



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



August 2011

Peter Young VK3MV

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

This month there were 1099 observations made across the Region, which contrasts with 1055 last month.

The Australian Regulator, the ACMA has advised that the spurious emission on 7145 kHz for a Radio Australia has been resolved.

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		2011	8	9	0840		A1A					2AFLM	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
1802.9		2011	8	2	1010		A1A					4BHI	DRIFTNET BEACON	QG52xi	WIA	
1803.8		2011	8	7	1015		A1A					2AFMN	DRIFTNET BEACON	QG52xi	WIA	
1804.0		2011	8	5	1030		A1A					2AHAF	DRIFTNET BEACON	QG52xi	WIA	
1804.0		2011	8	5	1130		A1A					4JBT	DRIFTNET BEACON	QG52xi	WIA	
1805.0		2011	8	2	1010		A1A					4QXJ	DRIFTNET BEACON	QG52xi	WIA	
1806.0		2011	8	13	0950		A1A					VZ6	DRIFTNET BEACON	QG52xi	WIA	
1807.0		2011	8	3	0835		A1A					2AEGH	DRIFTNET BEACON	QG52xi	WIA	
1810.0		2011	8	5	1005		A1A					DZ4	DRIFTNET BEACON	QG52xi	WIA	
1811.0		2011	8	13	0955		A1A					4QVS	DRIFTNET BEACON	QG52xi	WIA	
1815.0		2011	8	3	0900		A1A					YR7	DRIFTNET BEACON	QG52xi	WIA	
1820.0		2011	8	5	0945		A1A					4IKZ	DRIFTNET BEACON	QG52xi	WIA	
1820.0		2011	8	3	0950		A1A					2AFQR	DRIFTNET BEACON	QG52xi	WIA	
1834.0		2011	8	5	0710		A1A					2AHAP	DRIFTNET BEACON	QG52xi	WIA	
3503.0	3	2011	8	12	0740		J3E/L						ASIAN, SOUNDS			
3511.0	3	2011	8	8	0750		J3E/U				J		TAGALOG	QG52xi	WIA	
													JAPANESE	QG52xi	WIA	
3511		2011	08	08	<0732>	0732	J3E/U				J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RF73MF	NZART	ZL1GWE
3519		2011	08	20	<0719>	0719-0724	J3E/U				J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RF73MF	NZART	ZL1GWE
3535.0	5	2011	8	26	1950		G7D						DAILY, APPROX 20 SUBCARRIERS ON 100 HZ CENTRES	QG52xi	WIA	
3535.0	3	2011	8	11	1545		J3E/U						ASIAN	QG52xi	WIA	
3560	6	2011	08	07		22:12	A3E						Voice of Korea in English		JARL	
3560	6	2011	08	15		04:39	A3E						Broad casting in Spanish(?)		JARL	
3560	6	2011	08	15		05:00	A3E						Voice of Korea in French(?)		JARL	
3584.0	3	2011	8	1	2025		J1C							QG52xi	WIA	
3599.0	3	2011	8	9	0825		J3E/U						ASIAN, SOUNDS			
3623.0	3	2011	8	2	1930		J1C						CHINESE	QG52xi	WIA	
														QG52xi	WIA	
3689		2011	08	22	<1815>	1815	J3E/U				J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RE68XL	NZART	ZL2TZE
3733		2011	08	14	<0629>	0629	J3E/U				J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RF73MF	NZART	ZL1GWE
3745		2011	08	01	<1925>	1925	J3E/U				J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RE68XL	NZART	ZL2TZE
3745		2011	08	07	<1929>	1929	J3E/U				J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RF73MF	NZART	ZL1GWE

3766		2011	08	05	<1834>	1834-1845	J3E/U	J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RE68XL	NZART	ZL2TZE
3775		2011	08	24	<1845>	1845	J3E/U	J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RE68XL	NZART	ZL2TZE
3780		2011	08	05	<1837>	1837-1845	J3E/U	J	Unid	Non Amateurs suspected Japanese fishing vessels of East Coast of NZ	RE68XL	NZART	ZL2TZE
3797	0.5	2011	08	07		22:19	A1A			h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	08	12		20:18	A1A			h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	08	15		04:43	A1A			h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	08	21		22:32	A1A			h2f1 h2f1 h2f1 de drvz drvz v		JARL	
3797	0.5	2011	08	25		04:16	A1A			h2f1 h2f1 h2f1 de drvz drvz v		JARL	
6900.0	300	2011	8	2	1005		P0N			DAILY, CONSTANT. SPILLS OVER INTO AMATEUR			
7000.0	3	2011	8	3	0820		J3E/U	INS		ALLOCATION	QG52xi	WIA	
7000		2011	08	DY	<0330>	0330-2200	J3E/L	?	Unid	DAILY, VILLAGE RADIO	QG52xi	WIA	
7005.0	3	2011	8	15	1010		J3E/L	INS		NON-AMATEURS	RF72LQ	NZART	ZL1BAD
7007.6		2011	08	12	<0640-0645>		J3E/U	CLN	UNID	DAILY, VILLAGE RADIO	QG52xi	WIA	
7010.0	3	2011	8	1	0810		J3E/L	INS		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MJ89	ARSI	
7010.0	3	2011	8	2	1005		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7010		2011	08	12	<0810>	0810	J3E/U	INS	Unid	DAILY, VILLAGE RADIO	QG52xi	WIA	
7012.5		2011	08	26	<2045>	2045 0800-0815	P0N	?	Unid	Indonesian Non-amateurs OTHSAR stereo radar S1 and building in strength	RF72LQ	NZART	ZL1BAD
7015		2011	08	12	<0800>		J3E/U	?	Unid		RF73MF	NZART	ZL1GWE
7020.0	3	2011	8	13	1935		J3E/L	INS		Non-amateurs	RF72LQ	NZART	ZL1BAD
7020.0	3	2011	8	2	1000		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7023		2011	08	12	<2045>	2045	J3E/U	?	Unid	DAILY, VILLAGE RADIO	QG52xi	WIA	
7023	34	2011	08	13	1706		P0N	non	non	Non-amateurs 7006KHz ~ 7040KHz wide pulse mode PoN OTHR ?	RF72LQ	NZART	ZL1BAD
7023	34	2011	08	15	1704		P0N	non	non	7006KHz ~ 7040KHz wide pulse mode PoN OTHR ?		JARL	non
7023	34	2011	08	15	1806		P0N	non	non	7006KHz ~ 7040KHz wide pulse mode PoN OTHR ?		JARL	non

7029	34	2011	08	23	1710	P0N	non	non	non	7012KHz ~ 7046KHz wide pulse mode P0N OTHR ?	JARL	non	
7030.0	5	2011	8	10	2005	A3E				CARRIER WITH 50 HZ HUM SIDEBANDS, DRIFTS BADLY	QG52xi	WIA	
7030.4	3	2011	8	1	0810	J3E/U				MUSIC BROADCAST, ASIAN	QG52xi	WIA	
7031.6		2011	08	13	<1030-1035>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MJ89	ARSI	
7034.2		2011	08	12	<1150-1155>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MJ89	ARSI	
7036	3	2011	08	25	1810	F1B	non	non	non	IDL only	JARL	non	
7036	3	2011	08	31	1810	F1B	non	non	non	IDL only	JARL	non	
7038.2		2011	08	DY	<0330>	A1A		RUS	L	St Peterburg Beacon L DAILY, HARBOUR	RF72LQ	NZART	ZL1BAD
7038.7		2011	8	10	2010	A1A		RU	D	BEACON	QG52xi	WIA	
7038.8		2011	8	10	2010	A1A		RU	P	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.9		2011	8	19	1915	A1A		RU	S	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039		2011	08	DY	<0330>	A1A		RUS	A	Astrakhan (No call sign) Vladivostok - Beacon F	RF72LQ	NZART	ZL1BAD
7039		2011	08	DY	<0330>	A1A		RUS	F	callsign RJS	RF72LQ	NZART	ZL1BAD
7039		2011	08	DY	<0330>	A1A		RUS	P	Kaliningrad - Beacon P callsign RMP	RF72LQ	NZART	ZL1BAD
7039	0.5	2011	08	01	0850	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	08	01	0852	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	01	1030	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	01	1032	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	01	1240	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	01	1242	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	01	1602	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	01	1604	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	01	1702	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	01	1704	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	01	1802	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	01	1804	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	01	1810	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	01	2208	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	02	0850	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	02	0852	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	02	1040	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	02	1042	A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039	0.5	2011	08	02	1220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	02	1222	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	02	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	02	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	02	1606	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	02	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	02	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	02	1710	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	02	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	02	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	02	1808	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	02	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	03	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	03	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	03	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	03	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	03	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	03	1232	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	08	03	1236	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	03	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	03	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	03	1606	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	03	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	03	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	03	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	03	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	03	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	04	1046	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	1048	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	04	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	04	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	1236	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	04	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	04	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	04	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	04	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	04	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	05	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	1036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	08	05	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	05	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	05	1608	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	05	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	05	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	05	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	0848	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	0850	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	1046	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	1048	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	1054	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	06	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	06	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	06	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	06	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	06	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	07	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	1044	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	07	1046	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	07	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	07	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	07	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	07	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	08	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	08	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	08	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	08	1052	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	08	1220	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	08	1222	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	08	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	08	08	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	08	1608	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	08	1708	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	08	1710	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	08	1808	A1A	37	RUS	K--signal	Beacon	JARL	non
7039	0.5	2011	08	08	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	09	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	09	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	09	1046	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	09	1048	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	09	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	09	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	09	1236	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	09	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	09	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	09	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	09	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	09	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	09	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	09	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	10	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	10	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	10	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	10	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	10	1706	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	10	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	10	1806	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	10	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	11	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	11	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	11	1046	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	11	1048	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	11	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	11	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	11	1610	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	11	1612	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	11	1708	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	11	1710	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	11	1818	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	08	11	1820	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	11	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	12	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	12	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	12	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	12	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	12	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	13	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	13	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	13	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	13	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	13	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	13	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	13	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	13	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	13	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	13	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	13	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	13	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	14	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	14	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	14	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	14	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	14	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	14	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	14	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	14	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	14	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	14	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	14	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	14	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	14	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	14	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	15	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	15	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	15	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	15	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
										7120KHz ~ 7154KHz wide pulse mode P0N		
7039	0.5	2011	08	15	1246	P0N	non	non	non		JARL	non

