



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



May 2011

Peter Young VK3MV

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

This month there were 1267 observations made, which contrasts with 1625 last month.

In my April 2011 report, I reported a digital switch spurious on 7150kHz from Radio Australia had been reported and followed up by the ACMA. The ACMA has advised me that the problem should now be resolved. Further reports are requested to confirm.

Again in the April report, mention was made of the advice I had received from the ACMA that the subject SOHR operating just below 40 meters had been identified and the administration responsible advised. On 6 June NZART advised that this system was again operational with the following parameters:

6781 through to 7015 and 7020-7044 at 1755z 05062011.

Samples taken and rate with 45 pps

First signal was S9+ and the second signal S6

A total of 234 kHz occupied on the first signal - centre 6898

A total of 24 kHz occupied on the second signal - centre 7032

Further reports are requested along with bearing information.

For those who would like a CSV file of data please email me at: yk3mv@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
1800.9		2011	5	10	1025		A1A					3YRZ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
1803.9		2011	5	27	0940		A1A					2AFMN	DRIFTNET BEACON	QG52xi	WIA	
1804.0		2011	5	19	0940		A1A					4JBT	DRIFTNET BEACON	QG52xi	WIA	
1805.0		2011	5	10	1155		A1A					VZ6	DRIFTNET BEACON	QG52xi	WIA	
1811.8		2011	5	9	0950		A1A					2AFOP	DRIFTNET BEACON	QG52xi	WIA	
1814.9		2011	5	9	0950		A1A					YR7	DRIFTNET BEACON	QG52xi	WIA	
1820.0		2011	5	19	1000		A1A					4IKZ	DRIFTNET BEACON	QG52xi	WIA	
1824.9		2011	5	19	1010		A1A					2AHAM	DRIFTNET BEACON	QG52xi	WIA	
3500.0	3	2011	5	8	1955		J3E/U						PIDGIN FRENCH	QG52xi	WIA	
3560.00	6	2011	05	14		20:55							Broadcasting in Chinese		JARL	
3584.0	3	2011	5	8	1950		J1C							QG52xi	WIA	
3623.0	3	2011	5	2	1940		J1C							QG52xi	WIA	
3768.5	9	2011	05	28	<0700>	0700-0822	G7D				?	Unid	Appears to be a data stream Not DRM	RF73MF	NZART	ZL1GWE
3797.00	0.5	2011	05	29		21:39							h2fl h2fl h2fl de drvz drvz v DAILY, CONSTANT. SPILLS OVER INTO AMATEUR ALLOCATION		JARL	
6900.0	300	2011	5	1	1935		P0N							QG52xi	WIA	
7000.0		2011	5	30	2005		A1A				RU	K	DAILY, HARBOUR BEACON NEW FREQUENCY, NEW BEACON ("K" HEARD ON 7039.3 IN TANDEM)	QG52xi	WIA	
7000.0	3	2011	5	5	0905		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7000		2011	05	DY	<1600>	1400-2200	J3E/L				IND	Unid	NON-AMATEURS OUT OF BAND OTHR, 45 PPS, SPILL OVER TO 7010, definitely OTHSAR Stereo type radar (ZL1GWE)	RF72LQ	NZART	ZL1BAD
7000	10	2011	05	DY	<1700>	1700-2035	P0N				CHN	Unid		RF72LQ	NZART	ZL1BAD
7001.0		2011	5	26	1010		N0N							QG52xi	WIA	
7001		2011	05	01	<0659>	0659	F1B				?	Unid	CRY encryption EA?	RF80HL	NZART	ZL2IFB
7005		2011	05	23	<0130-0140>		J3E/U				INS	UNID	INDONESIAN NON HAMS IN CONVERSATIONS	MK82	ARSI	
7005.0	3	2011	5	3	0920		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7005		2011	05	23	<0130-0140>		J3E/U				INS	UNID	INDONESIAN NON HAMS IN CONVERSATIONS	MK82	ARSI	
7005.3		2011	05	07	<0954-0955		J3E/U				CLN	UNID	SRILANKAN FISHING BOATS IN SINHALA LANGUAGE ONLY -2 OM	MJ88	ARSI	
7005.3		2011	05	07	<0954-0955		J3E/U				CLN	UNID	SRILANKAN FISHING BOATS IN SINHALA LANGUAGE ONLY -2 OM	MJ88	ARSI	
7010.0	3	2011	5	3	0910		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7011		2011	05	23	<0115-0135>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7011.0	3	2011	5	14	1010		J3E/U						ASIAN	QG52xi	WIA	

7011		2011	05	23	<0115-0135>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7016.5		2011	05	09	<0253-0259>	J3E/U		CLN	UNID	SRILANKAN FISHING BOATS TWO WAY COMMUNICATION	MJ88	ARSI	
7016.5		2011	05	09	<0253-0259>	J3E/U		CLN	UNID	SRILANKAN FISHING BOATS TWO WAY COMMUNICATION	MJ88	ARSI	
7020.0	3	2011	5	5	0955	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7023	34	2011	05	03	1808	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7023	34	2011	05	15	1604	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7023	34	2011	05	15	1704	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7023	34	2011	05	17	1034	P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7025.0	3	2011	5	24	0900	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7025.0	3	2011	5	14	1005	J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7030.0	3	2011	5	5	0955	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7035	3	2011	05	10	1606	F1B	non	non	non	now on air		JARL	non
7035	3	2011	05	10	1706	F1B	non	non	non	now on air		JARL	non
7037	3	2011	05	22	1804	F1B	non	non	non	IDL only		JARL	non
7038	0.5	2011	05	29			21:49			train of " F "		JARL	
7038.7		2011	5	1	1955	A1A		RU	D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.8		2011	05	22	<0020-0030>	A1A		RUS	C,D	SINGLE LETTER BEACONS "C", "D" FROM RUSSIA	MK82	ARSI	
7038.8		2011	05	22	<0020-0030>	A1A		RUS	C,D	SINGLE LETTER BEACONS "C", "D" FROM RUSSIA	MK82	ARSI	
7038.82	0.5	2011	05	14			21:05			train of " F "		JARL	
7038.82	0.5	2011	05	14			21:06			train of " M "		JARL	
7038.9		2011	5	1	1955	A1A		RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039		2011	05	10	<1720-1723>	A1A		RUS	C	RUSSIAN SINGLE LETTER BEACON	MJ88	ARSI	
7039.0		2011	5	1	1955	A1A		RU	C	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039		2011	05	10	<1720-1723>	A1A		RUS	C	RUSSIAN SINGLE LETTER BEACON	MJ88	ARSI	
7039.0		2011	05	DY	<0330>	A1A	0330-2200	RUS	C	Moscow - Beacon C RIW	RF72LQ	NZART	ZL1BAD
7039		2011	05	DY	<0330>	A1A	0330-2200	RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD
7039		2011	05	DY	<0330>	A1A	0330-2200	RUS	F	Vladivostok - Beacon F RJS	RF72LQ	NZART	ZL1BAD
7039		2011	05	DY	<0330>	A1A	0330-2200	RUS	P	Kaliningrad - Beacon P RMP	RF72LQ	NZART	ZL1BAD
7039	0.5	2011	05	01	0120	A1A	anytime	321	RUS	F--signal Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	05	01	0830	A1A		321	RUS	F--signal Beacon		JARL	Vladivostok
7039	0.5	2011	05	01	0832	A1A		15	RUS	M--signal Beacon		JARL	Magadan
7039	0.5	2011	05	01	1040	A1A		321	RUS	F--signal Beacon		JARL	Vladivostok

7039	0.5	2011	05	01	1042	A3E	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	01	1044	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	01	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	01	1234	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	01	1236	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	01	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	01	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	01	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	01	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	01	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	01	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	01	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	01	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	01	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	01	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	0112	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	02	1004	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	1006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	02	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	02	1226	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	1228	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	02	1230	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	02	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	02	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	02	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	1704	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	02	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	02	1802	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	02	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	02	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	02	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	0230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	0818	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	0820	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	03	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	34	2011	05	03	1044	P0N	non	non	non	7022KHz ~ 7056KHz wide pulse mode P0N OTHR ?	JARL	non
7039	0.5	2011	05	03	1048	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	03	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	1226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	03	1228	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs

7039	0.5	2011	05	03	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	03	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	03	1606	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	03	1706	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	03	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	03	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	03	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	03	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	0842	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	0844	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	04	1026	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	04	1028	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	04	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	1222	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	04	1224	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	04	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	04	1606	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	04	1702	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	04	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	04	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	04	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	04	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	04	2204	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	0842	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	0844	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	05	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	1034	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	05	1036	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	05	1236	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	1238	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	05	1244	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	05	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	05	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	1704	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	05	1802	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	05	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	05	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	05	06	0112	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	0844	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	06	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	1034	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	06	1216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	1220	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	06	1610	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	1612	A1A	37	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	06	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	06	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	06	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	06	2210	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	05	07	0104	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	0852	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	07	1006	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	07	1008	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	1206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	1208	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	07	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	07	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	07	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	07	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	07	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	0112	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	0842	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	08	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	1032	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	08	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	1242	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	08	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	08	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	08	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	08	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	08	2207	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	0112	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	0848	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy

7039	0.5	2011	05	09	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	1034	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	09	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	1242	anytime A1A	37	RUS	K--signal	Beacon	PM97 JARL	Kamchatskiy
7039	0.5	2011	05	09	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	09	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	09	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	09	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	09	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	0104	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	0844	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	0846	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	10	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	1034	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	10	1226	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	1228	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	10	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	10	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	10	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	10	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	10	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	0130	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	0852	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	11	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	1042	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	11	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	1232	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	11	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	11	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	11	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	11	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	11	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	12	0106	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	05	12	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	12	0832	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	12	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	12	1042	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	12	1234	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	05	12	1236	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	12	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	12	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	12	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	12	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	13	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	13	1236	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	13	1238	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	13	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	13	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	13	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	13	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	0142	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	14	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	14	1226	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	1228	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	14	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	14	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	14	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	14	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	14	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	0116	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	1236	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	15	1804	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2011	05	15	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	0148	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	1046	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	05	16	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	1802	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2011	05	16	1810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	16	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	0844	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	17	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	17	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	17	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	17	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	17	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	17	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	05	17	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	0112	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	18	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	19	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	0136	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	0844	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	1036	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	20	1808	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2011	05	20	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	05	21	0116	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	21	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	21	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	21	1252	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	05	21	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	21	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	21	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	21	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	22	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	1224	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	1708	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2011	05	23	1712	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2011	05	23	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	23	1808	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2011	05	23	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	24	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	0134	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	05	25	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	25	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	0110	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	05	26	1218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	26	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	27	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	0116	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	1234	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	28	1802	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	05	28	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	0140	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	29	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	0120	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	0842	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	30	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	1032	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	30	1214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	1216	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	30	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	30	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	30	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	05	30	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	30	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	31	0144	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	05	31	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	05	31	0852		A1A		37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	05	31	1040		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	05	31	1042		A1A		37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	05	31	1230		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	05	31	1232		A1A		37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	05	31	1602		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	05	31	1604		A1A		37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	05	31	1702		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	05	31	1704		A1A		37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	05	31	1802		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	05	31	1804		A1A		37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	05	31	2210		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	05	31	2330		A1A		321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.03	0.5	2011	05	07		20:10						train of " F "		JARL	
7039.03	0.5	2011	05	07		20:10						train of " K "		JARL	
7039.2		2011	5	1	1955		A1A			RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	5	2	0905		A1A			RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	05	DY	<0330>	0330-2200	A1A			RUS	K	Petropavlovsk - Beacon K RCC	RF72LQ	NZART	ZL1BAD
7039.4		2011	05	DY	<0330>	0330-2200	A1A			RUS	M	Magadan - Beacon M RTS	RF72LQ	NZART	ZL1BAD
7039.56	0.5	2011	05	19		21:57						train of " F "		JARL	
7039.85	0.5	2011	05	25		23:21						train of " F "		JARL	
7039.9		2011	05	DY	<0330>	0330-2200	A1A			RUS	S	Severomorsk - Beacon S RIT	RF72LQ	NZART	ZL1BAD
7052	36	2011	05	26	1806		P0N		non	non	non	7034KHz ~ 7074KHz wide pulse mode P0N OTHR ?		JARL	non
7054.0	2	2011	5	2	1950		F1B	HIGH	200			DAILY, CONTINUOUS	QG52xi	WIA	
7054		2011	05	03	<0330>	0330-2030	F1B			RUS	Unid	Russian Airforce - Idle only	RF72LQ	NZART	ZL1BAD
7054.8	5	2011	5	2	1950		J3E/L					SW BROADCAST	QG52xi	WIA	
7055.5		2011	05	23	<0130-0140>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7055.5		2011	05	23	<0130-0140>		J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7056.5	5	2011	5	2	1940		A3E					RELATED TO 7148.3 KHZ. ABC VICTORIA CONTENT	QG52xi	WIA	
7075	30	2011	05	DY	<1830>	1830-2030	VXX			?	Unid	CODAR 3.5 PPS	RF72LQ	NZART	ZL1BAD
7077	34	2011	05	08	1606		P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7077	34	2011	05	17	1606		P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7077	34	2011	05	19	0848		P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non

7077	34	2011	05	20	1038	P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7077	34	2011	05	20	1804	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7077	34	2011	05	23	1604	P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7077	34	2011	05	24	0852	P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7080.0	5	2011	5	1	1945	G7D				4 SUBCARRIERS ON 200 HZ SPACING, VERY BROAD PSK ON EACH	QG52xi	WIA
7083	34	2011	05	01	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	01	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	02	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	02	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	03	1608	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	03	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	04	1608	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	04	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	04	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	05	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	05	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	06	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	07	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	07	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	08	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	08	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	09	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	05	09	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	10	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	11	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	11	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	12	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	12	1804	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	13	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	13	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	14	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	14	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	16	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	16	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	17	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	17	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	18	1604	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	18	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	18	1804	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	19	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	19	1804	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	20	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	22	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	23	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	05	23	1804	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	25	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	25	1804	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	26	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	27	1032	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	27	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	27	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	28	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	29	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	30	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	30	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	31	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	05	31	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7090.0	2	2011	5	1	1945	F1B				PICCOLO-LIKE	QG52xi	WIA
7097		2011	05	09	<0234-0240>	J3E/U		CLN	UNID	SRILANKAN FISHING BOATS TWO WAY COMMUNICATION	MJ88	ARSI
7097		2011	05	09	<0234-0240>	J3E/U		CLN	UNID	SRILANKAN FISHING BOATS TWO WAY COMMUNICATION	MJ88	ARSI
7100.0	100	2011	5	9	0905	P0N				CONTINUOUS	QG52xi	WIA
7101	34	2011	05	03	1230	P0N	non	non	non	7084KHz ~ 7118KHz wide pulse mode P0N OTHR ?	JARL	non
7101	34	2011	05	05	1040	P0N	non	non	non	7084KHz ~ 7118KHz wide pulse mode P0N OTHR ?	JARL	non
7105	5	2011	05	01	2212	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	01	2214	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	02	2206	anytime	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	Hohhot
7105	3	2011	05	02	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	03	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	03	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	04	2200	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot

									Meng				
7105	3	2011	05	04	2202		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	05	2204		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	05	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	06	2206		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	06	2208		A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non
7105	5	2011	05	07	2204		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	07	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	08	2204		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	08	2206		A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non
7105	5	2011	05	09	2206		A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	09	2208		A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	10	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	10	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	11	2204		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	11	2206		A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non
7105	5	2011	05	12	2210		A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	12	2212		A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	13	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	13	2206		A3E	non	non	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	14	2204	anytime	A3E	273	CHN	PBS Nei	Chinese Talk and Music	PM97	Hohhot
7105	3	2011	05	14	2206		A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non
7105	5	2011	05	15	2204		A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	15	2206		A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	16	2206		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	16	2208		A3E	non	non	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	17	2204		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	17	2206	anytime	A3E	non	CHN	Meng	Chinese Talk and Music	PM97	non
7105	5	2011	05	18	2204		A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	18	2206		A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	19	2206		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	19	2208		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	05	20	2206		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	20	2206		A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non

7105	3	2011	05	20	2208	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	21	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	21	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	3	2011	05	22	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	22	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	23	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	23	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	24	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	24	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	25	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	25	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	26	2208	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	26	2210	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	27	2208	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	27	2210	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	28	2208	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	28	2210	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	29	2204	A3E	273	CHN	Meng PBS Nei	Chinese Talk and Music	JARL	Hohhot
7105	5	2011	05	30	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	30	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	05	31	2206	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	05	31	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7110	8	2011	05	30	<1740- 1745>	A3E		ERI	VOBME	VOBME	MJ88	ARSI
7110.0	100	2011	5	31	0935 <1740- 1745>	P0N				CONTINUOUS	QG52xi	WIA
7110	8	2011	05	30	<1740- 1745>	A3E		ERI	VOBME	VOBME	MJ88	ARSI
7113	34	2011	05	02	1232	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non
7113	34	2011	05	15	1806	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non
7119	34	2011	05	02	1608	P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non
7120		2011	05	27	<1910>	1910 A3E		?	Unid	B-C Stn with phase mod. Jammer	RF72LQ	NZART ZL1BAD
7120		2011	05	27	<1910>	1910 XXX		?	Unid	B-C Stn with phase mod. Jammer	RF72LQ	NZART ZL1BAD
7122.4		2011	05	23	<0115- 0135>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI

7122.4		2011	05	23	<0115-0135>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM TRANSMISSION IN FRENCH AND SOME OTHER LANGUAGE	MK82	ARSI	
7125	10	2011	05	11	<1923-1939>		A3E		GUI	RTG	ALTERNATIVELY	MJ88	ARSI	
7125.0	6	2011	5	1	1945		A3E		GUI		RADIO CONAKRY TRANSMISSION IN FRENCH AND SOME OTHER LANGUAGE	QG52xi	WIA	
7125	10	2011	05	11	<1923-1939>		A3E		GUI	RTG	ALTERNATIVELY	MJ88	ARSI	
7125		2011	05	DY	<1900>	1900-2025	A3E		?	Unid	B-C Stn with phase mod. Jammer	RF72LQ	NZART	ZL1BAD
7125		2011	05	DY	<1900>	1900-2025	XXX		?	Unid	B-C Stn with phase mod. Jammer	RF72LQ	NZART	ZL1BAD
7125	34	2011	05	01	1608		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	01	1710		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	03	1610		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	03	1710		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	03	1810		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	04	1710	anytime	P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7125	34	2011	05	04	1810		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	05	1606		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	05	1708		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	05	1808		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7125	34	2011	05	19	1604		P0N	non	non	non	7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?		JARL	non
7131	34	2011	05	04	1230		P0N	non	non	non	7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?		JARL	non
7132.0	5	2011	5	1	1945		G7D				MANY 50 HZ SUBCARRIERS	QG52xi	WIA	
7132	3.3	2011	05	01	<1945>	1945	M7B		?	Unid	Phase Mod. Multi chnl.	RF72LQ	NZART	ZL1BAD
7134	34	2011	05	24	1704		P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?		JARL	non
7134	34	2011	05	24	1804		P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?		JARL	non
7135.0	30	2011	5	14	1000		VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7135.2	3	2011	5	8	2005		J3E/U		PHL		DAILY, TAGALOG, FISHBOATS, ENGINE NOISE	QG52xi	WIA	

