



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



July 2011

Peter Young VK3MV

Reports for July have been received from ARSI, JARL, NZART, and the WIA. Apologies for the late posting of this report due to unexpected computer crashes, and other factors outside my control.

This month there were 1055 observations made, which contrasts with 1086 last month.

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
1800.0	0.5	2011	7	10	1945		A1A					2ARM	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
1800.8	0.5	2011	7	4	0935		A1A					3YRZ	DRIFTNET BEACON	QG52xi	WIA	
1804.0	0.5	2011	7	10	1950		A1A					2AFMN	DRIFTNET BEACON	QG52xi	WIA	
1804.0	0.5	2011	7	1	0950		A1A					4JBT	DRIFTNET BEACON	QG52xi	WIA	
1807.0	0.5	2011	7	12	0915		A1A					2AEGH	DRIFTNET BEACON	QG52xi	WIA	
1810.0	0.5	2011	7	8	1000		A1A					DZ4	DRIFTNET BEACON	QG52xi	WIA	
1811.0	0.5	2011	7	8	1000		A1A					4QVS	DRIFTNET BEACON	QG52xi	WIA	
1811.8	0.5	2011	7	4	1000		A1A					2AFOP	DRIFTNET BEACON	QG52xi	WIA	
1817.0	0.5	2011	7	8	1025		A1A					4QVZ	DRIFTNET BEACON	QG52xi	WIA	
1820.0	0.5	2011	7	4	0935		A1A					4IKZ	DRIFTNET BEACON	QG52xi	WIA	
1820.0	0.5	2011	7	12	1000		A1A					2AFQR	DRIFTNET BEACON	QG52xi	WIA	
1825.0	0.5	2011	7	16	2020		A1A					2ABXY	DRIFTNET BEACON	QG52xi	WIA	
1826.0	0.5	2011	7	16	2020		A1A					LF9	DRIFTNET BEACON	QG52xi	WIA	
3511.0	3	2011	7	28	0730		J3E/U						ASIAN	QG52xi	WIA	
3511		2011	07	28	<0634>	0634	J3E/U				CHN	Unid	Non amateurs Chinese S1	RF73MF	NZART	ZL1GWE
3523	4	2011	07	16	<1622>	1745	N0N				?	Unid	Rough Carrier	RF73MF	NZART	ZL1GWE
3523		2011	07	16	<1720>	1720	F1B				?	Unid	tick tick and then Fax transmisison	RF73MF	NZART	ZL1GWE
3524.0	5	2011	7	1	1950		G7D						APPROX 20 SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	
3550		2011	07	16	<1623>	1623	VXX				?	Unid	Ionosonde sweeping with QRN	RF73MF	NZART	ZL1GWE
3560		2011	07	16	<1624>	1624	A3E				KOR	VOK	Voice of Korea S5 QSB	RF73MF	NZART	ZL1GWE
3584.0	3	2011	7	1	1930		J1C							QG52xi	WIA	
3585		2011	07	16	<1625>	1625	F1B				?	Unid	Modem Fax	RF73MF	NZART	ZL1GWE
3588.8	3	2011	7	9	1650		J3E/U						ASIAN	QG52xi	WIA	
3598.5		2011	07	16	<1627>	1627	?				?	Unid	Scrambled voices S2	RF73MF	NZART	ZL1GWE
3600	3	2011	07	10		22:43	A3E						music with no call		JARL	
3622		2011	07	16	<1634>	1624	F1B				?	Unid	Fax transmission	RF73MF	NZART	ZL1GWE
3623.0	3	2011	7	1	1930		J1C							QG52xi	WIA	
3623.48		2011	07	05	<0510>	0510- 0610	F1B				JPN	Unid	TX 10 minutes and resync S4 JMH Toyko Meteo	RE68XL	NZART	ZL2TZE
3635		2011	07	16	<1636>	1636	A3E				IND	Unid	Non Amateurs Indonesian	RF73MF	NZART	ZL1GWE
3642.0	0.5	2011	7	3	1950		A1A					3A7D	4 CHAR CIPHER GROUPS, MACHINE SENT	QG52xi	WIA	
3642		2011	07	16	<1723>	1723	A1A				?	3A7D	CW DKG6 de 3A7D callings repeatedly S4	RF73MF	NZART	ZL1GWE
3651.6	0.5	2011	7	3	1955		A1A					E	BEACON	QG52xi	WIA	
3652.12	0.5	2011	07	10		22:49	A1A						train of " E "		JARL	
3740		2011	07	17	<1920>	1920	J3E/L				?	Unid	Non Amateurs Fishing boats	RE68XL	NZART	ZL2TZE
3745		20-11	07	04	<0716>	0716- 0846	J3E/U			000	JPN	Unid	Suspected Japanese fishermen off East Coast of New Zealand S1	RE68XL	NZART	ZL2TZE
3750		2011	07	16	<1652>	1652	J3E/L				IND	Unid	Non Amateurs Indonesian	RF73MF	NZART	ZL1GWE
3766.5		2011	07	16	<1652.	1652	J3E/L				CHN	Unid	Non Amateurs Chinese S8 5 characters talking	RF73MF	NZART	ZL1GWE

7039		2011	07	DY	<0330>	2200 0330- 2200	A1A		RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD
7039		2011	07	DY	<0330>	0330- 2200	A1A		RUS	F	Vladivostok - Beacon F Call sign	RF72LQ	NZART	ZL1BAD
7039		2011	07	DY	<0330>	0330- 2200	A1A		RUS	P	Kaliningrad - Beacon P Call sign	RF72LQ	NZART	ZL1BAD
7039	0.5	2011	07	01	0150	H24	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	07	01	0850		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	01	0852		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	1030		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	01	1032		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	1034		A1A	37	RUS	K-- signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	07	01	1240		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	01	1242		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	1244		A1A	37	RUS	K-- signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	07	01	1602		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	01	1604		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	1606		A1A	37	RUS	K-- signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	07	01	1702		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	01	1704		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	1706		A1A	37	RUS	K-- signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	07	01	1802		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	01	1804		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	1806		A1A	37	RUS	K-- signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	07	01	2208		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	01	2210		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	02	0140		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	02	0142		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	02	0846		A1A	15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	02	0848		A1A	321	RUS	F-- signal	Beacon		JARL	Vladivostok

7039	0.5	2011	07	02	1030		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	02	1032		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	02	1236		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	02	1238		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	02	1242		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	02	1602		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	02	1604		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	02	1606		A1A	37	RUS	K-- signal	Chinese Talk and Music	JARL	Kamchatskiy	
7039	0.5	2011	07	02	1702		A1A	15	RUS	M-- signal	Chinese Talk and Music	JARL	Magadan	
7039	0.5	2011	07	02	1704		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	02	1706		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	02	1802		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	02	1804		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	02	1806		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	02	2210		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	0130		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	0846		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	0848	H24	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	07	03	1030		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	1032		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	03	1240		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	1242		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	03	1602		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	1604		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	03	1608		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	03	1702		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	03	1704		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	03	1708		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	