OTHR ?

7039	0.5	2011	08	15	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	15	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	15	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	15	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	16	0850	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	16	0852	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	16	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	16	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	16	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	16	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	16	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	16	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	16	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	16	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	16	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	16	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	16	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	17	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	17	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	17	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	17	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	17	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	17	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	17	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	17	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	17	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	17	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	17	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	17	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	17	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	18	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	18	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	18	1034	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	18	1036	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	18	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	18	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	18	1612	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	18	1614	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	18	1720	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	18	1722	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	18	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	18	1808	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	18	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	08	19	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	19	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	19	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	19	1032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	19	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	19	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	19	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	19	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	19	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	19	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	19	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	19	1804	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	08	19	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	20	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	20	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	20	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	20	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	20	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	20	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	20	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	20	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	20	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	20	1708	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	20	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	20	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	20	1810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	20	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	21	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	21	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	1236	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	1238	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	21	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	21	1608	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	21	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	08	21	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	1708	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	21	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	21	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	21	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	08	22	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	08	22	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	08	22	1040		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	22	1042		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	22	1230		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	22	1232		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	22	1602		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	22	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	22	1702	anytime	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
											7066KHz ~ 7100KHz wide pulse mode P0N			
7039	0.5	2011	08	22	1704		A1A	15	RUS	M--signal	OTHR ?		JARL	Magadan
7039	0.5	2011	08	22	1804		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	22	1806		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	22	2208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	0842		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	23	0844		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	1030		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	1032		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	23	1212		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	23	1214		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	1220		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	23	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	23	1606		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	23	1704		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	23	1706		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	1708		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	23	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	23	1806		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	1808		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	23	2208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	23	2210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	0840		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	24	0842		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	1030		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	24	1032		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	1210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	1212		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	24	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	1604		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	24	1702		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	1704		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	24	1802		A1A	37	RUS	K--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	24	1804		A1A	15	RUS	M--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	24	2210	anytime	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	08	25	0840		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok

7039	0.5	2011	08	25	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	25	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	25	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	25	1206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	25	1208	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	25	1212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	25	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	25	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	25	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	25	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	25	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	25	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	25	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	28	1430	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	28	1432	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	29	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	29	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	29	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	29	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	29	1036	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	29	1242	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	29	1244	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	29	1248	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	29	1616	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	29	1618	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	29	1622	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	29	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	29	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	29	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	29	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	29	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	29	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	30	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	30	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	30	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	30	1036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	30	1040	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	30	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	30	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	08	30	1236	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	30	1602	anytime	A1A	15	RUS	M--signal	PM97	JARL	Magadan
7039	0.5	2011	08	30	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	30	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	08	30	1706	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	08	30	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	08	30	1812		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	30	2210		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	31	0840		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	31	0842		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	1030		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	31	1032		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	1036		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	31	1240		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	1242		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	08	31	1246		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	31	1430		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	1434		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	31	1602		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	31	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	1702		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	31	1704		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	1804		A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	08	31	1806		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	08	31	2208	anytime	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039.2		2011	8	4	0905		A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.21	0.5	2011	08	24		06:36	A1A				train of "F","M" DAILY, HARBOUR BEACON		JARL	
7039.3		2011	8	3	0820		A1A		RU	K	BEACON	QG52xi	WIA	
7039.3		2011	08	26	<2041>	2041 0330-2200	A1A		RUS	K	K Beacon S1 Petropavlovsk - Beacon K callsign RCC DAILY, HARBOUR BEACON	RF73MF	NZART	ZL1GWE
7039.3		2011	08	DY	<0330>		A1A		RUS	K	BEACON	RF72LQ	NZART	ZL1BAD
7039.4		2011	8	4	0905		A1A		RU	M	Moscow - Beacon C callsign RIW Severomorsk - Beacon S callsign RIT	QG52xi	WIA	
7039.4		2011	08	DY	<0330>	0330-2200	A1A		RUS	C	train of "F","M" and "K"	RF72LQ	NZART	ZL1BAD
7039.9		2011	08	DY	<0330>	2200	A1A		RUS	S	train of "F","M"	RF72LQ	NZART	ZL1BAD
7040	0.5	2011	08	07		22:23	A1A				train of "F","M"		JARL	
7040	0.5	2011	08	12		04:39	A1A				train of "F","M"		JARL	
7040	0.5	2011	08	15		04:45	A1A				train of "F","M"		JARL	
7040	0.5	2011	08	21		22:37	A1A				train of "F","M","K"		JARL	
7040	0.5	2011	08	25		04:22	A1A				NEW FREQUENCY CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7041.7		2011	8	26	1935		A1A		RU	L	DAILY, CONTINUOUS	QG52xi	WIA	
7050.0	30	2011	8	7	1955		VXX					QG52xi	WIA	
7054.0	2	2011	8	2	1930		F1B	HIGH	200			QG52xi	WIA	
7054		2011	08	30	<1900>	1900-2030	F1B		250	RUS	?	RF72LQ	NZART	ZL1BAD
7055	30	2011	08	07	<1940>	1940	VXX			?	?	RF72LQ	NZART	ZL1BAD
7077	34	2011	08	09	1606		P0N		non	non	non		JARL	non

7077	34	2011	08	11	1614	P0N	non	non	non	7160KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7077	34	2011	08	18	1616	P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	01	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	01	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	03	1610	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	03	1708	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	04	1606	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	04	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	05	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	07	1704	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	09	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	10	1606	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	13	1606	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	18	1724	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	21	1710	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	21	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	22	1810	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	24	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non

7083	34	2011	08	24	1806	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	08	25	1706	P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7085.8		2011	8	26	2020	A1A			B8NS	DH1B DE B8NS	QG52xi	WIA
7099.9		2011	8	4	0900	A1A		RU	F	NEW FREQUENCY	QG52xi	WIA
7100.0		2011	8	23	1005	A1A				NUMBER CIPHER	QG52xi	WIA
7100.0	3	2011	8	1	0810	J3E/U				ASIAN	QG52xi	WIA
7105	5	2011	08	01	2202	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	01	2204	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	02	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	02	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	03	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Vladivostok
7105	3	2011	08	03	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	04	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	04	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	05	2202	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	05	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL non
7105	5	2011	08	06	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	06	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	07	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	07	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	0.5	2011	08	08	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	0.5	2011	08	08	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	09	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	09	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	10	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL Hohhot
7105	3	2011	08	10	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	11	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	11	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	12	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	12	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	08	13	2202	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	08	13	2204	A3E	non	CHN	non	Chinese Talk and Music	JARL	non

