



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



January 2012

Peter Young VK3MV

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

This month there were 827 observations made across the Region, which contrasts with 779 last month. Again this month there is an increase in the number of 10 meter intrusions.

The intrusion of a broadcast station operating on 7110 kHz from Burma has been reported to the Australian regulator seeking their assistance with its removal.

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

Wishing everyone best wishes for 2012.

Peter – VK3MV

7010		2012	01	23	<0210-0220>	J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7011		2012	01	15	<0120-0130>	J3E/U		CLN	UNID	CHINESE DIALECT CONVERSATIONS	MK82	ARSI	
7015.0	30	2012	1	22	1930	VXX		CHN	UNID	CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7015.0	3	2012	1	12	1225	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	3	2012	1	16	0920	J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015		2012	01	21	<0215-0220>	J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7017.5	1	2012	1	25	1935	F1B		CLN	UNID		QG52xi	WIA	
7018.5	1	2012	1	25	1935	F1B					QG52xi	WIA	
7019.0	8	2012	1	13	1155	A3E				SW BROADCAST	QG52xi	WIA	
7019.1		2012	1	24	1935	N0N					QG52xi	WIA	
7020.0	3	2012	1	12	1225	J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7020.0	3	2012	1	23	1025	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7023	34	2012	01	05	1840	P0N				7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7023	34	2012	01	08	1830	P0N		non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7025.0	3	2012	1	27	1545	J3E/L		non	non	DAILY, VILLAGE RADIO	QG52xi	WIA	
7030.0	3	2012	1	12	1225	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7038.5		2012	01	23	<0210-0220>	A1A				SINGLE LETTER BEACONS FROM RUSSIA	MK82	ARSI	
7038.7		2012	1	1	1940	A1A		RUS	C, D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.8		2012	01	25	<1644> 1644	A1A		RU	D	Russian Beacon Station	RF73MF	NZART	ZL1GWE
7038.9		2012	1	1	1940	A1A		RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.0		2012	1	23	1930	A1A		RU	S	HARBOUR BEACON (NEW ONE!)	QG52xi	WIA	
7039.0		2012	1	21	2000	A1A		RU	A	HARBOUR BEACON (NEW ONE!)	QG52xi	WIA	
7039.0		2012	1	1	1940	A1A		RU	I	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039	0.5	2012	01	01	2218	A1A		RU	C	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	02	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	02	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	02	1844	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	02	1950	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	03	1046	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	03	1232	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	03	1850	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	03	1850	A1A	15	RUS	F--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	04	1850	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	04	2214	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	06	2040	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	07	1040	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	01	09	0820	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	09	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	09	2210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	11	2212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	12	0150	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	14	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	15	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	15	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	16	0340	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	16	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	16	2210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	17	0330	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	17	0804	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	17	0950	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	17	2212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	18	0950	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	18	1230	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	18	1710	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	18	1804	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	18	2212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	18	2304	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	19	0140	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	19	0320	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	19	0810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	19	1002	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	19	1804	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	19	1810	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	19	2216	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	20	0320	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	20	0816	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	20	1010	anytime A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	20	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	20	1706	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	20	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	20	2214	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	21	0340	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	21	0810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	21	0940	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	21	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	21	1802	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	21	1806	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	21	2210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	22	0140	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	22	0810	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	22	0950	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	01	22	1604	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	22	2212	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	23	0140	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	23	0810	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	23	0950	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	23	1210	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	23	1604	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	23	1704	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	23	1706	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	23	1810	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	23	2210	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	24	0340	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	24	0810	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	24	1020	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	24	1208	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	24	1604	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	24	1710	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	24	1804	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	24	2214	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	24	2218	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	25	0340	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	25	0610	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	25	0612	A1A	anytime	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	25	0820	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	25	0822	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	25	1004	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	25	1006	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	25	1210	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	25	1212	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	25	2212	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	25	2216	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	0140	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	26	0810	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	26	0814	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	1004	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	26	1006	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	1210	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	26	1212	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	1604	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	1810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	26	2216	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	27	0340	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	27	0810	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	27	0812	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	01	27	1006	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	27	1008	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	27	1204	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	27	1206	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	27	1604	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	27	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	27	1710	A1A		37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	01	27	1814	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	27	1820	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	27	2210	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	27	2216	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	0630	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	0634	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	0810	A1A	anytime	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	0814	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	1020	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	1206	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	1210	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	1604	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	1608	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	1702	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	1706	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	1808	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	28	1812	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	2216	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	28	2220	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	0320	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	29	0630	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	29	0634	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	0820	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	29	0824	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	1010	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	1602	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	1606	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	29	1704	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	1708	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	29	1810	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	29	2210	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	29	2212	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	30	0340	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	30	0630	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	30	0810	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	30	0814	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	30	1030	A1A		321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	30	1034	A1A		15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	01	30	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	30	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	30	2210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	31	0830	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	31	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	31	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	31	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	01	31	2212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	01	31	2216	anytime A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039		2012	01	DY	<0330>	0330-2200 A1A		RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD
7039		2012	01	DY	<0330>	0330-2200 A1A		RUS	F	Vladivostok - Beacon F RJS	RF72LQ	NZART	ZL1BAD
7039		2012	01	DY	<0330>	0330-2200 A1A		RUS	P	Kaliningrad - Beacon P RMP	RF72LQ	NZART	ZL1BAD
7039		2012	01	DY	<0330>	0330-2200 A1A		RUS	C	Moscow - Beacon C RIW	RF72LQ	NZART	ZL1BAD
7039		2012	01	25	<1644>	1644 A1A		RUS	F	Russian Beacon Station	RF73MF	NZART	ZL1GWE
7039		2012	01	28	<1709>	1709-2000 A1A		RUS	A	Russian Beacon Station	RF73MF	NZART	ZL1GWE
7039		2012	01	29	<1706>	1706 A1A		RUS	F	Russian Beacon Station	RF73MF	NZART	ZL1GWE
7039.2		2012	1	16	0920	A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2012	1	16	0920	A1A		RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.3		2012	01	DY	<0330>	0330-2200 A1A		RUS	K	Petropavlovsk - Beacon K RCC	RF72LQ	NZART	ZL1BAD
7039.4		2012	1	1	1940	A1A		RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.4		2012	01	DY	<0330>	0330-2200 A1A		RUS	M	Magadan - Beacon M RTS	RF72LQ	NZART	ZL1BAD
7039.4		2012	01	29	<1706>	1706 A1A		RUS	M	Russian Beacon Station S3	Rf73MF	NZART	ZL1GWE
7039.9		2012	01	DY	<0330>	0330-2200 A1A		RUS	S	Severomorsk - Beacon S RIT	RF72LQ	NZART	ZL1BAD
7040	0.5	2012	01	07		16:16 A1A				train of "M","K"		JARL	
7040	0.5	2012	01	10		22:42 A1A				train of "C"		JARL	
7040	0.5	2012	01	18		21:13 A1A						JARL	
7040	0.5	2012	01	23		17:54 A1A				train of "F","M"		JARL	
7040	0.5	2012	01	25		23:12 A1A				train of "M","K"		JARL	
7040	0.5	2012	01	25		23:25 A1A				train of "F"		JARL	
7040	0.5	2012	01	27		20:52 A1A				train of "F","M"		JARL	
7041.7		2012	1	1	1940	A1A		RU	L	DAILY, HARBOUR BEACON	QG52xi	WIA	
7045		2012	01	04	<1755>	1755-1930 XXX		?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7045		2012	01	16	<1255>	1255 XXX		?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7045		2012	01	19	<1910>	1910 XXX		?	Unid	Unknown system	RF72LQ	NZART	ZL1BAD
7045		2012	01	21	<0600>	0600 F1B	240	?	Unid	No print	RF72LQ	NZART	ZL1BAD
7046	3	2012	01	12	1610	P0N	non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	12	1720	P0N	non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	12	1830	P0N	non	non	non	unknown	PM97	JARL	non

