



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



September 2011

Peter Young VK3MV

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

This month there were 1117 observations made across the Region, which contrasts with 1099 last month.

The Australian Regulator, the ACMA has advised that the spurious emission on 7145 kHz for a Radio Australia is still under investigation.

For those who would like a CSV file of data please email me at: 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
3525.0	5	2011	9	8	1900		G7D						DAILY, APPROX 20 SUBCARRIERS ON 100 HZ CENTRES	QG52xi	WIA	VK4TJ
3579.7	0.5	2011	09	13		06:06	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3584.0	3	2011	9	8	1855		J1C							QG52xi	WIA	
3623.0	3	2011	9	8	1000		J1C							QG52xi	WIA	
3632.6		2011	9	10	1940		A1A					E	SINGLE LETTER BEACON	QG52xi	WIA	
3797	0.5	2011	09	02		05:05	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	09	06		02:48	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	09	08		06:30	A1A						h2f1 h2f1 h2f1 de drvz drvz v		JARL	
3797	0.5	2011	09	09		05:57	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
6900.0	300	2011	9	2	1005		P0N						DAILY, CONSTANT. SPILLS OVER INTO AMATEUR ALLOCATION	QG52xi	WIA	
7000.0	3	2011	9	8	1915		J3E/U						SPANISH OR PORTUGUESE	QG52xi	WIA	
7000.0	3	2011	9	1	1950		J3E/U						ASIAN, SOUNDS CHINESE	QG52xi	WIA	
7000.0	3	2011	9	7	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7000		2011	9	DY	<0530>	0330- 2200	J3E/L				?	Unid	Non-Amateurs, Spanish & Indonesian speaking, relaying music at times	RF72LQ	NZART	ZL1BAD
7002	3.3	2011	9	08	<0630>	0630	M7B				?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7005.0	3	2011	9	7	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7005.0	3	2011	9	7	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7007.6		2011	09	03	<0550-0605>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7010.0	3	2011	9	7	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7010.0	3	2011	9	1	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	3	2011	9	1	1000		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	3	2011	9	20	1025		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015	30	2011	9	16	<0700>	0700- 0730	PXX				?	Unid	Not measured	RF72LQ	NZART	ZL1BAD
7017	34	2011	09	11	1706		P0N			non	non	non	7000KHz ~ 7034KHz wide pulse mode P0N OTHR ?		JARL	non
7023	34	2011	09	23	1808		P0N			non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7030.0	3	2011	9	3	1000		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7030.0	5	2011	9	1	1950		G7D						>10 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7036	3	2011	09	02	1806		F1B			non	non	non	IDL only		JARL	non
7036	3	2011	09	22	1810		F1B			non	non	non	IDL only		JARL	non
7036	3	2011	09	29	1806		F1B			non	non	non	IDL only		JARL	non
7037	3	2011	09	15	1808		F1B			non	non	non	IDL only		JARL	non
7038.2		2011	9	DY	<0530>	0330- 2200	A1A				RUS	L	St Peterburg Beacon L	RF72LQ	NZART	ZL1BAD

7038.3	0.2	2011	09	02	<1218>	J3E/U		IND	MANY	River LEVEL status of GANGA AND TRIBUTARIES SINGLE LETTER BEACON-	NL06	ARSI	
7038.6		2011	09	06	<2300-2310>	A1A		RUS	P	"P"	MK82	ARSI	
7038.7		2011	9	6	2010	A1A		RU	D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.8		2011	9	6	2010	A1A		RU	P	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.9		2011	9	6	2010	A1A		RU	S	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.0		2011	9	DY	<0530>	0330-2200 A1A		RUS	C	Moscow - Beacon C Call sign RIW	RF72LQ	NZART	ZL1BAD
7039		2011	9	DY	<0530>	0330-2200 A1A		RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD
7039		2011	9	DY	<0530>	0330-2200 A1A		RUS	F	Vladivistok - Beacon F Call sign RJS	RF72LQ	NZART	ZL1BAD
7039		2011	9	DY	<0530>	0330-2200 A1A		RUS	P	Kaliningrad - Beacon P Call sign RMP	RF72LQ	NZART	ZL1BAD
7039	0.5	2011	09	01	0840	anytime A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	09	01	0842	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	01	1030	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	01	1032	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	01	1036	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	01	1226	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	01	1228	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	01	1234	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	01	1602	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	01	1604	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	01	1704	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	01	1706	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	01	1802	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	01	1804	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	01	2208	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	02	0840	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	02	0842	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	02	1030	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	02	1032	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	02	1040	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	02	1230	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	02	1232	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	02	1234	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	09	02	1602	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	02	1604	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	02	1702	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	02	1802	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	02	2208	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	03	0840	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	03	0842	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	03	1030	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	03	1032	A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039	0.5	2011	09	03	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	03	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	03	1246	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	03	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	03	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	03	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	03	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	03	1806	anytime A1A	15	RUS	M--signal	Beacon	PM97 JARL	Magadan
7039	0.5	2011	09	03	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	04	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	04	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	04	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	04	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	04	1036	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	04	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	04	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	04	1244	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	04	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	04	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	04	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	04	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	04	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	04	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	04	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	05	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	05	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	05	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	05	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	05	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	05	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	05	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	05	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	05	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	05	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	05	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	06	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	06	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	06	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	06	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	06	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	06	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	06	1248	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	06	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	06	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	06	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	09	06	1706	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	06	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	06	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	06	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	06	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	0330	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	0850	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	0852	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	07	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	1042	A1A	321	non	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	07	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	07	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	07	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	07	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	07	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	07	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	08	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	08	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	08	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	08	1702	A1A	15	RUS	M--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	08	1704	A1A	321	RUS	F--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	08	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	08	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	08	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	09	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	09	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	09	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	09	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	09	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	09	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	09	1222	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	09	1602	anytime	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	09	09	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	09	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	09	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	10	0320	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	09	10	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	10	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	10	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	10	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	10	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	10	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	10	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	10	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	10	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	10	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	11	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	11	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	11	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	11	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	11	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	11	1808	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	11	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	12	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	12	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	12	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	12	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	12	1246	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	12	1248	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	12	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	12	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	12	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	12	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	12	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	13	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	13	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	13	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	13	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	13	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	13	1220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	13	1222	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	13	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	13	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	13	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	09	13	2206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	13	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	14	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	14	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	14	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	14	1046	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	14	1048	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	14	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	14	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	14	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	14	1604	A1A	15	RUS	M--signal	white noise	JARL	Magadan
7039	0.5	2011	09	14	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	14	1706	A1A	37	RUS	K--signal	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	Kamchatskiy
7039	0.5	2011	09	14	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	14	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	14	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	15	0320	A1A	321	RUS	F--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	0324	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	15	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	15	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	15	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	15	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	15	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	1804	anytime A1A	37	RUS	K--signal	Beacon	PM97	Kamchatskiy
7039	0.5	2011	09	15	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	15	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	15	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	16	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	16	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	16	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	16	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	16	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	16	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	16	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	16	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	16	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	16	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	16	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	16	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy

7039	0.5	2011	09	16	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	16	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	17	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	1036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	17	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	17	1246	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	17	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	17	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	1608	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	17	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	17	1706	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	17	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	17	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	17	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	18	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	18	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	18	1030	anytime A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	09	18	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	18	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	18	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	18	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	18	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	18	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	18	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	18	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	18	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	09	18	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	18	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	18	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	19	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	19	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	19	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	19	1222	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	09	19	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	09	19	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	

