



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



February 2012

Peter Young VK3MV

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

This month there were 883 observations made across the Region, which contrasts with 827 last month. Again this month there is an increase in the number of 10 meter intrusions.

The Burmese broadcast station operating on or around 7110 kHz and the CODAR radar operating 14070-14125 kHz have again been reported to the Australian regulator. No response so far.

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

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

Peter – VK3MV

3520.0	3		2		1635		J3E/U				ASIAN, SOUNDS CHINESE DAILY, APPROX 20 SUBCARRIERS ON 100 HZ CENTRES	QG52xi	WIA	VK4TJ
3523.0	5		2		1930		G7D				DAILY	QG52xi	WIA	
3584.0	3		2		1930		J1C				DAILY	QG52xi	WIA	
3623.0	3		2		1930		J1C				DAILY	QG52xi	WIA	
3658.0			2		1635		A1A	RU	V		HARBOUR BEACON	QG52xi	WIA	
3798	0.5		02		19:28		A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5		02		21:01		A1A				dni4 736n udt7 tdn4 da36 dt5u		JARL	
3798	0.5		02		20:43		A1A				h2fl h2fl h2fl de drvz drvz v		JARL	
6950.0	150		2		1940		P0N				OTHR, SPILLS INTO AMATEUR BAND	QG52xi	WIA	
7000.0	3		2		1645		J3E/U				ASIAN, FISHBOATS - ENGINE NOISE.	QG52xi	WIA	
7000.0	3		2		920		J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7000			02		<1850>	1850	P0N	?	Unid		Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000			02		<1855>	1855	P0N	?	Unid		Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7005.0	3		2		950		J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7010.0	3		2		925		J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7010.0	3		2		1005		J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7010			09		<1530-1540>		J3E/U	INS	UNID		INDONESIAN NON-AMATEUR STATIONS SINGING	MK82	ARSI	
7015.0	3	2012	2	9	920		J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	30	2012	2	1	1945		VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7015.0	3	2012	2	9	950		J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7017			12		<0210-0220>		J3E/U	CLN	UNID		SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7018		2012	02	09	<1825>	1825	F1B	?	Unid		ldling	RF72LQ	NZART	ZL1BAD
7018		2012	02	13	<1930>	1930- 2000	F1B	?	Unid		ldling	RF72LQ	NZART	ZL1BAD
7018		2012	02	16	<1900>	1900	F1B	?	Unid		ldling	RF72LQ	NZART	ZL1BAD
7018		2012	02	18	<1810>	1810	F1B	?	Unid		ldling	RF72LQ	NZART	ZL1BAD
7019.0	1	2012	2	5	1640		F1B					QG52xi	WIA	
7019.0		2012	2	5	1640		N0N					QG52xi	WIA	
7019			25		<0100-0115>		J3E/U	CLN	UNID		SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7020.0	3	2012	2	5	1640		J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	
7020	35	2012	02	13	<1925>	1925- 2005	VXX	?	Unid		CODAR 7 PPS Continuous	RF72LQ	NZART	ZL1BAD

7020	35	2012	02	23	<1830>	1830	VXX		?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7022	32	2012	02	02	<0736>	0736	VXX		?	Unid	CODAR 2pps S9 7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	RF73MF	NZART	ZL1GWE
7023	34	2012	02	02	1806		P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7023	34	2012	02	23	1706		P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7023	34	2012	02	23	1804		P0N	non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7025.0	3	2012	2	9	920		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7025	30	2012	02	02	<1930>	1930	VXX		?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7030	55	2012	02	12	<1955>	1955- 2110	P0N		?	Unid	OTHR 50 PPS	RF72LQ	NZART	ZL1BAD
7030	55	2012	02	15	<1825>	1825	P0N		?	Unid	OTHR, CONTINUOUS, 43.5 PPS Beacon	RF72LQ QG52xi	NZART	ZL1BAD
7035.0	55	2012	2	15	2000		P0N				Beacon		WIA	
7036	3	2012	02	18	1706		F1B	non	non	non	Beacon	PM97	JARL	non
7036	3	2012	02	18	1808		F1B	non	non	non	Beacon	PM97 QG52xi	JARL	non
7038.9		2012	2	5	1640		A1A		RU	S	DAILY, HARBOUR BEACON		WIA	
7039.0		2012	2	1	1945		A1A		RU	C	DAILY, HARBOUR BEACON		WIA	
7039.0		2012	02	DY	<0330>	0330- 2200	A1A		RUS	C	Moscow - Beacon C RIW	RF72LQ	NZART	ZL1BAD
7039		2012	02	DY	<0330>	0330- 2200	A1A		RUS	A	Astrakhan (No call sign)	RF72LQ	NZART	ZL1BAD
7039		2012	02	DY	<0330>	0330- 2200	A1A		RUS	F	Vladivostok - Beacon F RUS	RF72LQ	NZART	ZL1BAD
7039		2012	02	DY	<0330>	0330- 2200	A1A		RUS	P	Kaliningrad - Beacon P RMP	RF72LQ	NZART	ZL1BAD
7039	0.5	2012	02	01	0350	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	01	0830		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	01	1610		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	01	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	01	1804		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	01	2216		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	01	2220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	02	0330		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	02	0640		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	02	02	0830	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	02	1010	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	02	1802	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	03	0830	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	03	1010	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	03	1810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	03	2212	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	0330	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	0610	A3E		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	0830	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	1040	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	02	04	1210	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	02	04	1606	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	1804	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	04	2210	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	05	0340	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	05	0630	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	05	0820	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	05	1010	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	05	1804	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	05	1812	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	02	05	2212	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	06	0810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	06	2210	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	07	0330	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	07	0810	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	07	1602	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	07	1704	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	07	1802	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	07	2214	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	08	0640	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	08	0810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	08	1602	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	08	1704	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	08	1806	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	08	2210	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	0840	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	1010	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	1602	A1A		15	non	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	1802	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	1940	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	09	2212	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	10	0340	H24	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	02	10	0820	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	10	1008	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	10	1210	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	10	1604	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	10	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	10	1804	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	10	2214	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	11	0330	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	11	0820	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	11	1040	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	11	1210	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	11	1604	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	11	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	11	1812	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	11	2210	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	12	0806	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	12	1020	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	12	1604	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	12	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	12	1804	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	12	2214	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	0806	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	0808	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	1010	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	1012	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	1220	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	1222	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	1604	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	1606	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	1702	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	1704	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	1804	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	1806	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	13	2208	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	13	2210	A1A	H24	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	0330	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	0810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	1016	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	1220	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	1606	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	1704	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	1810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	14	2212	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	15	0810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	15	1020	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	02	15	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	15	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	15	2210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	16	0810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	16	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	16	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	16	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	16	2218	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	0320	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	0810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	17	2216	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	0340	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	0804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	1804	H24 A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	18	1814	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	02	18	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	19	0810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	19	1020	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	19	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	19	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	19	1802	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	19	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	20	0340	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	20	0830	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	20	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	20	1602	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	02	20	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	20	1802	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	02	20	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	20	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	21	0808	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	21	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	21	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	21	1702	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	21	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	21	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	22	0330	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	02	22	0810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	22	1020		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	22	1712		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	22	2214		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	23	0620	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	23	0810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	23	1020		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	23	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	23	2210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	24	0340		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	24	0820		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	24	1010		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	24	1604		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	24	1804		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	24	2210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	25	0340		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	25	0810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	25	1010		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	25	2214		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	26	0820		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	26	1012		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	26	1602		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	26	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	26	1704		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	26	1802		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	26	2210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	0340		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	0810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	1020	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	1210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	1602		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	1810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	27	2214		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	28	0820		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	28	1030		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	28	1602		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	28	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	28	1720		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	02	28	1802		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	28	2216		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	29	0830		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	29	1010		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	29	1602		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	29	1702		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	02	29	1810		A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	02	29	2214	H24	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.2		2012	2	2	1945		A1A			RU	A	DAILY, HARBOUR BEACON		WIA	
7039.3		2012	2	5	1640		A1A			RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2012	02	DY	<0330>	0330- 2200	A1A			RUS	K	Petropavlovsk - Beacon K RCC	RF72LQ	NZART	ZL1BAD
7039.4		2012	2	1	955		A1A			RU	M	DAILY, HARBOUR BEACON		WIA	
7039.4		2012	02	DY	<0330>	0330- 2200	A1A			RUS	M	Magadan - Beacon M RTS	RF72LQ	NZART	ZL1BAD
7039.9		2012	02	DY	<0330>	0330- 2200	A1A			RUS	S	Severomorsk - Beacon S RIT	RF72LQ	NZART	ZL1BAD
7040	0.5	2012	02	03		19:38	A1A					train of "M"		JARL	
7040	0.5	2012	02	16		20:46	A1A					train of "M"		JARL	
7045		2012	02	06	<1855>	1855	XXX			?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7045		2012	02	13	<1925>	1925- 2000	XXX			?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7045		2012	02	15	<1820>	1820	XXX			?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7045		2012	02	23	<1835>	1835	XXX			?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7046	3	2012	02	01	1604		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	01	1704		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	01	1806		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	03	1602		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	03	1702		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	03	1804		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	06	1602		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	06	1706		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	06	1804		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	08	1606		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	08	1708		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	08	1810		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	10	1608		P0N		non	non	non	Beacon	PM97	JARL	non
7046	3	2012	02	10	1706		P0N		non	non	non	Beacon	PM97	JARL	non
7046	3	2012	02	10	1808		P0N		non	non	non	Beacon	PM97	JARL	non
7046	3	2012	02	13	1610		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	13	1708		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	13	1810		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	15	1608		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	15	1706		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	15	1804		P0N		non	non	non	unknown	PM97	JARL	non
7046	3	2012	02	19	1608		P0N		non	non	non	unknown	PM97	JARL	non