7039	0.5	2011	07	03	1802	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	03	1804	A1A	321	RUS	signal M--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	03	1808	A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	03	2210	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	03	2212	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	0846	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	0848	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	04	1024	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	1026	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	04	1220	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	1222	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	04	1226	A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	04	1602	A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	04	1604	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	04	1606	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	1702	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	04	1704	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	1706	A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	04	1804	A1A	15	RUS	signal M--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	04	1806	A1A	321	RUS	signal F--	Beacon	JARL	Magadan
7039	0.5	2011	07	04	1808	A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	04	2210	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	0850	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	05	0852	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	1034	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	05	1036	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	1230	A1A	15	RUS	signal M--	Beacon	JARL	Magadan

7039	0.5	2011	07	05	1232		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	1602		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	05	1604		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	1702		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	1704		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	05	1706	H24	A1A	37	RUS	K-- signal	Beacon	PM97	Kamchatskiy
7039	0.5	2011	07	05	1802		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	05	1804		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	05	1806		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	05	1808		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	05	2214		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	0850		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	06	0852		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	1034		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	06	1036		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	1240		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	06	1242		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	1246		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	06	1602		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	1604		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	06	1606		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	06	1702		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	06	1704		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	1706		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	06	1802		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	06	1804		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	06	1806		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	06	2210		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan

7039	0.5	2011	07	07	0150		A1A	321	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	0840		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	0842		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	07	1034		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	1036		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	07	1040		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	07	1230		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	1232		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	07	1602		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	07	1604		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	1702		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	1704		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	07	1708		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	07	1802		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	07	1804		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	07	1806		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	07	2210	H24	A1A	15	RUS	signal M--	Beacon	PM97	JARL	Magadan
7039	0.5	2011	07	08	0850		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	08	0852		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	08	1030		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	08	1032		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	08	1036		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	08	1240		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	08	1242		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	08	1248		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	08	1602		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	08	1604		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	

7039	0.5	2011	07	08	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	08	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	08	1802	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	08	1804	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	08	2212	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	0850	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	0852	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	09	1034	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	1036	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	09	1230	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	1232	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	09	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	1604	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	09	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	1704	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	09	1804	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	09	1806	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	09	2210	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	10	0850	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	10	0852	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	10	1032	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	10	1034	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	10	1240	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	10	1242	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	10	1246	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	10	1602	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	10	1604	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	10	1606	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy

7039	0.5	2011	07	10	1702		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	10	1704		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	10	1706		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	10	1802		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	10	1804	H24	A1A	15	RUS	signal M--	Beacon	PM97	JARL	Magadan
7039	0.5	2011	07	10	1806		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	10	2210		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	0850		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	11	0852		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	1034		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	11	1036		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	1038		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	11	1230		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	11	1232		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	1234		A1A	37	RUS	signal K--	Beacon	JARL	non	
7039	0.5	2011	07	11	1602		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	11	1604		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	1702		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	11	1704		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	1806		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	11	1808		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	11	2208		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	0850		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	12	0852		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	1040		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	12	1042		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	1242		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	

7039	0.5	2011	07	12	1244		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	1248		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	12	1602		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	12	1604		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	1702		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	12	1704		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	1802		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	12	1804		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	12	1806		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	12	2208		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	13	0846		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	13	0848		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	13	1034		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	13	1036		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	13	1240		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	13	1242	H24	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	07	13	1602		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	13	1604		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	13	1702		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	13	1704		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	13	1706		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	13	1802		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	13	1804		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	13	1806		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	13	2210		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	0850		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	14	0852		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	1040		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan	

7039	0.5	2011	07	14	1042		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	1232		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	14	1234		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	1602		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	14	1604		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	1708		A1A	37	RUS	signal K--	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	14	1710		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	1802		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	14	1804		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	14	2208		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	0848		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	15	0850		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	1030		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	15	1032		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	1204		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	1206		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	15	1602		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	15	1604		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	1704		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	1706		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	15	1802		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	15	1804		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	15	2210		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	16	0846		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	16	0848	H24	A1A	321	RUS	signal F--	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	07	16	1030		A1A	15	RUS	signal M--	Beacon	JARL	Magadan	
7039	0.5	2011	07	16	1032		A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok	

7039	0.5	2011	07	16	1240	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	16	1242	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	16	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	16	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	16	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	16	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	16	1802	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	16	1804	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	16	2210	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	0850	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	0852	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	17	1044	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	1046	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	17	1230	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	1232	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	17	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	17	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	17	1706	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	17	1802	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	17	1804	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	17	1806	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	17	2210	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	0850	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	0852	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	18	1026	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	1028	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok

7039	0.5	2011	07	18	1230	A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	1232	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	18	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	18	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	18	1804	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	18	1806	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	18	2210	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	0850	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	0852	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	19	1028	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	1030	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	19	1234	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	1236	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	19	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	19	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	1606	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	19	1704	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	19	1706	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	1804	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	19	1806	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	19	1808	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	19	2210	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	0846	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	20	0848	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	1034	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan

7039	0.5	2011	07	20	1036	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	1228	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	20	1230	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	1234	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	20	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	20	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	20	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	1706	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	20	1804	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	20	1806	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	20	1810	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	20	2208	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	0850	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	0852	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	21	1032	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	1034	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	21	1240	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	21	1242	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	1246	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	21	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	21	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	1702	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	1704	H24 A1A	15	RUS	M-- signal	Beacon	PM97 JARL	Magadan
7039	0.5	2011	07	21	1804	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	21	1806	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	21	1808	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	21	2208	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok

7039	0.5	2011	07	21	2210	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	0846	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	0848	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	22	1034	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	1036	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	22	1240	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	1242	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	22	1602	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	1604	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	22	1704	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	1706	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	22	1802	A1A	15	RUS	signal M--	Beacon	JARL	Magadan
7039	0.5	2011	07	22	1804	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	22	2210	A1A	321	RUS	signal F--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	0850	A1A	321	RUS	signal M--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	0852	A1A	15	RUS	signal F--	Beacon	JARL	Magadan
7039	0.5	2011	07	23	1030	A1A	321	RUS	signal M--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	1032	A1A	15	RUS	signal F--	Beacon	JARL	Magadan
7039	0.5	2011	07	23	1236	A1A	321	RUS	signal M--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	1238	A1A	15	RUS	signal K--	Beacon	JARL	Magadan
7039	0.5	2011	07	23	1242	A1A	37	RUS	signal M--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	23	1602	A1A	15	RUS	signal F--	Beacon	JARL	Magadan
7039	0.5	2011	07	23	1604	A1A	321	RUS	signal M--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	1702	A1A	15	RUS	signal F--	Beacon	JARL	Magadan
7039	0.5	2011	07	23	1704	A1A	321	RUS	signal K--	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	1706	A1A	37	RUS	signal M--	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	23	1802	A1A	15	RUS	signal	Beacon	JARL	Magadan

7039	0.5	2011	07	23	1804		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	23	1806		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	23	2210		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	0846		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	0848	H24	A1A	15	RUS	M-- signal	Beacon	PM97	Magadan
7039	0.5	2011	07	24	1034		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	1036		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	24	1216		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	1218		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	24	1220		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	24	1602		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	1604		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	24	1702		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	24	1704		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	1802		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	24	1804		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	24	1806		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	24	2212		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	25	0850		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	25	0852		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	25	1040		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	25	1042		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	25	1230		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	25	1232		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	25	1236		A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	25	1602		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	25	1604		A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	25	1702		A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok

7039	0.5	2011	07	25	1704		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	25	1802		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	25	2210		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	0848		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	26	0850		A1A	321	RUS	signal M-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	1042		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	26	1044		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	1224		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	26	1226		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	1230		A1A	37	RUS	signal K-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	26	1602		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	26	1604		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	1702		A1A	321	RUS	signal M-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	1704		A1A	15	RUS	signal F-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	26	1804		A1A	321	RUS	signal M-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	26	1806	H24	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	07	26	2210		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	27	0850		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	27	0852		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	27	1036		A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	27	1038		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	27	1220		A1A	15	RUS	signal M-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	27	1222		A1A	321	RUS	signal K-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	27	1226		A1A	37	RUS	signal F-- signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	07	27	1602		A1A	321	RUS	signal M-- signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	07	27	1604		A1A	15	RUS	signal K-- signal	Beacon	JARL	Magadan	
7039	0.5	2011	07	27	1608		A1A	37	RUS	signal K-- signal	Beacon	JARL	Kamchatskiy	

7039	0.5	2011	07	27	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	27	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	27	1802	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	27	1804	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	27	1810	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	27	2208	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	0850	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	28	0852	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	1030	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	28	1032	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	1240	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	28	1242	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	28	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	1702	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	28	1704	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	1802	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	28	1804	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	28	1810	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	28	2210	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	0846	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	29	0848	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	1034	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	29	1036	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	1228	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	1230	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	29	1602	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	1604	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan

7039	0.5	2011	07	29	1702	A1A	321	RUS	signal F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	1704	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	29	1804	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	29	1806	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	29	2210	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	30	0846	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	30	0848	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	30	1032	A1A	321	RUS	F-- signal	7066KHz ~ 7100KHz wide pulse mode PON OTHR ?	JARL	Vladivostok
7039	0.5	2011	07	30	1034	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	30	1228	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	30	1230	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	30	1602	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	30	1604	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	30	1704	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	30	1706	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	30	1802	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	30	2208	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	31	0850	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	31	0852	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	31	1030	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	31	1032	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	31	1240	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	31	1242	A1A	15	RUS	M-- signal	Beacon	JARL	Magadan
7039	0.5	2011	07	31	1246	A1A	37	RUS	K-- signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	07	31	1602	A1A	321	RUS	F-- signal	Beacon	JARL	Vladivostok
7039	0.5	2011	07	31	1608	A3E	15	RUS	M-- signal	Beacon	JARL	Magadan

7039	0.5	2011	07	31	1702		A3E		321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	31	1706		P0N		non	non	non	Beacon		JARL	Magadan
7039	0.5	2011	07	31	1804		A1A		321	RUS	F-- signal	Beacon		JARL	Vladivostok
7039	0.5	2011	07	31	1806		A1A		15	RUS	M-- signal	Beacon		JARL	Magadan
7039	0.5	2011	07	31	2210	H24	A1A		321	RUS	F-- signal	Beacon	PM97	JARL	Vladivostok
7039.11	0.5	2011	07	10		23:14	A1A					train of "F","M","K"		JARL	
7039.2	0.5	2011	7	1	1940		A1A			RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3	0.5	2011	7	1	0805		A1A			RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2011	07	DY	<0330>		A1A			RUS	K	Petropavlovsk - Beacon K Callsign			ZL1BAD
7039.4	0.5	2011	7	1	0805		A1A			RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.4		2011	07	DY	<0330>		A1A			RUS	M	Magadan - Beacon M Callsign			ZL1BAD
7039.9		2011	07	DY	<0330>		A1A			RUS	S	Severomorsk - Beacon S Callsign			ZL1BAD
7040	0.5	2011	07	17		21:27	A1A					train of "M","F"		JARL	
7040	0.5	2011	07	18		09:26	A1A					train of "M","F"		JARL	
7040	0.5	2011	07	21		20:47	A1A					train of "K","F"		JARL	
7040	0.5	2011	07	29		22:15	A1A					train of "F","M"		JARL	
7040	0.5	2011	07	30		20:34	A1A					train of "F","M"		JARL	
7040	0.5	2011	07	31		06:32	A1A					train of "F","M"		JARL	
7041.8	0.5	2011	7	20	1910		A1A			RU	L	NEW FREQUENCY	QG52xi	WIA	
7054.0	2	2011	7	1	1940		F1B	HIGH	200			DAILY, CONTINUOUS	QG52xi	WIA	
7054		2011	07	30	<1900>	1900- 2030	F1B		250	RUS	?	Idle only	RF72LQ	NZART	ZL1BAD
7065.0	5	2011	7	8	0900		G7D					DAILY	QG52xi	WIA	
7071	0.5	2011	07	21		20:52	A1A					random number		JARL	
7072.0	5	2011	7	13	1015		G7D					>15 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7074	34	2011	07	20	1808		P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7077	34	2011	07	06	1608		P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7080.0	30	2011	7	1	1935		VXX					CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7080	30	2011	07	23	<1930>	1930	VXX			?	Unid	CODAR 3.5 PPS	RF72LQ	NZART	ZL1BAD
7083	34	2011	07	01	1708		P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL	non
7083	34	2011	07	01	1808		P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL	non
7083	34	2011	07	02	1708		P0N		non	non	non	Beacon		JARL	non
7083	34	2011	07	02	1808		P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?		JARL	non
7083	34	2011	07	04	1708		P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL	non

7083	0.5	2011	07	04	1810	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	06	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	06	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	07	1710	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	07	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	08	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	08	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	10	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	10	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	11	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	11	1810	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	12	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	12	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	13	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	13	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	14	1712	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	14	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	15	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	15	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	16	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	16	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	17	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	07	17	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	18	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	18	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	21	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	21	1812	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	22	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	22	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	23	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	23	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	24	1606	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	25	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	25	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	26	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	26	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	27	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	27	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	28	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	28	1806	P0N	non	non	F-- signal	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	29	1808	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	30	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	30	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	07	31	1704	A1A	15	RUS	M-- signal	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	07	31	1810		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?		JARL	non
7090.0	5	2011	7	22	1115		G7D				8 SUBCARRIERS ON ROUGHLY 350 HZ CENTRES, BROAD PSK ON EACH	QG52xi	WIA	
7091.0		2011	7	5	1000		N0N				DAILY	QG52xi	WIA	
7095.0	3	2011	7	4	0925		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	
7095	50	2011	07	07	<0630>	0630-0730	P0N		?	Unid	OTHR 86 PPS	RF72LQ	NZART	ZL1BAD
7099	34	2011	07	31	1034		P0N	non	non	non	7082KHz ~ 7116KHz wide pulse mode P0N OTHR ?		JARL	non
7103.0	5	2011	7	4	0925		G7D				DAILY	QG52xi	WIA	
7105.0	6	2011	7	9	2215		A3E		TWN		SW BROADCAST, SOUND OF HOPE	QG52xi	WIA	
7105		2011	07	22	<2200>	2200-2345	A3E		?	Unid	B-C Stn	RF72LQ	NZART	ZL1BAD
7105	5	2011	07	01	2204		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	07	01	2206		A3E	non	CHN	Meng	Chinese Talk and Music		JARL	non
7105	5	2011	07	02	2204		A3E	273	CHN	Nei	Beacon		JARL	Hohhot
7105	3	2011	07	02	2206		A3E	non	CHN	Meng	Beacon		JARL	non
7105	5	2011	07	03	2204		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	07	03	2206		A3E	non	CHN	Meng	Chinese Talk and Music		JARL	non
7105	0.5	2011	07	04	2204		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot
7105	0.5	2011	07	04	2206		A3E	non	CHN	Meng	Chinese Talk and Music		JARL	non
7105	5	2011	07	05	2208		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	07	05	2210		A3E	non	CHN	Meng	Chinese Talk and Music		JARL	non
7105	5	2011	07	06	2204		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	07	06	2206		A3E	non	CHN	Meng	Chinese Talk and Music		JARL	non
7105	5	2011	07	07	2204		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	07	07	2206		A3E	non	CHN	Meng	Chinese Talk and Music		JARL	non
7105	0.5	2011	07	08	2206		A3E	273	RUS	Nei	Chinese Talk and Music		JARL	Hohhot
7105	0.5	2011	07	08	2208		A3E	non	RUS	Meng	Chinese Talk and Music		JARL	non
7105	5	2011	07	09	2204		A3E	273	CHN	Nei	Chinese Talk and Music		JARL	Hohhot