7039	0.5	2011	09	19	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	19	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	19	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	19	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	1030	anytime A1A	15	RUS	M--signal	Beacon	PM97 JARL	Magadan
7039	0.5	2011	09	20	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	1246	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	20	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	20	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	20	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	20	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	1220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	1222	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	21	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	21	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	22	0346	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	22	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	22	1036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	22	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	09	22	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	22	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	1702	anytime A1A	37	RUS	K--signal	Beacon	PM97 JARL	Kamchatskiy
7039	0.5	2011	09	22	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	22	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	22	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	22	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	1244	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	1246	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	1712	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	23	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	23	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	23	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	0908	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	0910	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	24	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	1606	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	24	1808	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	24	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	24	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	25	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	25	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	25	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	09	25	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	25	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	25	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	25	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	25	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	25	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	26	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	26	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	26	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	26	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	26	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	26	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	26	1246	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	26	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	26	1606	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	26	1608	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	26	1704	A1A	15	RUS	M--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	26	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	26	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	26	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	0332	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	0850	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	0852	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	1046	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	27	1236	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	1238	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	1244	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	09	27	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	27	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	27	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	28	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	28	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	09	28	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	09	28	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	09	28	1040		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	28	1042		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	28	1238		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	28	1240		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	28	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	28	1702		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	28	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	28	2210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	0334		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	0850		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	29	0852		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	1042		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	1044		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	09	29	1250		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	1252		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	29	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	29	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	1702		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	1704		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	29	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	29	2208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	29	2210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	0340		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	0850		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	0852		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	1046		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	1048		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	1230		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	1232		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	1702		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	1704		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	09	30	1806		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	2210		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	09	30	2212		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.01	0.5	2011	09	02		05:04	A1A				train of " F "		JARL	
7039.08	0.5	2011	09	06		02:51	A1A				train of " M "		JARL	
7039.08	0.5	2011	09	06		02:51	A1A				train of "F"		JARL	
7039.2		2011	9	1	1000		A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	9	1	0955		A1A		RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	9	17	<0902>	0902	A1A		RUS	K	Petropavlovsk - Beacon K Call sign RCC S8	RF73MF	NZART	ZL1GWE

7039.3		2011	9	DY	<0530>	0330-2200	A1A		RUS	K	Petropavlovsk - Beacon K Call sign RCC	RF72LQ	NZART	ZL1BAD
7039.4		2011	9	1	0955		A1A		RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.4		2011	9	17	<0502>	0902-0330-2200	A1A		RUS	M	Magadan - Beacon M Call sign RTS S8	RF73MF	NZART	ZL1GWE
7039.4		2011	9	DY	<0530>		A1A		RUS	M	Magadan - Beacon M Call sign RTS	RF72LQ	NZART	ZL1BAD
7039.46	0.5	2011	09	02		04:58	A1A				train of " P "		JARL	
7039.73	0.5	2011	09	02		04:59	A1A				train of " K "		JARL	
7039.73	0.5	2011	09	02		04:59	A1A				train of " M "		JARL	
7039.78	0.5	2011	09	08		06:31	A1A				train of " F "		JARL	
7039.78	0.5	2011	09	08		06:32	A1A				train of " M "		JARL	
7039.9		2011	9	DY	<0530>	0330-2200	A1A		RUS	S	Severomorsk - Beacon S Call sign RIT	RF72LQ	NZART	ZL1BAD
7040	0.5	2011	09	09		06:08	A1A				train of "M","F"		JARL	
7040	0.5	2011	09	12		06:19	A1A				train of "M","F"		JARL	
7040	0.5	2011	09	13		06:14	A1A				train of "M","F"		JARL	
7040	0.5	2011	09	14		06:51	A1A				train of "M","F"		JARL	
7040	0.5	2011	09	21		05:40	A1A				train of "M","F","D"		JARL	
7040	0.5	2011	09	27		06:14	A1A				train of "K","M"		JARL	
7041.7	1	2011	9	8	1910		A1A		RU	L	ODD WARBLE ON NOTE	QG52xi	WIA	
7042	3	2011	09	07	1708		F1B	non	non	non	IDL only		JARL	non
7053	34	2011	09	29	1810		P0N	non	non	non	7036KHz ~ 7070KHz wide pulse mode P0N OTHR ? Idle only - Russian Air Force. RAE4 PROBABLY - NOT CONFIRMED		JARL	non
7054		2011	9	18	<0445>	0445	F1B		RUS	Unid	Idle only - Russian Air Force. RAE4 PROBABLY - NOT CONFIRMED	RF72LQ	NZART	ZL1BAD
7054		2011	9	22	<1854>	1854	F1B		RUS	Unid	Idle only - Russian Air Force. RAE4 PROBABLY - NOT CONFIRMED	RF72LQ	NZART	ZL1BAD
7054		2011	9	23	<0440>	0440	F1B		RUS	Unid	CONFIRMED	RF72LQ	NZART	ZL1BAD
7056.2	8	2011	9	6	2000		A3A		AUS		ABC VICTORIA NEWSCAST	QG52xi	WIA	
7056.5	8	2011	9	8	1910		A3A		AUS		ABC VICTORIA NEWSCAST 8 channel (System usually only used by Russian Military)	QG52xi	WIA	
7070		2011	9	22	<1855>	1855	F7D		RUS	Unid		RF72LQ	NZART	ZL1BAD
7071	34	2011	09	12	1606		A1A	non	non	non	7054KHz ~ 7088KHz wide pulse mode P0N OTHR ?		JARL	non
7077	34	2011	09	06	1808	anytime	P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7077	34	2011	09	08	1706		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7077	34	2011	09	08	1808		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7077	34	2011	09	23	1706		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non

7079.0	4	2011	9	7	0845	G7D				8 SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA	
7080.0	30	2011	9	6	2010	VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7080	30	2011	9	08	<1955>	1955	VXX		?	Unid	3.5 PPS CODAR	RF72LQ	NZART ZL1BAD
7080	3	2011	09	25	1036	JM		non	non	non	white noise		JARL non
7080	3	2011	09	25	1244	JM		non	non	non	white noise		JARL non
7080	3	2011	09	25	1606	JM		non	non	non	white noise		JARL non
7080	3	2011	09	25	1708	JM		non	non	non	white noise		JARL non
7080	3	2011	09	25	1808	JM		non	non	non	white noise		JARL non
7081.5	1	2011	9	26	2000	G1D						QG52xi	WIA
7083	34	2011	09	10	1708	A1A		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL non
7083	34	2011	09	10	1804	A1A		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL non
7083	34	2011	09	14	1810	P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR		JARL non
7083	34	2011	09	24	0914	P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL non
7085	3	2011	09	28	1046	F1B		non	non	non	now on air		JARL non
7088.0	1	2011	9	23	1935	F1B	HIGH	200			NO DECODES	QG52xi	WIA
7090.0	30	2011	9	8	1910	VXX					CODAR, SWEEPS 30 KHZ	QG52xi	WIA
7095	3	2011	09	30	1608	JM		non	non	non	white noise		JARL non
7095	3	2011	09	30	1706	JM		non	non	non	white noise		JARL non
7095	3	2011	09	30	1808	JM		non	non	non	white noise		JARL non
7105.0	6	2011	9	8	2200	A3E			TWN		SOUND OF HOPE	QG52xi	WIA
7105	5	2011	09	01	2202	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	3	2011	09	01	2204	A3E		non	CHN	non	Chinese Talk and Music		JARL non
7105	5	2011	09	02	2202	A1A		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	3	2011	09	02	2204	A1A		non	CHN	non	Chinese Talk and Music		JARL non
7105	5	2011	09	03	2204	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	3	2011	09	03	2206	A3E		non	CHN	non	Chinese Talk and Music		JARL non
7105	5	2011	09	04	2204	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	3	2011	09	04	2206	A3E		non	CHN	non	Chinese Talk and Music		JARL non
7105	5	2011	09	05	2202	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	3	2011	09	05	2204	A3E		non	CHN	non	Chinese Talk and Music		JARL non
7105	5	2011	09	06	2202	A3E		273	RUS	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	3	2011	09	06	2204	A3E		non	RUS	non	Chinese Talk and Music		JARL non
7105	5	2011	09	07	2204	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot
7105	5	2011	09	08	2202	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL Hohhot

