	OF84wx	WIA
14092.2	3	2011	4	25	07:55--08:00	J3E/U			315	CLN		2 males	OF84wx	WIA
14092.3	3	2011	4	27	0920	J3E/U						ASIAN	QG52xi	WIA
14099.9	3	2011	4	14	0910	J3E/L						ASIAN	QG52xi	WIA
14100.0	3	2011	4	13	0900	J3E/U						ASIAN, ENGINE NOISE	QG52xi	WIA
14102.3	3	2011	4	24	0040	J3E/U						ASIAN	QG52xi	WIA
14104.4	3	2011	4	7	1025	J3E/U						ASIAN	QG52xi	WIA
14105.1	3	2011	4	20	0815	J3E/L						ASIAN	QG52xi	WIA
14106.5	3	2011	4	20	0830	J3E/U						DAILY, ASIAN	QG52xi	WIA
14107.1	3	2011	4	24	0910	J3E/L						ASIAN	QG52xi	WIA
14109.0	3	2011	4	29	0940	J3E/U						ASIAN	QG52xi	WIA
14111	3	2011	4	16	23:40-- 00:10>	<b>J3E/L</b>			315	CLN		2 males	OF84wx	WIA
14111	3	2011	4	26	23:00--23:40	J3E/U			360	INS		Group of males	OF84wx	WIA
14112		2011	04	18	<0635>	F1B		200	?	Unid		Encrypted	RF72LQ	NZART ZL1BAD
14118.7	3	2011	4	13	<02:30-- 03:35>	<b>J3E/L</b>			315	CLN		2 males, QRM to Tracellers Net	OF84wx	WIA
14119.0	5	2011	4	9	0920	G7D						MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA

14120.0	2	2011	4	24	0915		F1B	HIGH	250									QG52xi	WIA		
14120.0	3	2011	4	17	1025		J3E/L											ASIAN	QG52xi	WIA	
14121	3	2011	4	13	<23:42-- 00:02		J3E/L			315	CLN							Group of males, on-off	OF84wx	WIA	
14124.0	3	2011	4	26	0950		J3E/L											ASIAN	QG52xi	WIA	
14127.0	3	2011	4	30	0755		J3E/U											ARABIC MUSIC (ON SSB), COUGHING IN BACKGROUND	QG52xi	WIA	
14141.0	5	2011	4	26	0950		G7D	HIGH										PSK PAIRS ON 300 HZ CENTRES. AT LEAST 10	QG52xi	WIA	
14142	3.3	2011	04	22	<0700>	0700	M7B				?	Unid						Multi chnl	RF72LQ	NZART	ZL1BAD
14152.0	2	2011	4	14	0855		F1B											MAYBE SELCAL?	QG52xi	WIA	
14156.0	5	2011	4	20	0820		G7D											MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	
14160.0	2	2011	4	14	0855		F1B	HIGH	250										QG52xi	WIA	
14169.8	3	2011	4	9	0935		J3E/L											ASIAN	QG52xi	WIA	
14170.0	6	2011	4	14	2230-2300		A3E				PHL							VOA SW BROADCAST INTERMOD	QG52xi	WIA	
14170.5		2011	4	20	0830		A1A											NUMBER CIPHER, UNSTABLE FREQ	QG52xi	WIA	
14175.0	3	2011	4	11	0950		J3E/U											ASIAN, PHONE PATCHING, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA	
14180		2011	04	11	<0200>	0200	P0N			330	?	Unid						OTHR 59+	RF81WM	NZART	ZL2CC
14184.0	5	2011	4	20	0820		G7D											MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	
14192.0	2	2011	4	1	0540		F1B		400									CONTINUOUS	QG52xi	WIA	
14225.0	6	2011	4	23	2200		A3E				PHL							VOA SW BROADCAST INTERMOD	QG52xi	WIA	
14230.0	6	2011	4	23	2230-2300		A3E				PHL							VOA SW BROADCAST INTERMOD	QG52xi	WIA	
14236.7	3	2011	4	24	0915		J3E/U											ASIAN FISHBOATS, ENGINE NOISE - FAMILY NET	QG52xi	WIA	
14239.5		2011	04	27	<1300>	1300	F1B		250		?	Unid						Encrypted	RF72LQ	NZART	ZL1BAD
14240.0	2	2011	4	24	0040		F1B		200									CONTINUOUS	QG52xi	WIA	
14250.0	3	2011	4	24	0910		J3E/U											ASIAN FISHBOATS, ENGINE NOISE - FAMILY NET	QG52xi	WIA	
14250.0	6	2011	4	1	0730		A3E				KRE							DAILY, SW BROADCAST	QG52xi	WIA	
14253.0	2	2011	4	11	0735		F1B	HIGH	250									DAILY	QG52xi	WIA	
14256.5	2	2011	4	25	0840		F1B											SELCALL, UNANSWERED	QG52xi	WIA	
14263.0	5	2011	4	17	0935		G7D											MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	