7137	34	2011	05	19	1042	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	05	20	1604	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7137	34	2011	05	21	1804	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non
7142.9	3	2011	5	8	2005	J3E/U		PHL		TAGALOG, ROGER OVER	QG52xi	WIA
7143	34	2011	05	02	1010	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	06	1810	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	09	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	12	1604	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	18	1034	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	23	1226	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	25	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	28	1604	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	28	1804	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	05	31	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7148.3	5	2011	5	2	1940	A3E					QG52xi	WIA
7149	34	2011	05	24	1604	P0N	non	non	non	7130KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non
7150.0	5	2011	5	1	1945	P0N				PIP TONES IN IT. NARROWBAND	QG52xi	WIA
7151.0	2	2011	5	5	0940	F1B				EITHER SELCALL (UNANSWERED) OR TOR MODE	QG52xi	WIA
7152.0		2011	5	6	1005	A1A				DITS	QG52xi	WIA
7159	34	2011	05	07	0858	P0N	non	non	non	7142KHz ~ 7176KHz wide pulse mode P0N OTHR ?	JARL	non
7159	34	2011	05	25	1034	P0N	non	non	non	7142KHz ~ 7176KHz wide pulse mode P0N OTHR ?	JARL	non
7169.1	3	2011	5	2	0905	J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
7170	3	2011	05	28	1708	A3E	non	non	non	unknown Talk and Music	JARL	non
7173	34	2011	05	17	1244	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7173	34	2011	05	20	1226	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non

7173	34	2011	05	26	1032	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7173	34	2011	05	26	1220	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7173	34	2011	05	31	1044	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7174	3	2011	05	07	1012	F1B	non	non	non	now on air	JARL	non
7174	3	2011	05	07	1212	F1B	non	non	non	now on air	JARL	non
7174	3	2011	05	07	1606	F1B	non	non	non	now on air	JARL	non
7174	3	2011	05	07	1708	F1B	non	non	non	now on air	JARL	non
7174	3	2011	05	07	1808	F1B	non	non	non	now on air	JARL	non
7175	10	2011	05	10	<1727-1741>	A3E		ERI	VOBME	TRANSMISSION FROM VOBME	MJ88	ARSI
7175	10	2011	05	30	<1658-1710>	A3E		ERI	VOBME	VOBME+JAMMING SIGNALS. AT 1703 HRS JAMMING STOPPED.	MJ88	ARSI
7175	10	2011	05	10	<1727-1741>	A3E		ERI	VOBME	TRANSMISSION FROM VOBME	MJ88	ARSI
7175	10	2011	05	30	<1658-1710>	A3E		ERI	VOBME	VOBME+JAMMING SIGNALS. AT 1703 HRS JAMMING STOPPED.	MJ88	ARSI
7175	3	2011	05	01	1712	A3E	non	non	non	unknown Talk and Music	JARL	non
7175	3	2011	05	13	1810	A3E	non	non	non	unknown Talk and Music	JARL	non
7175	3	2011	05	15	1708	A3E	non	non	non	unknown Talk and Music	JARL	non
7175	3	2011	05	31	1710	A3E	non	non	non	unknown Talk and Music	JARL	non
7185.0	30	2011	5	26	1000	VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA
7185.0	5	2011	5	1	1940 & 1000	G7D				DAILY, JAMMING SIGNAL?	QG52xi	WIA
7185	3	2011	05	30	1218	A3E	non	non	non	unknown Talk and Music	JARL	non
7185.8	6	2011	5	28	1230	A3E		BRM		RADIO MYANMAR (NEW)	QG52xi	WIA
7186		2011	05	14	<1945>	F7D		?	Unid	8 Chnl	RF72LQ	NZART
7187.0	3	2011	5	16	1015	J3E/U				ASIAN	QG52xi	WIA
7190	8	2011	05	11	<0210-0227>	A3E		CLN	SLBC	SLBC EXT.SERVICE IN HINDI	MK82	ARSI
7190	7	2011	05	17	<0150-0200>	A3E		CLN	SLBC	SLBC EXT.SERVICE IN HINDI	MK82	ARSI
7190	7	2011	05	23	<0120-0135>	A3E		CLN	SLBC	SLBC EXT.SERVICE IN HINDI	MK82	ARSI
7190.0	10	2011	05	07	<0957-1000>	A3E		CLN	SLBC	SLBC ASIAN SERVICE	MJ88	ARSI
7190	8	2011	05	11	<0210-0227>	A3E		CLN	SLBC	SLBC EXT.SERVICE IN HINDI	MK82	ARSI
7190	7	2011	05	17	<0150-0200>	A3E		CLN	SLBC	SLBC EXT.SERVICE IN HINDI	MK82	ARSI
7190	7	2011	05	23	<0120-0135>	A3E		CLN	SLBC	SLBC EXT.SERVICE IN HINDI	MK82	ARSI
7190.0	10	2011	05	07	<0957-1000>	A3E		CLN	SLBC	SLBC ASIAN SERVICE	MJ88	ARSI
7195.0		2011	5	26	1000	NON					QG52xi	WIA
7199		2011	05	07	<0430>	0430 F1B	250	?	Unid	Encrypted	RF72LQ	NZART

7200	5	2011	05	11	<0210-0228	A3E	UNID	UNID	ARABIC PROGRAMME SIGNED OFF AT 0228.	MK82	ARSI	
7200	5	2011	05	17	<0150-0200>	A3E	UNID	UNID	ARABIC PROGRAMMING CONTINUED	MK82	ARSI	
7200	5	2011	05	23	<0120-0135>	A3E	BRM	DOM.SER	MYANMAR IN BURMESE HOME SERVICE.	MK82	ARSI	
7200.0	6	2011	5	1	1940	A3E	IRN		SW BROADCAST	QG52xi	WIA	
7200	5	2011	05	11	<0210-0228	A3E	UNID	UNID	ARABIC PROGRAMME SIGNED OFF AT 0228.	MK82	ARSI	
7200	5	2011	05	17	<0150-0200>	A3E	UNID	UNID	ARABIC PROGRAMMING CONTINUED	MK82	ARSI	
7200	5	2011	05	23	<0120-0135>	A3E	BRM	DOM.SER	MYANMAR IN BURMESE HOME SERVICE.	MK82	ARSI	
7200.00	0.5	2011	05	14					Music		JARL	
10101.2		2011	05	23	<0150-0200>	RTTY	UNID	UNID	STRONG RTTY	MK82	ARSI	
10101.2		2011	05	23	<0150-0200>	RTTY	UNID	UNID	STRONG RTTY	MK82	ARSI	
10125	30	2011	05	15	<1830>	P0N	315	?	OTHER 50 pps Suspect Cyprus S(+20dB	RF80HL	NZART	ZL2iFB
10150.0	50	2011	5	1	1925	P0N		Unid	OTHER, CONSTANT	QG52xi	WIA	
14000.0	3	2011	5	1	2220-1000	J3E/U		PHL?	DAILY, ASIAN, SOUNDS	QG52xi	WIA	
14000	3	2011	5	1	07:08--08:00	J3E/U	315	CLN	TAGALOG, ENGINE NOISE	OF84wx	WIA	VK6XW
14000	3	2011	5	2	<07:35--07:55	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	
14000	3	2011	5	2	<23:15--23:40>	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	3	23:08--23:40	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	4	23:45--23:48	J3E/U	315	CLN	1male calling, no reply	OF84wx	WIA	
14000	3	2011	5	5	22:50--23:37	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	6	23:13--23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	7	08:05--09:08	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	8	07:25--07:52	J3E/U	360	INS	2 males	OF84wx	WIA	
14000	3	2011	5	8	23:20--23:30	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	9	<07:02--07:33	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	9	<22:45--00:10	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	10	07:15--07L30	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA	
14000	3	2011	5	10	23:15--23:41	J3E/U	315	CLN	2 males	OF84w	WIA	