7105	3	2011	07	09	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	10	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	10	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	11	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	11	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	12	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	12	2204		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	13	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	13	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	0.5	2011	07	14	2202		A1A	273	RUS	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	0.5	2011	07	14	2204		A1A	non	non	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	15	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	15	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	16	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	16	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	17	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	17	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	18	2204	H24	A3E	273	CHN	Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2011	07	18	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	19	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	19	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	0.5	2011	07	20	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	0.5	2011	07	20	2204		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	21	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	21	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	22	2204		A1A	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	

7105	3	2011	07	22	2206		A1A	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	23	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	23	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	24	2204		A3E	273	CHN	Meng	Beacon	JARL	Hohhot	
7105	3	2011	07	24	2206		A3E	non	CHN	non PBS Nei	Beacon	JARL	non	
7105	5	2011	07	25	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	25	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	26	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	26	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	27	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	27	2204		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	28	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	28	2204		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	29	2204		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	29	2206		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	30	2202		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	07	30	2204		A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	07	31	2202		A3E	273	CHN	Meng	Beacon	JARL	Hohhot	
7105	3	2011	07	31	2204		A3E	non	CHN	non	Beacon	JARL	non	
7110	3	2011	07	22	0315->		A3E		UNID	UNID	WEAK BROADCAST	MK82	ARSI	
7110.0	6	2011	7	9	1705		A3E		ETH		RADIO ETHIOPIA	QG52xi	WIA	
7112.0	5	2011	7	4	1955		G7D				>10 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7120.0	0.5	2011	7	22	1110		A1A				MIXED NUMBER/LETTER CIPHER, MACHINE SENT	QG52xi	WIA	
7120	3.3	2011	07	18	<0500>	0500	M7B		?	Unid	Multi chnl	RF72LQ	NZART	ZL1BAD
7125.0	6	2011	7	1	1935		A3E		GUI		RADIO CONAKRY	QG52xi	WIA	
7125		2011	07	DY	<0435>		A3E		?	Unid	B-C Stn	RF72LQ	NZART	ZL1BAD
7125		2011	07	DY	<1910>		A3E		?	Unid	B-C Stn.	RF72LQ	NZART	ZL1BAD
7135.0	30	2011	7	18	1205		VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	

7137	34	2011	07	22	1606	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	07	24	1706	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	07	31	1604	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	07	07	1056	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	07	11	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	07	18	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	07	20	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	07	26	1046	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	07	29	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7145.0	3	2011	7	8	0900	J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	
7148.3	5	2011	7	1	1935	A3E				RADIO AUSTRALIA?	QG52xi	WIA	
7152.5	1	2011	7	4	0925	F1B				IDLE TONES	QG52xi	WIA	
7155	34	2011	07	15	1208	P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non	
7155	34	2011	07	30	1606	P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non	
7159	34	2011	07	29	1236	P0N	non	non	non	7142KHz ~ 7176KHz wide pulse mode P0N OTHR ?	JARL	non	
7159.9	3	2011	7	8	0855	J3E/U		PHL		TAGALOG	QG52xi	WIA	
7160	3	2011	07	22	<0305-0315>	A3E		IND	AIR	CHENNAI INTERMOD SPURIOUS SIGNAL.	MK82	ARSI	
7162.0	3	2011	7	12	0850	J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	
7165.0	6	2011	7	14	1735	A3E		ERI		VOICE OF THE BROAD MASSES	QG52xi	WIA	
7166.0	0.5	2011	7	22	1105	A1A				LOTS OF NON-ENGLISH CHARACTERS, HAND SENT	QG52xi	WIA	
7170.0	3	2011	7	17	0850	J3E/U				ASIAN	QG52xi	WIA	
7170.0	30	2011	7	12	0850	VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7170.9	3	2011	7	28	0935	J3E/U				ASIAN	QG52xi	WIA	
7173.0	3	2011	7	15	1955	J3E/U				ASIAN	QG52xi	WIA	
7175	3	2011	07	22	<0305-0315>	A3E		UNID	UNID	WEAK BROADCAST	MK82	ARSI	
7175.0	6	2011	7	9	1655	A3E		ERI		VOICE OF THE BROAD MASSES	QG52xi	WIA	
7175		2011	07	17	<0435>	A3E		?	Unid	B-C Stn.	RF72LQ	NZART	ZL1BAD
7175		2011	07	18	<0500>	A3E		?	Unid	B-C stn	RF72LQ	NZART	ZL1BAD
7176.0	3	2011	7	8	0855	J3E/U		PHL		TAGALOG	QG52xi	WIA	
7179.2	3	2011	7	5	1000	J3E/U				ASIAN	QG52xi	WIA	

14020		2011	07	06	<0215-0225>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14020		2011	07	06	<1145-1200>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14020		2011	07	21	<0235-0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14022	3	2011	7	18	08:32--08:44	J3E/U	315	CLN		Group of males	OF84wx	WIA
14022.7	3	2011	7	4	<08:15--08:50	J3EU	315	CLN		2 males	OF84wx	WIA
14022.7	3	2011	7	6	08:10--08:21	J3E/U	360			1 male-1 female	OF84wx	WIA
14022.8	3	2011	7	5	08:03--08:52	J3E/U	315	CLN		2 males	OF84wx	WIA
14022.9	3	2011	7	11	0835	J3E/U		CHN		DAILY, CHINESE, FAMILY NET	QG52xi	WIA
14023.9	3	2011	7	2	<08:20--08:45	J3E/U	315	CLN		Group of males	OF84wx	WIA
14024		2011	07	12	<1040-1100>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14024	3	2011	7	25	09:03--09:12	J3E/U	315	CLN		2 males	OF84wx	WIA
14024.8	3	2011	7	28	23:20--00:28	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	1	23:10--01:00	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	2	<23:50--01:00	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	3	23:10--01:01	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	4	<23:10--00:40	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	5	23:15--00:35	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	6	23:10--00:10	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	7	23:23--00:05>	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	18	<23:15--00:12>	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	19	<23:15--00:15	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	20	23:00--00:20>	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	21	<23:20--00:10	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	23	23:37--00:18	J3E/U	315	CLN		2 males	OF84wx	WIA
14025	3	2011	7	24	<23:10--23:52	J3E/U	315	CLN		Group of males	OF84wx	WIA
14025	3	2011	7	25	23:12--23:35	J3E/U	315	CLN		2 males	OF84wx	WIA