7046	3	2012	02	19	1706	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	19	1804	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	21	1606	F1B		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	23	1602	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	23	1710	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	23	1808	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	25	1704	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	26	1606	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	26	1706	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	26	1806	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	28	1606	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	28	1706	P0N		non	non	non	unknown	PM97	JARL	non	
7046	3	2012	02	28	1804	P0N		non	non	non	unknown	PM97	JARL	non	
7051.0	1	2012	2	2	1945	F1B						QG52xi	WIA		
											12 SUBCARRIERS ON 20 HZ SPACING, IDLING				
7054.0	3	2012	2	23	1855	G7D							WIA		
7054		2012	02	DY	<0500>	F1B	0500-0630	200		RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7054		2012	02	DY	<1830>	F1B	1830	200		RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7054	3	2012	02	01	1706	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	01	1810	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	02	1810	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	04	1706	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	04	1806	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	05	1702	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	14	1814	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	16	1708	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	16	1806	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	17	1708	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	17	1814	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	19	1710	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	19	1808	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	21	1808	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	22	1704	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	22	1810	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	23	1714	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	23	1812	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	24	1704	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	24	1808	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	25	1708	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	25	1810	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	26	1710	F1B			non	non	non	IDL only	PM97	JARL	non

7054	3	2012	02	26	1810	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	27	1706	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	28	1710	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	28	1808	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	29	1706	F1B			non	non	non	IDL only	PM97	JARL	non
7054	3	2012	02	29	1814	F1B			non	non	non	IDL only	PM97	JARL	non
7055	3	2012	02	14	1708	F1B			non	non	non	IDL only	PM97	JARL	non
7063.5	1	2012	2	22	1850	F1B	HIGH	200				DAILY	QG52xi	WIA	
												8 Chnl			
7070		2012	02	13	<1925>	1925- 2005	F7D			?	Unid		RF72LQ	NZART	ZL1BAD
7075	30	2012	02	16	<1850>	1850	VXX			?	Unid	CODAR 7 PPS Continuous 7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	RF72LQ	NZART	ZL1BAD
7083	34	2012	02	01	1606		P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7083	34	2012	02	02	1604		P0N		non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7085	30	2012	02	06	<1845>	1845- 1910	VXX			?	Unid	CODAR 3 PPS Continuous 7072KHz ~ 7106KHz wide pulse mode P0N OTHR ?	RF72LQ	NZART	ZL1BAD
7089	34	2012	02	06	1808		P0N		non	non	non		PM97	JARL	non
7102.0	1	2012	2	25	2020		F1B	HIGH	200			Encrypted	QG52xi	WIA	
7102		2012	02	27	<0700>	0700- 0720	F1B			?	Unid		RF72LQ	NZART	ZL1BAD
7102	3	2012	02	28	1714		F1B		non	non	non	IDL only	PM97	JARL	non
7102	3	2012	02	28	1810		F1B		non	non	non	IDL only	PM97	JARL	non
7105.0	10	2012	2	5	1655		G7D					JAMMING SIGNAL	QG52xi	WIA	
7105	5	2012	02	01	2210		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	01	2212		A3E		non	CHN	non PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	02	2206		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	02	2208		A3E		non	CHN	non PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	03	2206		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	03	2208		A3E		non	CHN	non PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Magadan
7105	5	2012	02	04	2204		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	04	2206		A3E		non	CHN	non PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	05	2206		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot

7105	3	2012	02	05	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	06	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	06	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	07	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	07	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	08	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	08	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	09	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	09	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	10	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	10	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	11	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	11	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	12	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	12	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	13	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	13	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	14	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	14	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	15	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	15	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	16	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	16	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	17	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	17	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	18	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	18	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	19	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot

									Meng	Music			
7105	3	2012	02	19	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	20	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	20	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	21	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	21	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	22	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	22	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	23	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	23	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	24	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	24	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	25	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	25	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	26	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	26	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	27	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	27	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	28	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	28	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	02	28	2258	A3E	273	CHN	PBS Nei Meng	23:00 UTC Time signal 5+1 on time	PM97	JARL	Hohhot
7105	5	2012	02	29	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	02	29	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7109.8	3	2012	2	25	2015	J3E/U		PHL		TAGALOG, ENGINE NOISE	QG52xi	WIA	
7110.0	8	2012	2	1	1200	A3A		BRM		DAILY	QG52xi	WIA	
7110	6	2012	2	4	1300	A3E				Station is on nightly	QF22MC	WIA	VK3SIR
7110	4			10	<1305-1312>	A3E		BRM	DOM	MYANMAR DOMESTIC	MK82	ARSI	