7105	3	2011	09	08	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	3	2011	09	08	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	09	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	09	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	10	2202		A3E	273	CHN	PBS Nei Meng	Beacon	JARL	Hohhot	
7105	3	2011	09	10	2204		A3E	non	CHN	non	Beacon	JARL	non	
7105	5	2011	09	11	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	11	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	12	2204	anytime	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2011	09	12	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	13	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	13	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	14	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	14	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	15	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	15	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	16	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	16	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	17	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	17	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	18	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	18	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	19	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	19	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	20	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	20	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	21	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	21	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	22	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	22	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	23	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	23	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	24	2202		A1A	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	09	24	2204		A1A	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	09	25	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	

7105	3	2011	09	25	2204		A3E	non	CHN	Meng non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	09	26	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	09	26	2204	anytime	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	PM97 JARL	non
7105	5	2011	09	27	2206		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	09	27	2208		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	09	28	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	09	28	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	09	29	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	09	29	2204		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non
7105	5	2011	09	30	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	09	30	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7111.0		2011											
7111.0		2011											
7111.0		2011	9	17	1305		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi WIA	
7113	34	2011	09	15	1606		P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non
7116.5	1	2011	9	17	2130		G1D				DAILY	QG52xi WIA	
7117.0	5	2011	9	2	1005		G7D				>10 SUBCARRIERS ON 200 HZ SPACING	QG52xi WIA	
7117		2011	9	17	<2030>	2030	F1B	50	1000	RUS	REA4	RF72LQ	NZART ZL1BAD
7117		2011	9	22	<1855>	1855	F1B	50	1000	RUS	REA4	RF72LQ	NZART ZL1BAD
7117.5	1	2011	9	17	2130		G1D				DAILY	QG52xi WIA	
7118	3	2011	09	15	1706		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	15	1810		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	16	1608		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	16	1706		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	16	1810		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	17	1810		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	18	1608		F1B	non	non	non	Beacon	JARL	non
7118	3	2011	09	18	1712		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	18	1808		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	19	1608		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	19	1706		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	19	1806		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	20	1608		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	20	1706		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	20	1808		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	21	1608		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	21	1706		F1B	non	non	non	IDL only	JARL	non
7118	3	2011	09	21	1808		F1B	non	non	non	IDL only	JARL	non

7118	3	2011	09	22	1608		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	22	1706		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	22	1812		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	23	1606		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	23	1708		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	23	1810		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	24	1610		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	24	1706	anytime	F1B	non	non	non	IDL only	PM97	JARL	non
7118	3	2011	09	24	1810		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	25	1608		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	25	1710		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	25	1810		A1A	non	non	non	IDL only	JARL	non	
7118	2	2011	09	26	1706		F1B	non	non	non	IDL only	JARL	non	
7118	2	2011	09	26	1808		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	27	1608		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	27	1708		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	27	1810		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	28	1606		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	28	1706		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	28	1808		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	29	1606		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	29	1706		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	29	1808		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	30	1610		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	30	1708		F1B	non	non	non	IDL only	JARL	non	
7118	3	2011	09	30	1810		F1B	non	non	non	IDL only	JARL	non	
7119	3	2011	09	17	1708		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	17	1806		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	18	1246		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	18	1708		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	19	1046		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	19	1226		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	19	1610		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	19	1708		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	19	1808		JM	non	non	non	white noise	JARL	non	
7119	3	2011	09	26	1612		JM	non	non	non	white noise	JARL	non	
7119	34	2011	09	29	1048		P0N	non	non	non	7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?	JARL	non	
7120	5	2011	9	19	<0910>	0910	A3E		?	Unid	Jammer Weak B-B with Phase Mod.	RF72LQ	NZART	ZL1BAD
7120	5	2011	9	20	<0800>	0800	A3E		?	Unid	Jammer Weak B-B with Phase Mod.	RF72LQ	NZART	ZL1BAD
7125.0	6	2011	9	6	2005		A3E		GUI		RADIO CONAKRY	QG52xi	WIA	
7125		2011	9	DY	<0435>	0435-0700	A3E		GUI	Radio Conakry	B-C Stn Radio Conakry	RF72LQ	NZART	ZL1BAD
7125		2011	9	DY	<1910>	1910-	A3E		GUI	Radio	B-C Stn.Radio Conakry	RF72LQ	NZART	ZL1BAD

										2035				Conakry Radio Conakry	B-C Stn Radio Conakry R5 S4			
7125		2011	9	02	<0650>	0650	A3E		GUI							RE68XL	NZART	ZL2TZE
7130	3.3	2011	9	23	<0440>	0440	M7B		?	Unid						RF72LQ	NZART	ZL1BAD
7130		2011	9	14	<0855>	0855	M7B		?	Unid						RE68XL	NZART	ZL2TZE
7131.0	5	2011	9	8	1905		G7D									QG52xi	WIA	
7132	3.3	2011	9	08	<1950>	1950	M7B		?	Unid						RF72LQ	NZART	ZL1BAD
7132	3.3	2011	9	18	<0445>	0445	M7B		?	Unid						RF72LQ	NZART	ZL1BAD
7132	3.3	2011	9	24	<0430>	0430	M7B		?	Unid						RF72LQ	NZART	ZL1BAD
7134.0	3	2011	9	1	1015		F1B	HIGH								QG52xi	WIA	
7136	34	2011	09	01	1230		P0N		non	non	non						JARL	non
7137	34	2011	09	01	1710		P0N		non	non	non						JARL	non
7137	34	2011	09	01	1806		P0N		non	non	non						JARL	non
7137	34	2011	09	06	1606		P0N		non	non	non						JARL	non
7137	34	2011	09	13	1044		P0N		non	non	non						JARL	non
7137	34	2011	09	24	1236		P0N		non	non	non						JARL	non
7143	34	2011	09	05	1704		P0N		non	non	non						JARL	non
7143	34	2011	09	07	1246		P0N		non	non	non						JARL	non
7143	34	2011	09	12	1250		P0N		non	non	non						JARL	non
7143	34	2011	09	13	1604		P0N		non	non	non						JARL	non
7143	34	2011	09	23	1250		P0N		non	non	non						JARL	non
7148.2	8	2011	9	8	1900		A3A			AUS						QG52xi	WIA	
7149	34	2011	09	22	1814		P0N		non	non	non						JARL	non
7149	34	2011	09	29	1610		P0N		non	non	non						JARL	non
7149	34	2011	09	29	1708		P0N		non	non	non						JARL	non
7150.0	8	2011	9	6	2000		A3A			AUS						QG52xi	WIA	
7150		2011	9	11	<0550>	0550	F7D		?	Unid						RF72LQ	NZART	ZL1BAD