7105	5	2011	08	14	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	14	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	15	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	15	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	16	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	16	2206	anytime	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2011	08	17	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	17	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	18	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	18	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	19	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	19	2204		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	20	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	20	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	21	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	21	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	22	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	22	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	23	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	23	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	24	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	24	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	25	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	25	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	29	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	5	2011	08	29	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	29	2204		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	3	2011	08	29	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	30	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	30	2206		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7105	5	2011	08	31	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music		JARL	Hohhot
7105	3	2011	08	31	2204		A3E	non	CHN	non	Chinese Talk and Music		JARL	non
7110.0	6	2011	8	12	1540		A3E		ETH		RADIO ETHIOPIA	QG52xi	WIA	
7112.0	5	2011	8	11	1535		G7D				>10 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	

7113	34	2011	08	03	1808		P0N		non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	08	17	1246		P0N		non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	08	17	1606		P0N		non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	08	17	1706		P0N		non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	08	23	1034		P0N		non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7118	3	2011	08	02	1610		JM		non	non	non	white noise	JARL	non	
7118.6		2011	8	11	1555		N0N						QG52xi	WIA	
7120.0	5	2011	8	11	1535		G7D					>10 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7120	3.3	2011	08	12	<0805>	0805	M7B			?	Unid	Multi chnl	RF72LQ	NZART	ZL1BAD
7120	3	2011	08	12	1236		JM		non	non	non	white noise		JARL	non
7125.0	6	2011	8	10	2000		A3E				GUI	RADIO CONAKRY	QG52xi	WIA	
7125		2011	08	DY	<0435>	0435- 0700	A3E			?	Unid	B-C Stn	RF72LQ	NZART	ZL1BAD
7125		2011	08	DY	<1910>	1910- 2035	A3E			?	Unid	B-C Stn.	RF72LQ	NZART	ZL1BAD
7132.0	5	2011	8	19	1910		G7D					>10 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7132	3.3	2011	08	20	<2015>	2015	M7B			?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7137	34	2011	08	01	1034		P0N		non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	08	02	1224		P0N		non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	Vladivostok	
7137	34	2011	08	06	1710		P0N		non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	08	14	1046		P0N		non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	08	14	1706		P0N		non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	08	15	1604		P0N		non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	08	22	1706		P0N		non	non	non	Beacon	JARL	non	
7140.0	20	2011	8	23	1010		P0N					OTHR	QG52xi	WIA	
7143	34	2011	08	02	1044		P0N		non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	

7143	34	2011	08	03	1046		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	04	1050		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	04	1808		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	07	1050		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	07	1236		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	08	1702		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	08	1802		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	09	1050		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	13	1806	anytime	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2011	08	16	1710		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	17	1034		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	17	1810		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	08	23	1810		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7148.3	5	2011	8	2	1925		A3E				RADIO AUSTRALIA? 7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	
7149	34	2011	08	01	1246		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7149	34	2011	08	23	1608		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7150.0	30	2011	8	2	1000		VXX				CODAR, SWEEPS 30 KHZ 7134KHz ~ 7168KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	
7151	34	2011	08	23	1216		P0N	non	non	non	7134KHz ~ 7168KHz wide pulse mode P0N OTHR ?	JARL	Magadan	
7160.6	3	2011	8	12	0650		J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	
7162.0	3	2011	8	2	1000		J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	

7163.7		2011	08	12	<1150-1158>	J3E/L			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM 7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	MJ89	ARSI	
7167	34	2011	08	12	1608	P0N		non	non	non	VOICE OF THE BROAD MASSES		JARL	non
7170.0	6	2011	8	11	1550	A3E			ERI		7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	
7173	34	2011	08	02	1706	P0N		non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?		JARL	non
7173	34	2011	08	02	1812	P0N		non	non	non	DAILY		JARL	non
7174.0	1	2011	8	6	0930	F1B	HIGH	500			Non-standard speed - unable to print	QG52xi	WIA	
7174		2011	08	06	<1900>	F1B		500		?	Unid	RF72LQ	NZART	ZL1BAD
7175.0	5	2011	8	8	0915	G7D					PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	
7175	3	2011	08	06	1050	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	06	1236	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	06	1606	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	06	1708	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	06	1808	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	07	1606	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	07	1706	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	07	1806	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	08	1054	F1B		non	non	non	now on air	PM97	JARL	non
7175	3	2011	08	08	1224	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	08	1704	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	08	1804	F1B		non	non	non	now on air		JARL	Vladivostok
7175	3	2011	08	21	1046	F1B		non	non	non	now on air		JARL	non
7175	3	2011	08	21	1242	F1B		non	non	non	now on air		JARL	non
7175.9	9	2011	8	8	0900- 1030>	A3A			unid		Mixed with 2 tone jammer in background	QF22ma	WIA	
7177.0	5	2011	8	2	0955	G7D					PILOT TONE 7177.25, BROAD PSK ABOVE 7160KHz ~ 7094KHz wide pulse mode P0N OTHR ?	QG52xi	WIA	
7177	34	2011	08	13	1046	P0N		non	non	non	now on air		JARL	non
7180	3	2011	08	11	1052	F1B		non	non	non	now on air		JARL	non
7180	3	2011	08	11	1244	F1B		non	non	non	now on air		JARL	Kamchatskiy
7185.0	5	2011	8	1	0805	G7D					PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	
7185.0	6	2011	8	15	1005	A3E					BURMESE DOMESTIC TRANSMISSION	QG52xi	WIA	
7185	6	2011	08	12	<1150-1157>	A3E			BRM	DOM.SER		MJ89	ARSI	

7186.0	9	2011	8	7	<1141>	A3A			unid	Popular music	QF22ma	WIA	VK3MV	
7190.0	3	2011	8	6	0930	J3E/U			PHL	DAILY, TAGALOG	QG52xi	WIA		
7190	8	2011	08	12	<1150-1158>	A3E			CLN	SLBC	SRI LANKA'S SLBC IN TELUGU SERVICE.	MJ89	ARSI	
7200.0	6	2011	8	2	1930	A3E			SDN		SW BROADCAST	QG52xi	WIA	
7232.0	1	2011	8	1	0805	F1B	HIGH	500			DAILY	QG52xi	WIA	
14000.0	3	2011	8	6	0820	J3E/U					DAILY, ASIAN	QG52xi	WIA	
											DAILY, WIDE PSK. 24 x 7, MY GUESS. DK2OM			
14000.0	6	2011	8	3	0810	G1D					HEARS IT, TOO.	QG52xi	WIA	
14000	3	2011	8	1	<08:23-- 08:45	J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	8	2	23:30-- 00:00	J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	8	3	<23:15-- 23:37	J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	8	9	<23:35-- 23:50	J3E/U		315	CLN		Group of males	OF845wx	WIA	
14000	3	2011	8	10	<23:30-- 00:00	J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	8	12	05:07-- 05:30>	J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	8	19	23:25-- 23:30	J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	8	19	<23:27-- 23:31	J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	8	22	08:04-- 08:16	J3E/U		315	CLN		1 male calling, then playing music	OF84wx	WIA	
14000	3	2011	8	23	<01:45-- 01:53	J3E/U		360	INS		2 males	OF84wx	WIA	
14000	3	2011	8	23	<23:40-- 00:15	J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	8	25	07:45-- 08:37	J3E/U		315	CLN		2 males	OF84wx	WIA	
14000	3	2011	8	25	<23:00-- 00:22>	J3E/U		315	CLN		Group of males	OF84wx	WIA	
14000		2011	08	16	<0700>	P0N			?	Unid	OTHR 68 pps repeats 35 seconds 7 second bursts and 84pps	RF80HL	NZART	ZL2iFB
14000.3		2011	08	22	<1910>	J3E/U		70	?	Unid	Non amateurs heavy french accent S7	RF80HL	NZART	ZL2iFB
14001.0		2011	8	2	0945	A1A					CIPHER GROUPS	QG52xi	WIA	
14001.5	3	2011	8	2	0805	J3E/L			PHL		TAGALOG	QG52xi	WIA	
14002.0	3	2011	8	21	0945	J3E/U					ASIAN	QG52xi	WIA	
14002.7	3	2011	8	16	08:35-- 10:00>	J3E/L		315	CLN		Group of males	OF84wx	WIA	
14005.0	3	2011	8	18	0940	J3E/U					ASIAN	QG52xi	WIA	
14005.0	10	2011	8	10	2230	A3E			PHL		VOA INTERMOD -	QG52xi	WIA	