										SERVICE				
7110	3.3	2012	02	17	<0550>	0550	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7111.0		2012	2	16	1955		N0N					QG52xi	WIA	
7120.0	55	2012	2	15	2000		P0N				OTHR, CONTINUOUS, 43.5 PPS OTHR 50 PPS		WIA	
7120	50	2012	02	12	<1945>	1945- 2115	P0N		?	Unid		RF72LQ	NZART	ZL1BAD
7120	50	2012	02	15	<1820>	1820	P0N		?	Unid	OTHR 50 PPS	RF72LQ	NZART	ZL1BAD
7130.0	50	2012	2	12	1000		P0N				OTHR, CONTINUOUS CODAR, SWEEPS 30 KHZ 7120KHz ~ 7154KHz wide pulse mode P0N	QG52xi	WIA	
7130.0	30	2012	2	1	950		VXX						WIA	
7137	34	2012	02	03	1704		P0N	non	non	non	OTHR ? 7120KHz ~ 7154KHz wide pulse mode P0N	PM97	JARL	non
7137	34	2012	02	03	1806		P0N	non	non	non	OTHR ? 7120KHz ~ 7154KHz wide pulse mode P0N	PM97	JARL	non
7137	34	2012	02	05	1706		P0N	non	non	non	OTHR ? 7120KHz ~ 7154KHz wide pulse mode P0N	PM97	JARL	non
7137	34	2012	02	12	1808		P0N	non	non	non	OTHR ? 7120KHz ~ 7154KHz wide pulse mode P0N	PM97	JARL	non
7137	34	2012	02	23	1606		P0N	non	non	non	OTHR ? CODAR 3 PPS	PM97	JARL	non
7140	30	2012	02	12	<1955>	1955- 2115	VXX		?	Unid	Continuous	RF72LQ	NZART	ZL1BAD
7140	30	2012	02	26	<1910>	1910	VXX		?	Unid	CODAR 3 PPS Continuous 7126KHz ~ 7160KHz wide pulse mode P0N	RF72LQ	NZART	ZL1BAD
7143	34	2012	02	28	1814		P0N	non	non	non	OTHR ? now on air	PM97	JARL	non
7162	3	2012	02	21	1610		F1B	non	non	non		PM97	JARL	non
7165.0		2012	2	9	935		A1A				CIPHER	QG52xi	WIA	
7165	8	2012	2	5	1650		A3A				ARABIC-LIKE LANGUAGE. HEAVILY JAMMED		WIA	
7165	3.3	2012	02	09	<1825>	1825	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7165	3.3	2012	02	17	<0550>	0550	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7167.0	1	2012	2	5	1650		F1B					QG52xi	WIA	
7167	3	2012	02	21	1706		F1B	non	non	non	IDL only	PM97	JARL	non
7167.3		2012	2	17	1955		A1A		RU	M	HARBOUR	QG52xi	WIA	

7175		2012	02	01	<1730>	1730	A3E		ERI	VOBM	BEACON AM Broadcaster Voice of Broad Masses S2 RADIO CHINA INTERNATIONAL	RE54HF QG52xi	NZART	ZL4IV
7180.0	8	2012	2	14	1945		A3E		CHN		IN FRENCH SW	QG52xi	WIA	
7185.0	8	2012	2	17	1950		A3E				BROADCAST JAMMING SIGNAL	QG52xi	WIA	
7185.0	10	2012	2	9	930		G7D				ASIAN	QG52xi	WIA	
7188.0	3	2012	2	17	1950		J3E/U				DAILY, SW BROADCAST	QG52xi	WIA	
7189.8	8	2012	2	12	1150		A3E		CLN		SLBC IN HINDI SERVICE	WIA		
7190	6			26	<0210-0220>		A3E		CLN	SLBC	Radio Broadcast in S.I. Language	MK82	ARSI	
7191	2	2012	02	12	<1145-1155>		A3E		CLN	SLBC	NO DECODES, CONTINUOUS SW	NL06 QG52xi	ARSI	
7193.0	1	2012	2	19	1935		F1B	170			BROADCAST, ENGLISH LANGUAGE SW	QG52xi	WIA	
7195.0	6	2012	2	5	1645		A3E		ETH		BROADCAST now on air	WIA		
7195.0	6	2012	2	5	1645		A3E		ERI		IDL only	PM97	JARL	non
7195	3	2012	02	01	1710		F1B	non	non	non	IDL only	PM97	JARL	non
7195	3	2012	02	05	1710		F1B	non	non	non	IDL only	PM97	JARL	non
7195	3	2012	02	05	1808		F1B	non	non	non	SW	QG52xi	JARL	non
7200.0	6	2012	2	19	1930		A3E		SUD		BROADCAST SRI LANKAN FISHERMEN IN SINHALA LANGUAGE	WIA		
10102.2				09	<1540-1550>		J3E/U		CLN	UNID	ONLY – 2 OM MODULATION IS 100 HZ HUM ONLY, STOPPED AT 20Z EXACTLY SW	MK82 QG52xi	ARSI	
10105.0	1	2012	2	4	1955		A3E				OTHER 50 PPS Continuous S9 CODAR-LIKE, BUT UNUSUAL PERCUSSION- LIKE	WIA		
10140.0	8	2012	2	1	950		A3E				MODULATION outside of 20m band	WIA		
10152	10	2012	02	16	<1738>	1738	P0N		?	Unid	ASIAN	RF73MF QG52xi	NZART	ZL1GWE
13992.0	30	2012	2	11	2030		VXX				ASIAN	WIA		
13994.3	3	2012	2	12	23:10-- 23:22q		J3E/U	315	CLN		ASIAN	OF84wx QG52xi	WIA	
14000.0	3	2012	2	4	930		J3E/U				ASIAN	WIA		

14000	3	2012	2	1	07:03-- 08:05	J3E/U	315	CLN	2 males on-off	OF84wx	WIA	VK6XW
14000	3	2012	2	1	22:50-- 23:45	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	2	07:23-- 07:55	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	2	22:45-- 01:40	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	3	<07:20- -08:08	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	
14000	3	2012	2	3	23:08-- 23:50	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	4	<07:30- 07:50	J3E/U	315	CLN	2 males on-off	OF84WX	WIA	
14000	3	2012	2	4	08:30-- 09:17>	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	4	23:55-- 00:07	J3E/U	315	CLN	2 males, short talks because C.W.contest	OF84wx	WIA	
14000	3	2012	2	5	08:05-- 08:30	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	6	22:45-- 23:30	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	6	00:03-- 00:30	J3E/U	315	CLN	Group of males, continuous	OF84wx	WIA	
14000	3	2012	2	6	<08:30- -08:55	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	6	23:12-- 23:27	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	7	00:17-- 01:27	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA	
14000	3	2012	2	7	22:54-- 00:10	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	8	07:25-- 08:40	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	8	22:50-- 23:43	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	9	00:15-- 01:00	J3E/U	315	CLN	2 males	OF84wx	WIA	
14000	3	2012	2	9	22:56-- 23:50	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	10	07:04-- 08:15	J3E/U	315	CLN	Group of males	OF84wx	WIA	
14000	3	2012	2	10	23:05-- 23:40	J3E/U	315	CLN	2 males	OF84wx	WIA	

14000	3	2012	2	10	23:57-- 00:18	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	11	23:20-- 01:15	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	12	<07:15- -07:33	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	15	08:25-- 08:31	J3E/L	360	INS	2 males outside of 20m band	OF84wx	WIA
14000	3	2012	2	15	22:55-- 22:56	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA
14000	3	2012	2	15	23:25-- 23:26	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA
14000	3	2012	2	15	23:33-- 00:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	16	22:45-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	17	08:15-- 08:43	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	17	23:10-- 23:15	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	20	22:45-- 23:55	J3E/U	360	INS	Group of males	OF84wx	WIA
14000	3	2012	2	21	22:57-- 23:50	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	21	<07:00- -08:38	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	21	23:00-- 01:16	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	22	07:00-- 07:32	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	22	22:50-- 01:03	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	23	01:30-- 02:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	23	<03:54- -09:00>	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	23	22:55-- 23:25	J3E/U	315	CLN	GRoup of males	OF84wx	WIA
14000	3	2012	2	24	00:30-- 09:30>	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	25	22:47-- 23:50	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	25	23:55-- 00:10	J3E/U	360	INS	2 males	OF84wx	WIA