14025	3	2011	7	26	<23:13-- 00:20	J3E/U	315	CLN	2 males	OF84wx	WIA	
14025	3	2011	7	27	<23:10-- 23:46	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14025	3	2011	7	29	23:26-- 23:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14025	3	2011	7	30	23:15-- 00:55	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14025	3	2011	7	31	23:20-- 00:45	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14031.0	3	2011	7	22	1025	J3E/U		PHL	TAGALOG	QG52xi	WIA	
14032.7	3	2011	7	27	0800	J3E/U			ASIAN	QG52xi	WIA	
14032.7	3	2011	7	26	<07:36-- 08:22	J3E/U	360	CHN	Male-female	OF84wx	WIA	
14032.8	3	2011	7	30	:08:55-- 09:00	J3E/U	360	INS	2 males	OF84wx	WIA	
14033.0	3	2011	7	24	0905	J3E/U			ASIAN, ALMOST CERTAINLY CHINESE	QG52xi	WIA	
14036.0	1	2011	7	6	0825	A2A		RUS	V V BEACON, MODULATION IS 50 HZ HUM	QG52xi	WIA	
14040.0	3	2011	7	1	0910	J3E/U			ASIAN	QG52xi	WIA	
14040	3	2011	7	1	<08:05-- 08:30	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14040	3	2011	7	5	07:00-- 07:33	J3E/U	315	CLN	1 male talking, listening to another frequenc	OF84wx	WIA	
14040	3	2011	7	7	08:15-- 08:20	J3E/U	360	INS	2 males	OF84wx	WIA	
14040	3	2011	7	11	<23:10-- 23:17	J3E/U	315	CLN	2 males	OF84wx	WIA	
14040	3	2011	7	23	00:01-- 00:10	J3E/U	315	CLN	2 males	OF84wx	WIA	
14040	3	2011	7	24	23:15-- 23:35	J3E/U	315	CLN	2 males	OF84wx	WIA	
14043		2011	07	07	<1335- 1355>	J3E/L		CLN	UNID SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14044.8	3	2011	7	29	23:45-- 00:50	J3E/L	360		2 males	OF84wx	WIA	
14045.0	3	2011	7	31	0855	J3E/L			ASIAN	QG52xi	WIA	
14045.0	3	2011	7	1	2200	J3E/U			DAILY, ASIAN	QG52xi	WIA	
14045	3	2011	7	2	<08:20-- 08:30	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14045	3	2011	7	3	07:10-- 07:25	J3E/U	315	CLN	2 males	OF84wx	WIA	
14045	3	2011	7	4	23:15-- 23:56	J3E/U	315	CLN	2 males	OF84wx	WIA	
14045	3	2011	7	27	23:30-- 00:15	J3E/L	360	INS	2 males	OF84wx	WIA	
14046.0	3	2011	7	4	0915	J3E/U			DAILY, ASIAN	QG52xi	WIA	
14046	3	2011	7	11	<23:24-- 23:35	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14048.0	3	2011	7	2	2100-0900	J3E/U		PHL	DAILY, TAGALOG	QG52xi	WIA	

14048	3	2011	7	20	<08:15-- 08:28	J3E/U	360	INS		2 males	OF84wx	WIA
14048	3	2011	7	23	<23:51-- 00:05	J3E/U	360	INS		Group of males	OF84wx	WIA
14048.4	3	2011	7	11	0035	J3E/U				COUNTING IN FRENCH, PROBABLY NEW CALEDONIA	QG52xi	WIA
14048.5	3	2011	7	2	0530	J3E/U				ASIAN	QG52xi	WIA
14049.7	3	2011	7	30	<00:40-- 00:42	J3E/L	360	INS		2 males	OF84wx	WIA
14054.7	3	2011	7	15	07:45-- 08:14	J3E/U	360	INS		Group of males	OF84wx	WIA
14054.7	3	2011	7	28	<07:15-- 08:00	J3E/L	360	INS		2 males	OF84wx	WIA
14055.0	15	2011	7	11	0025	P0N				OTHR	QG52xi	WIA
14055.0	15	2011	7	7	0545	P0N				OTHR, BURSTS, 66PPS	QG52xi	WIA
14055.0	15	2011	7	2	0650	P0N				OTHR, BURSTS, 66PPS	QG52xi	WIA
14055.0	3	2011	7	31	0030	J3E/U				SPANISH LANGUAGE	QG52xi	WIA
14055.0	3	2011	7	28	0745	J3E/L				ASIAN, FISHBOATS, ENGINE		
14055.0	15	2011	7	0440	0650	P0N				NOISE	QG52xi	WIA
14055.0	15	2011	7	0440	0650	P0N				OTHR, BURSTS, 66PPS	QG52xi	WIA
14055	3	2011	7	18	23:35-- 23:57	J3E/L	315	CLN		2 males	OF84wx	WIA
14055	3	2011	7	19	23:30-- 00:00	J3E/L	315	CLN		2 males	OF84wx	WIA
14055.8	3	2011	7	26	2100	J3E/U				ASIAN	QG52xi	WIA
14056.0	3	2011	7	10	2230	J3E/U				ASIAN	QG52xi	WIA
14059.8	3	2011	7	14	0910	J3E/U				DAILY, ASIAN	QG52xi	WIA
14060.0	40	2011	7	21	0830	P0N				OTHR, BURSTS	QG52xi	WIA
14064.4	3	2011	7	1	0910	J3E/L				ASIAN	QG52xi	WIA
14065.0	1	2011	7	27	0100	G7D				2 SUBCARRIERS 200HZ, BOTH HEAVILY PSK'D, BURSTS	QG52xi	WIA
14065.3	3	2011	7	1	0800	J3E/U				DAILY, ASIAN	QG52xi	WIA
14065.8	3	2011	7	3	<23:16-- 23:48	J3E/L	315	CLN		2 males	OF84wx	WIA
14065.8	3	2011	7	6	<23:12-- 23:30	J3E/U	315	CLN		Group of males	OF84wx	WIA
14067.8	3	2011	7	27	0800	J3E/L				ASIAN	QG52xi	WIA
14070		2011	07	21	<0235- 0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14070		2011	07	22	<0300- 0310>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14070.0	40	2011	7	13	0730	P0N				OTHR, BURSTS	QG52xi	WIA
14072	3	2011	7	3	<07:05-- 07:24	J3E/L	360	CHN		Male-female	OF84wx	WIA
14072.5	3	2011	7	2	<23:50-- 00:00	J3E/U	315	CLN		2 males	OF84wx	WIA
14075.0	40	2011	7	16	0615	P0N				OTHR, BURSTS	QG52xi	WIA
14077.8	3	2011	7	2	0650	J3E/U				ASIAN	QG52xi	WIA