										TINANG			
14007.8	3	2011	8	30	<07:40--08:40	J3E/U	360			Male-female	OF84wx	WIA	
14008.0	2	2011	8	18	0830	F1B	250			DAILY, FOLLOWED BY N0N	QG52xi	WIA	
14008		2011	08	16	<0700>	0700	P0N	?	Unid	OTHER 68 pps repeats 35 seconds 7 second bursts and 84pps PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	RF80HL	NZART	ZL2iFB
14011.0	5	2011	8	1	0745	G7D					QG52xi	WIA	
14013	3	2011	8	27	23:45--00:02	J3E/U	360	INS		2 males	OF84wx	WIA	
14013.9	3	2011	8	25	0955	J3E/U				ASIAN SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	
14016.7		2011	08	16	<0720-0730>	J3E/U		CLN	UNID		MJ89	ARSI	
14017.0	3	2011	8	14	0535	J3E/U		PHL		TAGALOG	QG52xi	WIA	
14020		2011	08	26	<0705>	0705	F7D	?	Unid	8 chnl. Usually Russian Military - not confirmed	RF72LQ	NZART	ZL1BAD
14020.5	3	2011	8	10	23:50--00:03	J3E/U	315	CLN		2 males	OF84wx	WIA	
14020.6	3	2011	8	6	0855	J3E/U				ASIAN	QG52xi	WIA	
14020.6	3	2011	8	3	23:23--23:37	J3E/U	315	CLN		Group of males	OF84wx	WIA	
14021.6	3	2011	8	17	0815	J3E/U				ASIAN DAILY, CHINESE, FAMILY NET	QG52xi	WIA	
14022.9	3	2011	8	2	0805	J3E/U		CHN			QG52xi	WIA	
14023	3	2011	8	15	<07:02--07:23	J3E/U	360	?		2 MALES	OF84wx	WIA	
14023.3	3	2011	8	14	23:10--23:33	J3E/U	315	CLN		Group of males	OF84wx	WIA	
14023.5	3	2011	8	17	23:30--23:34	J3E/U	360	INS		2 males	OF84wx	WIA	
14023.7	3	2011	8	14	0825	J3E/U				ASIAN	QG52xi	WIA	
14023.8	3	2011	8	20	23:38--23:53	J3E/U	315	CLN		2 males	OF84wx	WIA	
14025	3	2011	8	1	23:30--23:55	J3E/U	315	CLN		Group of males	OF84wx	WIA	
14025	3	2011	8	2	23:10--00:40	J3E/U	315	CLN		Group of males	OF84wx	WIA	
14025	3	2011	8	3	<23:38--00:35	J3E/U	315	CLN		2 males	OF84wx	WIA	
14025	3	2011	8	4	23:10--23:33	J3E/U	315	CLN		Group of males	OF84wx	WIA	
14025	3	2011	8	6	23:10--01:03	J3E/U	315	CLN		2 males	OF84wx	WIA	
14025	3	2011	8	7	23:00--00:55	J3E/U	315	CLN		Group of males	OF84wx	WIA	
14025	3	2011	8	9	23:55--23:58	J3E/U	315	CLN		1 male calling, no reply	OF84wx	WIA	

14025	3	2011	8	15	<08:20-- 08:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14025	3	2011	8	18	07:55-- 08:25	J3E/U	360	INS	1male talking, listening on other frequency	OF84wx	WIA
14025	3	2011	8	18	<23:30-- 00:15>	J3E/U	315	CLN	2 males	OF84wx	WIA
14025	3	2011	8	19	23:05-- 00:28	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	19	23:00-- 00:25	J3E/U	315	CLN	2 males on and off, one male calling, no replies	OF84wx	WIA
14025	3	2011	8	20	23:10-- 00:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	22	06:52-- 06:54	J3E/U	315	CLN	3 males	OF84wx	WIA
14025	3	2011	8	22	23:00-- 23:48	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	23	23:02-- 23:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	24	23:00-- 00:10	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	26	<23:00-- 23:22	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	28	23:00-- 23:37	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	29	22:56-- 23:42	J3E/U	315	CLN	2 males	OF84wx	WIA
14025	3	2011	8	29	23:45-- 00:07	J3E/U	315	CLN	2 males	OF84wx	WIA
14025	3	2011	8	30	22:55-- 23:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14025	3	2011	8	31	22:55-- 23:50	J3E/U	315	CLN	2 males	OF84wx	WIA
14025.5	3	2011	8	7	2305	J3E/U			ASIAN	QG52xi	WIA
14029.4	3	2011	8	30	23:30-- 23:48	J3E/U	315	CLN	2 males	OF84wx	WIA
14029.8	3	2011	8	6	<07:47-- 08:02	J3E/U	315	CLN	2 males	OF84wx	WIA
14030	3	2011	8	11	<09:05-- 09:11	J3E/U	360	INS	Group of males	OF84wx	WIA
14030	3	2011	8	18	<08:25-- 08:31	J3E/U	315	CLN	Group of males	OF84wx	WIA
14030	3	2011	8	24	<08:36-- 08:45	J3E/U	315	CLN	Group of males	OF84wx	WIA
14030	3	2011	8	24	23:25-- 23:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14030	3	2011	8	25	23:15-- 00:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14030.1	3	2011	8	25	0910	J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA

14032.5	3	2011	8	24	<07:25-- 07:37	J3E/U	360		2 males 1 female	OF84wx	WIA
14032.7	3	2011	8	2	0815	J3E/U			DAILY, ASIAN	QG52xi	WIA
14032.7	3	2011	8	8	08:36-- 08:54	J3E/U	315	CLN	2 males	OF84wx	WIA
14032.7	3	2011	8	13	<08:18-- 08:55	J3E/U	360	CHN	Male-female	OF84wx	WIA
14033	3	2011	8	17	<07:12-- 07:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14033.2	3	2011	8	18	23:10-- 23:25	J3E/U	315	CLN	2 males	OF84wx	WIA
14033.8	3	2011	8	14	03:55-- 05:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.5	3	2011	8	15	23:20-- 23:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.5	3	2011	8	17	00:00-- 00:08	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.5	3	2011	8	19	23:26-- 23:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.5	3	2011	8	23	07:05-- 07:21	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.6	3	2011	8	8	23:07-- 23:25	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.6	3	2011	8	16	08:14-- 08:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.7	3	2011	8	5	2145- 0900	J3E/U			DAILY, ASIAN	QG52xi	WIA
14035.7	3	2011	8	4	<23:20-- 23:47	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.8	3	2011	8	6	<08:25-- 08:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14035.8	3	2011	8	6	<23:50-- 00:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14036.5	3	2011	8	29	23:22-- 23:34	J3E/U	315	CLN	2 males	OF84wx	WIA
14040.0	3	2011	8	26	0905	J3E/U			ASIAN	QG52xi	WIA
14040.4	3	2011	8	27	2220	J3E/L			ASIAN	QG52xi	WIA
14043.5	3	2011	8	27	23:15-- 23:37	J3E/L	315	CLN	2 males	OF84wx	WIA
14044.0	5	2011	8	15	0730	G7D			PAIRS OF SUBCARRIERS ~ 80 HZ APART. 4 PAIRS	QG52xi	WIA
14044.6	3	2011	8	7	08:45-- 08:55	J3E/L	360	CHN	Mal-female	OF84wx	WIA
14044.6	3	2011	8	16	<08:00-- 08:13	J3E/L	315	CLN	2 males	OF84wx	WIA
14045	3	2011	8	3	00:00-- 00:06	J3E/L	360	INS	2 males	OF84wx	WIA
14045	3	2011	8	17	<07:50-- 07:56	J3E/U	315	CLN	2 males	OF84wx	WIA
14045.1	3	2011	8	17	0740	J3E/U			ASIAN	QG52xi	WIA