14000	3	2012	2	26	00:25-- 01:25>	J3E/U	315	CLN	Group of males	OF84wc	WIA
14000	3	2012	2	26	<07:00- -08:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	26	<22:45- -00:08	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	2	27	22:50-- 23:35	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	28	07:15-- 10:00	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA
14000	3	2012	2	29	06:05-- 07:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	2	29	22:49-- 00:12	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000		2012	02	03	<0335-0340>	J3E/U		CLN	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14000.2	3	2012	2	26	1020	J3E/U		UNID	ASIAN 6 SUBCARRIERS ON 250 HZ CENTRES, EACH HEAVILY PSK'D	QG52xi QG52xi	WIA
14002.0	5	2012	2	9	820	G7D			ASIAN		WIA
14004.0	3	2012	2	27	930	J3E/U			ASIAN	QG52xi	WIA
14006.0	3	2012	2	9	955	G7D			ASIAN	QG52xi	WIA
14008	3	2012	2	11	00:14-- 0022	J3E/U	360	INS	2 males	OF84wx	WIA
14010.4	3	2012	2	7	1025	J3E/U			ASIAN	QG52xi	WIA
14012	3	2012	2	25	22:45-- 23:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14012.7	3	2012	2	6	22:56-- 22:58	J3E/U	315	CLN	2 males	OF84wx	WIA
14014	3	2012	2	22	23:10-- 23:27	J3E/U	315	CLN	2 males	OF84wx	WIA
14015.0	3	2012	2	28	1020	J3E/U			ASIAN	QG52xi	WIA
14022.0	3	2012	2	9	820	J3E/U			ASIAN	QG52xi	WIA
14022	3	2012	2	6	<07:15- -07:33	J3E/L	360	INS	2 males	OF84wx	WIA
14022	3	2012	2	14	<22:45- -01:30>	J3E/L	315	CLN	Group of males	OF84wx	WIA
14025	3	2012	2	15	23:38-- 23:56	J3E/U	315	CLN	2 males	OF84wx	WIA
14025	3	2012	2	23	22:50-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA

14025	3	2012	2	25	<23:15- -23:45	J3E/U	315	CLN	2 males	OF84wx	WIA
14025	3	2012	2	27	23:50-- 00:25	J3E/U	315	CLN	2 males	OF84wx	WIA
14027	3	2012	2	24	940	J1C				QG52xi	WIA
14028	3	2012	2	2	<00:00- -00:54	J3E/U	315	CLN	2 males	OF84wx	WIA
14028	3	2012	2	2	07:20-- 07:50	J3E/U	315	CLN	2 males	OF84wx	WIA
14028	3	2012	2	22	23:17-- 23:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14028	3	2012	2	29	23:10-- 23:20	J3E/U	315	CLN	2 males	OF84wx	WIA
14028.1	3	2012	2	12	<23:00- -00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14028.1	3	2012	2	14	<07:05- -07:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14029.9	3	2012	2	13	<07:15- -08:08	J3E/L	315	CLN	Male-female	OF84wx	WIA
14032.2	3	2012	2	9	1020	J3E/U				QG52xi	WIA
14035				21	<1420-1430>	J3E/U		CLN UNID	ASIAN SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14035				26	<0300-0310>	J3E/U		CLN UNID	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14040	3	2012	2	6	930	J3E/U		PHL	DAILY, TAGALOG	QG52xi	WIA
14040	3	2012	2	22	<23:10- -23:47	J3E/L	315	CLN	Group of males	OF84wx	WIA
14040	3	2012	2	26	<23:05- -00:00	J3E/L	315	CLN	Group of males	OF84wx	WIA
14043	3	2012	2	8	1030	J3E/U			DAILY, ASIAN	QG52xi	WIA
14044.3	3	2012	2	5	1700	J3E/L			ASIAN	QG52xi	WIA
14048	3	2012	2	6	635	J3E/U		PHL	TAGALOG, ALL DAY EVERY DAY	QG52xi	WIA
14048	3	2012	2	3	<23:55- -00:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14048	3	2012	2	17	<23:55- -00:20	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2012	2	18	07:40-- 08:04	J3E/U	360	INS	Group of males	OF84wx	WIA

14048	3	2012	2	19	>07:10- -07:37	J3E/U			360	INS	2 males	OF84wx	WIA	
14048	3	2012	2	20	00:30-- 00:52	J3E/U			360	INS	Group of males	OF84wx	WIA	
14048	3	2012	2	20	01:26-- 01:27	J3E/U			360	INS	2 males calling, no reply	OF84wx	WIA	
14048	3	2012	2	20	<07:05- -08:15	J3E/U			360	INS	2 males, talking on-off 2 males	OF84wx	WIA	
14048	3	2012	2	22	<00:15- -00:25	J3E/U			360	INS		OF84wx	WIA	
14048	3	2012	2	22	07:05-- 08:00	J3E/U			360	INS	2 males	OF84wx	WIA	
14048	3	2012	2	23	22:45-- 23:20	J3E/U			360	INS	Group of males	OF84wx	WIA	
14048.8	3	2012	2	9	1015	J3E/U					DAILY ASIAN	QG52xi	WIA	
14049.8	3	2012	2	17	2025	J3E/U					ASIAN	QG52xi	WIA	
14050.7	3	2012	2	12	335	J3E/L					SPANISH LANGUAGE	QG52xi	WIA	
14055	3	2012	2	8	1025	J3E/U					ASIAN	QG52xi	WIA	
14056	1	2012	2	22	1010	F1B	MEDIUM	250				QG52xi	WIA	
14061.1	3	2012	2	28	1015	J3E/U					ASIAN	QG52xi	WIA	
14065.4	3	2012	2	11	<07:20- -07:33	J3E/U			315	CLN	2 males	OF84wx	WIA	
14069.8	3	2012	2	4	930	J3E/L					ASIAN, SOUNDS	QG52xi	WIA	
14070				21	<0240-0250>	J3E/U				CHN	UNID	FISHERMEN	MK82	ARSI
14078	3	2012	2	22	07:05-- 08:28	J3E/U			315	CLN	2 males	OF84wx	WIA	
14083	3	2012	2	21	22:45-- 00:10	J3E/U			315	CLN	Group of males	OF84wx	WIA	
14083	3	2012	2	22	23:15-- 23:45	J3E/U			315	CLN	2 males	OF84wx	WIA	
14083	3	2012	2	28	22:45-- 00:00	J3E/U			360	?	Group of males	OF84wx	WIA	
14083.2	3	2012	2	13	<23:30- -00:03	J3E/U			315	CLN	Group of males	OF84wx	WIA	
14083.3	3	2012	2	18	<23:20- -00:27	J3E/U			315	CLN	Group of males	OF84wx	WIA	
14084	3	2012	2	15	<07:30- -07:43	J3E/U			360	INS	1 male, listening on another frequency	OF84wx	WIA	
14084	3	2012	2	29	00:55-- 05:15	J3E/U			360	INS	1female , listening to another	OF84wx	WIA	

						frequency					
					22:45--				2 males		
14088.6	3	2012	2	10	22:50	J3E/L	315	CLN		OF84wx	WIA
14088.7	3	2012	2	7	1025	J3E/L			ASIAN	QG52xi	WIA
14090	30	2012	2	3	1020	VXX			DAILY, CODAR, SWEEPS 30 KHZ	QG52xi	WIA
					22:50--				Group of males		
14092	3	2012	2	23	23:12	J3E/L	315	CLN		OF84wx	WIA
14093.3	3	2012	2	9	900	J3E/U			ASIAN	QG52xi	WIA
14100	3	2012	2	21	925	J3E/U			SPANISH LANGUAGE, NUMBERS	QG52xi	WIA
14100	5	2012	2	19	640	G7D			APPROX 50 SUBCARRIERS ON 80 HZ CENTRES	QG52xi	WIA
14101.4	3	2012	2	9	705	J3E/L			ASIAN	QG52xi	WIA
14102	3	2012	2	9	910	J3E/U		PHL	TAGALOG	QG52xi	WIA
14110	3	2012	2	9	820	J3E/U			ASIAN	QG52xi	WIA
14110	6	2012	2	3	1025	A3E			SW BROADCAST	QG52xi	WIA
14111	3	2012	2	8	910	J3E/L			ASIAN, TAGALOG OR BAHASA	QG52xi	WIA
14120	3	2012	2	1	945	J3E/U			ASIAN, FISHBOATS - ENGINE NOISE.	QG52xi	WIA
14121	5	2012	2	8	1035	G7D			ROVING CARRIERS	QG52xi	WIA
14123	3	2012	2	20	920	J3E/U			ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA
14125				11	<1115-1125>	J3E/U		CLN UNID	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY - 2 OM	MK82 QG52xi	ARSI
14128	5	2012	2	8	1040	G7D			APPROX 50 SUBCARRIERS ON 80 HZ CENTRES		WIA
14134.9	3	2012	2	8	1040	J3E/U			ASIAN, SOUNDS CHINESE, FAMILY NET SRI LANKAN FISHERMEN IN SINHALA LANGUAGE	QG52xi	WIA
14141.2				11	<0405-0415>	J3E/L		CLN UNID	ONLY - 2 OM	MK82	ARSI
14141.5	3	2012	2	6	935	J3E/L			ASIAN	QG52xi	WIA
14141.5	3	2012	2	7	1025	J3E/U			ASIAN	QG52xi	WIA