7150	30	2011	9	22	<1855>	1855	VXX		?	Unid	CODAR 3.5 PPS	RF72LQ	NZART	ZL1BAD
7151.5	1	2011	9	26	1955		F1B					QG52xi	WIA	
7155	3	2011	09	05	1044		F1B	non	non	non	now on air		JARL	non
7155	34	2011	09	23	1610		P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?		JARL	non
7167	34	2011	09	30	1236		P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?		JARL	non
7169.7	8	2011	9	6	2000		A3A		AUS		RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7170.0	6	2011	9	6	2005		A3E		ERI		VOICE OF THE BROAD MASSES	QG52xi	WIA	
7170.0	30	2011	9	2	1010		VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7173	34	2011	09	08	1246		P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?		JARL	non
7173	34	2011	09	08	1606		P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?		JARL	non
7173.6	3	2011	9	8	0945		J3E/U				ASIAN	QG52xi	WIA	
7175	3.3	2011	9	18	<0445>	0445	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7175	3.3	2011	9	20	<0800>	0800	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7175	3.3	2011	9	23	<0435>	0435	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7177.0	5	2011	9	1	0950		G7D				PILOT TONE 7177.25, BROAD PSK ABOVE	QG52xi	WIA	
7177	3	2011	09	27	1050		JM	non	non	non	white noise		JARL	non
7177	3	2011	09	27	1240		JM	non	non	non	white noise		JARL	non
7179	34	2011	09	02	1034		P0N	non	non	non	7162KHz ~ 7196KHz wide pulse mode P0N OTHR ?		JARL	non
7179	34	2011	09	02	1236		P0N	non	non	non	7162KHz ~ 7196KHz wide pulse mode P0N OTHR ?		JARL	non
7180	6	2011	09	06		02:55	A3E				Broadcasting(Arabian?music)		JARL	
7185.0	6	2011	9	6	2000		A3E					QG52xi	WIA	
7185	5	2011	09	02	<1215>		A3E		UNID	UNID	Some broadcast from Asian country	NL06	ARSI	
7190.0	6	2011	9	20	2005		A3E				HUMMY, UNSTABLE	QG52xi	WIA	
7190.0	6	2011	9	4	1210		A3E				CARRIER	QG52xi	WIA	
7190	5	2011	09	25	<0215-0220>		A3E		CLN	SLBC	SW BROADCAST	QG52xi	WIA	
7192	2	2011	09	02	<1216>		A3E		UNID	UNID	SLBC BROADCASTING IN HINDI WITH FILM SONGS	MK82	ARSI	
7200.0	6	2011	9	6	2000		A3E		SDN		Some broadcast from Asian country	NL06	ARSI	
7201		2011	9	19	<0900>	0900	A3E		?	Unid	SW BROADCAST	QG52xi	WIA	
10101.0		2011	09	07	<0250-0300>		J3E/U		CLN	UNID	BC Stn Barn door?	RE68XL	NZART	ZL2TZE
14000.0	6	2011	9	6	0810		G1D				SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14000.0	3	2011	9	4	0940		J3E/U				DAILY, WIDE PSK	QG52xi	WIA	
											DAILY, ASIAN	QG52xi	WIA	

14000	3	2011	9	7	22:45-- 00:08	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	16	<07:30-- 07:47	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	9	17	<23:30-- 23:36	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	9	18	<22:47-- 23:16	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	21	<07:35-- 07:50	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	21	22:45-- 01:05	J3E/U	360	INS	Group of males	OF84wx	WIA
14000	3	2011	9	22	<22:45-- 23:10	J3E/U	360	INS	Group of males	OF84wx	WIA
14000	3	2011	9	23	06:12-- 10:20	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	23	<22:45-- 00:05	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	24	<09:00-- 09:35	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	24	<22:45-- 23:55	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	25	<07:35-- 08:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	25	08:20-- 09:00>	J3E/U	315	CLN	Group of males, same as previous group , playing music and singing	OF84wx	WIA
14000	3	2011	9	25	23:15-- 00:00	J3E/U	360	INS	Group of males	OF84wx	WIA
14000	3	2011	9	26	07:07-- 07:20	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	26	08:27-- 09:03	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	9	26	22:57-- 23:35	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	9	27	08:18-- 08:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	9	27	23:30-- 23:55	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	9	28	07:32-- 08:20	J3E/U	315	CLN	1 male calling, several others on frequency, but not responding to him	OF84wx	WIA
14000.1	3	2011	9	8	0925	J3E/L			ASIAN, SOUNDS TAGALOG	QG52xi	WIA
14008.2	3	2011	9	29	0900	J3E/U			ASIAN	QG52xi	WIA
14009.0	3	2011	9	5	0920	J3E/U			DAILY, ASIAN	QG52xi	WIA

14011.0	5	2011	9	1	0940	G7D				PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA
14013.0	5	2011	9	3	0755	G7D				PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA
14013.9	3	2011	9	1	0940	J3E/U				ASIAN	QG52xi	WIA
14015	3	2011	9	17	<08:45-- 09:00	J3E/L	360	CHN		Male-female	OF84wx	WIA
14015.8		2011	09	23	<0210-0220>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14018.0	5	2011	9	6	0800	G7D				PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA
14019.8		2011	09	07	<0310-0315>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14020.0	20	2011	9	9	0525	P0N				OTHR	QG52xi	WIA
14023.8	3	2011	9	10	23:15-- 23:43	J3E/U	315	CLN		Group of males	OF84wx	WIA
14024.0	3	2011	9	10	2205	J3E/U				ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA
14025.0	3	2011	9	27	0950	J1C					QG52xi	WIA
14025	3	2011	9	1	23:00-- 23:45	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	9	2	23:03-- 00:12	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	9	3	<23:00-- 00:02	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	9	4	22:55-- 00:05	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	9	5	22:50-- 23:15	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	9	7	22:50-- 23:55	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	9	16	23:05-- 00:15	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	9	18	23:20-- 00:25	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	9	19	23:00-- 00:25	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	9	20	23:06-- 00:02	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	9	21	23:04-- 23:44	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	9	27	22:55-- 23:03	J3E/U	315	CLN		2 males	OF84wx	WIA

14025	3	2011	9	28	22:45-- 23:00	J3E/U		315	CLN		Group of males	OF84wx	WIA		
14025		2011	09	17	<0110-0120>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14027.0	1	2011	9	26	0820	F1B					IDLING	QG52xi	WIA		
14028	3	2011	9	14	<08:25-- 08:49	J3E/U		315	CLN		2 males	OF84wx	WIA		
14028	3	2011	9	14	22:50-- 23:46	J3E/U		315	CLN		2 males	OF84wx	WIA		
14028	3	2011	9	15	08:00-- 08:50	J3E/U		315	CLN		Group of males	OF84wx	WIA		
14028	3	2011	9	15	22:45-- 00:16	J3E/U		315	CLN		Group of males	OF84wx	WIA		
14028	3	2011	9	16	08:00-- 08:20	J3E/U		315	CLN		2 males	OF84wx	WIA		
14029	3	2011	9	7	23:15-- 23:55	J3E/U		315	CLN		Group of males work from boats	OF84wx	WIA		
14029.4	3	2011	9	8	23:03-- 00:25	J3E/U		315	CLN		2 males	OF84wx	WIA		
14029.5	3	2011	9	8	2210	J3E/U					ASIAN	QG52xi	WIA		
14031.6	3	2011	9	5	0920	J3E/U					ASIAN	QG52xi	WIA		
14033.3	3	2011	9	9	<00:06-- 00:17	J3E/U		315	CLN		Group of males	OF84wx	WIA		
14037		2011	9	24	<0620>	F1B	240		?	Unid	Unable to get Baud speed or print ASIAN, FISHBOATS, ENGINE NOISE	RF72LQ	NZART	ZL1BAD	
14037.2	3	2011	9	8	0925	J3E/U						QG52xi	WIA		
14038.3	3	2011	9	5	0920	J3E/U					ASIAN	QG52xi	WIA		
14040	3	2011	9	7	23:00-- 23:10	J3E/U		315	CLN		2 males	OF84wx	WIA		
14040	3	2011	9	21	<22:50-- 23:40	J3E/L		315	CLN		Group of males	OF84wx	WIA		
14040	3	2011	9	28	07:50-- 08:16	J3E/U		360	INS		Group of males	OF84wx	WIA		
14040.5	3	2011	9	21	1025	J3E/L					ASIAN	QG52xi	WIA		
14043.4	3	2011	9	24	23:13-- 00:00	J3E/L		315	CLN		2 males	OF84wx	WIA		
14043.5	3	2011	9	22	<23:15-- 00:26	J3E/L		315	CLN		Group of males	OF84wx	WIA		
14043.5	3	2011	9	23	23:15-- 00:00	J3E/L		315	CLN		2 males	OF84wx	WIA		
14043.5	3	2011	9	25	22:50-- 00:00	J3E/L		315	CLN		2 males	OF84wx	WIA		
14043.5	3	2011	9	26	23:12-- 00:20	J3E/L		315	CLN		2 males	OF84wx	WIA		