14045.1	3	2011	8	6	0855	J3E/L			ASIAN, FAMILY NET	QG52xi	WIA
14045.9	3	2011	8	18	0915	J3E/U			ASIAN	QG52xi	WIA
14047.8	3	2011	8	6	<07:25-- 07:43	J3E/U	315	CLN	2 males	OF84wx	WIA
14048.0	3	2011	8	1	0735	J3E/U		PHL	DAILY, TAGALOG	QG52xi	WIA
14048	3	2011	8	12	<00:15-- 00:20	J3E/U	360	INS	2 males	OF84wx	WIA
14048	3	2011	8	13	<08:26-- 08:30	J3E/U	360	INS	2 males	OF84wx	WIA
14048	3	2011	8	15	00:04-- 00:08	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2011	8	16	<07:48-- 08:00	J3E/U	360	INS	2 males	OF84wx	WIA
14048	3	2011	8	17	08:00-- 08:16	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2011	8	24	<08:11-- 08:15	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2011	8	25	<07:45-- 08:00	J3E/U	360	INS	3 males	OF84wx	WIA
14048	3	2011	8	29	08:06-- 08:45	J3E/U	360	INS	2 males	OF84wx	WIA
14050.0	3	2011	8	11	0055	J3E/U			ASIAN	QG52xi	WIA
14050.0	200	2011	8	6	0745	P0N			OTHR, BURSTS	QG52xi	WIA
14051.8	3	2011	8	17	08:15-- 08:18	J3E/L	315	CLN	2 males	OF84wx	WIA
14054.0	5	2011	8	3	0730	G7D			PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA
14054.5	3	2011	8	7	<23:15-- 23:50	J3E/L	360	INS	2 males	OF84wx	WIA
14054.9	3	2011	8	26	0905	J3E/U			ASIAN	QG52xi	WIA
14054.9	3	2011	8	9	00:05-- 00:15	J3E/L	360	INS	2 males	OF84wx	WIA
14055.0	3	2011	8	7	2250	J3E/L			ASIAN, NOT CHINESE	QG52xi	WIA
14055.5	3	2011	8	19	0800	J3E/U			ASIAN	QG52xi	WIA
14055.5	3	2011	8	6	<23:30-- 23:45	J3E/U	315	CLN	Group of males	OF84wx	WIA
14055.8	3	2011	8	14	1000	J3E/U			ASIAN	QG52xi	WIA
14056.2	3	2011	8	20	0730- 2300-	J3E/U			ASIAN	QG52xi	WIA
14056.9	3	2011	8	6	0930	J3E/U			DAILY, ASIAN	QG52xi	WIA
14057.3	3	2011	8	8	2220	J3E/U			ASIAN	QG52xi	WIA
14058	3	2011	8	10	08:15-- 08:19	J3E/L	360	CHN	Male-female	OF84wx	WIA
14058	3	2011	8	11	<08:10-- 08:25	J3E/L	360	CHN	2 females, 1 male	OF84wx	WIA
14058	3	2011	8	13	<08:15-- 08:25	J3E/L	360	CHN	Male-female	OF84wx	WIA

14058	3	2011	8	24	08:16-- 08:24		J3E/L	360	CHN	Male-female	OF84wx	WIA		
14058	3	2011	8	26	08:00-- 08:20		J3E/L	360	CHN	Female-male	OF84wx	WIA		
14058	3	2011	8	29	<07:57-- 08:10		J3E/L	360	CHN	Male-female	OF84wx	WIA		
14058.1	3	2011	8	13	0820 2155-		J3E/L			DAILY, ASIAN	QG52xi	WIA		
14058.2	3	2011	8	10	1200		J3E/U			DAILY, ASIAN	QG52xi	WIA		
14058.5	3	2011	8	20	0750 2130-		J3E/L			ASIAN	QG52xi	WIA		
14058.5	3	2011	8	8	0720		J3E/U			DAILY, ASIAN	QG52xi	WIA		
14059.8	3	2011	8	12	05:06-- 05:17		J3E/U	360	INS	Male-female, screaming	OF84wx	WIA		
14060.0	3	2011	8	13	0910		J3E/U			ASIAN	QG52xi	WIA		
14060.0	40	2011	8	2	0750		P0N			OTHR, BURSTS OTHR 66pps 30 second gaps and 3-4 second bursts S9	QG52xi	WIA		
14063	14	2011	08	16	<0234>	0234	P0N	315	?	Unid	RF73MF	NZART	ZL1GWE	
14064.2	3	2011	8	6	0920		J3E/U			ASIAN, SOUNDS CHINESE	QG52xi	WIA		
14065.0	3	2011	8	11	2255		J3E/L			ASIAN	QG52xi	WIA		
14065.0	3	2011	8	2	0750		J3E/U			DAILY, ASIAN	QG52xi	WIA		
14065.4	3	2011	8	31	<07:36-- 07:42		J3E/U	360	CHN	2 males	OF84wx	WIA		
14067.0	3	2011	8	13	0900		J3E/L		PHL	TAGALOG	QG52xi	WIA		
14069	3	2011	8	19	<23:20-- 23:30		J3E/U	315	CLN	Group of males	OF84wx	WIA		
14070		2011	08	16	<0215>	0215	P0N	315	?	Unid	OTHR 30 second intervals two OTHR S9	RE89BT	NZART	ZL2SKY
14070		2011	08	16	<0215>	0215	P0N	315	?	Unid	OTHR two of them S9	RE66IM	NZART	ZL3NB
14072.6	3	2011	8	7	0900		J3E/U			ASIAN	QG52xi	WIA		
14074.8	3	2011	8	8	<08:20-- 08:29		J3E/L	360	CHN	Male-female	OF84wx	WIA		
14075	10	2011	08	16	<0234>	0234	P0N	315	?	Unid	OTHR 66 pps 30 second gaps and 3-4 second bursts S9 fires after above	RF73MF	NZART	ZL1GWE
14077.0	3	2011	8	2	0750		J3E/L			ASIAN	QG52xi	WIA		
14079.9	3	2011	8	19	0930		J3E/U			ASIAN	QG52xi	WIA		
14082	3	2011	8	22	<23:30-- 23:45		J3E/L	315	CLN	2 males	OF84wx	WIA		
14084	3	2011	8	22	<07:11-- 07:14		J3E/U	360	INS	1female talking, listening on another fequency	OF84wx	WIA		
14084	3	2011	8	26	<07:34-- 08:01		J3E/U	360	INS	Female talking on--off listening to other frequency	OF84wx	WIA		
14088.6	3	2011	8	26	<00:05-- 00:25		J3E/U	315	CLN	Group of males	OF84wx	WIA		

14088.6	3	2011	8	26	<23:00-- 00:05>	J3E/U	315	CLN	Group of males	OF84wx	WIA	
									PAIRS OF SUBCARRIERS APPROX 400 HZ APART. AT LEAST 10	QG52xi	WIA	
14089.0	5	2011	8	18	0835	G7D						
14089.8	3	2011	8	7	0900	J3E/U			ASIAN	QG52xi	WIA	
14091.7	3	2011	8	2	0820	J3E/U			DAILY, ASIAN	QG52xi	WIA	
14091.7	3	2011	8	31	<08:24-- 08:33	J3E/U	360	CHN	2 males	OF84wx	WIA	
14092	3	2011	8	1	<08:00-- 08:08	J3E/U	315	CLN	2 males	OF84wx	WIA	VK6XW
14092	3	2011	8	30	<08:00-- 08:40	J3E/U	360	CHN	Male-female	OF84wx	WIA	
14096.2		2011	8	19	0805	N0N			DAILY, SLIGHT 50 HZ HUM	QG52xi	WIA	
14100.0	3	2011	8	2	0820	J3E/U			DAILY, ASIAN. NOT CHINESE	QG52xi	WIA	
14100	3	2011	8	8	23:00-- 23L20	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14101.7		2011	08	16	<0710-0715>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MJ89	ARSI	
14102	3	2011	8	23	<07:35-- 08:33	J3E/U	360	INS	Male-female	OF84wx	WIA	
14102.7	3	2011	8	25	0920	J3E/L			DAILY, ASIAN. FISHBOAT, ENGINE NOISE	QG52xi	WIA	
14106.1	3	2011	8	19	0805	J3E/L			ASIAN, FAMILY NET	QG52xi	WIA	
14107.9	3	2011	8	10	0010	J3E/U			ASIAN LETTER CIPHER, ALL ENGLISH	QG52xi	WIA	
14108.0		2011	8	6	0925	A1A		JDFH	CHARACTERS	QG52xi	WIA	
14108.7	1	2011	8	6	0925	A2A		TJ6E	DAILY, WL6K DE TJ6E	QG52xi	WIA	
14111	3	2011	8	7	<23:25-- 23:47	J3E/L	315	CLN	Group of males	OF84wx	WIA	
14111.1	3	2011	8	7	2310	J3E/L			ASIAN	QG52xi	WIA	
14111.4	3	2011	8	29	<08:00-- 08:20	J3E/L	360	CHN	2 males	OF84wx	WIA	
14112	3	2011	8	3	<23:15-- 23:45	J3E/L	315	CLN	Group of males	OF84wx	WIA	
14114.5	3	2011	8	26	<08:32-- 08:46	J3E/U	360	CHN	Male-female	OF84wx	WIA	
14115.0	3	2011	8	13	0820	J3E/U			ASIAN, PROBABLY TAGALOG	QG52xi	WIA	
14116.9	3	2011	8	7	0900	J3E/U		PHL	DAILY, TAGALOG	QG52xi	WIA	
14117	3	2011	8	3	<02:25-- 02:30	J3E/U	360	INS	1 female talking, listening on other frequency	OF84wx	WIA	