14277.7	3	2011	4	2	00:45--00:55	J3E/U	360	INS	2 males chatting, no weather info passed	OF84wx	WIA
14277.7	3	2011	4	2	01:57--02:15	J3E/U	360	INS	2 males Chatting	OF84wx	WIA
14277.7	3	2011	4	4	00:22--00:31	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	7	00:16--00:33	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	4	7	00:50--00:59	J3E/U	360	INS	2 males pass coded messages	OF84wx	WIA
14277.7	3	2011	4	7	01:08--01:12	J3E/U	360	INS	3 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	4	7	01:17--01:23	J3E/U	360	INS	1 female 3 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	7	01:34--01:42	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	4	9	00:25--00:34	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	4	9	01:30--01:35	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	10	00:21--00:25	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	4	10	01:32--01:33	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	4	12	00:30--00:53	J3E/U	360	INS	1 female, 3 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	13	00:20--00:27	J3E/U	360	INS	2 males 1 female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	13	00:38--00:47	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	13	00:49--00:53	J3E/U	360	INS	1 male-1 female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	13	00:56--01:12	J3E/U	360	INS	Group of males, 1 female, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	13	01:13--01:36	J3E/U	360	INS	2 males chatting afterwards	OF84wx	WIA
14277.7	3	2011	4	13	01:38--01:42	J3E/U	360	INS	2 males chatting	OF84wx	WIA
14277.7	3	2011	4	14	01:25--01:29	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	15	00:22--00:23	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	4	15	00:58--01:05	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA

14277.7	3	2011	4	15	01:16--01:26	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	15	02>30--02:31	J3E/U	360	INS	2 males, no messages oassed	OF84wx	WIA
14277.7	3	2011	4	16	00:50--00:51	J3E/U	360	INS	2 males, no coded messages yet	OF84wx	WIA
14277.7	3	2011	4	16	01:04--01:07	J3E/U	360	INS	Male-female	OF84ex	WIA
14277.7	3	2011	4	17	00:34--00:40	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	17	00:56--01:15	J3E/U	360	INS	males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	18	01:34--01:45	J3E/U	360	INS	3 males, chatting	OF84wx	WIA
14277.7	3	2011	4	18	01:47--01:57	J3E/U	360	INS	3 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	4	20	00:55--01:04	J3E/U	360	INS	3 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	20	01:20--01:23	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	21	00:01--01:04	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	24	01:18--01:26	J3E/U	360	INS	2 males, 1 female, passing coded messages(weather info)	OF84wx	WIA
14277.7	3	2011	4	24	01:33--01:47	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	25	01:21--01:24	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	4	26	01:54--01:55	J3E/U	360	ins	Male-female calling, cannot hear each other	OF84wx	WIA
14279.2	3	2011	4	11	0945	J3E/U			DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
14292.0	5	2011	4	18	0925	G7D			MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14295.0	3	2011	4	26	0750	J3E/U		PHL	TAGALOG, BUT NUMBERS IN ENGLISH	QG52xi	WIA
14295.0	6	2011	4	25	0200-0230	A3E		PHL	VOA SW BROADCAST INTERMOD	QG52xi	WIA
14299.7		2011	4	20	0835	N0N				QG52xi	WIA
14302.9	3	2011	4	14	0900	J3E/U			DAILY, ASIAN, "HOARSE VOICE" & OTHERS	QG52xi	WIA
14305.0	3	2011	4	20	0825	J3E/U			ASIAN	QG52xi	WIA
14317.1	3	2011	4	14	0915	J3E/U			ASIAN	QG52xi	WIA
14318.0	3	2011	4	11	0745	J3E/U			DAILY, ASIAN	QG52xi	WIA