14166.7	3	2012	2	20	920		J3E/U				ASIAN FISHBOATS, ENGINE NOISE OTHR 3 sec. bursts every 30 secs.	QG52xi	WIA		
14180	20	2012	02	06	<0001>	0001-0020	P0N			?	Unid	RF72LQ	NZART	ZL1BAD	
14183	9	2012	02	16	<1938>	1938	P0N			?	Unid	RF73MF	NZART	ZL1GWE	
14192	1	2012	2	7	1030		F1B	700				QG52xi	WIA		
14203	2	2012	02	12	<1200-1210>		J3E/U			UNID	UNID	NL06	ARSI		
14203.5	10	2012	02	18	<0350>	0350	P0N			?	Unid	RF73MF	NZART	ZL1GWE	
14205	3	2012	2	22	815		F1B					QG52xi	WIA		
14215.3	3	2012	2	20	920		J3E/L					ASIAN FAMILY NET	QG52xi	WIA	
14218		2012	2	10	1020		N0N					QG52xi	WIA		
14223	3	2012	2	26	315		J3E/U					ASIAN MUSIC BROADCAST ODFM 38 tones PSK 4B with guard frequencies either side S5	QG52xi	WIA	
14228.5	2.5	2012	02	17	<0545>	0545	M9D	30		RUS	Unid	RF73MF	NZART	ZL1GWE	
14230	5	2012	2	21	920		A2A					QGSOME CYRILLIC CHARACTERS, MODULATION SOUNDS LIKE SEVERE HUM	QG52xi	WIA	
14232.5	3	2012	2	9	825		J3E/U					ASIAN OTHR 66 PPS 2 second bursts 17 second gaps S7	QG52xi	WIA	
14241.5	13	2012	02	18	<0613>	0613	P0N			?	Unid	RF73MF	NZART	ZL1GWE	
14243	3	2012	2	19	630		G7D					12 SUBCARRIERS	QG52xi	WIA	
14253.9	3	2012	2	8	1040		J3E/U					ASIAN, TAGALOG OR BAHASA	QG52xi	WIA	
14268	1	2012	2	22	820		F1B	HIGH					QG52xi	WIA	
14285	6	2012	2	5	1705		A3E		250			SW BROADCAST SOUNDS LIKE WHITE NOISE BUT SWEEPING AUDIO FREQ	QG52xi	WIA	
14292	5	2012	2	27	920		G7D						WIA		
14305	15	2012	2	19	520		P0N					OTHR, BURSTS	QG52xi	WIA	

14307.5	15	2012	02	19	<0408>	0408	P0N		?	Unid	OTHR 66 PPS part of a sequence first burst, followed by second up freq S3	RF73MF	NZART	ZL1GWE	
14307.5	3	2012	02	19	<0525>	0525	M9D			RUS	Unid	ODFM 12 tones with guard frequencies S9 apparently legal Russian signal OTHR 66 PPS part of a sequence double bursts 1 second long S5	RF73MF	NZART	ZL1GWE
14308	10	2012	02	19	<0408>	0408	P0N	330	?	Unid	OTHR, BURSTS	RF73MF	NZART	ZL1GWE	
14310	15	2012	2	19	640		P0N					QG52xi	WIA		
14315.3	3	2012	2	21	920		J3E/U					QG52xi	WIA		
14334	5	2012	2	10	1020		G7D					4 SUBCARRIERS ON 200 HZ CENTRES EACH HEAVILY PSK'D		WIA	
14337	1	2012	2	19	640		F1B	850				DAILY	QG52xi	WIA	
14343	2	2012	02	12	<1205-1215>		J3E/U			UNID	UNID	Two way communication by 2 OM	NL06	ARSI	
14347	3	2012	2	6	940		J3E/U					ASIAN	QG52xi	WIA	
										HIGH			QG52xi		
14349.0	1	2012	2	22	825		F1B	500						WIA	
14352.6	3	2012	2	6	1010		J3E/L					ASIAN	QG52xi	WIA	
21000.0	3	2012	2	19	645		J3E/U					ASIAN	QG52xi	WIA	
21000	20	2012	02	05	<0534>	0534-	P0N			?	Unid	OTHR Cyprus 50 PPS S6 QRT at 0543 with A1A long pulse remaining on 21001	RF73MF	NZART	ZL1GWE
21001	3	2012	2	19	1005		J3E/U					ASIAN	QG52xi	WIA	
21007	1	2012	2	12	430		F1B					BURSTS	QG52xi	WIA	
21008.2	3	2012	2	3	2350		J3E/U					ASIAN, SOUNDS JAPANESE	QG52xi	WIA	
21010	30	2012	2	24	650		P0N					OTHR, CONTINUOUS	QG52xi	WIA	
21010.0	3	2012	2	19	1000		J3E/U					ASIAN	QG52xi	WIA	
21016.8	3	2012	2	14	915		J3E/U					ASIAN	QG52xi	WIA	
21021.3	3	2012	2	7	940		J3E/U					ASIAN	QG52xi	WIA	
21054.9	3	2012	2	1	940		J3E/L					ASIAN	QG52xi	WIA	
21068.0	3	2012	2	22	840		J3E/U					ASIAN	QG52xi	WIA	
21090	30	2012	2	22	840		P0N					OTHR, CONTINUOUS	QG52xi	WIA	