14120.0	1	2011	8	18	0945		F1B	HIGH	250				QG52xi	WIA	
14120.4	3	2011	8	18	<00:05-- 00:12		J3E/L			360	INS	Group of males	OF84wx	WIA	
14121.3	3	2011	8	15	<07:35-- 07:46		J3E/U			360	?	2 males	OF84wx	WIA	
14121.7	3	2011	8	15	0750		J3E/U					ASIAN	QG52xi	WIA	
14122	3	2011	8	13	<23:15-- 00:16		J3E/U			315	CLN	2 males	OF84:wx	WIA	
14127.0	3	2011	8	1	0750		G7D					2 SUBCARRIERS 800HZ, BOTH HEAVILY PSK'D, BURSTS	QG52xi	WIA	
14130	3	2011	8	28	<23:10-- 00:08		J3E/U			315	CLN	Group of males	OF84wx	WIA	
14131.2	3	2011	8	6	0855		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14131.5	3	2011	8	10	1200		J3E/U				PHL	TAGALOG	QG52xi	WIA	
14134.0	5	2011	8	6	0835		G7D				CHN	PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	PRECEDED BY VOICE ANNOUNCEMENT IN CHINESE J3E/U
14135.1	3	2011	8	17	0955		J3E/U					ASIAN, SOUNDS CHINESE PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA	
14143.0	5	2011	8	1	0735		G7D					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
14148.8	3	2011	8	17	0815		J3E/U					ASIAN	QG52xi	WIA	
14149.7	3	2011	8	10	1205		J3E/U					OTHER, BURSTS	QG52xi	WIA	
14150.0	30	2011	8	2	0755		P0N					ASIAN, SOUNDS	QG52xi	WIA	
14151.8	3	2011	8	17	0845		J3E/U					CHINESE NUMBER CIPHER + CYRILLIC MORSE	QG52xi	WIA	
14172.0		2011	8	26	0845		A1A					ASIAN, FAMILY NET, SOUNDS TAGALOG	QG52xi	WIA	
14177.0	3	2011	8	6	0900		J3E/U				PHL	MUSIC BROADCAST	QG52xi	WIA	
14179.0	3	2011	8	27	0830		J3E/U					OTHER, BURSTS	QG52xi	WIA	
14180.0	30	2011	8	16	0640		P0N					OTHER 2 sec. burst every 16 secs. 72 PPS	RF72LQ	NZART	ZL1BAD
14185.0	30	2011	8	17	0705	0415	P0N				?	Unid	OTHER, BURSTS	QG52xi	WIA
14185.0	5	2011	8	5	0705		G7D					>30 SUBCARRIERS ON 80 HZ CENTRES	QG52xi	WIA	
14185.4	3	2011	8	12	1000		J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14185.5	1	2011	8	10	1205		F1B		500				QG52xi	WIA	
14185.6	3	2011	8	13	0900		J3E/L					ASIAN, FAMILY NET OTHER 63 pps 2 second bursts and 22 second gap S9	QG52xi	WIA	
14192.5	13	2011	08	27	<0514>	0514	P0N			315	?	Unid	RF73MF	NZART	ZL1GWE

14197.6	3	2011	8	18	0835		J3E/U			ASIAN	QG52xi	WIA	
14200.0	30	2011	8	15	0700		P0N			OTHR, BURSTS DAILY, 4 SUBCARRIERS ON 200 HZ CENTRES, EACH HEAVILY PSK'D	QG52xi	WIA	
14205.0	5	2011	8	8	0840		G7D				QG52xi	WIA	
14207.9	3	2011	8	14	1000		J3E/U			ASIAN	QG52xi	WIA	
14209.0		2011	8	7	0905		A1A			NUMBER CIPHER, VERY RATTY SIGNAL	QG52xi	WIA	
14209.8	3	2011	8	18	0840		J3E/U			ASIAN	QG52xi	WIA	
14210	30	2011	08	15	<1800>	1800- 1900	P0N	?	Unid	OTHR 4 sec burst every 25 secs	RF72LQ	NZART	ZL1BAD
14218		2011	08	25	<0620>	0620 0315- 0340	P0N	?	Unid	OTHR 66 pps S5 OTHR 2 sec burst every 15 secs	RE68XL	NZART	ZL2TZE
14225	30	2011	08	19	<0315>		P0N	?	Unid		RF72LQ	NZART	RF72LQ
14225.6	3	2011	8	8	0840		J3E/U	PHL		TAGALOG	QG52xi	WIA	
14226.2	3	2011	8	7	0910		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	
14239.3	3	2011	8	8	0845		J3E/U			ASIAN	QG52xi	WIA	
14240.0	1	2011	8	19	0935		F1B	HIGH	250		QG52xi	WIA	
14242.0	5	2011	8	2	0950		G7D			>15 SUBCARRIERS ON 250 HZ SPACING, EACH HEAVILY PSK'D	QG52xi	WIA	
14242.4	3	2011	8	7	0910		J3E/L			ASIAN	QG52xi	WIA	
14244.0	5	2011	8	5	0710		G7D			>15 SUBCARRIERS ON 250 HZ SPACING, EACH HEAVILY PSK'D	QG52xi	WIA	
14250.0	20	2011	8	15	0745		P0N			OTHR, VERY SHORT BURSTS	QG52xi	WIA	
14250.0	3	2011	8	8	0905		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	
14250.0	6	2011	8	1	0735		A3E		KRE	DAILY, SW BROADCAST	QG52xi	WIA	
14250		2011	08	DY	<0700>	0700- 2055	A3E		KOR	B-C Stn. 5th Harmonic of 2850 KHz	RF72LQ	NZART	RF72LQ
14255.2	3	2011	8	12	1010		J3E/L			DAILY, ASIAN	QG52xi	WIA	
14255.5	3	2011	8	18	0950		J3E/U			ASIAN	QG52xi	WIA	
14256.7	3	2011	8	6	0840		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	
14258.9	3	2011	8	6	0910		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	
14267.8	3	2011	8	15	0745		J3E/L			ASIAN	QG52xi	WIA	
14269.7	3	2011	8	25	0925		J3E/L			ASIAN, FAMILY NET	QG52xi	WIA	
14275.0	20	2011	8	19	0810		P0N			OTHR, BURSTS DAILY, ASIAN, FAMILY NET	QG52xi	WIA	
14275.5	3	2011	8	3	0815		J3E/U				QG52xi	WIA	
14277.7	3	2011	8	6	0840		J3E/U			DAILY, ASIAN	QG52xi	WIA	
14277.7	3	2011	8	3	00:54-- 01:08		J3E/U	360	INS	2 males 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	7	01:08-- 01:18		J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	

14277.7	3	2011	8	7	01:23-- 01:25	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	7	01:27-- 01:54	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	8	8	00:35-- 00:53	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	9	00:33-- 00:44	J3E/U	360	INS	2 males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	8	9	01:12-- 01:40	J3E/U	360	INS	4 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	9	01:55-- 02:00	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	10	00:35-- 00:37	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	8	10	00:53-- 00:54	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	8	10	01:28-- 01:30	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	8	10	01:48-- 01:51	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	8	12	03:22-- 03:25	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	13	01:15-- 01:23	J3E/U	360	INS	2 males 1 female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	15	00:38-- 00:39	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	8	16	00:49-- 00:50	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA
14277.7	3	2011	8	16	05:00-- 05:08	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	17	01:50-- 01:51	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	8	17	01:53-- 01:55	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	18	00:15-- 00:16	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA
14277.7	3	2011	8	18	00:47-- 00:48	J3E/U	360	INS	1 male, calling, no reply	OF84wx	WIA
14277.7	3	2011	8	18	01:02-- 01:19	J3E/U	360	INS	1female, 2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	18	01: 26-- 01:44	J3E/U	360	INS	1 female 2 males, pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	8	19	01:23-- 02:07	J3E/U	360	INS	3 males 1 female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	8	20	01:43-- 01:44	J3E/U	360	INS	2 males no messages yet	OF84wx	WIA