14000	3	2011	5	11	08:08-- 08:30	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	12	07:08-- 07:40	J3E/U	315	CLN	Group of males work from boats	OF84wx	WIA	
14000	3	2011	5	12	23:24-- 23:26	J3E/U	315	CLN	1 male calling, no reply	Of84wx	WIA	
14000	3	2011	5	17	<07:10-- 07:40	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2011	5	17	23:24-- 23:58	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	26	<23:30-- 23:47	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	27	<23:40-- 00:00	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	29	<23:30-- 23:40	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2011	5	30	<22:50-- 23:30	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000.1		2011	5	3	0735	A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	
14001		2011	05	11	<0215- 0230>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14001		2011	05	11	<0215- 0230>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14002	3	2011	5	4	08:32-- 09:00	J3E/U	360	INS	Male-female, chatting	OF84wx	WIA	
14002.1	3	2011	5	4	0830	J3E/U		PHL	DAILY, TAGALOG (ROGER OVER) SAME SPEAKER AS 14048	QG52xi	WIA	
14003	20	2011	05	03	<0624>	0624- 0644 P0N		? Unid	OTHR 50pps Suspect Cyprus S9	RF80HL	NZART	ZL2iFB
14004.3	3	2011	5	19	08:10-- 08:12	J3E/U	360	INS	1 male calling	OF84wx	WIA	
14004.9		2011	5	18	0915	A1A			SIMPLE LETTER SUBSTITUTION CIPHER	QG52xi	WIA	HAND-SENT, CLICKS
14005.0	3	2011	5	12	0855	J3E/U			ASIAN	QG52xi	WIA	
14005.0	6	2011	5	1	2200-2300	A3E		PHL	VOA SW BROADCAST INTERMOD	QG52xi	WIA	
14005.2		2011	05	07	<1009- 1013>	J3E/U		UNID UNID	TWO WAY COMMUNICATION	MJ88	ARSI	
14005.2		2011	05	07	<1009- 1013>	J3E/U		UNID UNID	TWO WAY COMMUNICATION	MJ88	ARSI	
14005.4		2011	05	27	<0245- 0255>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14005.4		2011	05	27	<0245- 0255>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008.0	2	2011	5	2	0400-0640	F1B	250		DAILY, FOLLOWED BY N0N	QG52xi	WIA	

14008	3	2011	5	16	<08:10-- 08:20	J3E/U	360	INS		Group of males	OF84wx	WIA	
14008		2011	05	23	<0955>	0955 F1B	250	RUS	Unid	Russian Naval Shore Stn	RF72LQ	NZART	ZL1BAD
14009	3	2011	5	26	<23:30-- 23:35	J3E/U	315	CLN		2 males	OF84wx	WIA	
14010.0	3	2011	5	19	0915	J3E/U				ASIAN	QG52xi	WIA	
14010.0	20	2011	5	23	1630	P0N				OTHR, CONSTANT	QG52xi	WIA	
14010.0	10	2011	5	6	0755	P0N				OTHR, CONSTANT	QG52xi	WIA	
14010.8	3	2011	5	29	<07:35-- 08:07	J3E/L	360	INS		Male-female	OF84wx	WIA	
14011.0	3	2011	5	17	0800	J3E/L				DAILY, ASIAN	QG52xi	WIA	
14012.0	3	2011	5	2	0740-0920	J3E/U				DAILY, ASIAN	QG52xi	WIA	
14012.7		2011	05	23	<0135- 0145>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14012.7		2011	05	23	<0135- 0145>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2011	05	03	<1445- 1455>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2011	05	27	<0245- 0255>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2011	05	03	<1445- 1455>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2011	05	27	<0245- 0255>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14015.8		2011	05	06	<1315- 1325>	J3E/U		CHN	UNID	GROUPS OF WORDS REPEATED IN CHINESE OM	MK82	ARSI	
14015.8		2011	05	06	<1315- 1325>	J3E/U		CHN	UNID	GROUPS OF WORDS REPEATED IN CHINESE OM	MK82	ARSI	
14016.2	3	2011	5	14	0935	J3E/U				ASIAN	QG52xi	WIA	
14016.8	3	2011	5	17	07:30-- 08:46	J3E/L	360	INS		Male-female, chatting	OF84wx	WIA	
14018	3	2011	5	20	07:52-- 08:48	J3E/L	360	INS		Male-female	OF84wx	WIA	
14018	3	2011	5	20	<08:12-- 08:15	J3E/U	360	INS		1 male calling, no reply	OF84wx	WIA	
14018.8	3	2011	5	16	0935	J3E/L				ASIAN	QG52xi	WIA	
14019	3	2011	5	4	23:10-- 00:15>	J3E/U	315	CLN		2 males	OF84wx	WIA	
14020		2011	05	06	<1315- 1325>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020		2011	05	11	<0215- 0230>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

14020.0	3	2011	5	16	0945	J3E/U			ASIAN	QG52xi	WIA	
14020.0	5	2011	5	3	0855	G7D			MANY PAIRS OF SUBCARRIERS 70 HZ APART	QG52xi	WIA	
14020	3	2011	5	2	<07:40-- 07:56	J3E/U	360	INS	2 males	OF84wx	WIA	
14020		2011	05	06	<1315- 1325>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020		2011	05	11	<0215- 0230>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020		2011	05	03	<0830>	0830 F7D		? Unid	Idling only	RF72LQ	NZART	ZL1BAD
14020.8		2011	05	04	<1140- 1150>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020.8		2011	05	04	<1140- 1150>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14022	3	2011	5	7	23:20-- 00:15	J3E/U	315	CLN	2 males	Of84wx	WIA	
14022	3	2011	5	8	23:00-- 23:28	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14024	3	2011	5	8	23:20-- 23:30	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025		2011	05	11	<0215- 0230>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14025		2011	05	24	<0225- 0235>	J3E/U		CHN UNID	CHINESE SPEAKERS FROM CHINESE FISHING TRAWLERS	MK82	ARSI	
14025.0	5	2011	5	16	0920	G7D			>10 SUBCARRIERS, 200 HZ SPACING, VERY LIGHT PSK	QG52xi	WIA	
14025.0	3	2011	5	16	0915	J3E/U		PHL	TAGALOG. ROGER OVER FORCED OFF 14048 BY THE G7D	QG52xi	WIA	
14025	3	2011	5	1	<23:40-- 23:55	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025	3	2011	5	2	22:45-- 23:40>	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025	3	2011	5	3	<23:30-- 00:20	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025	3	2011	5	5	23:10-- 00:24>	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025	3	2011	5	6	<22:50-- 23:50	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14025	3	2011	5	10	23:15-- 00:50	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14025	3	2011	5	11	<22:25-- 22:35	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025	3	2011	5	21	23:13-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA	

14025	3	2011	5	23	23:30-- 00:10	J3E/U		315	CLN	Group of males	OF84wx	WIA
14025	3	2011	5	24	22:50-- 00:26	J3E/U		315	CLN	Group of males	OF84wx	WIA
14025	3	2011	5	25	<22:45-- 00:45	J3E/U		315	CLN	Group of males	OF84wx	WIA
14025	3	2011	5	26	23:00-- 23:50	J3E/U		315	CLN	Group of males, on-off	OF84wx	WIA
14025	3	2011	5	27	22:55-- 00:00	J3E/U		315	CLN	Group of males	OF84wx	WIA
14025	3	2011	5	28	<22:55-- 00:03	J3E/U		315	CLN	2 males	OF84wx	WIA
14025	3	2011	5	29	22:55-- 23:45	J3E/U		315	CLN	2 males	OF84wx	WIA
14025	3	2011	5	30	<07:40-- 07:41	J3E/L		315	CLN	2 males	OF84wx	WIA
14025	3	2011	5	30	<22:55-- 00:15	J3E/U		315	CLN	2males	OF84wx	WIA
14025	3	2011	5	31	23:00-- 00:12	J3EU		315	CLN	2 males	OF84wx	WIA
14025		2011	05	11	<0215- 0230>	J3E/U			CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14025		2011	05	24	<0225- 0235>	J3E/U			CHN UNID	CHINESE SPEAKERS FROM CHINESE FISHING TRAWLERS	MK82	ARSI
14025.2	3	2011	5	6	2300	J3E/U				ASIAN	QG52xi	WIA
14025.4	1	2011	5	23	0800-0810	F1B	HIGH	850		STOPPED AT 0810	QG52xi	WIA
14027.5	3	2011	5	26	08:34-- 08:55	J3E/L		360	INS	Male-female	OF84wx	WIA
14028.0	1	2011	5	17	1025	F1B	HIGH	250		CONTINUOUS	QG52xi	WIA
14028.0	3	2011	5	10	2030	J3E/U				DAILY, ASIAN	QG52xi	WIA
14028	3	2011	5	7	23:02-- 23:23	J3E/U		315	CLN	group of males	OF84wx	WIA
14028	3	2011	5	9	<07:02-- 07:30	J3E/U		315	CLN	2 males	OF84wx	WIA
14028.5	3	2011	5	16	0750	J3E/U				ASIAN	QG52xi	WIA
14029.5	3	2011	5	9	08:00-- 08:45>	J3E/U		315	CLN	2 males	OF84wx	WIA
14030.0	3	2011	5	10	0930	F1B				SELCALL, UNANSWERED	QG52xi	WIA
14031.8		2011	05	18	<0120- 0130>	J3E/U			CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14031.8		2011	05	18	<0120- 0130>	J3E/U			CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14032.4		2011	05	21	<0335- 0345>	J3E/U			CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14032.4		2011	05	21	<0335- 0345>	J3E/U			CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI

14032.5	3	2011	5	19	<08:30-- 08:47	J3E/U	315	CLN	2 males	OF84wx	WIA
14032.8	3	2011	5	4	0830	J3E/U			DAILY, ASIAN	QG52xi	WIA
14032.8	3	2011	5	2	<22:22-- 23:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14032.8	3	2011	5	5	<23:40-- 00:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14033	3	2011	5	1	<08:30-- 08:54	J3E/U	315	CLN	2 males	OF84wx	WIA
14033	3	2011	5	1	<22:40-- 23:25	J3E/U	315	CLN	Group of males	OF84wx	WIA
14033	3	2011	5	4	23:28-- 23:44	J3E/U	315	CLN	Group of males	OF84wx	WIA
14033	3	2011	5	7	<07:50-- 09:03	J3E/U	315	CLN	2 males	OF84wx	WIA
14033	3	2011	5	9	22:57-- 00:10>	J3E/U	315	CLN	Group of males	OF84wx	WIA
14033	3	2011	5	10	07:19-- 07:47	J3E/U	315	CLN	Group of males	OF84wx	WIA
14033	3	2011	5	10	23:12-- 23:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14033	3	2011	5	12	23:40-- 23:41	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA
14033	3	2011	5	13	07:46-- 08:16	J3E/U	315	CLN	2 males	OF84wx	WIA
14033	3	2011	5	13	23:00-- 00:05	J3E/U	315	CLN	2 males	OF84wx	WIA
14033	3	2011	5	14	<23:00-- 00:56	J3E/U	315	CLN	Group of males	OF84wx	WIA
14033.1	3	2011	5	1	2240	J3E/U			DAILY, ASIAN	QG52xi	WIA
14033.2	3	2011	5	24	07:55-- 08:03	J3E/U	360		Male-female	OF84wx	WIA
14033.3	3	2011	5	10	07:57-- 08:40>	J3E/U	315	CLN	3 males	OF84wx	WIA
14033.3	3	2011	5	17	00:15-- 00:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14033.3	3	2011	5	17	8:03--08:13	J3E/L	315	CLN	2 males	OF84wx	WIA
14033.3	3	2011	5	19	07:56-- 08:08	J3E/U	315	CLN	2 males	OF84wx	WIA
14033.3	3	2011	5	20	<08:06-- 08:13	J3E/U	315	CLN	2 males	OF84wx	WIA
14033.5	3	2011	5	25	<07:52-- 08:00	J3E/U	315	CLN	2 males on-off	OF84wx	WIA
14034.6	3	2011	5	14	07:42-- 08:20	J3E/U	315	CLN	Group of males	OF84wx	WIA
14035	3	2011	5	24	<07:00-- 07:34	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.3	3	2011	5	10	0925	J3E/U			ASIAN	QG52xi	WIA

14040.0	3	2011	5	20	0815	J3E/U		PHL	TAGALOG	QG52xi	WIA
14040	3	2011	5	5	08:17-- 08:30	J3E/U		315 CLN	2 males	OF84wx	WIA
14040.5	3	2011	5	11	0740	J3E/U			ASIAN	QG52xi	WIA
14040.6	3	2011	5	1	07:43-- 07:51	J3E/U		315 CLN	2 males	OF84wx	WIA
14040.6	3	2011	5	8	07:40-- 07:50	J3E/U		315 CLN	2 males	OF84wx	WIA
14040.7	3	2011	5	1	2220	J3E/U			ASIAN	QG52xi	WIA
14042.5	3	2011	5	3	1035	J3E/U			DAILY, ASIAN	QG52xi	WIA
14043.7	2	2011	5	5	0850	F1B	HIGH	500	CONTINUOUS	QG52xi	WIA
14044	3	2011	5	19	23:35-- 00:46	J3E/U		315 CLN	Group of males	OF84wx	WIA
14044	3	2011	5	20	06:57-- 07:25	J3E/U		315 CLN	Group of males	OF84wx	WIA
14044	3	2011	5	20	23:22-- 00:00	J3E/U		315 CLN	2 males	OF84wx	WIA
14044	3	2011	5	22	23:40-- 00:50	J3E/U		315 CLN	2 males	OF84wx	WIA
14044.2	3	2011	5	25	<08:15-- 08:55	J3E/U		315 CLN	2 males	OF84wx	WIA
14044.4		2011	05	21	<0335- 0345>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	22	<1130- 1140>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	24	<1400- 1410>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	26	<1220- 1230>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	21	<0335- 0345>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	22	<1130- 1140>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	24	<1400- 1410>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.4		2011	05	26	<1220- 1230>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14044.6	3	2011	5	17	1200-1620	J3E/U			DAILY, ASIAN	QG52xi	WIA
14045.0	3	2011	5	2	0835	J3E/U			DAILY, ASIAN	QG52xi	WIA
14045	3	2011	5	16	00:00-- 00:02	J3E/U		315 CLN	1 male calling , no reply	OF84wx	WIA
14045	3	2011	5	16	23:08-- 23:17	J3E/U		360 INS	2 males	OF84wx	WIA
14047.0	3	2011	5	13	2200	J3E/U			DAILY, ASIAN	QG52xi	WIA
14047.3	3	2011	5	3	22:48--	J3E/L		315 CLN	1 male calling, no reply	OF84wx	WIA

[illegible]

14066	3	2011	5	23	23:00-- 23:28	J3E/U		315	CLN	2 males	OF84wx	WIA		
14066	3	2011	5	30	<22:55-- 23:20	J3E/U		315	CLN	2 males	OF84wx	WIA		
14067.9	2	2011	5	1	2035	F1B	HIGH	250		CONTINUOUS	QG52xi	WIA		
14069.6	3	2011	5	22	0945	J3E/L				ASIAN	QG52xi	WIA		
14075.6	3	2011	5	6	0800	J3E/U				ASIAN	QG52xi	WIA		
14076	3	2011	5	31	<08:05-- 08:22	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14076.2	3	2011	5	25	0825	J3E/U				ASIAN	QG52xi	WIA		
14078.0	3	2011	5	27	0800	J3E/U			PHL	TAGALOG - HILAGAYNON OR CEBUANO DIALECT	QG52xi	WIA	POSITIVE ID ON LANGUAGE	
14085.0	3	2011	5	10	0705-0740	J3E/U				DAILY, ASIAN MIXED NUMBER/LETTER CIPHER, ALLENGLISH CHARACTERS	QG52xi	WIA		
14086.0		2011	5	27	0820	A1A				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA		
14088.8	3	2011	5	7	0915	J3E/U				ASIAN	QG52xi	WIA		
14090.0	3	2011	5	17	0735	J3E/U				ASIAN	QG52xi	WIA		
14091.8	3	2011	5	2	<08:52-- 09:05	J3E/U		315	CLN	2 males	OF84wx	WIA		
14091.9	3	2011	5	3	0810	J3E/U				DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA		
14094.9	3	2011	5	28	0825	J3E/U				ASIAN "HELLO TEST"	QG52xi	WIA		
14096.6	3	2011	5	27	08:20-- 09:03	J3E/U		315	CLN	2 males	OF84wx	WIA		
14099.8	3	2011	5	6	<23:30-- 23:43	J3E/U		315	CLN	2male	OF84wx	WIA		
14100.0	20	2011	5	13	0540	P0N				OTHR, 1.88 SECOND BURSTS, 66 PPS	QG52xi	WIA		
14100.0	3	2011	5	1	2220-0810	J3E/U				DAILY, ASIAN, ENGINE NOISE	QG52xi	WIA		
14100.9		2011	05	13	<0520>	0520	P0N		?	Unid	OTHR 66pps 1.88 s bursts, 32.7 s gaps S9	RF80HL	NZART	ZL2iFB
14101.7	3	2011	5	11	<08:56-- 08:05	J3E/L		360	INS	Male-female	OF84wx	WIA		
14101.9	3	2011	5	11	0740	J3E/L			PHL	TAGALOG	QG52xi	WIA		
14102.0	3	2011	5	20	0750	J3E/U			PHL	TAGALOG	QG52xi	WIA		
14102	3	2011	5	20	07:40-- 08:16	J3E/U		360	INS	Male-female	OF84wx	WIA		
14107.0	3	2011	5	9	0745-0850	J3E/U				DAILY, ASIAN	QG52xi	WIA		
14107.9		2011	5	22	0950	A1A			9FSM	NPAM DE 9FSM	QG52xi	WIA		
14109.0	3	2011	5	1	2235-0920	J3E/U				DAILY, ASIAN	QG52xi	WIA		
14109	3	2011	5	10	<23:00-- 23:30	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14110.0	3	2011	5	26	0910	J3E/U				ASIAN	QG52xi	WIA		
14110.7	3	2011	5	3	<23:25-- 23:55	J3E/L		360		Group of males	OF84wx	WIA		