14043.5	3	2011	9	28	23:10-- 00:00	J3E/L		315	CLN		Group of males	OF84wx	WIA	
14043.6	3	2011	9	1	<23:25-- 23:40	J3E/L		315	CLN		2 males	OF84wx	WIA	
14044.1		2011	09	12	<1635-1645>	J3E/U			CHN	UNID	TRAWLERS WITH CHINESE SPEAKING FISHERMEN 2 PSK CHANNELS 400 HZ APART	MK82	ARSI	
14046.0	1	2011	9	26	0820	G7D						QG52xi	WIA	
14046.0	3	2011	9	8	0920	J3E/U					ASIAN	QG52xi	WIA	
14046.2	3	2011	9	8	<08:00-- 08:32	J3E/U		315	CLN		2 males	OF84wx	WIA	
14048.0	3	2011	9	1	0715	J3E/U			PHL		DAILY, TAGALOG	QG52xi	WIA	
14048	3	2011	9	12	<07:22-- 07:41	J3E/U		360	INS		2 males	OF84wx	WIA	
14048	3	2011	9	17	<07:13-- 07:35	J3E/U		360	INS		Group of males	OF84wx	WIA	
14048	3	2011	9	23	00:10-- 00:26	J3E/U		360	INS		2 males	OF84wx	WIA	
14048	3	2011	9	23	<08:00-- 08:10	J3E/U		360	INS		Group of males	OF84wx	WIA	
14050.0	20	2011	9	1	0710	P0N					OTHR, BURSTS SPANISH OR PORTUGUESE	QG52xi	WIA	
14050.5	3	2011	9	7	2105	J3E/U					SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	
14051.4		2011	09	11	<1220-1230>	J3E/U			CLN	UNID		MK82	ARSI	
14051.8	3	2011	9	11	07:05-- 07:08	J3E/U		315	CLN		1 male, short calls, no reply	OF84wx	WIA	
14052.5	3	2011	9	4	0720	J3E/U					ASIAN	QG52xi	WIA	
14056.1	3	2011	9	5	0910	J3E/U					ASIAN	QG52xi	WIA	
14057.8	3	2011	9	20	<07:50-- 08:00	J3E/L		360	CHN		Male-female	OF84wx	WIA	
14058.0	3	2011	9	8	0750	J3E/L					ASIAN	QG52xi	WIA	
14058	3	2011	9	7	<08:07-- 08:15	J3E/L		360	CHN		Male-female	OF84wx	WIA	
14058	3	2011	9	8	<07:55-- 08:16	J3E/L		360	CHN		Male-female	OF84wx	WIA	
14058	3	2011	9	14	<08:10-- 08:24	J3E/L		360	CHN		Male-female	OF84wx	WIA	
14058		2011	9	02	<0750>	J3E/L	0750		?	Unid	Non-amateur net - unknown language	RF72LQ	NZART	ZL1BAD
14059.0	3	2011	9	28	0845	J3E/U					DAILY, ASIAN	QG52xi	WIA	
14060.0	30	2011	9	10	2210	P0N					OTHR, BURSTS	QG52xi	WIA	
14061.0	3	2011	9	27	1210	J3E/L					ASIAN	QG52xi	WIA	
14062.1	3	2011	9	5	0950	J3E/U			PHL		TAGALOG	QG52xi	WIA	

14063.2	3	2011	9	25	22:50-- 23:30		J3E/U		315	SLN		Group of males	OF84wx	WIA	
14063.3	3	2011	9	29	0850		J3E/U					ASIAN	QG52xi	WIA	
14064.5		2011	9	10	<0711>	0711- 0722	PXX			?	Unid	OTHR 50-53PPS 2 second bursts S9 FMCW 25 second gaps 2 sec. burst every 20 secs.	RF73MF	NZART	ZL1GWE
14065	30	2011	9	10	<0645>	0645	PXX			?	Unid	67 PPS	RF72LQ	NZART	ZL1BAD
14065.4	3	2011	9	1	<07:45-- 07:51		J3E/U		360			Male-female	OF84wx	WIA	
14066	3	2011	9	5	<23:40-- 23:55		J3E/L		315	CLN		Group of males	OF84wx	WIA	VK6XW
14068	3	2011	9	17	23:30-- 00:45		J3E/U		315	CLN		2 males	OF84wx	WIA	
14068	3	2011	9	18	23:02-- 23:20		J3E/U		315	CLN		2 males	OF84wx	WIA	
14068	3	2011	9	19	<08:30-- 09:00		J3E/U		315	CLN		2 males	OF84wx	WIA	
14068	3	2011	9	19	22:45-- 00:25		J3E/U		315	CLN		Group of males	OF84wx	WIA	
14069	3	2011	9	24	22:50-- 22:55		J3E/U		315	CLN		Group of males	OF84wx	WIA	
14069.2	3	2011	9	24	2250		J3E/U					ASIAN	QG52xi	WIA	
14070.0	50	2011	9	8	2305		P0N					OTHR	QG52xi	WIA	
14071.0	3	2011	9	29	0710		J3E/U					ASIAN	QG52xi	WIA	
14077.5	3	2011	9	15	23:00-- 23:30		J3E/U		315	CLN		2 males	OF84wx	WIA	
14080.0	5	2011	9	8	0800		G7D					PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	
14100.7	3	2011	9	27	<22:55-- 23:00		J3E/L		315	CLN		2 males	OF84wx	WIA	
14101.8	3	2011	9	3	07:54-- 08:22		J3E/L		360	INS		Male-female	OF84wx	WIA	
14101.9	3	2011	9	3	0755		J3E/L					DAILY, ASIAN. FISHBOAT, ENGINE NOISE	QG52xi	WIA	
14102	3	2011	9	12	07:46-- 08:02		J3E/U		360	INS		Male-female	OF84wx	WIA	
14102		2011	9	08	<0630>	0630- 0650	F7D			?	Unid	8 channel - idling	RF72LQ	NZART	ZL1BAD
14102.1	3	2011	9	7	0810		J3E/U					ASIAN	QG52xi	WIA	
14102.5	3	2011	9	12	<07:20-- 07:26		J3E/U		360	INS		2 males	OF84wx	WIA	
14111.1	3	2011	9	1	0940		J3E/U					DAILY, ASIAN	QG52xi	WIA	
14111.9	3	2011	9	3	2150		J3E/L					DAILY, ASIAN	QG52xi	WIA	
14112.0	3	2011	9	5	1210		J3E/U			PHL		TAGALOG	QG52xi	WIA	