14321.9	3	2011	4	26	0805	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14327.7	3	2011	4	12	0850	J3E/L					ASIAN, FAMILY NET	QG52xi	WIA	
14333.3	3	2011	4	11	0745	J3E/U					ASIAN	QG52xi	WIA	
14334.4	3	2011	4	11	0945	J3E/L					ASIAN, SOUNDS TAGALOG	QG52xi	WIA	
14336.0	3	2011	4	11	0805	J3E/U					ASIAN, SOUNDS TAGALOG	QG52xi	WIA	
14343.0	5	2011	4	24	2240	G7D					UNUSUAL DATA MODE, BURSTS. MAYBE SELCALL	QG52xi	WIA	
14343.2		2011	4	14	0905	A1A			8LVR		CJ6R DE 8LVR	QG52xi	WIA	
14345.6	3	2011	4	11	0945	J3E/U					DAILY, ASIAN	QG52xi	WIA	
18090.0	30	2011	4	12	1000	P0N					CONTINUOUS	QG52xi	WIA	
18107		2011	04	DY	<0500>	0500- 2000	F1B	240	RUS	Unid	Navel Shore Stn. In the days of the USSR, this station, located on the Kamchatka Peninsular, had the call sign of UMS ENCRYPTED VOICE.	RF72LQ	NZART	ZL1BAD
20997.0	6	2011	4	3	0305	G7D					SPILLS INTO 15 MTRS ON PEAKS	QG52xi	WIA	
21001.5	2	2011	4	1	1010	F1B		150			DAILY, WITH ENCRYPTED VOICE BELOW BAND EDGE	QG52xi	WIA	
21003.2		2011	04	26	<0905- 0915>	J3E/U			CHN	UNID	CHINESE FISHING TRAWLERS IN CHINESE/ DIALECTS	MK82	ARSI	
21005.0	20	2011	4	20	0840	P0N					BURSTS	QG52xi	WIA	
21009	16	2011	04	10	<0632>	0632- 0723	P0N	315	?	Unid	OTHR S9 50 PPS suspected Cyprus defence	RF73MF	NZART	ZL1GWE
21010.0	20	2011	4	14	1010	P0N					BURSTS	QG52xi	WIA	
21012.5		2011	04	10	<0625- 0645>	P0N			UNID	UNID	OTHR FROM 21000 TO 21025 Khz, VERY STRONG	MK82	ARSI	
21018.8	3	2011	4	15	0845	J3E/L					ASIAN	QG52xi	WIA	
21022.0	3	2011	4	3	0220	J3E/U					ASIAN	QG52xi	WIA	
21035.0	30	2011	4	5	0915	P0N					BURSTS	QG52xi	WIA	
21041.5	3	2011	4	4	0945	J3E/U					ASIAN	QG52xi	WIA	
21050.0	3	2011	4	28	0755	J3E/U					ASIAN	QG52xi	WIA	
21050.0	3	2011	4	24	0650	J3E/L					ASIAN	QG52xi	WIA	
21050.0	30	2011	4	22	0900	P0N					CONTINUOUS	QG52xi	WIA	
21050.0	6	2011	4	1	0205	A3E					DAILY, ASIAN	QG52xi	WIA	
21057.0		2011	4	1	1005	A1A			HYCE		F1W3 DE HYCE	QG52xi	WIA	
21059.8	3	2011	4	9	0850	J3E/L					ASIAN	QG52xi	WIA	
21067.0	5	2011	4	13	0855	G7D					MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	

21070.0	20	2011	4	14	1005	P0N	BURSTS	QG52xi	WIA					
21080.0	20	2011	4	20	0840	P0N	BURSTS	QG52xi	WIA					
21095.0	6	2011	4	1	1000	A3E	ASIAN	QG52xi	WIA					
21111.3	3	2011	4	1	0520	J3E/U	DAILY, ASIAN	QG52xi	WIA					
21115.4	3	2011	4	25	0530-0910	J3E/U	DAILY, ASIAN, PROBABLY CHINESE	QG52xi	WIA					
21118.5	3	2011	4	25	0530	J3E/U	ASIAN, NOT CHINESE	QG52xi	WIA					
21120.0	20	2011	4	11	0940	P0N	BURSTS	QG52xi	WIA					
21121.2	20	2011	4	29	0935	J3E/U	ASIAN	QG52xi	WIA					
21126.0	3	2011	4	23	0945	J3E/U	ASIAN	QG52xi	WIA					
21127.8	3	2011	4	9	0850	J3E/U	ASIAN	QG52xi	WIA					
21140.0	20	2011	4	30	0915	P0N	OTHR, BURSTS OTHR S8 25 PPS constant going around the world/return signal seen	QG52xi	WIA					
21148	24	2011	04	22	<0527>	0527-0538	P0N	315	?	Unid	RF73MF	NZART	ZL1GWE	
21150.0	20	2011	4	23	0940	P0N	OTHR, CONTINUOUS OTHR S9+ 47-48 PPS 5.5 sec bursts and 30 sec gaps	315	?	Unid	QG52xi	WIA		
21161	30	2011	04	23	<0647>	0647-0657	P0N	315	?	Unid	RF73MF	NZART	ZL1GWE	
21170	20	2011	04	26	<0920>	0920	P0N		?	Unid	RF72LQ	NZART	ZL1BAD	
21200.0	5	2011	4	1	0310	G7D	2 MAIN CARRIERS 800 HZ APART, BURSTS OTHR and mixture of CODAR 1 second pulses experimentation? S7				QG52xi	WIA		
21218.7	8	2011	04	25	<2216>	2216-0000	P0N	315	?	Unid	RF73MF	NZART	ZL1GWE	
21218.7	8	2011	04	26	<0000>	0000-0235	P0N	315	?	Unid	RF73MF	NZART	ZL1GWE	
21262.0	10	2011	04	25	<0100>	V0N	Codar Radar CODAR S1 in background widespread 1-2 PPS			unid unid	QF22MA	WIA	VK3MV	
24774	642	2011	04	03	<0544>	0544	V0N	315	?	Unid	RF73MF	NZART	ZL1GWE	
24809.7		2011	04	17	<0559>	0559	P0N	300	?	Unid	RF73MF	NZART	ZL1GWE	
24887.5	6	2011	4	29	0855	A3E	ASIAN, SPILLS INTO AMATEUR 12 MTR ALLOCATION				QG52xi	WIA		
24890.0	6	2011	4	23	2155	A3E	ASIAN				QG52xi	WIA		
24895		2011	04	03	<0544>	0544	P0N	315	?	Unid	OTHR 50 PPS S7 60 Second gaps between bursts	RF73MF	NZART	ZL1GWE
24900.0	10	2011	4	3	0525	P0N	OTHR				QG52xi	WIA		
24900.0	6	2011	4	17	0725	A3E	ASIAN				QG52xi	WIA		
24905.0	6	2011	4	13	0850	A3E	ASIAN				QG52xi	WIA		
24912.5	6	2011	4	13	0840	A3E	ASIAN				QG52xi	WIA		
24915.0	6	2011	4	3	0925	A3E	DAILY, ASIAN				QG52xi	WIA		