21111.1	3	2012	2	3	1005		J3E/U			HOLA	QG52xi	WIA		
21115		2012	02	13	<0703>	0703	P0N	?	Unid	OTHR 66 PPS suspect South America S7 2 second bursts 19.5 second gaps	RF73MF	NZART	ZL1GWE	
21120	30	2012	2	24	900		P0N			OTHR, CONTINUOUS	QG52xi	WIA		
21121.1	3	2012	2	14	900		J3E/U			ASIAN	QG52xi	WIA		
21125.5	10	2012	02	05	<0514>	0514	P0N	?	Unid	OTHR 41 pps S7 2.5 second bursts part of a sequence changing	RF73MF	NZART	ZL1GWE	
21142.3	3	2012	2	1	935		J3E/L			ASIAN	QG52xi	WIA		
21160	12	2012	2	19	650		P0N			OTHR, CONTINUOUS	QG52xi	WIA		
21197.5	20	2012	02	03	<0434>	0434-	P0N	?	Unid	OTHR 50 pps shifting frequency too S9+	RF73MF	NZART	ZL1GWE	
21200	5	2012	2	9	830	0438	G7D			14 SUBCARRIERS ON 120 HZ SPACING, EACH PSK'D	QG52xi	WIA		
21210.0	12	2012	2	24	900		P0N			OTHR	QG52xi	WIA		
21220	12	2012	2	9	835		P0N			OTHR	QG52xi	WIA		
21236.5	19	2012	02	26	<0025>	0025-	P0N	?	Unid	OTHR S3 47 PPS 2.5 second bursts and 23.5 second gaps CODAR S9 15 pps 18 second long burst	RF73MF	NZART	ZL1GWE	
21255	17	2012	02	06	<0305>	0305	VXX	?	Unid	OTHR 50 pps shifting frequency too S9+	RF73MF	NZART	ZL1GWE	
21264	20	2012	02	03	<0434>	0434	P0N	?	Unid	OTHR	RF73MF	NZART	ZL1GWE	
21265	12	2012	2	9	835		P0N			OTHR	QG52xi	WIA		
21295.0	12	2012	2	3	700		P0N			OTHR	QG52xi	WIA		
21295	20	2012	02	03	<0434>	0434	P0N	?	Unid	OTHR 50 pps shifting frequency too S9+	RF73MF	NZART	ZL1GWE	
21300	10	2012	02	03	<0507>	0507	P0N	?	Unid	OTHR 43, 47, 39 pps variable rates plus bleep at beginning JORN? S4	RF73MF	NZART	ZL1GWE	
21317.0	3	2012	2	14	900		F7D			ARQ MODE	QG52xi	WIA		
21320.0	20	2012	2	26	615		P0N			OTHR	QG52xi	WIA		
21326	5	2012	2	22	845		G7D			MANY SUBCARRIERS ON 80 HZ SPACING	QG52xi	WIA		

21330	20	2012	02	14	<0703>	0703	P0N	?	Unid	OTHR 50 PPS continuous Cyprus or Turkey SW	RF73MF QG52xi	NZART	ZL1GWE
21340	8	2012	2	14	910		A3E			BROADCAST, LOW AUDIO OTHR 50 PPS continuous Cyprus or Turkey S6 QSB		WIA	
21359.5	20	2012	02	26	<0555>	0555	P0N	?	Unid	OTHR	RF73MF QG52xi	NZART	ZL1GWE
21380	12	2012	2	9	835		P0N			OTHR 3 Sec. bursts every 30 secs.		WIA	
21380	30	2012	02	03	<0050>	0050- 0135	P0N	?	Unid	OTHR 3 Sec bursts every 30 secs	RF72LQ	NZART	ZL1BAD
21380	30	2012	02	04	<0055>	0055	P0N	?	Unid	OTHR 3 Sec bursts every 30 secs	RF72LQ	NZART	ZL1BAD
21393.5	11	2012	02	05	<0514>	0514	P0N	?	Unid	OTHR 47 pps S7 2 second bursts part of a sequence	RF73MF	NZART	ZL1GWE
21400	13	2012	02	05	<0514>	0514	P0N	?	Unid	OTHR 47 pps S5 3 second bursts part of a sequence	RF73MF	NZART	ZL1GWE
21406.5	20	2012	02	26	<0555>	0555	P0N	?	Unid	OTHR 50 PPS continuous S6 at 0617z reduced to one signal instead of two (21300)	RF73MF	NZART	ZL1GWE
21420	30	2012	02	04	<0400>	0400- 0420	P0N	?	Unid	OTHR 6 Sec. bursts every 30 secs	RF72LQ	NZART	ZL1BAD
21420	30	2012	02	13	<0200>	0200- 0340	P0N	?	Unid	OTHR 6 Sec. bursts every 30 secs	RF72LQ	NZART	ZL1BAD
21438		2012	2	20	915		A1A			SOME CYRILLIC CHARACTERS SW	QG52xi	WIA	
21445	8	2012	2	3	1010		A3E			BROADCAST, LOW AUDIO		WIA	
21450	3	2012	2	12	435		J3E/L			ASIAN	QG52xi	WIA	
24905	6	2012	2	1	930		A3E			ASIAN	QG52xi	WIA	
24912.5	6	2012	2	4	1015		A3E			ASIAN	QG52xi	WIA	
24915.0	6	2012	2	12	425		A3E			ASIAN	QG52xi	WIA	
24920.0	30	2012	2	15	940		VXX			CODAR, SWEEPS 30 KHZ		WIA	
24925.0	6	2012	2	14	850		A3E			ASIAN	QG52xi	WIA	
24925.0	40	2012	2	12	530		P0N			OTHR	QG52xi	WIA	
24929	11	2012	02	05	<0514>	0514	P0N	?	Unid	OTHR 41 pps S6 2.5 second bursts part of a	RF73MF	NZART	ZL1GWE

sequence

24935	6	2012	2	19	650	A3E	ASIAN	QG52xi	WIA				
24950	6	2012	2	12	425	A3E	ASIAN	QG52xi	WIA				
24950	100	2012	2	1	920	P0N	OTHR	QG52xi	WIA				
24965	6	2012	2	14	850	A3E	ASIAN	QG52xi	WIA				
24975	6	2012	2	12	425	A3E	ASIAN	QG52xi	WIA				
24987.5	6	2012	2	5	310	A3E	ASIAN	QG52xi	WIA				
25020.0	100	2012	2	2	950	P0N	OTHR	QG52xi	WIA				
28000.0	20	2012	2	15	920	P0N	OTHR	QG52xi	WIA				
28000.0	6	2012	2	1	920	A3E	ASIAN	QG52xi	WIA				
28005.0	6	2012	2	5	310	A3E	ASIAN	QG52xi	WIA				
28012.5	6	2012	2	16	835	A3E	ASIAN	QG52xi	WIA				
28015	6	2012	2	1	920	A3E	ASIAN	QG52xi	WIA				
28025	6	2012	2	1	920	A3E	ASIAN	QG52xi	WIA				
28035	6	2012	2	1	920	A3E	ASIAN	QG52xi	WIA				
28037.5	6	2012	2	24	845	A3E	ASIAN	QG52xi	WIA				
28050	6	2012	2	10	855	A3E	ASIAN	QG52xi	WIA				
28055	6	2012	2	5	310	A3E	ASIAN	QG52xi	WIA				
28060	6	2012	2	16	835	A3E	ASIAN	QG52xi	WIA				
28062.5	6	2012	2	3	1000	A3E	ASIAN	QG52xi	WIA				
28065	6	2012	2	1	915	A3E	ASIAN	QG52xi	WIA				
28075	6	2012	2	10	855	A3E	ASIAN	QG52xi	WIA				
28085	6	2012	2	1	915	A3E	ASIAN	QG52xi	WIA				
28100	6	2012	2	5	925	A3E	ASIAN	QG52xi	WIA				
28105	6	2012	2	5	310	A3E	ASIAN	QG52xi	WIA				
28110	6	2012	2	24	845	A3E	ASIAN	QG52xi	WIA				
28115.0	20	2012	2	16	830	P0N	OTHR, CONSTANT	QG52xi	WIA				
28115.0	6	2012	2	3	1000	A3E	ASIAN	QG52xi	WIA				
28125.0	6	2012	2	5	310	A3E	ASIAN	QG52xi	WIA				
28130.0	6	2012	2	20	855	F3E	ASIAN	QG52xi	WIA				
28135.0	6	2012	2	5	310	A3E	ASIAN	QG52xi	WIA				
28137.5	6	2012	2	12	420	A3E	ASIAN	QG52xi	WIA				
28145.0	6	2012	2	1	915	A3E	ASIAN	QG52xi	WIA				
28150.0	10	2012	2	5	910	F3E	ASIAN	QG52xi	WIA				
28150.0	20	2012	2	3	1000	P0N	OTHR, CONSTANT	QG52xi	WIA				
28151.5	3	2012	2	16	830	J3E/U	ENCRYPTED SPEECH	QG52xi	WIA				
28155.0	6	2012	2	20	850	F3E	ASIAN	QG52xi	WIA				
28162.5	6	2012	2	1	915	A3E	ASIAN	QG52xi	WIA				
28165.0	6	2012	2	19	725	A3E	ASIAN	QG52xi	WIA				
28165.0	6	2012	2	1	915	A3E	ASIAN	QG52xi	WIA				
28168.5	38	2012	02	12	<0525>	0525- 0603	P0N	OTHR 50 pps Turkey or Cyprus	RF73MF	NZART	ZL1GWE		