14114	3	2011	9	14	23:00-- 23:15	J3E/U		315	CLN		2 males	OF84wx	WIA	
14115.0	10	2011	9	3	2150	P0N					PULSES	QG52xi	WIA	
14116.9	3	2011	9	19	<02:40-- 02:54	J3E/U		360	INS		1 female talking, listening to other freq., QRM to Travnet	OF84wx	WIA	
14122.0	5	2011	9	5	0920	G7D					SUBCARRIERS EVERY 200 HZ. SUB-SUBCARRIERS EVERY 50 HZ OR SO	QG52xi	WIA	
14123.2	3	2011	9	29	0935	J3E/U					ASIAN	QG52xi	WIA	
14126.0	3	2011	9	5	0730	G7D					2 HEAVILY PSK'D SUBCARRIERS 700 HZ APART. BURSTS	QG52xi	WIA	
14137.1	3	2011	9	1	0940	J3E/L					ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14139.7	3	2011	9	7	0815	J3E/U					ASIAN	QG52xi	WIA	
14153.3	3	2011	9	1	0940	J3E/L					ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14170.0	3	2011	9	5	0925	J3E/L					ASIAN, FAMILY NET	QG52xi	WIA	
14183		2011	9	14	<0350>	0645	PXX		?	Unid	ANZA DX net OTHR R3 S3	RE68XL	NZART	ZL2TZE
14183		2011	9	19	<0741>	0741	PXX		?	Unid	ANZA DX Net OTHR R5 S7	RE68XL	NZART	ZL2TZE
14190	30	2011	9	15	<2325>	2325- 2359	PXX		?	Unid	4 Sec buirst every 30 secs	RF72LQ	NZART	ZL1BAD
14190	30	2011	9	16	<0001>	0001- 0430	PXX		?	Unid	4 Sec buirst every 30 secs	RF72LQ	NZART	ZL1BAD
14190	3.3	2011	9	24	<0650>	0650	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14192		2011	9	08	<2000>	2000	F1B	200	?	Unid	Encrypted	RF72LQ	NZART	ZL1BAD
14192		2011	9	15	<0450>	0450	F1B	500	?	Unid	Idle sigs	RF72LQ	NZART	ZL1BAD
14192		2011	9	16	<0455>	0455	F1B	500	?	Unid	Idle sigs	RF72LQ	NZART	ZL1BAD
14192		2011	9	23	<0445>	0445	F1B	1000	?	Unid	Idle sigs	RF72LQ	NZART	ZL1BAD
14193.4	3	2011	9	1	0950	J3E/L					ASIAN, FAMILY NET	QG52xi	WIA	
14232.2	3	2011	9	5	0730	J3E/U					ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14238.7	3	2011	9	8	0915	J3E/U					ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14242.2	3	2011	9	1	0945	J3E/L					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
14250.0	3	2011	9	8	0910	J3E/U					ASIAN	QG52xi	WIA	
14250.0	6	2011	9	1	0945	A3E			KRE		DAILY, SW BROADCAST B-C Stn. 5th Harmonic of 2850 KHz	QG52xi	WIA	
14250		2011	9	DY	<0700>	0700- 2055	A3E		DPRK	R.Pyongyang		RF72LQ	NZART	ZL1BAD
14253.8	3	2011	9	1	0945	J3E/U					DAILY, ASIAN	QG52xi	WIA	
14256.8	3	2011	9	10	0655	J3E/L					ASIAN, FAMILY NET	QG52xi	WIA	
14270.0	20	2011	9	8	2220	P0N					OTHR	QG52xi	WIA	
14277.7	3	2011	9	2	00:25-- 00:26	J3E/U		360	INS		1 male calling, reply person totally distorted	OF84wx	WIA	
14277.7	3	2011	9	4	01:12-- 01:16	J3E/U		360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	9	5	00:53-- 00:55	J3E/U		360	INS		Male-female, no messages yet	OF84wx	WIA	
14277.7	3	2011	9	5	01:02-- 01:10	J3E/U		360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA	

14277.7	3	2011	9	5	01:22-- 01:23	J3E/U	360	INS	2 males, short message	OF84wx	WIA
14277.7	3	2011	9	6	01:15-- 01:17	J3E/U	360	INS	2 females, no messages yet	OF84wx	WIA
14277.7	3	2011	9	6	03:14-- 03:15	J3E/U	360	INS	Male-female no messages	OF84wx	WIA
14277.7	3	2011	9	7	01:20-- 01:27	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	7	01:29-- 01:31	J3E/U	360	INS	Male-female, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	7	01:38-- 01:40	J3E/U	360	INS	Male-female, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	7	01:45-- 01:51	J3E/U	360	INS	Male-female, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	8	01:27-- 01:28	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	9	9	01:02-- 01:04	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	11	00:43-- 00:49	J3E/U	360	INS	2 males pass coded messages. (weather info)	OF84wx	WIA
14277.7	3	2011	9	12	01:41-- 01:46	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	13	00:58-- 00:59	J3E/U	360	INS	1 female calling no reply	OF84wx	WIA
14277.7	3	2011	9	15	01:04-- 01:14	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	17	01:08-- 01:09	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	9	18	01:02-- 01:04	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	21	00:40-- 00:43	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	9	22	00:46-- 00:56	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	25	01:10-- 01:15	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	9	26	02:52-- 02:53	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA
14293.5	3	2011	9	29	0950	J3E/U			ASIAN	QG52xi	WIA
14310	3	2011	9	2	<08:50-- 09:15	J3E/L	360	CHN	Male-female	OF84wx	WIA
14321.6	3	2011	9	8	0900	J3E/L			ASIAN	QG52xi	WIA
14323.0	3	2011	9	1	0945	J3E/U			ASIAN, ENGINE NOISE	QG52xi	WIA
14338.7	3	2011	9	8	0800	J3E/U			ASIAN, ENGINE NOISE	QG52xi	WIA
21000.0	40	2011	9	13	0745	P0N			OTHR	QG52xi	WIA