24925.0	6	2011	4	9	0015	A3E				DAILY, ASIAN	QG52xi	WIA		
24935.0	6	2011	4	9	0015	A3E				ASIAN	QG52xi	WIA		
24950.0	6	2011	4	1	0410	A3E				ASIAN	QG52xi	WIA		
24954		2011	04	16	<0054>	0054	VON	315	?	Unid	CODAR S1 1-2 PPS underneath good signals to J's	RF73MF	NZART	ZL1GWE
24955.0	6	2011	4	1	0945	A3E					ASIAN	QG52xi	WIA	
24962.5	6	2011	4	1	0410	A3E					ASIAN	QG52xi	WIA	
24975.0	6	2011	4	9	0015	A3E					ASIAN	QG52xi	WIA	
24987.5	6	2011	4	9	0005	A3E					DAILY, ASIAN	QG52xi	WIA	
28000.0	6	2011	4	1	0240	A3E					ASIAN	QG52xi	WIA	
28000		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28005.0	6	2011	4	1	0310	A3E					ASIAN	QG52xi	WIA	
28005		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28010		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28012.5	6	2011	4	24	2325	A3E					ASIAN	QG52xi	WIA	
28012.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28014		2011	04	17	<0456>	0456	A3E	300	CHN	Unid	Non-Amateurs A3E	RF73MF	NZART	ZL1GWE
28015.0	6	2011	4	1	0240	A3E					ASIAN	QG52xi	WIA	
28015		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28020.0	6	2011	4	1	0455	A3E					ASIAN	QG52xi	WIA	
28020		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28025.0	6	2011	4	1	0455	A3E					ASIAN	QG52xi	WIA	
28035.0	6	2011	4	1	0315	A3E					ASIAN	QG52xi	WIA	
28035		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28040.0		2011	4	25	2250	A1A					DRIFTNET BEACON	QG52xi	WIA	
28040.0	6	2011	4	24	2320	A3E					ASIAN	QG52xi	WIA	
28040		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28045.0	6	2011	4	1	0940	F3E					ASIAN	QG52xi	WIA	
28045		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE



28050.0	6	2011	4	1	0320		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28050		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28052.5		2011	4	26	0100		A1A				DRIFTNET BEACON	QG52xi	WIA	
28055.0	6	2011	4	1	0320		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28055		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28062.5	6	2011	4	25	0010		A3E				ASIAN	QG52xi	WIA	
28065.0	6	2011	4	1	0240		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28065		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28070.0	6	2011	4	1	0455		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28070		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28070		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28075.0	6	2011	4	1	0240		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28075		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28080.0	6	2011	4	1	0935		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28080		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28085.0	6	2011	4	1	0240		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28085		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28090.0	6	2011	4	25	0015		A3E				ASIAN	QG52xi	WIA	
28095.0	6	2011	4	25	0020		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28095		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28097		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28098.4		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28100.0	6	2011	4	1	0320		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28100		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28105.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	

28105		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28110.0	6	2011	4	10	0805		A3E				ASIAN	QG52xi	WIA	
28112.5	6	2011	4	1	0935		A3E				ASIAN	QG52xi	WIA	
28112.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28115.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28115		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28120.0	6	2011	4	6	0940		A3E				ASIAN	QG52xi	WIA	
28125.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28125		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28130.0	6	2011	4	26	0725		A3E				ASIAN	QG52xi	WIA	
28130		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28135.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28135		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28140.3		2011	4	26	0730		A1A			3GOS	DRIFTNET BEACON	QG52xi	WIA	
28145.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28145		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28150.0	6	2011	4	1	0320		A3E				ASIAN	QG52xi	WIA	
28150		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28155.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28155		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28160.0	6	2011	4	26	0740		A3E				DAILY, ASIAN	QG52xi	WIA	
28160		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28165.0	6	2011	4	1	0240		A3E				DAILY, ASIAN	QG52xi	WIA	
28165		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28175.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	