14277.7	3	2011	8	23	00:37-- 00:42	J3E/U	360	INS	2 males, 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	24	01:20-- 01:21	J3E/U	360	INS	Male-female calling, no messages yet	OF84wx	WIA	
14277.7	2	2011	8	25	00:30-- 00:39	J3E/U	360	INS	2 males 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	25	00:47-- 00:53	J3E/U	360	INS	2 males 1 female pass coded messages,(weather info)	OF84wx	WIA	
14277.7	3	2011	8	25	01:00-- 01:03	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	26	00:26-- 00:27	J3E/U	360	INS	Male-female, no messages yet	OF84wx	WIA	
14277.7	3	2011	8	27	00:20-- 00:25	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	27	01:24-- 01:51	J3E/U	360	INS	3 males 1 female pass coded messages (weather info)	OF84wx	WIA	
14277.7	3	2011	8	27	02:00-- 02:01	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	29	02:17--- 2:30	J3E/UI	360	INS	2 males, 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	29	02:43-- 02:45	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	31	00:15-- 00:28	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	8	31	01:02-- 01:03	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA	
14281.1	3	2011	8	31	0915	J3E/L			ASIAN	QG52xi	WIA	
14281.4	3	2011	8	31	0915	J3E/U			ASIAN	QG52xi	WIA	
14288.5	3	2011	8	19	0940	J3E/U			ASIAN	QG52xi	WIA	
14290.0	3	2011	8	26	0910	J3E/L			DAILY, ASIAN	QG52xi	WIA	
14290	14	2011	08	20	<0521>	0521	315	? Unid	OTHR 50 pps S9 Cypriot	RF73MF	NZART	ZL1GWE
14291.1	3	2011	8	25	1005	J3E/U			ASIAN	QG52xi	WIA	
14292.0	3	2011	8	6	0915	J3E/U			ASIAN	QG52xi	WIA	
14295.0	3	2011	8	25	0925	J3E/U		PHL	TAGALOG	QG52xi	WIA	
14295.0	6	2011	8	10	1210	A3E			SW BROADCAST	QG52xi	WIA	
14295.0	3	2011	8	1	0750	J3E/U		PHL	TAGALOG	QG52xi	WIA	
14300.0	14	2011	8	20	0530	P0N			OTHR, BURSTS	QG52xi	WIA	
14300.0	40	2011	8	19	0810	P0N			OTHR, BURSTS	QG52xi	WIA	
14300.0	5	2011	8	5	0750	G7D			AROUND 10 PAIRS OF SUBCARRIERS 80 HZ, EACH PAIR 200 HZ APART	QG52xi	WIA	
14303.6		2011	08	16	<0715-0722>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE	MJ89	ARSI	

OTHR, VERY SHORT BURSTS	QG52xi	WIA	
DAILY, ASIAN, FAMILY NET	QG52xi	WIA	
ASIAN	QG52xi	WIA	
ASIAN	QG52xi	WIA	
ASIAN, ENGINE NOISE	QG52xi	WIA	
ASIAN	QG52xi	WIA	
DAILY, ASIAN	QG52xi	WIA	
ASIAN	QG52xi	WIA	
>50 100 HZ SUBCARRIERS	QG52xi	WIA	
	QG52xi	WIA	
DAILY, 8 SUBCARRIERS ON 200 HZ CENTRES, BROAD PSK ON EACH	QG52xi	WIA	
ASIAN	QG52xi	WIA	
DAILY, ASIAN, FAMILY NET. ENGINE NOISE.	QG52xi	WIA	
ASIAN, FAMILY NET	QG52xi	WIA	
OTHR	QG52xi	WIA	
OTHR, BURSTS, 66PPS MANY SUBCARRIERS, 60 HZ SPACING.	QG52xi	WIA	
BURST, PIP TO START	QG52xi	WIA	
ASIAN	QG52xi	WIA	
OTHR 68 pps 4 seconds bursts and 28 second intervals S8	RF73MF	NZART	ZL1GWE
ASIAN, FAMILY NET	QG52xi	WIA	
APPROX 20 SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA	
APPROX 20 SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA	
ASIAN	QG52xi	WIA	
ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
ASIAN	QG52xi	WIA	
NUMBER CIPHER, MACHINE SENT. QTC			
TO MWFD	QG52xi	WIA	
ASIAN	QG52xi	WIA	
ASIAN	QG52xi	WIA	
ASIAN	QG52xi	WIA	

21109	24	2011	08	08	<0702>	0702-0709	P0N	300	?	Unid	OTHR 50 pps constant S9 suspect Cypriot source Novgorod S8	RF73MF	NZART	ZL1GWE
21145.0	3	2011	8	27	2340		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
21202.0	3	2011	8	14	0610		J3E/L				ASIAN	QG52xi	WIA	
21275.0	20	2011	8	3	0740		P0N				OTHR, VERY SHORT BURSTS	QG52xi	WIA	
21290.0	20	2011	8	14	0545		P0N	330			OTHR, VERY SHORT BURSTS	QG52xi	WIA	
21294	13	2011	08	14	<0454>	0454-0608	P0N	330	RUS	Unid	OTHR 50 pps constant S9 suspect Cypriot source Novgorod S8	RF73MF	NZART	ZL1GWE
21400.0	40	2011	8	17	0830		P0N				OTHR, CONTINUOUS	QG52xi	WIA	
24900.0	6	2011	8	7	0005		A3E				ASIAN	QG52xi	WIA	
24905.0	6	2011	8	7	0010		A3E				ASIAN	QG52xi	WIA	
24912.5	6	2011	8	27	0125		A3E				ASIAN	QG52xi	WIA	
24915.0	6	2011	8	9	0010		A3E				DAILY, ASIAN	QG52xi	WIA	
24925.0	6	2011	8	20	2340		A3E				ASIAN	QG52xi	WIA	
24930		2011	08	27	<0146>	0146	VXX	330	?	Unid	CODAR 1-2 pps QSB Propagation beacon on 24930	RF73MF	NZART	ZL1GWE
24935.0	6	2011	8	7	0000		A3E				ASIAN	QG52xi	WIA	
24955.0	6	2011	8	7	0000		A3E				ASIAN	QG52xi	WIA	
24965.0	6	2011	8	6	2355		A3E				DAILY, ASIAN	QG52xi	WIA	
24985.0	6	2011	8	1	0755		A3E				ASIAN	QG52xi	WIA	
28000.0	6	2011	8	6	0030		A3E				ASIAN	QG52xi	WIA	
28005.0	6	2011	8	6	0045		A3E				DAILY, ASIAN	QG52xi	WIA	
28015.0	6	2011	8	6	0045		A3E				DAILY, ASIAN	QG52xi	WIA	
28025.0	6	2011	8	6	0110		A3E				DAILY, ASIAN	QG52xi	WIA	
28035.0	6	2011	8	6	0110		A3E				DAILY, ASIAN	QG52xi	WIA	
28045.0	6	2011	8	6	0045		A3E				ASIAN	QG52xi	WIA	
28050.0	6	2011	8	6	0020		A3E				ASIAN	QG52xi	WIA	
28055.0	6	2011	8	6	0045		A3E				ASIAN	QG52xi	WIA	
28065.0	6	2011	8	6	0110		A3E				DAILY, ASIAN	QG52xi	WIA	
28075.0	6	2011	8	6	0030		A3E				DAILY, ASIAN	QG52xi	WIA	
28085.0	6	2011	8	6	0040		A3E				DAILY, ASIAN	QG52xi	WIA	
28090.0	6	2011	8	11	0120		A3E				ASIAN	QG52xi	WIA	
28100.0	6	2011	8	16	0840		A3E				ASIAN	QG52xi	WIA	
28105.0	6	2011	8	6	0010		A3E				DAILY, ASIAN	QG52xi	WIA	
28115.0	6	2011	8	6	0105		A3E				DAILY, ASIAN	QG52xi	WIA	
28120.0	6	2011	8	16	0840		A3E				ASIAN	QG52xi	WIA	
28125.0	6	2011	8	6	0105		A3E				DAILY, ASIAN	QG52xi	WIA	
28135.0	6	2011	8	6	0105		A3E				DAILY, ASIAN	QG52xi	WIA	
28145.0	6	2011	8	6	0105		A3E				DAILY, ASIAN	QG52xi	WIA	
28150.0	6	2011	8	6	0155		A3E				ASIAN	QG52xi	WIA	
28155.0	6	2011	8	6	0025		A3E				DAILY, ASIAN	QG52xi	WIA	
28165.0	6	2011	8	6	0105		A3E				ASIAN	QG52xi	WIA	