21001.5	3	2011	9	24	0530	J3E/U					ASIAN	QG52xi	WIA						
21001.5	1	2011	9	1	0740	F1B	100	150		RUS		QG52xi	WIA						
21021.5	3	2011	9	3	0750	J3E/L					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA						
21022.7	3	2011	9	5	0750	J3E/U					DAILY, SOUNDS RUSSIAN	QG52xi	WIA						
21038.2	6	2011	9	8	0805	J3E/U					ASIAN	QG52xi	WIA						
21050.0	6	2011	9	2	2240	A3E					ASIAN	QG52xi	WIA						
21057.0		2011	9	17	0800	A1A					NUMBER CIPHER	QG52xi	WIA						
21069.0	3	2011	9	3	0750	J3E/U					ASIAN	QG52xi	WIA						
21095.0	20	2011	9	26	0925	P0N					OTHR, SLOW, CONSTANT PULSE RATE	QG52xi	WIA						
21111.1	3	2011	9	4	0050	J3E/U					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA						
21200.0	10	2011	9	26	0925	P0N					OTHR, SLOW, MACHINE GUN PULSE RATE	QG52xi	WIA						
21336		2011	9	03	<0456>	0456- 0527	PXX			?	Unid	OTHR 46 PPS S9 OTHR 42 PPS. 4 secs. Every 6 secs	RF73MF	NZART	ZL1GWE				
21380	15	2011	9	23	<0450>	0450	PXX			?	Unid		RF72LQ	NZART	ZL1BAD				
21440.0	20	2011	9	1	0920	P0N						OTHR, CONTINUOUS	QG52xi	WIA					
24890.0	40	2011	9	7	0830	P0N						OTHR, RELATIVELY SLOW PULSE RATE	QG52xi	WIA					
24890.0	6	2011	9	1	0800	A3E						ASIAN	QG52xi	WIA					
24900.0	6	2011	9	1	0800	A3E						ASIAN	QG52xi	WIA					
24905.0	6	2011	9	24	2350	A3E						ASIAN	QG52xi	WIA					
24912.5	6	2011	9	4	0055	A3E						ASIAN	QG52xi	WIA					
24925.0	6	2011	9	18	0125	A3E						ASIAN	QG52xi	WIA					
24945.0	6	2011	9	4	0100	A3E						DAILY, ASIAN	QG52xi	WIA					
24975.0	6	2011	9	25	0050	A3E						ASIAN	QG52xi	WIA					
28000.0	6	2011	9	4	0110	A3E						ASIAN	QG52xi	WIA					
28002		2011	9	10	<0441>	0441	F3E			CHN	Unid	Non Amateurs - are these legal?	RF73MF	NZART	ZL1GWE				
28004		2011	9	08	<2303>	2303	A3E			CHN	Unid	Non Amateurs S1 QSB	RF73MF	NZART	ZL1GWE				
28005.0	6	2011	9	4	0135	A3E						DAILY, ASIAN	QG52xi	WIA					
28015.0	6	2011	9	4	0205	A3E						DAILY, ASIAN	QG52xi	WIA					
28025.0	6	2011	9	4	0110	A3E						DAILY, ASIAN	QG52xi	WIA					
28032.5	6	2011	9	8	2345	A3E						DAILY, ASIAN	QG52xi	WIA					
28034.8		2011	09	17	<1600-1610>	J3E/U				CHN	UNID	CHINESE SPEAKING NON AMATEURS	MK82	ARSI					
28035.0	6	2011	9	4	0135	A3E						DAILY, ASIAN	QG52xi	WIA					
28047		2011	9	08	<2303>	2303	F3E			CHN	Unid	Non Amateurs S9	RF73MF	NZART	ZL1GWE				
28050.0	6	2011	9	4	0135	A3E						ASIAN	QG52xi	WIA					
28052.7		2011	9	25	2305	A1A					4LDO	DRIFTNET BEACON	QG52xi	WIA					
28055.0	6	2011	9	4	0110	A3E						ASIAN	QG52xi	WIA					
28060.0	6	2011	9	25	0025	A3E						ASIAN	QG52xi	WIA					
28062.5	6	2011	9	25	0045	A3E						ASIAN	QG52xi	WIA					
28065.0	6	2011	9	4	0135	A3E						DAILY, ASIAN	QG52xi	WIA					

28075.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28080		2011	9	10	<0442>	0442	F3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28085.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28095.0	6	2011	9	8	2350		A3E			DAILY, ASIAN	QG52xi	WIA	
28095		2011	9	10	<0443>	0443	A3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28100.0	6	2011	9	4	0110		A3E			ASIAN	QG52xi	WIA	
28105.0	6	2011	9	4	0135		A3E			DAILY, ASIAN	QG52xi	WIA	
28112.5	6	2011	9	10	0155		A3E			DAILY, ASIAN	QG52xi	WIA	
28115.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28125.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28135.0	6	2011	9	4	0135		A3E			DAILY, ASIAN	QG52xi	WIA	
28145.0	6	2011	9	4	0205		A3E			DAILY, ASIAN	QG52xi	WIA	
28150.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28155.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28162.5	6	2011	9	10	0150		F3E			ASIAN	QG52xi	WIA	
28165.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28173		2011	9	10	<0444>	0444	A3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28175.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28185.0	6	2011	9	4	0110		A3E			ASIAN	QG52xi	WIA	
28187.5	6	2011	9	9	2155		A3E			ASIAN	QG52xi	WIA	
28195.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28200.0	6	2011	9	4	0110		A3E			ASIAN	QG52xi	WIA	
28205.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28215.0	6	2011	9	4	0135		A3E			ASIAN	QG52xi	WIA	
28225.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28228		2011	9	10	<0456z	0456	A3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28235.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28245.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28250.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28255.0	6	2011	9	8	2340		A3E			DAILY, ASIAN	QG52xi	WIA	
28262.5	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28265.0	6	2011	9	8	2335		A3E			DAILY, ASIAN	QG52xi	WIA	
28275.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28280.0	6	2011	9	9	2155		A3E			ASIAN	QG52xi	WIA	
28285.0	6	2011	9	4	0110		A3E			DAILY, ASIAN	QG52xi	WIA	
28295.0	6	2011	9	8	2335		A3E			DAILY, ASIAN	QG52xi	WIA	
28300.0	6	2011	9	4	0200		A3E			DAILY, ASIAN	QG52xi	WIA	
28305.0	6	2011	9	4	0130		A3E			ASIAN	QG52xi	WIA	
28315.0	6	2011	9	4	0130		A3E			DAILY, ASIAN	QG52xi	WIA	
28325.0	6	2011	9	4	0110		A3E			ASIAN	QG52xi	WIA	
28332		2011	9	10	<0444>	0444	A3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28335.0	6	2011	9	4	0130		A3E			DAILY, ASIAN	QG52xi	WIA	
28345.0	6	2011	9	4	0200		A3E			ASIAN	QG52xi	WIA	
28346		2011	9	10	<0445>	0445	A3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28350.0	6	2011	9	4	0130		A3E			ASIAN	QG52xi	WIA	

28350.0	6	2011	9	9	0200		A3E			DAILY, ASIAN	QG52xi	WIA	
28355.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28362.5	6	2011	9	4	0130		A3E			DAILY, ASIAN	QG52xi	WIA	
28365.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28375.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28385.0	6	2011	9	8	2335		A3E			DAILY, ASIAN	QG52xi	WIA	
28395.0	6	2011	9	25	0045		A3E			DAILY, ASIAN	QG52xi	WIA	
28400.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28400		2011	9	10	<0453>	0453	F3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28405.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28410		2011	9	08	<2303>	2303	F3E	CHN	Unid	Non Amateurs intermittent	RF73MF	NZART	ZL1GWE
28412.5	6	2011	9	25	0045		A3E			DAILY, ASIAN	QG52xi	WIA	
28415.0	6	2011	9	4	0130		A3E			DAILY, ASIAN	QG52xi	WIA	
28425.0	6	2011	9	4	0200		A3E			DAILY, ASIAN	QG52xi	WIA	
28435.0	6	2011	9	4	0130		A3E			DAILY, ASIAN	QG52xi	WIA	
28450.0	6	2011	9	8	2335		A3E			DAILY, ASIAN	QG52xi	WIA	
28455.0	6	2011	9	8	2335		A3E			DAILY, ASIAN	QG52xi	WIA	
28465.0	6	2011	9	4	0105		A3E			ASIAN	QG52xi	WIA	
28466		2011	9	10	<0446>	0446	A3E	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28475.0	6	2011	9	4	0200		A3E			DAILY, ASIAN	QG52xi	WIA	
28485.0	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
28495.0	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
													PROBABLY 2ND HARMONIC OF 14250, NORTH KOREA
28500.0	10	2011	9	4	0105		A3E			ASIAN SW BROADCASTER	QG52xi	WIA	
28500		2011	9	08	<2303>	2303	F3E	CHN	Unid	Non Amateurs fishing boat engine	RF73MF	NZART	ZL1GWE
28505.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28515.0	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
28525.0	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
28535.0	6	2011	9	4	0200		A3E			DAILY, ASIAN	QG52xi	WIA	
28550.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28550		2011	9	10	<0451>	0451	F3E	?	Unid	Non Amateurs - Japanese speaker	RF73MF	NZART	ZL1GWE
28555.0	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
28556		2011	9	25	<0003>	0003	A3E	CHN	Unid	Non Amateurs S1 QSB	RF73MF	NZART	ZL1GWE
28562.5	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
28565.0	6	2011	9	4	0105		A3E			DAILY, ASIAN	QG52xi	WIA	
28575.0	6	2011	9	4	0100		A3E			ASIAN	QG52xi	WIA	
28585.0	6	2011	9	4	0100		A3E			DAILY, ASIAN	QG52xi	WIA	
28587.5	6	2011	9	4	0130		A3E			DAILY, ASIAN	QG52xi	WIA	
28595.0	6	2011	9	8	2330		A3E			DAILY, ASIAN	QG52xi	WIA	
28600.0	6	2011	9	4	0100		A3E			DAILY, ASIAN	QG52xi	WIA	
28605.0	6	2011	9	4	0100		A3E			DAILY, ASIAN	QG52xi	WIA	