28175		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28180.0	6	2011	4	10	0810		A3E				ASIAN	QG52xi	WIA	
28180.0	30	2011	4	5	0940		P0N				OTHR, CONTINUOUS	QG52xi	WIA	
28185.0	6	2011	4	1	0320		A3E				ASIAN	QG52xi	WIA	
28185		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28187.5	6	2011	4	5	0820		F3E				ASIAN	QG52xi	WIA	
28187.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28190		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28195.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28195		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28200.0	6	2011	4	1	0320		F3E				ASIAN	QG52xi	WIA	
28200		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28205.0	6	2011	4	1	0240		A3E				ASIAN	QG52xi	WIA	
28205		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28212.5	6	2011	4	1	0240		F3E				ASIAN	QG52xi	WIA	
28212.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28215.0	6	2011	4	1	0455		A3E				ASIAN	QG52xi	WIA	
28216		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28225.0	6	2011	4	1	0320		A3E				ASIAN	QG52xi	WIA	
28226		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28227.5	6	2011	4	1	0235		A3E				ASIAN	QG52xi	WIA	
28227.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28230.0	6	2011	4	26	0805		A3E				ASIAN	QG52xi	WIA	
28235.0	6	2011	4	1	0235		A3E				ASIAN	QG52xi	WIA	
28235		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE

28237.5	6	2011	4	28	0850		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28237.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28245.0	6	2011	4	1	0325		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28245		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28250.0	6	2011	4	1	0510		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28250		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28255.0	6	2011	4	1	0235		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28255		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28260		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28262.5	6	2011	4	1	0235		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28265.0	6	2011	4	1	0325		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28265		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28275.0	6	2011	4	1	0235		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28275		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28277.0	6	2011	4	10	0840		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28285.0	6	2011	4	1	0235		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28285		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28287.5	6	2011	4	28	0850		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28295.0	6	2011	4	1	0235		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28295		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28300.0	6	2011	4	1	0235		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28300		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28303.0		2011	4	1	0925		A1A			MN6	DRIFTNET BEACON Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
28303		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28305.0	6	2011	4	1	0325		A3E				ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	

28305		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28312		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28312.5	6	2011	4	1	0325		A3E					ASIAN	QG52xi	WIA	
28313.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28315.0	6	2011	4	1	0235		A3E					ASIAN	QG52xi	WIA	
28320.0	6	2011	4	1	0925		A3E					ASIAN	QG52xi	WIA	
28320		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28325.0	6	2011	4	1	0235		A3E					ASIAN	QG52xi	WIA	
28325		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28335.0	6	2011	4	1	0235		A3E					ASIAN	QG52xi	WIA	
28335		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28340.0	6	2011	4	3	0520		A3E					ASIAN	QG52xi	WIA	
28350.0	6	2011	4	1	0330		F3E					ASIAN	QG52xi	WIA	
28350		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28355.0	6	2011	4	5	0820		A3E					ASIAN	QG52xi	WIA	
28355		2011	04	17	<0353>	0353	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB	RF73MF	NZART	ZL1GWE
28357.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28365.0	6	2011	4	1	0230		A3E					ASIAN	QG52xi	WIA	
28375.0	6	2011	4	1	0230		A3E					ASIAN	QG52xi	WIA	
28380.0	6	2011	4	5	0815		A3E					ASIAN	QG52xi	WIA	
28385.0	6	2011	4	1	0230		A3E					ASIAN	QG52xi	WIA	
28385		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28395		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28400.0	6	2011	4	3	0520		A3E					ASIAN	QG52xi	WIA	
28400		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE

28405.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28405		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28411.0	10	2011	04	28	<0100-0600>		F3E			unid unid	Two Asian Males - intermittently	QF22MA	WIA	VK3MV
28412.5	6	2011	4	16	0245		A3E				ASIAN	QG52xi	WIA	
28415.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28415		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28420		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28425.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28425		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28435.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28435		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28437.5	6	2011	4	25	0635		A3E				ASIAN	QG52xi	WIA	
28450.0	6	2011	4	1	0920		F3E				ASIAN	QG52xi	WIA	
28450		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28455.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28458		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28462.5	6	2011	4	6	0940		A3E				ASIAN	QG52xi	WIA	
28462.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28465.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28465		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28475.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28475		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28485.0	6	2011	4	1	0230		A3E				ASIAN	QG52xi	WIA	
28500.0	6	2011	4	1	0450		A3E				ASIAN, SOUNDS KOREAN, SW BROADCAST	QG52xi	WIA	
28500		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB	RF73MF	NZART	ZL1GWE

+ J's and VK's

Non-Amateurs Chinese  
Music S1 very light North  
Korean?