14111	3	2011	5	6	<02:40-- 00:46	J3E/U		360	INS	Group of males work from boats	OF84wx	WIA
14111.1	3	2011	5	27	0820	J3E/U				ASIAN	QG52xi	WIA
14111.6		2011	05	10	<1304- 1307>	J3E/U			CLN UNID	SRILANKAN FISHING BOATS TWO WAY COMMUNICATION	MJ88	ARSI
14111.6		2011	05	10	<1304- 1307>	J3E/U			CLN UNID	SRILANKAN FISHING BOATS TWO WAY COMMUNICATION	MJ88	ARSI
14113.6	3	2011	5	26	<08:45-- 08:52	J3E/L		360		Male-female	OF84wx	WIA
14114.0	3	2011	5	16	0825	J3E/U			CHN	DAILY, ASIAN, FAMILY NET. MIN DIALECT	QG52xi	WIA
14114	3	2011	5	16	<08:09-- 08:33	J3E/U		315	CLN	2 males	OF84wx	WIA
14115.0	3	2011	5	17	0920	J3E/U				DAILY, ASIAN, FAMILY NET	QG52xi	WIA
14122.9	3	2011	5	28	0830	J3E/U				ASIAN, FAMILY NET	QG52xi	WIA
14123.6	3	2011	5	4	0810	J3E/U				ASIAN, FAMILY NET	QG52xi	WIA
14125.0	3	2011	5	25	0855	G7D				BURSTS, MAYBE SELCALL, LOOKS LIKE WHITE NOISE + CARRIER ON WATERFALL NUMBER OF SUBCARRIERS & SPACING CHANGES	QG52xi	WIA
14126.8	5	2011	5	3	0750	G7D				FREQUENTLY	QG52xi	WIA
14127.0	2	2011	5	16	0830	G7D				2 SUBCARRIERS 700 HZ APART, EACH HEAVILY PSK'D MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14133.0	5	2011	5	3	0745	G7D					QG52xi	WIA
14140.0	3	2011	5	17	0800	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA
14140.8	1	2011	5	19	0825-0915	F1B	HIGH	500		DAILY	QG52xi	WIA
14141.0		2011	5	30	0920	A1A				4 CHAR MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
14148.0	5	2011	5	13	0710	G7D				MANY CARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14149.0	3	2011	5	4	0810	J3E/U				ASIAN, PHONE PATCHING	QG52xi	WIA
14150.0	3	2011	5	9	0845	J3E/U				CLASSICAL MUSIC CARRIER TONE FREQ. >30 SUBCARRIERS HIGH SIDE,	QG52xi	WIA
14151.4	5	2011	5	17	0755	G7D				APPROX 35 HZ CENTRES	QG52xi	WIA
14153.4	3	2011	5	26	0915	J3E/U				DAILY, ASIAN, FAMILY NET	QG52xi	WIA
14158.1	3	2011	5	4	0810	J3E/U			CHN	DAILY, FAMILY NET, FISHBOATS, ENGINE NOISE	QG52xi	WIA
14169.8	3	2011	5	26	0915	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA

POSITIVE ID AS
EITHER
HOKKIEN OR
TEO CHEW
DIALECT (VERY
SIMILAR)

POSITIVE ID AS
EITHER
HOKKIEN OR
TEO CHEW
DIALECT (VERY
SIMILAR)

14175.0	75	2011	5	18	0850		P0N											OTHR, APPEARS AS MANY SUBCARRIERS WITHOUT MODULATION, 62.5 HZ CENTRES	QG52xi	WIA		
14175	12	2011	05	13	<0746>	0746- 0750	P0N		315	?	Unid							OTHR 50pps Suspect Cyprus S9 + 20db	RF73MF	NZART	ZL1GWE	
14180.0	75	2011	5	28	0830		P0N											OTHR, APPEARS AS MANY SUBCARRIERS WITHOUT MODULATION, 62.5 HZ CENTRES	QG52xi	WIA		
14181.1	3	2011	5	6	0800		J3E/U											ARAB MUSIC	QG52xi	WIA		
14184.0	3	2011	5	11	0745		J3E/U											ASIAN, HAILING A BOAT BY NAME	QG52xi	WIA		
14190.9	3	2011	5	15	0740		J3E/U											SHOW TUNES	QG52xi	WIA		
14202.0	5	2011	5	11	0750		G7D											>10 SUBCARRIERS, 200 HZ SPACING	QG52xi	WIA		
14205.0	5	2011	5	6	0755		G7D											DAILY >10 SUBCARRIERS, 200 HZ SPACING	QG52xi	WIA		
14208		2011	05	22	<0250- 0300>		J3E/U			CLN	UNID							SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14208		2011	05	22	<0250- 0300>		J3E/U			CLN	UNID							SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14212.8		2011	05	14	<0700>	0700	A3E			?	Unid							B-C Str. Sprus emission	RF72LQ	NZART	ZL1BAD	
14225		2011	05	18	<1130- 1140>		J3E/U			CLN	UNID							SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14225.0	6	2011	5	1	2200-2300		A3E			PHL								VOA SW BROADCAST	QG52xi	WIA		
14225		2011	05	18	<1130- 1140>		J3E/U			CLN	UNID							SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14230		2011	05	22	<0155- 0200>		J3E/U			CLN	UNID							SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14230		2011	05	22	<0155- 0200>		J3E/U			CLN	UNID							SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14233.0	1	2011	5	12	1020		F1B	250											QG52xi	WIA		
14233		2011	05	12	<2020>	2020- 2115	F1B	250		?	Unid							Encrypted	RF72LQ	NZART	ZL1BAD	
14243.0	1	2011	5	6	0810		F1B	450											QG52xi	WIA		
14250.0	6	2011	5	1	2240		A3E			KRE								DAILY, SW BROADCAST	QG52xi	WIA		
14250		2011	05	09	<2025>	2025- 2115	A3E			KRE	Unid							B-C Str. 5th Harmonic of 2850 KHz	RF72LQ	NZART	ZL1BAD	
14254.0	5	2011	5	30	0925		G7D											MANY, MANY SUBCARRIERS ON 50 HZ SPACING	QG52xi	WIA		
14256.5	3	2011	5	11	0750		J3E/L											ASIAN	QG52xi	WIA		
14257.0	3	2011	5	3	0755-0810		J3E/U											CONTEMPORARY MUSIC, NOT ENGLISH	QG52xi	WIA		
14262.8	3	2011	5	26	0915		J3E/L											ASIAN, FAMILY NET	QG52xi	WIA		

14277.7	3	2011	5	1	01:08-- 01:15	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	2	00:58-- 01:02	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	2	01:33-- 01:40	J3E/U	360	INS	Group of males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	5	4	00:44-- 00:45	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA
14277.7	3	2011	5	4	00:47-- 00:49	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	5	4	01:35-- 01:36	J3E/U	360	INS	male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	5	4	01:45-- 01:48	J3E/U	360	INS	male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	5	00:42-- 00:45	J3E/U	360	INS	male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	5	00:55-- 01:02	J3E/U	360	INS	male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	5	01:35-- 01:40	J3E/U	360	INS	2 males 1 female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	7	00:02-- 00:07	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	8	00:18-- 00:21	J3E/U	360	INS	2 males chat, no messages yet	OF84wx	WIA
14277.7	3	2011	5	8	01:16-- 01:22	J3E/U	360	INS	3 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	9	00:32-- 00:36	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	5	9	01:32-- 01:45	J3E/U	360	INS	2 males pass coded messages, and chatting,(weatherinfo)	OF84ec	WIA
14277.7	3	2011	5	10	00:21-- 00:23	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	5	10	00:45-- 00:47	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	5	10	00:51--0052	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	5	10	02:19-- 02:21	J3E/U	360	INS	Female-male, no messages yet	OF84wx	WIA
14277.7	3	2011	5	11	01:22-- 01:33	J3E/U	360	INS	2 males 1female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	13	00:22-- 00:24	J3E/U	360	INS	male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	5	13	01:52-- 01:57	J3E/U	360	INS	2 males 1 female pass coded messages, Weather info	OF84wx	WIA
14277.7	3	2011	5	14	00:25-- 00:30	J3E/U	360	INS	2 males, chatting, no messages	OF84wx	WIA
14277.7	3	2011	5	14	01:32-- 01:45	J3E/U	360	INS	2 males 1 female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	5	14	01:47--	J3E/U	360	INS	female calling, no reply	OF84wx	WIA

					01:49							
14277.7	3	2011	5	15	01:12-- 01:20	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	2	2011	5	16	02:35-- 02:37	J3E/U	360	INS	1 female calling, no reply	OF84wx	WIA	
14277.7	3	2011	5	16	02:54-- 03:02	J3E/U	360	INS	2 females pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	16	03:26-- 03:35	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA	
14277.7	3	2011	5	18	00:40-- 00:45	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	20	00:40-- 00:45	J3E/U	360	INS	Group of males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	20	01:38-- 01:39	J3E/U	360	INS	2 males pass short message	OF84wx	WIA	
14277.7	3	2011	5	22	00:45-- 00:50	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	22	01:25-- 01:47	J3E/U	360	INS	2 males chatting	OF84wx	WIA	
14277.7	3	2011	5	23	00:55-- 00:58	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	23	01:02-- 01:05	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	25	00:12-- 00:22	J3E/U	360	INS	3males , no messages, just chatting	OF84wx	WIA	
14277.7	3	2011	5	25	00:25-- 00:26	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA	
14277.7	3	2011	5	25	01:20-- 01:28	J3E/U	360	INS	2 males chatting	OF84wx	WIA	
14277.7	3	2011	5	26	01:22-- 01:23	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA	
14277.7	3	2011	5	27	00:20-- 00:24	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	27	00:45-- 00:55	J3E/U	360	INS	2 males 1 female pass coded messages,(weathewr info)	OF84wx	WIA	
14277.7	3	2011	5	27	01:40-- 01:45	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	28	01:05-- 01:10	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	28	01:25-- 01:30	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA	
14277.7	3	2011	5	29	00:55-- 00:58q	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	30	00:50-- 00:55	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	5	31	00:52-- 00:53	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA	
14277.7	3	2011	5	31	00:57--	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA	