28620.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28625.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28635.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28645.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28649		2011	9	08	<2259>	F3E	2259	CHN	Unid	Non Amateurs	RF73MF	NZART ZL1GWE
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28655.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28665.0	6	2011	9	3	0050	A3E				DAILY, ASIAN	QG52xi	WIA
28675.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28685.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28695.0	6	2011	9	4	0130	A3E				DAILY, ASIAN	QG52xi	WIA
28700.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28705.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28715.0	6	2011	9	4	0130	A3E				DAILY, ASIAN	QG52xi	WIA
28725.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28735.0	6	2011	9	4	0130	A3E				DAILY, ASIAN	QG52xi	WIA
28737.5	6	2011	9	4	0130	A3E				DAILY, ASIAN	QG52xi	WIA
28745.0	6	2011	9	8	2325	A3E				ASIAN	QG52xi	WIA
28750.0	6	2011	9	25	0040	A3E				ASIAN	QG52xi	WIA
28755.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28760.0	6	2011	9	4	0100	A3E				DAILY, ASIAN	QG52xi	WIA
28762.5	6	2011	9	25	0040	A3E				ASIAN	QG52xi	WIA
28765.0	6	2011	9	8	2325	A3E				ASIAN	QG52xi	WIA
28775.0	6	2011	9	4	0125	A3E				ASIAN	QG52xi	WIA
28780.0	6	2011	9	24	0925	A3E				ASIAN	QG52xi	WIA
28787.5	6	2011	9	4	0200	A3E				ASIAN	QG52xi	WIA
28800.0	6	2011	9	1	0750	A3E				ASIAN	QG52xi	WIA
28805.0	6	2011	9	25	0040	A3E				ASIAN	QG52xi	WIA
28837.5	6	2011	9	9	0155	F3E				ASIAN	QG52xi	WIA
28850.0	6	2011	9	4	0125	F3E				ASIAN	QG52xi	WIA
28862.5	6	2011	9	9	0150	F3E				ASIAN	QG52xi	WIA
28875.0	6	2011	9	9	0150	F3E				ASIAN	QG52xi	WIA
28880.0	6	2011	9	9	0150	F3E				ASIAN	QG52xi	WIA
28900.0	6	2011	9	4	0125	F3E				ASIAN	QG52xi	WIA
28912.5	6	2011	9	4	0125	A3E				ASIAN	QG52xi	WIA
28925.0	6	2011	9	4	0125	A3E				ASIAN	QG52xi	WIA
28937.5	6	2011	9	4	0155	A3E				ASIAN	QG52xi	WIA
28950.0	6	2011	9	4	0125	A3E				ASIAN	QG52xi	WIA
28962.5	6	2011	9	25	0040	A3E				ASIAN	QG52xi	WIA
28987.5	6	2011	9	4	0155	A3E				ASIAN	QG52xi	WIA
29000.0	6	2011	9	1	0750	A3E				ASIAN	QG52xi	WIA
29010.0	6	2011	9	4	0155	F3E				ASIAN	QG52xi	WIA
29012.5	6	2011	9	25	0035	A3E				ASIAN	QG52xi	WIA
29025.0	6	2011	9	4	0155	F3E				ASIAN	QG52xi	WIA
29037.5	6	2011	9	4	0155	F3E				ASIAN	QG52xi	WIA

29050.0	6	2011	9	4	0120	F3E	ASIAN	QG52xi	WIA
29050.0	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29075.0	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29100.0	6	2011	9	25	0035	A3E	ASIAN	QG52xi	WIA
29105.0	6	2011	9	25	0035	A3E	ASIAN	QG52xi	WIA
29125.0	6	2011	9	1	0750	A3E	ASIAN	QG52xi	WIA
29137.5	6	2011	9	4	0155	A3E	ASIAN	QG52xi	WIA
29150.0	6	2011	9	9	0150	A3E	ASIAN	QG52xi	WIA
29162.5	6	2011	9	10	0110	A3E	ASIAN	QG52xi	WIA
29175.0	6	2011	9	1	0750	A3E	ASIAN	QG52xi	WIA
29187.5	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29190.0	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29200.0	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29212.5	6	2011	9	10	0155	A3E	ASIAN	QG52xi	WIA
29220.0	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
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29237.5	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29250.0	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29260.0	6	2011	9	9	0150	A3E	ASIAN	QG52xi	WIA
29270.0	40	2011	9	28	0950	P0N	OTHR	QG52xi	WIA
29275.0	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29280.0	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29300.0	6	2011	9	10	0110	A3E	ASIAN	QG52xi	WIA
29312.5	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29325.0	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29337.5	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29350.0	6	2011	9	4	0115	A3E	ASIAN	QG52xi	WIA
29362.5	6	2011	9	4	0115	A3E	ASIAN	QG52xi	WIA
29375.0	6	2011	9	4	0120	A3E	ASIAN	QG52xi	WIA
29387.5	6	2011	9	4	0115	A3E	ASIAN	QG52xi	WIA
29400.0	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29425.0	6	2011	9	4	0150	A3E	ASIAN	QG52xi	WIA
29445.0	6	2011	9	10	0110	A3E	ASIAN	QG52xi	WIA
29450.0	6	2011	9	4	0145	A3E	ASIAN	QG52xi	WIA
29455.0	6	2011	9	9	0145	A3E	ASIAN	QG52xi	WIA
29462.5	6	2011	9	9	0145	A3E	ASIAN	QG52xi	WIA
29475.0	6	2011	9	4	0145	A3E	ASIAN	QG52xi	WIA
29487.5	6	2011	9	4	0145	A3E	ASIAN	QG52xi	WIA
29500.0	6	2011	9	4	0145	A3E	ASIAN	QG52xi	WIA
29515.0	6	2011	9	4	0145	A3E	ASIAN	QG52xi	WIA
29525.0	6	2011	9	8	2325	A3E	ASIAN	QG52xi	WIA
29537.5	6	2011	9	28	0915	A3E	ASIAN	QG52xi	WIA
29550.0	6	2011	9	25	0030	A3E	ASIAN	QG52xi	WIA
29562.5	6	2011	9	25	0030	A3E	ASIAN	QG52xi	WIA
29575.0	6	2011	9	1	0750	A3E	ASIAN	QG52xi	WIA

29587.5	6	2011	9	1	0745		A3E		ASIAN		QG52xi	WIA
29600.0	6	2011	9	4	0115		A3E		ASIAN		QG52xi	WIA
29612.5	6	2011	9	4	0145		A3E		ASIAN		QG52xi	WIA
29625.0	6	2011	9	1	0750		A3E		ASIAN		QG52xi	WIA
29637.5	6	2011	9	10	0110		A3E		ASIAN		QG52xi	WIA
29650.0	6	2011	9	1	0745		A3E		ASIAN		QG52xi	WIA
29662.5	6	2011	9	4	0115		A3E		ASIAN		QG52xi	WIA
29675.0	6	2011	9	4	0145		A3E		ASIAN		QG52xi	WIA
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29690.0	6	2011	9	24	0920		A3E		ASIAN		QG52xi	WIA
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