28500		2011	04	03	<0655>	0655	A3E	300	?	Unid		RF73MF	NZART	ZL1GWE
28505.0	6	2011	4	1	0230		A3E					QG52xi	WIA	
28505		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28513		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28515.0	6	2011	4	1	0230		A3E					QG52xi	WIA	
28515		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28517.5	6	2011	4	1	0920		A3E					QG52xi	WIA	
28525.0	6	2011	4	1	0330		A3E					QG52xi	WIA	
28525		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28534		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28535.0	6	2011	4	1	0230		F3E					QG52xi	WIA	
28537.5	6	2011	4	10	0845		A3E					QG52xi	WIA	
28545.0	6	2011	4	10	0850		A3E					QG52xi	WIA	
28550.0	6	2011	4	1	0230		A3E					QG52xi	WIA	
28550		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28551.5		2011	04	15	<0617>	0617	A3E	330	Unid	Unid		RF73MF	NZART	ZL1GWE
28555.0	6	2011	4	1	0230		A3E					QG52xi	WIA	
28555		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28560.0	6	2011	4	3	0515		A3E					QG52xi	WIA	
28560		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE
28565.0	6	2011	4	1	0230		A3E					QG52xi	WIA	
28565		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		RF73MF	NZART	ZL1GWE

28568		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28575.0	6	2011	4	1	0225		A3E					ASIAN	QG52xi	WIA	
28575		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28580.0	6	2011	4	1	0920		A3E					ASIAN	QG52xi	WIA	
28580		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28585.0	6	2011	4	1	0225		A3E					ASIAN	QG52xi	WIA	
28585		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28595.0	6	2011	4	1	0225		A3E					ASIAN	QG52xi	WIA	
28595		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28600.0	6	2011	4	25	0630		A3E					ASIAN	QG52xi	WIA	
28600.0	30	2011	4	1	0330		P0N					OTHR	QG52xi	WIA	
28600		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28603.0	6	2011	4	2	9090		A3E					ASIAN	QG52xi	WIA	
28605.0	6	2011	4	1	0225		A3E					ASIAN	QG52xi	WIA	
28605		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28615.0	6	2011	4	1	0225		A3E					ASIAN	QG52xi	WIA	
28615		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28625.0	6	2011	4	1	0225		A3E					ASIAN	QG52xi	WIA	
28625		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28625		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28635.0	6	2011	4	3	0515		A3E					ASIAN	QG52xi	WIA	
28635		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28645.0	6	2011	4	2	0900		A3E					ASIAN	QG52xi	WIA	
28650.0	6	2011	4	16	0240		A3E					ASIAN	QG52xi	WIA	
28650		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE



28655.0	6	2011	4	1	0330		A3E				ASIAN	QG52xi	WIA	
28655		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28664.0	6	2011	04	4	<2300>		H3E			unid	Males talking	QF22MA	WIA	VK3MV
28664.0	6	2011	04	5	<0010>		H3E			unid	Males talking	QF22MA	WIA	VK3MV
28665.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28666		2011	04	30	<0312>	0312	A3E	315	CHN	Unid	Non-Amateurs S1 very talkative	RF73MF	NZART	ZL1GWE
28667.5	6	2011	4	16	0235		A3E				ASIAN	QG52xi	WIA	
28668		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28675.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28675		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28685.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28685		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28686.5	1	2011	4	25	0625		A2A					QG52xi	WIA	
28695.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28695		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28700.0	6	2011	4	3	0515		A3E				ASIAN	QG52xi	WIA	
28700		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28705.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28705		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28712.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28715.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28716		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28725.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28725		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28730.0	6	2011	4	5	0810		A3E				ASIAN	QG52xi	WIA	
28735.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	

28736		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28740.0	6	2011	4	25	0625		A3E				ASIAN	QG52xi	WIA	
28745.0	6	2011	4	1	0225		A3E				ASIAN	QG52xi	WIA	
28745		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28750.0	6	2011	4	1	0335		A3E				ASIAN	QG52xi	WIA	
28750		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28755.0	6	2011	4	1	0220		A3E				ASIAN	QG52xi	WIA	
28755		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28760.0	6	2011	4	1	0335		A3E				ASIAN	QG52xi	WIA	
28760		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28762.5	6	2011	4	1	0220		A3E				ASIAN	QG52xi	WIA	
28762.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28775.0	6	2011	4	1	0220		A3E				ASIAN	QG52xi	WIA	
28775		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28780		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28787.5	6	2011	4	1	0335		A3E				ASIAN	QG52xi	WIA	
28787.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28790.0	6	2011	4	2	0900		A3E				ASIAN	QG52xi	WIA	
28795		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28800.0	6	2011	4	1	0220		A3E				ASIAN	QG52xi	WIA	
28800		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28812.5	6	2011	4	3	0510		F3E				ASIAN	QG52xi	WIA	
28812.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28825.0	6	2011	4	1	0335		A3E				ASIAN	QG52xi	WIA	