[illegible]

21057.0		2011	5	24	0735		A1A			ZJ4I	CALLING SIMILAR CALL (UNDER JAPANESE AMATEUR CW)	QG52xi	WIA	
21062.5	13	2011	05	13	<0740>	0740-0746	P0N	315	?	Unid	OTHR 1-2 s bursts, long gap S6-7	RF73MF	NZART	ZL1GWE
21069.3	3	2011	5	10	0800		J3E/L				ASIAN, PROBABLY TAGALOG	QG52xi	WIA	
21074.0	3	2011	5	1	2245		J3E/L				ASIAN	QG52xi	WIA	
21077.0	3	2011	5	24	0715		J3E/L				ASIAN DAILY, >8 SUBCARRIERS, 200 HZ SPACING, VERY BROAD PSK ON EACH	QG52xi	WIA	
21089.0	5	2011	5	6	0820		G7D					QG52xi	WIA	
21100.0	50	2011	5	6	0820		P0N				OTHR, SWEEPING	QG52xi	WIA	
21100.0	6	2011	5	14	2140-2330		A3E				DAILY, ASIAN	QG52xi	WIA	
21105.0	10	2011	5	24	0740		P0N				OTHR DAILY, ASIAN, PROBABLY CHINESE	QG52xi	WIA	
21115.4	3	2011	5	1	2245		J3E/U					QG52xi	WIA	
21120.0	6	2011	5	29	0030		A3E				DAILY, ASIAN	QG52xi	WIA	
21120.0	50	2011	5	4	0715		P0N				OTHR, BURSTS	QG52xi	WIA	
21125.0	3	2011	5	10	0900		J3E/L				ASIAN	QG52xi	WIA	
21125.0	6	2011	5	4	0720		A3E				DAILY, ASIAN	QG52xi	WIA	
21127.0	2	2011	5	9	900		F1B				BURSTS	QG52xi	WIA	
21138.8	3	2011	5	6	2255		J3E/L				ASIAN	QG52xi	WIA	
21140.0	200	2011	5	10	0855		P0N				OTHR, BURSTS	QG52xi	WIA	
21140.0	20	2011	5	4	0715		P0N				OTHR, BURSTS	QG52xi	WIA	
21228.0	3	2011	5	6	0825		G7D				REGULAR PULSES ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
21258.8	3	2011	5	9	0815		J3E/L					QG52xi	WIA	
21290.0	20	2011	5	6	0835		P0N				OTHR, BURSTS	QG52xi	WIA	
21293.0	6	2011	5	6	0835		A3E				SW BROADCAST, SOUNDS NORTH KOREAN	QG52xi	WIA	
21295.0	10	2011	5	25	0905		P0N				OTHR, BURSTS, STARTS WITH BEEP TONE 2 MAIN CARRIERS 600 HZ APART, BURSTS, WIDE PSK ON BOTH	QG52xi	WIA	
21318.0	5	2011	5	2	0830		G7D				ASIAN, SPILLS INTO AMATEUR 12 MTR ALLOCATION	QG52xi	WIA	
24887.5	6	2011	5	1	0130-0735		A3E					QG52xi	WIA	
24890.0	6	2011	5	1	1000		A3E				ASIAN	QG52xi	WIA	
24895.1	6	2011	5	10	0740		J3E/L				ASIAN, NOT CHINESE	QG52xi	WIA	
24902.5	6	2011	5	23	2340		A3E				ASIAN	QG52xi	WIA	
24905.0	6	2011	5	4	0735		A3E				ASIAN	QG52xi	WIA	
24923.0	6	2011	5	1	0125		A3E				ASIAN	QG52xi	WIA	
24925.0	6	2011	5	3	2330-0830		A3E				DAILY, ASIAN	QG52xi	WIA	
24935.0	6	2011	5	1	2345-0910		A3E				DAILY, ASIAN	QG52xi	WIA	
24955.0	6	2011	5	1	0125		A3E				ASIAN	QG52xi	WIA	
24975.0	6	2011	5	4	0735		A3E				ASIAN	QG52xi	WIA	
24985.0	6	2011	5	1	0130		A3E				DAILY, ASIAN	QG52xi	WIA	
24987.5	6	2011	5	1	0125		A3E				DAILY, ASIAN	QG52xi	WIA	

27990.0	20	2011	5	11	0710	P0N				OTHR, SLOW PULSE RATE, SWEEPING	QG52xi	WIA		
28000.0	6	2011	5	1	0125-0755	A3E				DAILY, ASIAN	QG52xi	WIA		
28005.0	6	2011	5	1	0125-0755	A3E				DAILY, ASIAN	QG52xi	WIA		
28010.0	3	2011	5	2	0030	F1B				SELCALL, UNANSWERED	QG52xi	WIA		
28012.5	6	2011	5	1	0125-0810	A3E				DAILY, ASIAN	QG52xi	WIA		
28015.0	6	2011	5	1	0125-0755	A3E				DAILY, ASIAN	QG52xi	WIA		
28020.0	6	2011	5	6	2330	A3E				ASIAN	QG52xi	WIA		
28025.0	6	2011	5	1	0120	A3E				ASIAN	QG52xi	WIA		
28035.0	6	2011	5	1	0120-0745	A3E				DAILY, ASIAN	QG52xi	WIA		
28037.5	6	2011	5	1	2330-0730	A3E				DAILY, ASIAN	QG52xi	WIA		
28040.0		2011	5	7	0525	A1A		4LEG		DRIFTNET BEACON	QG52xi	WIA		
28050.0	6	2011	5	2	0600-0805	A3E				DAILY, ASIAN	QG52xi	WIA		
28055.0	6	2011	5	1	2330-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28062.5	6	2011	5	28	0600	A3E				ASIAN	QG52xi	WIA		
28065.0	6	2011	5	1	0120-0745	A3E				DAILY, ASIAN	QG52xi	WIA		
28075.0	6	2011	5	2	0010-0730	A3E				DAILY, ASIAN	QG52xi	WIA		
28082.0	6	2011	5	2	0010	A3E				ASIAN	QG52xi	WIA		
28085.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28100.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28105.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28115.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28120.0	6	2011	5	1	0120	A3E				ASIAN	QG52xi	WIA		
28125.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28135.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28145.0	6	2011	5	1	0120-0740	A3E				DAILY, ASIAN	QG52xi	WIA		
28150.0	6	2011	5	9	0725-0805	A3E				DAILY, ASIAN	QG52xi	WIA		
28155.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28165.0	6	2011	5	1	0120-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28175.0	6	2011	5	1	0120-0725	A3E				DAILY, ASIAN	QG52xi	WIA		
28185.0	6	2011	5	1	0120-0555	A3E				DAILY, ASIAN	QG52xi	WIA		
28195.0	6	2011	5	1	0115-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28200.0	6	2011	5	2	2330-0805	A3E				DAILY, ASIAN	QG52xi	WIA		
28200		2011	05	04	<0425>	0425	A3E	IND	Unid	NCDXF Beacons obliterated by YB or E Asian Cbers	RF80HL	NZART	ZL2iFB	
28205.0	6	2011	5	1	0115-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28212.5	6	2011	5	2	0005	A3E				ASIAN	QG52xi	WIA		
28215.0	6	2011	5	1	0115-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28217.5	6	2011	5	1	0115	A3E				ASIAN	QG52xi	WIA		
28225.0	6	2011	5	1	0115-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28235.0	6	2011	5	1	0115-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28245.0	6	2011	5	1	0115-0750	A3E				DAILY, ASIAN	QG52xi	WIA		
28250.0	6	2011	5	13	0750	A3E				ASIAN	QG52xi	WIA		
28255.0	6	2011	5	2	0005-0745	A3E				DAILY, ASIAN	QG52xi	WIA		
28265.0	6	2011	5	1	0110-0740	A3E				DAILY, ASIAN	QG52xi	WIA		

28275.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28285.0	6	2011	5	1	0115-0805	A3E	DAILY, ASIAN	QG52xi	WIA
28295.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28300.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28305.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28312.5	6	2011	5	9	0805	A3E	ASIAN	QG52xi	WIA
28315.0	6	2011	5	1	0115-0555	A3E	DAILY, ASIAN	QG52xi	WIA
28325.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28335.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28350.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28355.0	6	2011	5	1	0110-0730	A3E	DAILY, ASIAN	QG52xi	WIA
28365.0	6	2011	5	1	0110	A3E	ASIAN	QG52xi	WIA
28375.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28385.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28400.0	6	2011	5	2	0005-0725	A3E	DAILY, ASIAN	QG52xi	WIA
28405.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28412.5	6	2011	5	1	0110-0725	A3E	DAILY, ASIAN	QG52xi	WIA
28415.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28420.0	6	2011	5	28	0550	A3E	ASIAN	QG52xi	WIA
28425.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28435.0	6	2011	5	1	0110-0550	A3E	DAILY, ASIAN	QG52xi	WIA
28437.5	6	2011	5	1	0110	A3E	ASIAN	QG52xi	WIA
28450.0	6	2011	5	6	0550-0855	A3E	DAILY, ASIAN	QG52xi	WIA
28455.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28465.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28475.0	6	2011	5	1	0110-0725	A3E	DAILY, ASIAN	QG52xi	WIA
28485.0	6	2011	5	1	0110	A3E	ASIAN	QG52xi	WIA
28500.0	6	2011	5	2	0000	A3E	ASIAN, SOUNDS KOREAN, SW BROADCAST	QG52xi	WIA
28505.0	6	2011	5	1	0110	A3E	ASIAN	QG52xi	WIA
28515.0	6	2011	5	1	0110	A3E	ASIAN	QG52xi	WIA
28525.0	6	2011	5	1	0110	A3E	ASIAN	QG52xi	WIA
28535.0	6	2011	5	1	0110-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28537.5	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28540.0	6	2011	5	4	0730	A3E	ASIAN	QG52xi	WIA
28545.0	6	2011	5	2	0000	A3E	ASIAN	QG52xi	WIA
28555.0	6	2011	5	1	0105-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28560.0	6	2011	5	15	0635	A3E	ASIAN	QG52xi	WIA
28565.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28575.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28585.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28595.0	6	2011	5	1	0105-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28600.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28605.0	6	2011	5	2	0000-0725	A3E	DAILY, ASIAN	QG52xi	WIA
28612.5	6	2011	5	28	0550	A3E	ASIAN	QG52xi	WIA