28175.0	6	2011	8	6	0040	A3E			DAILY, ASIAN	QG52xi	WIA	
28185.0	6	2011	8	6	0030	A3E			ASIAN	QG52xi	WIA	
28195.0	6	2011	8	6	0025	A3E			DAILY, ASIAN	QG52xi	WIA	
28200.0	6	2011	8	6	0105	A3E			ASIAN	QG52xi	WIA	
28202.5	6	2011	8	6	0105	A3E			ASIAN	QG52xi	WIA	
28205.0	6	2011	8	6	0030	A3E			DAILY, ASIAN	QG52xi	WIA	
28215.0	6	2011	8	6	0025	A3E			ASIAN	QG52xi	WIA	
28225.0	6	2011	8	6	0025	A3E			ASIAN	QG52xi	WIA	
28235.0	6	2011	8	6	0100	A3E			DAILY, ASIAN	QG52xi	WIA	
28245.0	6	2011	8	6	0155	A3E			DAILY, ASIAN	QG52xi	WIA	
28255.0	6	2011	8	6	0025	A3E			DAILY, ASIAN	QG52xi	WIA	
28265.0	6	2011	8	6	0025	A3E			DAILY, ASIAN	QG52xi	WIA	
28275.0	6	2011	8	6	0025	A3E			DAILY, ASIAN	QG52xi	WIA	
28285.0	6	2011	8	6	0035	A3E			DAILY, ASIAN	QG52xi	WIA	
28295.0	6	2011	8	6	0155	A3E			DAILY, ASIAN	QG52xi	WIA	
28300.0	6	2011	8	12	0220	A3E			ASIAN	QG52xi	WIA	
28305.0	6	2011	8	6	0100	A3E			ASIAN	QG52xi	WIA	
28315.0	6	2011	8	6	0155	A3E			DAILY, ASIAN	QG52xi	WIA	
28325.0	6	2011	8	6	0100-0150-	A3E			ASIAN	QG52xi	WIA	
28335.0	6	2011	8	6	0850	A3E			DAILY, ASIAN	QG52xi	WIA	
28335		2011	08	27	<0429>	A3E	0429	CHN Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28350.0	6	2011	8	16	0840	A3E			ASIAN	QG52xi	WIA	
28352.5	6	2011	8	6	0100	A3E			ASIAN	QG52xi	WIA	
28355.0	6	2011	8	6	0050	A3E			DAILY, ASIAN	QG52xi	WIA	
28365.0	6	2011	8	6	0055	A3E			DAILY, ASIAN	QG52xi	WIA	
28375.0	6	2011	8	6	0055	A3E			DAILY, ASIAN	QG52xi	WIA	
28380.0	6	2011	8	27	0100	A3E			ASIAN	QG52xi	WIA	
28385.0	6	2011	8	6	0035	A3E			DAILY, ASIAN	QG52xi	WIA	
28390.0	6	2011	8	6	0150	A3E			ASIAN	QG52xi	WIA	
28405.0	6	2011	8	6	0145	A3E			DAILY, ASIAN	QG52xi	WIA	
28415.0	6	2011	8	6	0145	A3E			DAILY, ASIAN	QG52xi	WIA	
28425.0	6	2011	8	6	0145	A3E			DAILY, ASIAN	QG52xi	WIA	
28432.5	6	2011	8	6	2355	A3E			ASIAN	QG52xi	WIA	
28435.0	6	2011	8	6	0145	A3E			DAILY, ASIAN	QG52xi	WIA	
28442.0	6	2011	8	7	0110	A3E			ASIAN	QG52xi	WIA	
28450.0	6	2011	8	6	0145	A3E			ASIAN	QG52xi	WIA	
28455.0	6	2011	8	6	0050	A3E			ASIAN	QG52xi	WIA	
28460		2011	08	27	<0141>	A3E	0141	CHN Unid	Non Amateurs Chinese males	RF73MF	NZART	ZL1GWE
28465.0	6	2011	8	6	0145	A3E			ASIAN	QG52xi	WIA	
28475.0	6	2011	8	6	0145	A3E			ASIAN	QG52xi	WIA	
28485.0	6	2011	8	6	0050	A3E			ASIAN	QG52xi	WIA	
28487		2011	08	27	<0141>	A3E	0141	CHN Unid	Non Amateurs	RF73MF	NZART	ZL1GWE

											PROBABLY 2ND HARMONIC OF 14250, NORTH KOREA	
28500.0	10	2011	8	6	0145	A3E	CHN	Unid	ASIAN SW BROADCASTER	QG52xi	WIA	ZL1GWE
28505.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28515.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28525.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28528		2011	08	27	<0140>	A3E			Non Amateurs	RF73MF	NZART	
28535.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28555.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28565.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28575.0	6	2011	8	6	0140	A3E			ASIAN	QG52xi	WIA	
28585.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28595.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28605.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28615.0	6	2011	8	6	0140	A3E			DAILY, ASIAN	QG52xi	WIA	
28625.0	6	2011	8	6	0135	A3E			DAILY, ASIAN	QG52xi	WIA	
28635.0	6	2011	8	6	0135	A3E			DAILY, ASIAN	QG52xi	WIA	
28645.0	6	2011	8	6	0135	A3E			DAILY, ASIAN	QG52xi	WIA	
28650.0	6	2011	8	6	0135	A3E			ASIAN	QG52xi	WIA	
28655.0	6	2011	8	6	0135	A3E			DAILY, ASIAN	QG52xi	WIA	
28665.0	6	2011	8	6	0135	A3E			DAILY, ASIAN	QG52xi	WIA	
28675.0	6	2011	8	6	0135	A3E			DAILY, ASIAN	QG52xi	WIA	
28682.5	6	2011	8	6	0130	A3E			ASIAN	QG52xi	WIA	
28685.0	6	2011	8	6	2350	A3E			DAILY, ASIAN	QG52xi	WIA	
28695.0	6	2011	8	6	0130	A3E			DAILY, ASIAN	QG52xi	WIA	
28705.0	6	2011	8	6	0130	A3E			DAILY, ASIAN	QG52xi	WIA	
28715.0	6	2011	8	6	0130	A3E			DAILY, ASIAN	QG52xi	WIA	
28725.0	6	2011	8	6	2350	A3E			DAILY, ASIAN	QG52xi	WIA	
28735.0	6	2011	8	6	0130	A3E			DAILY, ASIAN	QG52xi	WIA	
28737.5	6	2011	8	16	0845	A3E			DAILY, ASIAN	QG52xi	WIA	
28745.0	6	2011	8	6	0130	A3E			DAILY, ASIAN	QG52xi	WIA	
28755.0	6	2011	8	6	2350	A3E			DAILY, ASIAN	QG52xi	WIA	
28765.0	6	2011	8	6	2350	A3E			ASIAN	QG52xi	WIA	
28850.0	6	2011	8	6	0130	A3E			DAILY, ASIAN	QG52xi	WIA	
28862.5	6	2011	8	16	0845	A3E			ASIAN	QG52xi	WIA	
28875.0	6	2011	8	16	0845	A3E			ASIAN	QG52xi	WIA	
29000.0	6	2011	8	6	0125	A3E			ASIAN	QG52xi	WIA	
29005.0	6	2011	8	6	2350	A3E			ASIAN	QG52xi	WIA	
29050.0	6	2011	8	16	0850	A3E			ASIAN	QG52xi	WIA	
29125.0	6	2011	8	6	0125	A3E			ASIAN	QG52xi	WIA	
29175.0	6	2011	8	6	0125	A3E			ASIAN	QG52xi	WIA	
29220.0	6	2011	8	6	0230	A3E			ASIAN	QG52xi	WIA	
29237.5	6	2011	8	6	0125	A3E			ASIAN	QG52xi	WIA	
29325.0	6	2011	8	6	2345	A3E			DAILY, ASIAN	QG52xi	WIA	

29385.0	6	2011	8	6	2345	A3E	ASIAN	QG52xi	WIA
29425.0	6	2011	8	16	0850	A3E	ASIAN	QG52xi	WIA
29450.0	6	2011	8	6	0125	A3E	ASIAN	QG52xi	WIA
29455.0	6	2011	8	6	2345	A3E	ASIAN	QG52xi	WIA
					0210-				
29462.5	6	2011	8	12	0850	A3E	DAILY, ASIAN	QG52xi	WIA
29475.0	6	2011	8	6	2345	A3E	ASIAN	QG52xi	WIA
29500.0	6	2011	8	6	0125	A3E	ASIAN	QG52xi	WIA
29550.0	6	2011	8	12	0210	A3E	ASIAN	QG52xi	WIA
29605.0	6	2011	8	6	2345	A3E	ASIAN	QG52xi	WIA
29612.5	6	2011	8	6	2345	A3E	ASIAN	QG52xi	WIA
29662.5	6	2011	8	6	0120	A3E	ASIAN	QG52xi	WIA
29675.0	6	2011	8	12	0210	A3E	ASIAN	QG52xi	WIA
29685.0	6	2011	8	12	0210	A3E	ASIAN	QG52xi	WIA
29687.5	6	2011	8	16	0850	A3E	ASIAN	QG52xi	WIA