28825		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28835.0	6	2011	4	1	0915		A3E					ASIAN	QG52xi	WIA	
28835		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28837.5	6	2011	4	1	0340		A3E					ASIAN	QG52xi	WIA	
28837.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28850.0	6	2011	4	1	0340		A3E					ASIAN	QG52xi	WIA	
28850		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28853		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28862.5	6	2011	4	1	0220		A3E					ASIAN	QG52xi	WIA	
28862.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28875.0	6	2011	4	1	0220		A3E					ASIAN	QG52xi	WIA	
28875		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28880.0	6	2011	4	1	0340		A3E					ASIAN, SW BROADCAST	QG52xi	WIA	
28880		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28887.5	6	2011	4	1	0400		F3E					ASIAN	QG52xi	WIA	
28887.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28900.0	6	2011	4	1	0220		F3E					ASIAN	QG52xi	WIA	
28900		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28905.0	6	2011	4	1	0400		A3E					ASIAN	QG52xi	WIA	
28905		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28912.5	6	2011	4	9	0605		A3E					ASIAN	QG52xi	WIA	
28925.0	6	2011	4	1	0220		A3E					ASIAN	QG52xi	WIA	
28925		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28937.5	6	2011	4	9	0605		A3E					ASIAN	QG52xi	WIA	

28937.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28950.0	6	2011	4	1	0915		A3E					ASIAN	QG52xi	WIA	
28950		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28962.5	6	2011	4	1	0915		F3E					ASIAN	QG52xi	WIA	
28962.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28965.0	6	2011	4	1	0915		A3E					ASIAN	QG52xi	WIA	
28965		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28975.0	6	2011	4	25	0620		A3E					ASIAN	QG52xi	WIA	
28975.0	6	2011	4	5	0810		A3E					ASIAN	QG52xi	WIA	
28975		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28988		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
28995.0	6	2011	4	25	0620		A3E					ASIAN	QG52xi	WIA	
29000.0	6	2011	4	1	0220		A3E					ASIAN	QG52xi	WIA	
29000		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29005.0	6	2011	4	1	0400		A3E					ASIAN	QG52xi	WIA	
29005		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29012.5	6	2011	4	9	0515		A3E					ASIAN	QG52xi	WIA	
29025.0	6	2011	4	1	0220		A3E					ASIAN	QG52xi	WIA	
29025		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29035.0	6	2011	4	3	0510		A3E					ASIAN	QG52xi	WIA	
29050.0	6	2011	4	1	0220		A3E					ASIAN	QG52xi	WIA	
29050		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29060.0	6	2011	4	3	0510		F3E					ASIAN	QG52xi	WIA	
29062.5	6	2011	4	1	0910		A3E					ASIAN	QG52xi	WIA	
29062.5		2011	04	02	<0540>	0540	A3E		300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29075.0	6	2011	4	1	0910		A3E					ASIAN	QG52xi	WIA	

29075		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29085.0	6	2011	4	16	0220		A3E				ASIAN	QG52xi	WIA	
29100.0	6	2011	4	1	0400		A3E				ASIAN	QG52xi	WIA	
29100		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29112.5	6	2011	4	1	0215		A3E				ASIAN	QG52xi	WIA	
29112.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29125.0	6	2011	4	1	0215		A3E				ASIAN	QG52xi	WIA	
29126		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29135.0	6	2011	4	16	0220		A3E				ASIAN	QG52xi	WIA	
29150.0	6	2011	4	1	0215		A3E				ASIAN	QG52xi	WIA	
29150		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29162.5	6	2011	4	1	0215		F3E				ASIAN	QG52xi	WIA	
29162.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29175.0	6	2011	4	1	0215		A3E				ASIAN	QG52xi	WIA	
29180.0	6	2011	4	1	0910		A3E				ASIAN	QG52xi	WIA	
29180		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29187.5	6	2011	4	1	0400		A3E				ASIAN	QG52xi	WIA	
29187.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29190		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29200.0	6	2011	4	1	0405		A3E				ASIAN	QG52xi	WIA	
29200		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29212.5	6	2011	4	1	0215		F3E				ASIAN	QG52xi	WIA	
29212.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29225.0	6	2011	4	1	0215		A3E				ASIAN	QG52xi	WIA	
29225		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE

29235.9	1	2011	4	25	0610	A2A												QG52xi	WIA		
29237.5	6	2011	4	5	0805	A3E												QG52xi	WIA		
29250.0	6	2011	4	1	0405	A3E												QG52xi	WIA		
29250		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29260.0	1	2011	4	25	0610	A2A												QG52xi	WIA		
29260.0	6	2011	4	16	0215	A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						QG52xi	WIA			
29260		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29270.0	6	2011	4	5	0805	A3E					ASIAN							QG52xi	WIA		
29275.0	6	2011	4	1	0405	A3E					ASIAN							QG52xi	WIA		
29275		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29280.0	6	2011	4	3	0505	F3E					ASIAN, BROADCAST							QG52xi	WIA		
29280		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29287.5	6	2011	4	1	0910	F3E					ASIAN							QG52xi	WIA		
29287.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29295.0		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29300.0	6	2011	4	1	0405	A3E					ASIAN							QG52xi	WIA		
29300		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29312.5	6	2011	4	1	0405	A3E					ASIAN							QG52xi	WIA		
29312.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29313.3	1	2011	4	25	0610	A2A												QG52xi	WIA		
29315.0	6	2011	4	1	0405	A3E					ASIAN							QG52xi	WIA		
29315		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29325.0	6	2011	4	3	0505	A3E					ASIAN							QG52xi	WIA		
29325		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's						RF73MF	NZART	ZL1GWE		
29333.0	3	2011	4	25	0610	J3E/U												QG52xi	WIA		
29350.0	6	2011	4	1	0910	A3E					ASIAN							QG52xi	WIA		
29350		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB						RF73MF	NZART	ZL1GWE		