28615.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28625.0	6	2011	5	1	0105-0725	A3E	DAILY, ASIAN	QG52xi	WIA
28635.0	6	2011	5	2	0000	A3E	ASIAN	QG52xi	WIA
28637.5	6	2011	5	11	0725	A3E	ASIAN	QG52xi	WIA
28645.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28650.0	6	2011	5	28	0550	A3E	ASIAN	QG52xi	WIA
28655.0	6	2011	5	1	0105-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28665.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
28675.0	6	2011	5	1	0105	A3E	ASIAN	QG52xi	WIA
							>8 SUBCARRIERS, 200 HZ SPACING, VERY BROAD PSK ON EACH		
28680.0	5	2011	5	9	0800	G7D		QG52xi	WIA
28685.0	6	2011	5	1	0105-0725	A3E	DAILY, ASIAN	QG52xi	WIA
28687.5	6	2011	5	28	0550	A3E	ASIAN	QG52xi	WIA
28695.0	6	2011	5	13	0105-0740	A3E	DAILY, ASIAN	QG52xi	WIA
28700.0	6	2011	5	2	0000-0550	A3E	DAILY, ASIAN	QG52xi	WIA
28705.0	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
28712.5	6	2011	5	11	0720	A3E	ASIAN	QG52xi	WIA
28715.0	6	2011	5	1	0100-0735	A3E	DAILY, ASIAN	QG52xi	WIA
28725.0	6	2011	5	1	0100-0720	A3E	DAILY, ASIAN	QG52xi	WIA
28735.0	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
28737.5	6	2011	5	28	0550	A3E	ASIAN	QG52xi	WIA
28745.0	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
28750.0	6	2011	5	9	0545-0755	A3E	DAILY, ASIAN	QG52xi	WIA
28755.0	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
28762.5	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
28765.0	6	2011	5	6	0850	A3E	ASIAN	QG52xi	WIA
28775.0	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
28795.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28800.0	6	2011	5	28	0545	A3E	ASIAN	QG52xi	WIA
28812.5	6	2011	5	1	0100-0550	A3E	DAILY, ASIAN	QG52xi	WIA
28825.0	6	2011	5	9	0720-0755	A3E	DAILY, ASIAN	QG52xi	WIA
28835.0	6	2011	5	6	0850	A3E	ASIAN	QG52xi	WIA
28837.5	6	2011	5	2	0800	A3E	ASIAN	QG52xi	WIA
28850.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28862.5	6	2011	5	2	0800	A3E	DAILY, ASIAN	QG52xi	WIA
28875.0	6	2011	5	1	0100-0735	A3E	ASIAN	QG52xi	WIA
28880.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28887.5	6	2011	5	4	0725	A3E	DAILY, ASIAN	QG52xi	WIA
28900.0	6	2011	5	1	2355-0720	A3E	DAILY, ASIAN	QG52xi	WIA
28912.5	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28920.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28945.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28950.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
28962.5	6	2011	5	6	0845	A3E	ASIAN	QG52xi	WIA

28975.0	6	2011	5	1	2355-0735	A3E	DAILY, ASIAN	QG52xi	WIA
28987.5	6	2011	5	4	0725	A3E	ASIAN	QG52xi	WIA
29000.0	6	2011	5	1	2355	A3E	ASIAN	QG52xi	WIA
29015.0	6	2011	5	2	0800	A3E	ASIAN	QG52xi	WIA
29025.0	6	2011	5	1	0100	A3E	ASIAN	QG52xi	WIA
29050.0	6	2011	5	1	2355-0720	A3E	DAILY, ASIAN	QG52xi	WIA
29065.0	6	2011	5	1	2350	A3E	ASIAN	QG52xi	WIA
29075.0	6	2011	5	1	2350-0720	A3E	DAILY, ASIAN	QG52xi	WIA
29100.0	6	2011	5	1	2350-0735	A3E	DAILY, ASIAN	QG52xi	WIA
29125.0	6	2011	5	1	2350-0720	A3E	DAILY, ASIAN	QG52xi	WIA
29137.5	6	2011	5	1	2350	A3E	ASIAN	QG52xi	WIA
29150.0	6	2011	5	1	2350-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29162.5	6	2011	5	2	0715-0755	A3E	DAILY, ASIAN	QG52xi	WIA
29175.0	6	2011	5	1	2350	A3E	ASIAN	QG52xi	WIA
29180.0	6	2011	5	2	0755	A3E	ASIAN	QG52xi	WIA
29187.5	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29200.0	6	2011	5	1	2350	A3E	ASIAN	QG52xi	WIA
29212.5	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29225.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29250.0	6	2011	5	2	0755	A3E	DAILY, ASIAN	QG52xi	WIA
29262.5	6	2011	5	9	0750	A3E	ASIAN	QG52xi	WIA
29270.0	6	2011	5	2	0755	A3E	ASIAN	QG52xi	WIA
29275.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29287.5	6	2011	5	9	0750	A3E	ASIAN	QG52xi	WIA
29300.0	6	2011	5	1	2350-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29305.0	6	2011	5	1	2350	A3E	ASIAN	QG52xi	WIA
29312.5	6	2011	5	1	0055-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29325.0	6	2011	5	9	0750	A3E	DAILY, ASIAN	QG52xi	WIA
29335.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29350.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29362.5	6	2011	5	13	0730-0830	A3E	DAILY, ASIAN	QG52xi	WIA
29375.0	6	2011	5	1	2345-0725	A3E	DAILY, ASIAN	QG52xi	WIA
29387.5	6	2011	5	2	0750	A3E	DAILY, ASIAN	QG52xi	WIA
29400.0	6	2011	5	2	0750	A3E	ASIAN	QG52xi	WIA
29412.5	6	2011	5	2	0750	A3E	ASIAN	QG52xi	WIA
29425.0	6	2011	5	1	2345-0725	A3E	DAILY, ASIAN	QG52xi	WIA
29437.5	6	2011	5	1	2345-0725	A3E	DAILY, ASIAN	QG52xi	WIA
29450.0	6	2011	5	1	2345	A3E	ASIAN	QG52xi	WIA
29462.5	6	2011	5	28	0540	A3E	ASIAN	QG52xi	WIA
29475.0	6	2011	5	1	2345-0725	A3E	DAILY, ASIAN	QG52xi	WIA
29487.5	6	2011	5	1	2345-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29495.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29500.0	6	2011	5	1	2345	A3E	ASIAN	QG52xi	WIA
29510.0	6	2011	5	2	0750	A3E	ASIAN	QG52xi	WIA
29512.5	6	2011	5	2	0750	A3E	DAILY, ASIAN	QG52xi	WIA

29515.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29525.0	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29537.5	6	2011	5	1	0055	A3E	ASIAN	QG52xi	WIA
29545.0	6	2011	5	1	2345	A3E	ASIAN	QG52xi	WIA
29550.0	6	2011	5	1	2345-0725	A3E	DAILY, ASIAN	QG52xi	WIA
29575.0	6	2011	5	1	2345-0725	A3E	DAILY, ASIAN	QG52xi	WIA
29587.5	6	2011	5	9	0745	A3E	ASIAN	QG52xi	WIA
29600.0	6	2011	5	13	0720	A3E	ASIAN	QG52xi	WIA
29612.5	6	2011	5	1	0050	A3E	ASIAN	QG52xi	WIA
29625.0	6	2011	5	1	2345-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29637.5	6	2011	5	1	2345-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29650.0	6	2011	5	1	0050-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29655.0	6	2011	5	1	0050	A3E	ASIAN	QG52xi	WIA
29662.5	6	2011	5	1	0050-0720	A3E	DAILY, ASIAN	QG52xi	WIA
29675.0	6	2011	5	1	2340-0715	A3E	DAILY, ASIAN	QG52xi	WIA
29680.0	6	2011	5	1	2340	A3E	ASIAN	QG52xi	WIA
29687.5	6	2011	5	1	0050-0720	A3E	DAILY, ASIAN	QG52xi	WIA
29700.0	6	2011	5	1	2240-0720	A3E	DAILY, ASIAN	QG52xi	WIA