14081.7	3	2011	7	25	00:00-- 00:18	J3E/U	360	CHN	2 males	OF84wx	WIA		
14081.8	3	2011	7	12	0830	J3E/U			ASIAN	QG52xi	WIA		
14088.2	3	2011	7	18	<23:20--23:12>	J3E/U	315	CLN	Group of males	OF84wx	WIA		
14088.4	3	2011	7	17	23:20-- 00:45	J3E/U	315	CLN	Group of males	OF84wx	WIA		
14088.8	3	2011	7	19	07:50-- 08:10	J3E/U	315	CLN	Male-female	OF84wx	WIA		
14089.0	3	2011	7	27	0805	J3E/U			ASIAN	QG52xi	WIA		
14091.7	3	2011	7	27	0805	J3E/U			DAILY, ASIAN	QG52xi	WIA		
14092	3	2011	7	27	<08:14-- 08:55	J3E/U	360	CHN	2males	OF84wx	WIA		
14092.8	3	2011	7	26	<09:18-- 09:45	J3E/U	360	CHN	Group of males	OF84wx	WIA		
14100.0	30	2011	7	1	0020	P0N			OTHR, BURSTS	QG52xi	WIA		
14101	3	2011	7	18	<08:20-- 08:35	J3E/U	360	INS	Male-female chatting	OF84wx	WIA		
14101.9	3	2011	7	1	2355	J3E/L		PHL	DAILY, TAGALOG	QG52xi	WIA		
14102	3	2011	7	7	<08:07-- 08:14	J3E/U	360	INS	2 males 1 female	OF84wx	WIA		
14105.0	3	2011	7	1	0800	J3E/U			ASIAN, PROBABLY TAGALOG	QG52xi	WIA		
14105	3	2011	7	20	<08:44-- 09:00	J3E/U	360	INS	1 female, listening on another frequency	OF84wx	WIA		
14105	3	2011	7	21	<08:08:30--08:41	J3E/U	360	INS	Female talking, but listening on another frequency	OF84wx	WIA		
14111	3	2011	7	25	08:20-- 08:35	J3E/L	360	CHN	2 males	OF84wx	WIA		
14115.0	3	2011	7	12	0835	J3E/U			ASIAN, FAMILY NET BURSTS, >50 SUBCARRIERS ON 50 HZ SPACING. PILOT TOMME	QG52xi	WIA		
14116.0	5	2011	7	12	0835	G7D			ON 14115.4	QG52xi	WIA		
14116.8	3	2011	7	21	0900	J3E/U			ASIAN, SOUNDS TAGALOG	QG52xi	WIA		
14119	3	2011	7	20	23:50-- 00:20>	J3E/L	315	CLN	Group of males	OF84wx	WIA		
14120.0	1	2011	7	1	0710	G1B			CONTINUOUS	QG52xi	WIA		
14122.0	3	2011	7	28	0805	J3E/U			ASIAN	QG52xi	WIA		
14122.0	3	2011	7	28	0805	J3E/U			ASIAN	QG52xi	WIA		
14123	3	2011	7	1	23:15-- 23:47	J3E/U	315	CLN	2 males	OF84wx	WIA		
14123	3	2011	7	5	<23:35-- 00:40	J3E/U	315	CLN	Group of males	OF84wx	WIA		
14125.0	30	2011	7	12	0835	P0N			OTHR, BURSTS	QG52xi	WIA		
14128.0	0.5	2011	7	28	0750	A1A			MIXED NUMBER LETTER CIPHER	QG52xi	WIA		
14130.0	5	2011	7	22	1040	G7D			PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA		
14144	5	2011	07	19	1150	A3E		UNID	UNID Two way communication	NL06	ARSI		
14158.1	3	2011	7	27	0805	J3E/U			ASIAN	QG52xi	WIA		
14159.0	3	2011	7	1	0750	J3E/U			ASIAN, MUSIC BROADCAST	QG52xi	WIA		
14174		2011	07	10	<0150>	P0N		?	Unid OTHR	RE68XL	NZART	ZL2TZE	

14177.7	3	2011	7	5	00:44-- 00:48`		J3E/U		360	INS		Male-female pass coded messages, (weathewr info)	OF84wx	WIA		
14178		2011	07	15	<0610>	0610	P0N			?	Unid	OTHR S9	RE68XL	NZART	ZL2TZE	
14180	30	2011	07	20	<2330>	2330	P0N			?	Unid	5 sec burst every 20 secs	RF72LQ	NZART	ZL1BAD	
14181.0	3	2011	7	24	0920		J3E/U					ASIAN, MUSIC BROADCAST	QG52xi	WIA		
14182.0	12	2011	7	11	0625-0705		P0N		310		unid	OHR radar ~105 Hz PRF	QF22	WIA	VK3MV	
14183		2011	7	11	05:15-- 07:15		P0N					VK4SWE report QRM into ANZA net. and Pacific DX net.	PH92tv	WIA		
14183.0	12	2011	7	11	0515-0715>		P0N					OHR- Causing QRM to ANZA net	PH92	WIA	VK4SWE	
14185.0	5	2011	7	28	0810		G7D					>30 SUBCARRIERS ON 80 HZ CENTRES	QG52xi	WIA		
14185.6	3	2011	7	17	0830		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA		
14186		2011	07	11	<0439>	0439	P0N			?	Unid	OTHR S9	RE68XL	NZART	ZL2TZE	
14189.8	3	2011	7	12	0840		J3E/U					ASIAN	QG52xi	WIA		
14189.8	3	2011	7	12	0840		J3E/L					ASIAN, FAMILY NET	QG52xi	WIA		
14190	30	2011	07	23	<0310>	0310	P0N			?	Unid	OTHR 48 PPS. 6 sec. burst every 39.5 sec	RF72LQ	NZART	ZL1BAD	
14190	30	2011	07	24	<0010>	0010	P0N			?	Unid	OTHR 48 PPS. 6 sec. burst every 39.5 sec	RF72LQ	NZART	ZL1BAD	
14202	5	2011	07	19	1220		A3E				UNID	Two way communication	NL06	ARSI		
14204.2	0.5	2011	7	13	0930-1012>		F1B	80	248	-	unid		QF22	WIA	VK3MV	
14206		2011	07	21	<0020.	0020	P0N				?	Unid	OTHR S9 71 PPS	RE68XL	NZART	ZL2TZE
14207		2011	07	08	<0000>	0000	P0N		000	>	Unid	OTHR 48 pps S9+20 internal 30 seconds and bursts 2.6 seconds	RF80HL	NZART	ZL2IFB	
14208.5	3	2011	7	17	0830		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA		
14215		2011	07	08	<0028>	0028	P0N		000	?	Unid	OTHR not Tiger confirmed off air two systems one 9 seconds after the other	RF80HL	NZART	ZL2IFB	
14215		2011	07	28	<0545>	0545	P0N			?	Unid	OTHR roughshod over amateur radio USB transmissions	RE68XL	NZART	ZI2TZE	
14215		2011	07	29	<0300>	0300	P0N			?	Unid	OTHR 66pps and varying to 71 pps 1 second bursts and 20 second gaps	RE68XL	NZART	ZL2TZE	
14223		2011	07	08	<0420>	0420	P0N			?	Unid	OTHR S9	RE68XL	NZART	ZL2TZE	
14228.8	3	2011	7	15	0940		J3E/U					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA		
14229.0	11	2011	7	24	0600>		P0N					SOHR 14229-240 & 14204-14213	QF22	WIA	VK3SIR	
14232.0	3	2011	7	12	0840		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA		
14232.4	3	2011	7	11	0840		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA		
14235.1	3	2011	7	11	0840		J3E/L					ASIAN, FAMILY NET	QG52xi	WIA		
14236.5	27	2011	07	17	<0232>	0232- 0241 0730- 0800	P0N		315	?	Unid	OTHR 47 pps 5 second bursts and 28.5 second gaps S9+ short pulses	RF73MF	NZART	ZI1GWE	
14240		2011	07	22	<0730>	0800	F1B	250		?	Unid	Non standard speed - encrypted	RF72LQ	NZART	ZL1BAD	
14242.0	5	2011	7	12	0840		G7D					>15 SUBCARRIERS ON 250 HZ SPACING, EACH HEAVILY PSK'D	QG52xi	WIA		