							S9++ QRT at 0603z				
							OTHR 42 pps S3 varying frequencies	RF73MF	NZART	ZL1GWE	
28168.5	17	2012	02	19	<0544>	0544	P0N				
28170.0	20	2012	2	19	635		P0N				
28175.0	6	2012	2	1	915		F3E	OTHER, BURSTS	QG52xi	WIA	
28185.0	6	2012	2	20	850		F3E	ASIAN	QG52xi	WIA	
28187.5	6	2012	2	5	925		A3E	ASIAN	QG52xi	WIA	
28190.0	20	2012	2	9	845		P0N	OTHER,	QG52xi		
28195.0	6	2012	2	1	915		A3E	CONSTANT		WIA	
28200.0	6	2012	2	5	310		A3E	ASIAN	QG52xi	WIA	
28205.0	6	2012	2	1	915		A3E	ASIAN	QG52xi	WIA	
28215.0	6	2012	2	2	945		A3E	ASIAN	QG52xi	WIA	
28225.0	6	2012	2	1	915		A3E	ASIAN	QG52xi	WIA	
28235.0	6	2012	2	1	915		A3E	ASIAN	QG52xi	WIA	
28237.5	6	2012	2	12	420		A3E	ASIAN	QG52xi	WIA	
28245.0	6	2012	2	12	830		A3E	ASIAN	QG52xi	WIA	
28250.0	6	2012	2	14	845		A3E	ASIAN	QG52xi	WIA	
28255.0	6	2012	2	12	420		A3E	ASIAN	QG52xi	WIA	
28260.0	6	2012	2	23	950		A3E	ASIAN	QG52xi	WIA	
28262.5	6	2012	2	20	850		A3E	ASIAN	QG52xi	WIA	
28265.0	6	2012	2	5	305		A3E	ASIAN	QG52xi	WIA	
28275.0	6	2012	2	3	1000		A3E	ASIAN	QG52xi	WIA	
28285.0	6	2012	2	1	915		A3E	ASIAN	QG52xi	WIA	
28295.0	6	2012	2	1	915		A3E	ASIAN	QG52xi	WIA	
28300.0	20	2012	2	9	920		P0N	OTHER,			
28300.0	6	2012	2	20	850		A3E	CONSTANT		WIA	
28302.8		2012	2	24	840		A1A	ASIAN	QG52xi	WIA	
28303.0		2012	2	23	950		A1A	DRIFTNET			
28305.0	6	2012	2	5	920		A3E	BEACON		WIA	
28312.5	6	2012	2	19	725		A3E	DRIFTNET	QG52xi		
28315.0	6	2012	2	3	1000		A3E	BEACON		WIA	
28325.0	6	2012	2	1	910		A3E	ASIAN	QG52xi	WIA	
28335.0	6	2012	2	19	725		A3E	ASIAN	QG52xi	WIA	
28350.0	6	2012	2	14	845		A3E	ASIAN	QG52xi	WIA	
28355.0	6	2012	2	1	910		A3E	ASIAN	QG52xi	WIA	
28357.8		2012	2	24	835		A1A	DRIFTNET	QG52xi		
28360.0	40	2012	2	22	920		P0N	BEACON		WIA	
28362.5	6	2012	2	12	420		A3E	OTHER,	QG52xi		
28365.0	6	2012	2	1	910		A3E	CONTINUOUS		WIA	
28375.0	6	2012	2	1	910		A3E	ASIAN	QG52xi	WIA	

28385.0	6	2012	2	19	715	A3E	ASIAN	QG52xi	WIA
28387.5	6	2012	2	5	305	A3E	ASIAN	QG52xi	WIA
28400.0	6	2012	2	12	420	A3E	ASIAN	QG52xi	WIA
28405.0	6	2012	2	1	910	A3E	ASIAN	QG52xi	WIA
28415.0	6	2012	2	19	715	A3E	ASIAN	QG52xi	WIA
28425.0	6	2012	2	1	930	A3E	ASIAN	QG52xi	WIA
28435.0	6	2012	2	1	910	A3E	ASIAN	QG52xi	WIA
28437.5	6	2012	2	5	920	A3E	ASIAN	QG52xi	WIA
28450.0	6	2012	2	20	845	A3E	ASIAN	QG52xi	WIA
28455.0	6	2012	2	1	910	A3E	ASIAN	QG52xi	WIA
28465.0	6	2012	2	1	910	A3E	ASIAN	QG52xi	WIA
28475.0	6	2012	2	14	845	A3E	ASIAN	QG52xi	WIA
28485.0	6	2012	2	1	910	A3E	ASIAN	QG52xi	WIA
28490.0	6	2012	2	24	835	A3E	ASIAN	QG52xi	WIA
28495.0	6	2012	2	24	835	A3E	ASIAN	QG52xi	WIA
28505.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28512.5	6	2012	2	3	955	A3E	ASIAN	QG52xi	WIA
28515.0	6	2012	2	5	305	A3E	ASIAN	QG52xi	WIA
28525.0	6	2012	2	15	920	A3E	ASIAN	QG52xi	WIA
28530.0	40	2012	2	19	715	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28535.0	6	2012	2	12	415	A3E	ASIAN	QG52xi	WIA
28542.0	6	2012	2	23	945	A3E	ASIAN	QG52xi	WIA
28550.0	6	2012	2	3	955	A3E	ASIAN	QG52xi	WIA
28555.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28560.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28565.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28575.0	6	2012	2	5	305	A3E	ASIAN	QG52xi	WIA
28585.0	6	2012	2	1	915	A3E	ASIAN	QG52xi	WIA
28595.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28600.0	6	2012	2	10	855	A3E	ASIAN	QG52xi	WIA
28605.0	6	2012	2	19	715	A3E	ASIAN	QG52xi	WIA
28612.5	6	2012	2	20	845	A3E	ASIAN	QG52xi	WIA
28620.0	6	2012	2	12	415	A3E	ASIAN	QG52xi	WIA
28625.0	6	2012	2	19	710	A3E	ASIAN	QG52xi	WIA
28635.0	6	2012	2	12	415	A3E	ASIAN	QG52xi	WIA
28655.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
28665.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28675.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
28685.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28687.5	6	2012	2	19	710	A3E	ASIAN	QG52xi	WIA
28705.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28715.0	6	2012	2	19	710	A3E	ASIAN	QG52xi	WIA
28725.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
28735.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA

28737.5	6	2012	2	10	855	A3E	ASIAN	QG52xi	WIA
28740.0	6	2012	2	20	845	A3E	ASIAN	QG52xi	WIA
28745.0	6	2012	2	19	710	A3E	ASIAN	QG52xi	WIA
28750.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
28755.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28762.5	6	2012	2	19	710	A3E	ASIAN	QG52xi	WIA
28765.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28770.0	6	2012	2	20	845	A3E	ASIAN	QG52xi	WIA
28772.0	6	2012	2	10	850	A3E	ASIAN	QG52xi	WIA
28800.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
28805.0	6	2012	2	24	830	A3E	ASIAN	QG52xi	WIA
28825.0	6	2012	2	19	705	A3E	ASIAN	QG52xi	WIA
28835.0	6	2012	2	19	940	A3E	ASIAN	QG52xi	WIA
28837.5	6	2012	2	12	415	A3E	ASIAN	QG52xi	WIA
28850.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
28862.5	6	2012	2	19	705	A3E	ASIAN	QG52xi	WIA
28875.0	6	2012	2	1	905	A3E	ASIAN	QG52xi	WIA
28880.0	6	2012	2	19	705	A3E	ASIAN	QG52xi	WIA
28885.0	6	2012	2	24	825	A3E	ASIAN	QG52xi	WIA
28887.5	6	2012	2	10	850	A3E	ASIAN	QG52xi	WIA
28900.0	6	2012	2	14	840	A3E	ASIAN	QG52xi	WIA
28912.5	6	2012	2	12	410	A3E	ASIAN	QG52xi	WIA
28925.0	6	2012	2	1	900	A3E	ASIAN	QG52xi	WIA
28945.0	6	2012	2	26	255	A3E	ASIAN	QG52xi	WIA
28950.0	6	2012	2	14	840	A3E	ASIAN	QG52xi	WIA
28955.0	6	2012	2	23	900	A3E	ASIAN	QG52xi	WIA
28975.0	6	2012	2	10	850	A3E	ASIAN	QG52xi	WIA
28985.0	6	2012	2	12	410	A3E	ASIAN	QG52xi	WIA
28987.5	6	2012	2	14	840	A3E	ASIAN	QG52xi	WIA
29000.0	30	2012	2	22	915	P0N	OTHR	QG52xi	WIA
29000.0	6	2012	2	10	850	A3E	ASIAN	QG52xi	WIA
29015.0	6	2012	2	12	410	A3E	ASIAN	QG52xi	WIA
29025.0	6	2012	2	3	955	A3E	ASIAN	QG52xi	WIA
29050.0	30	2012	2	22	915	P0N	OTHR	QG52xi	WIA
29050.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
29075.0	6	2012	2	3	955	F3E	ASIAN	QG52xi	WIA
29087.5	6	2012	2	24	825	F3E	ASIAN	QG52xi	WIA
29100.0	30	2012	2	22	910	P0N	OTHR	QG52xi	WIA
29100.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
29125.0	6	2012	2	5	300	A3E	ASIAN	QG52xi	WIA
29150.0	30	2012	2	22	910	P0N	OTHR	QG52xi	WIA
29150.0	6	2012	2	11	600	A3E	ASIAN	QG52xi	WIA
29160.0	6	2012	2	15	915	A3E	ASIAN	QG52xi	WIA
29162.5	6	2012	2	5	920	A3E	ASIAN	QG52xi	WIA
29175.0	6	2012	2	3	955	A3E	ASIAN	QG52xi	WIA

29187.5	6	2012	2	11	555	A3E			ASIAN	QG52xi	WIA
29200.0	6	2012	2	5	920	A3E			ASIAN	QG52xi	WIA
29205.0	6	2012	2	23	855	A3E			ASIAN	QG52xi	WIA
29212.5	6	2012	2	18	945	A3E			ASIAN	QG52xi	WIA
29225.0	6	2012	2	10	845	A3E			ASIAN	QG52xi	WIA
29235.0	6	2012	2	19	700	A3E			ASIAN	QG52xi	WIA
29237.5	6	2012	2	11	530	A3E			ASIAN	QG52xi	WIA
29250.0	6	2012	2	5	300	F3E			ASIAN	QG52xi	WIA
29260.0	6	2012	2	14	840	F3E			ASIAN	QG52xi	WIA
29275.0	6	2012	2	2	940	A3E			ASIAN	QG52xi	WIA
29287.5	6	2012	2	11	520	A3E			ASIAN	QG52xi	WIA
29300.0	6	2012	2	11	520	A3E			ASIAN	QG52xi	WIA
29312.5	6	2012	2	11	520	A3E			ASIAN	QG52xi	WIA
29315.0	6	2012	2	23	850	A3E			ASIAN	QG52xi	WIA
29325.0	6	2012	2	5	920	A3E			ASIAN	QG52xi	WIA
29337.5	6	2012	2	20	840	A3E			ASIAN	QG52xi	WIA
29350.0	6	2012	2	3	955	A3E			ASIAN	QG52xi	WIA
29362.5	6	2012	2	18	910	A3E			ASIAN	QG52xi	WIA
29375.0	30	2012	2	22	905	P0N			OTHR	QG52xi	WIA
29375.0	6	2012	2	3	950	A3E			ASIAN	QG52xi	WIA
29387.5	6	2012	2	18	910	A3E			ASIAN	QG52xi	WIA
29400.0	6	2012	2	5	300	A3E			ASIAN	QG52xi	WIA
29412.5	6	2012	2	5	255	A3E			ASIAN	QG52xi	WIA
29425.0	1	2012	2	15	910	F1B	SLOW	200	NO DECODES	QG52xi	WIA
29425.0	6	2012	2	5	255	A3E			ASIAN	QG52xi	WIA
									OTHR, FALLING TONE (SCANNING?). STEREO WITH 29530?		WIA
29430.0	30	2012	2	22	905	P0N			ASIAN	QG52xi	WIA
29437.5	6	2012	2	20	840	A3E			ASIAN	QG52xi	WIA
29450.0	6	2012	2	3	950	A3E			ASIAN	QG52xi	WIA
29462.5	6	2012	2	11	250	A3E			ASIAN	QG52xi	WIA
29465.0	6	2012	2	11	250	A3E			ASIAN	QG52xi	WIA
29475.0	6	2012	2	3	950	A3E			ASIAN	QG52xi	WIA
29485.0	6	2012	2	10	845	A3E			ASIAN	QG52xi	WIA
29487.5	6	2012	2	26	250	A3E			ASIAN	QG52xi	WIA
29500.0	6	2012	2	11	245	A3E			ASIAN	QG52xi	WIA
29512.5	6	2012	2	17	900	A3E			ASIAN	QG52xi	WIA
29525.0	6	2012	2	10	845	A3E			ASIAN	QG52xi	WIA
									OTHR, FALLING TONE (SCANNING?)	QG52xi	WIA
29530.0	30	2012	2	22	905	P0N			ASIAN	QG52xi	WIA
29537.5	6	2012	2	11	230	A3E			ASIAN	QG52xi	WIA
29545.0	6	2012	2	26	250	A3E			ASIAN	QG52xi	WIA
29550.0	6	2012	2	2	940	A3E			ASIAN	QG52xi	WIA

29562.5	6	2012	2	20	835	A3E			ASIAN	QG52xi	WIA
29575.0	6	2012	2	5	255	A3E			ASIAN	QG52xi	WIA
29587.5	6	2012	2	10	845	A3E			ASIAN	QG52xi	WIA
29600.0	6	2012	2	5	255	A3E			ASIAN	QG52xi	WIA
29612.5	6	2012	2	10	935	A3E			ASIAN	QG52xi	WIA
29625.0	6	2012	2	10	840	A3E			ASIAN	QG52xi	WIA
29635.0	6	2012	2	23	845	A3E			ASIAN	QG52xi	WIA
29637.5	6	2012	2	2	950	A3E			ASIAN	QG52xi	WIA
29650.0	6	2012	2	10	840	A3E			ASIAN	QG52xi	WIA
29655.0	6	2012	2	12	400	A3E			ASIAN	QG52xi	WIA
29660.0	6	2012	2	24	700	A3E			ASIAN	QG52xi	WIA
29662.5	6	2012	2	10	905	A3E			ASIAN	QG52xi	WIA
29675.0	6	2012	2	3	950	A3E			ASIAN	QG52xi	WIA
29685.0	1	2012	2	11	225	F1B	SLOW	200	NO DECODES	QG52xi	WIA
29687.5	6	2012	2	3	950	A3E			ASIAN	QG52xi	WIA
29700.0	6	2012	2	3	950	A3E			ASIAN	QG52xi	WIA