+ J's and VK's

29362.5	6	2011	4	1	0405		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29362.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29365.0	6	2011	4	1	0215		F3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29365		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29375.0	6	2011	4	1	0215		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29375		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29385.0	6	2011	4	1	0905		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29385		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29387.5	6	2011	4	1	0905		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29387.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29400.0	6	2011	4	1	0215		F3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29400		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29402		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29412.5	6	2011	4	9	0305		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29412.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29425.0	6	2011	4	1	0215		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29425		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29437.5	6	2011	4	1	0215		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29437.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29450.0	6	2011	4	1	0410		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29450		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29455.0	6	2011	4	1	0410		A3E					ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	QG52xi	WIA	
29455		2011	04	02	<0540>	0540	A3E	300	CHN	Unid		ASIAN Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE

29462.5	6	2011	4	1	0905	A3E					ASIAN	QG52xi	WIA
29462.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29470		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29475.0	6	2011	4	1	0215	A3E					ASIAN	QG52xi	WIA
29475		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29480		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29485.0	6	2011	4	16	0825	A3E					ASIAN	QG52xi	WIA
29495.0	6	2011	4	3	0505	A3E					ASIAN	QG52xi	WIA
29500.0	6	2011	4	5	0800	A3E					ASIAN	QG52xi	WIA
29500		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29510.0	6	2011	4	16	0755	A3E					MUSIC	QG52xi	WIA
29512.5	6	2011	4	1	0410	A3E					ASIAN	QG52xi	WIA
29512.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29515.0	6	2011	4	16	0755	A3E					MUSIC	QG52xi	WIA
29525.0	6	2011	4	1	0210	A3E					ASIAN	QG52xi	WIA
29525		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29535.0	6	2011	4	1	0905	A3E					ASIAN	QG52xi	WIA
29535		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29537.5	6	2011	4	9	0255	A3E					ASIAN	QG52xi	WIA
29540.0	6	2011	4	14	0935	A3E					SW BROADCAST	QG52xi	WIA
29545.0	6	2011	4	16	0740	A3E					ASIAN	QG52xi	WIA
29550.0	6	2011	4	9	0250	A3E					ASIAN	QG52xi	WIA
29550		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29565		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE
29575.0	6	2011	4	1	0210	A3E					ASIAN	QG52xi	WIA
29575		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART ZL1GWE



29580.0	6	2011	4	16	0600	A3E				ASIAN	QG52xi	WIA		
29587.5	6	2011	4	9	0250	A3E				ASIAN	QG52xi	WIA		
29600.0	6	2011	4	1	0210	A3E				ASIAN	QG52xi	WIA		
29600		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29600		2011	04	02	<0600>	0600	P0N		?	Unid	OTHR very faint heard on West Coast	N Buller	NZART	NZRDXL
29605.0	6	2011	4	8	2345	A3E					ASIAN	QG52xi	WIA	
29605		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29607.3		2011	4	25	0600	N0N						QG52xi	WIA	
29610.0	6	2011	4	16	0540	A3E					ASIAN	QG52xi	WIA	
29612.5	6	2011	4	1	0410	A3E					ASIAN	QG52xi	WIA	
29612.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29620.0	6	2011	4	3	0500	A3E					ASIAN	QG52xi	WIA	
29625.0	6	2011	4	1	0210	A3E					ASIAN	QG52xi	WIA	
29625		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29637.5	6	2011	4	1	0410	A3E					ASIAN	QG52xi	WIA	
29637.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29645.0	6	2011	4	16	0505	A3E					ASIAN	QG52xi	WIA	
29650.0	6	2011	4	1	0210	A3E					ASIAN	QG52xi	WIA	
29650		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29655.0	6	2011	4	16	0505	A3E					ASIAN	QG52xi	WIA	
29662.5	6	2011	4	16	0135	A3E					ASIAN	QG52xi	WIA	
29665.0	6	2011	4	3	0430	A3E					ASIAN	QG52xi	WIA	
29675.0	6	2011	4	1	0900	F3E					ASIAN	QG52xi	WIA	
29675		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29687.5	6	2011	4	1	0900	A3E					ASIAN	QG52xi	WIA	
29687.5		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE
29700.0	6	2011	4	1	0410	A3E					ASIAN	QG52xi	WIA	
29700		2011	04	02	<0540>	0540	A3E	300	CHN	Unid	Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's	RF73MF	NZART	ZL1GWE

29925 2011 04 02 <0540> 0540 A3E 300 CHN Unid Non-Amateurs A3E and F3E signals S3/S1 QSB + J's and VK's RF73MF NZART ZL1GWE