14245.0	3	2011	7	1	0910		J3E/U				ASIAN, MUSIC BROADCAST	QG52xi	WIA	
14247.0	3	2011	7	20	0740		J3E/U				ASIAN	QG52xi	WIA	
14250.0	3	2011	7	9	0905		J3E/U				DAILY, ASIAN, FAMILY NET, ENGINE NOISE	QG52xi	WIA	
14250.0	5	2011	7	22	1045		G7D				PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	
14250.0	6	2011	7	1	0915		A3E		KRE		DAILY, SW BROADCAST	QG52xi	WIA	
14250		2011	07	22	<0730>	0730	A3E		KOR	Unid	B-C Str. 5th Harmonic of 2850 KHz	RF72LQ	NZART	ZL1BAD
14253.1	3	2011	7	9	0905		J3E/U				MIDDLE EASTERN MUSIC	QG52xi	WIA	
14262.3	3	2011	7	11	0850		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	
14262.5	15	2011	07	16	<0042>	0042	P0N	300	?	Unid	OTHR 71pps 3.8 second bursts and 29.1 seconds gap S9	RF73MF	NZART	ZL1GWE
14270		2011	07	29	<0409>	0409	P0N		?	Unid	OTHR 66pps 3.9 second bursts and 26 second gaps	RE68XL	NZART	ZL2TZE
14272.0	3	2011	7	7	0750		J3E/U		PHL		TAGALOG, FAMILY NET	QG52xi	WIA	
14277.6	3	2011	7	11	0840		J3E/U				DAILY, ASIAN, FAMILY NET	QG52xi	WIA	
14277.7	3	2011	7	3	01:43-- 01:50		J3E/U	360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	4	00:48-- 00:49		J3E/U	360	INS		1 male calling	OF84wx	WIA	
14277.7	3	2011	7	4	01:21-- 01:22		J3E/U	360	INS		2 males calling, no messages yet	OF84wx	WIA	
14277.7	3	2011	7	4	01:33-- 01:35		J3E/U	360	INS		2 males calling, no copy of each other	OF84wx	WIA	
14277.7	3	2011	7	5	00:50-- 00:51		J3E/U	360	INS		Male-female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	5	01:08-- 01:10		J3E/U	360	INS		2 males-1 female pass coded messages, (weathwer info)	OF84wx	WIA	
14277.7	3	2011	7	6	00:55-- 00:56		J3E/U	360	INS		2 males, no messages yet	OF84wx	WIA	
14277.7	3	2011	7	6	02:45-- 02:54		J3E/U	360	INS		3 males talking, no coded messages yet	OF84wx	WIA	
14277.7	3	2011	7	7	00:51-- 01:05		J3E/U	360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	13	00:28-- 00:31		J3E/U	360	INS		Male-female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	14	00:25-- 00:29		J3E/U	360	INS		Male-female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	14	00:38-- 00:55		J3E/U	360	INS		2 males 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	14	01:00-- 01:02		J3E/U	360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	17	03:47-- 03:52		J3E/U	360	INS		2 males 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	32	01:03-- 01:06		J3E/U	360	INS		2 males pass coded measages, (weather info)	OF84wx	WIA	

14277.7	3	2011	7	23	01:14-- 01:30	J3E/U		360	INS		3 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	25	01:25-- 01:36	J3E/U		360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	26	00:54-- 00:55	J3E/U		360	INS		Male-female, no messages yet	OF84wx	WIA	
14277.7	3	2011	7	27	01:24-- 01:25	J3E/U		360	INS		2 males, no coded messages yet	OF84wx	WIA	
14277.7	3	2011	7	29	01:21-- 01:22	J3E/U		360	INS		1 male calling, no reply	OF84wx	WIA	
14277.7	3	2011	7	29	01:47-- 01:50	J3E/U		360	INS		2 males 1 female, pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	7	30	00:59-- 01:00	J3E/U		360	INS		Male-female, no messages yet	OF84wx	WIA	
14277.7	3	2011	7	31	01:23-- 01:27	J3E/U		360	INS		2 females, passing coded messages, (weather info)	OF84wx	WIA	
14277.76	3	2011	7	5	00:30-- 00:35	J3E/U		360	INS		Male-female pass coded messages, (weather info)	OF84wx	WIA	
14280.0	0.5	2011	7	13	0810	A1A					HAND-SEND, ENCRYPTED	QG52xi	WIA	
14285.9	3	2011	7	12	0845	J3E/U					ASIAN	QG52xi	WIA	
14287.8	3	2011	7	1	0750	J3E/U					DAILY, ASIAN, SOUNDS CHINESE. FAMILY NET	QG52xi	WIA	
14290.0	3	2011	7	11	0840	J3E/L					DAILY, ASIAN, FAMILY NET	QG52xi	WIA	
14292.0	0.5	2011	7	1	0915	A1A					DAILY, CYRILLIC MORSE, NO CALLS	QG52xi	WIA	
14299.0	3	2011	7	27	0810	J3E/L					ASIAN	QG52xi	WIA	
14300.0	5	2011	7	20	0755	G7D					AROUND 10 PAIRS OF SUBCARRIERS 80 HZ, EACH PAIR 200 HZ APART	QG52xi	WIA	
14306	28	2011	07	31	<0552>	0552- 0656	P0N	315	?	Unid	OTHR 66pps 0.3 second bursts and 1.6 second gaps	RF73MF	NZART	ZL1GWE
14307		2011	07	11	<0324>	0324	P0N	300	?	Unid	OTHR 66pps S9 blasting IARU contestants	RF73MF	NZART	ZL1GWE
14308.8	3	2011	7	17	0835	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14314.4	3	2011	7	7	1005	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14317.6	3	2011	7	17	0835	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14318.0	0.5	2011	7	28	0810	A1A					NUMBER CIPHER + LTR T + Q SIGNALS	QG52xi	WIA	
14322.3	3	2011	7	17	0835	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14322.9	3	2011	7	24	0920	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14323.1	3	2011	7	15	0945	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14328.7	3	2011	7	11	0845	J3E/U					DAILY, ASIAN, FAMILY NET	QG52xi	WIA	
14330.0	12	2011	7	13	0944-1000>	P0N				unid	OHR Radar PRF 43Hz, 4 sec burst every 28 secs	QF22	WIA	VK3MV
14332.0	1	2011	7	1	0715	F1B	HIGH	250				QG52xi	WIA	
14333.6	3	2011	7	27	0810	J3E/L					ASIAN	QG52xi	WIA	
14335.0	5	2011	7	28	0815	G7D					8 SUBCARRIERS ON 200 HZ CENTRES, BROAD PSK ON	QG52xi	WIA	

EACH

14339.5	23	2011	07	10	<0349>	0349	P0N	300	?	Unid	OTHR S9 71 pps 1.9 second bursts and 75 second gaps	RF73MF	NZART	ZL1GWE
14340.0	30	2011	7	21	0905		P0N				OTHR	QG52xi	WIA	
14340.0	10	2011	7	1	2230-2300		A3E				VOA INTERMOD	QG52xi	WIA	
14340.6	3	2011	7	27	0845		J3E/L				ASIAN, FAMILY NET	QG52xi	WIA	
14345.4	3	2011	7	14	0935		J3E/U				ASIAN	QG52xi	WIA	
14345.7	3	2011	7	28	0815		J3E/U				ASIAN	QG52xi	WIA	
14346.5	23	2011	07	16	<0621>	0621-0633	P0N	300	?	Unid	OTHR 66.7 pps 3.8 second bursts and 23.7 second gaps S9 FMCW	RF73MF	NZART	ZL1GWE
14350.0	3	2011	7	7	0750		J3E/U				ASIAN, SOME SPLATTER INTO AMATEUR ALLOCATION	QG52xi	WIA	
18085.5	0.5	2011	7	19	0500-0600>		A1A		unid	unid	CW dots 37 wpm. Was located in Northern California	QF22	WIA	VK3MV
21000.0	30	2011	7	1	0715		P0N				OTHR	QG52xi	WIA	
21050.0	3	2011	7	16	0000		J3E/U				ASIAN	QG52xi	WIA	
21055.0	3	2011	7	1	0745		J3E/L				ASIAN, NOT CHINESE	QG52xi	WIA	
21056.9	0.5	2011	7	25	0800		A1A			ILIE	NUMBER CIPHER, BLOCKS OF 5	QG52xi	WIA	
21068.2	3	2011	7	27	0010		J3E/L				ASIAN	QG52xi	WIA	
21100.0	6	2011	7	26	0700		A3E				ASIAN	QG52xi	WIA	
21100.0	25	2011	7	7	0755		P0N				OTHR	QG52xi	WIA	
21199.0	5	2011	7	14	0940		G7D				PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	
21200.0	25	2011	7	1	0715		P0N				OTHR	QG52xi	WIA	
21200.0	5	2011	7	17	0845		G7D				>20 SUBCARRIERS ON 80HZ INCREMENTS	QG52xi	WIA	
21234.0	1	2011	7	29	0725		F1B	700			BURSTS	QG52xi	WIA	
21237	14	2011	07	24	<0158>	0158-0216	P0N	315	?	Unid	OTHR 40 pps S1 1.5 seconds bursts and 45 second gaps with bleap at start	RF73MF	NZART	ZL1GWE
21238	14	2011	07	04	<2315>	2315-2318	VXX	30	USA	Unid	CODAR S7 9 pps infrequent 12 second bursts and long gaps inbetween	RF73MF	NZART	ZL1GWE
21275.0	20	2011	7	24	0925		P0N				OTHR, VERY SHORT BURSTS	QG52xi	WIA	
21300.0	200	2011	7	1	0715		P0N				OTHR	QG52xi	WIA	
21311.0	6	2011	7	1	0720		G7D				>20 SUBCARRIERS ON 80HZ INCREMENTS	QG52xi	WIA	
21436.0	5	2011	7	17	0845		G7D				DAILY, >20 SUBCARRIERS ON 80HZ INCREMENTS	QG52xi	WIA	
24905.0	6	2011	7	30	0300		A3E				ASIAN	QG52xi	WIA	
24965.0	6	2011	7	26	0545		A3E				ASIAN	QG52xi	WIA	
28005.0	6	2011	7	26	0535		A3E				ASIAN	QG52xi	WIA	
28035.0	6	2011	7	1	0740		A3E				ASIAN	QG52xi	WIA	
28045.0	6	2011	7	26	0535		A3E				ASIAN	QG52xi	WIA	
28050.0	6	2011	7	1	0740		A3E				ASIAN	QG52xi	WIA	

28065.0	6	2011	7	1	0740	A3E	ASIAN	QG52xi	WIA
28070.0	6	2011	7	1	0735	A3E	ASIAN	QG52xi	WIA
28075.0	6	2011	7	26	0535	A3E	ASIAN	QG52xi	WIA
28125.0	6	2011	7	26	0535	A3E	ASIAN	QG52xi	WIA
28135.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28145.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28150.0	6	2011	7	1	0735	A3E	ASIAN	QG52xi	WIA
28185.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28225.0	6	2011	7	1	0725	A3E	ASIAN	QG52xi	WIA
28265.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28270.0	6	2011	7	26	0540	A3E	ASIAN	QG52xi	WIA
28285.0	6	2011	7	16	0815	A3E	ASIAN	QG52xi	WIA
28300.0	6	2011	7	1	0725	A3E	ASIAN	QG52xi	WIA
28355.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28385.0	6	2011	7	1	0725	A3E	ASIAN	QG52xi	WIA
28437.5	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28450.0	6	2011	7	1	0725	A3E	ASIAN	QG52xi	WIA
28525.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28625.0	6	2011	7	26	0530	A3E	ASIAN	QG52xi	WIA
28640.0	40	2011	7	2	0630	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28645.0	6	2011	7	26	0525	A3E	ASIAN	QG52xi	WIA
28655.0	6	2011	7	26	0525	A3E	ASIAN	QG52xi	WIA
28665.0	6	2011	7	26	0525	A3E	ASIAN	QG52xi	WIA
28750.0	6	2011	7	26	0525	A3E	ASIAN	QG52xi	WIA
28762.5	6	2011	7	1	0720	A3E	ASIAN	QG52xi	WIA
28850.0	6	2011	7	1	0720	A3E	ASIAN	QG52xi	WIA
28875.0	6	2011	7	16	0815	A3E	ASIAN	QG52xi	WIA
29175.0	6	2011	7	1	0735	A3E	ASIAN	QG52xi	WIA
29237.5	6	2011	7	2	0630	A3E	ASIAN	QG52xi	WIA
29260.0	6	2011	7	26	0735	A3E	ASIAN	QG52xi	WIA
29375.0	6	2011	7	26	0540	A3E	ASIAN	QG52xi	WIA
29460.0	6	2011	7	26	0700	A3E	ASIAN	QG52xi	WIA
29500.0	6	2011	7	26	0525	A3E	ASIAN	QG52xi	WIA
29650.0	6	2011	7	1	0730	A3E	ASIAN	QG52xi	WIA
29675.0	6	2011	7	26	0520	A3E	ASIAN	QG52xi	WIA
29687.5	6	2011	7	26	0520	A3E	ASIAN	QG52xi	WIA