7046	3	2012	01	14	1610	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	14	1704	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	14	1804	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	16	1608	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	16	1706	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	16	1810	P0N			non	non	non	Beacon	PM97	JARL	non
7046	3	2012	01	19	1806	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	22	1608	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	22	1710	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	22	1812	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	25	1706	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	25	1810	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	26	1608	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	26	1706	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	26	1814	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	27	1608	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	27	1706	P0N			non	non	non	unknown	PM97	JARL	non
7046	3	2012	01	27	1818	P0N			non	non	non	unknown	PM97	JARL	non
7054.0	1	2012	1	5	1725	F1B	HIGH	200				CONTINUOUS, IDLE TONES	QG52xi	WIA	
7054		2012	01	DY	<0600>	F1B						Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
					0600-2830			200		RUS	REA4				
7062.0	8	2012	1	29	2000	VXX						WIDEBAND ROVING WHITE NOISE CARRIER	QG52xi	WIA	
7074.8		2012	1	26	1000	A1A					MO3A	CALLING ATS	QG52xi	WIA	
7075	30	2012	01	03	<1835>	VXX						CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7075	30	2012	01	06	<1845>	VXX				?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7075	30	2012	01	07	<1930>	VXX				?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7075	30	2012	01	03	<1835>	VXX				?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7075	30	2012	01	06	<1845>	VXX				?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7075	30	2012	01	07	<1930>	VXX				?	Unid	CODAR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7078		2012	01	25	<1644>	A1A						Russian Beacon Station SLB	RF73MF	NZART	ZL1GWE
										RUS	F				
7078		2012	01	29	<1706>	A1A						Russian Beacon Station S3 SLB	RF73MF	NZART	ZL1GWE
										RUS	F				
7078.3		2012	1	27	1945	A1A						HARBOUR BEACON. THE "REAL" F STILL PRESENT ON 7039.2	QG52xi	WIA	
										RU	F				
7079	0.5	2012	01	23		A1A						train of "F"		JARL	
7080.0	80	2012	1	27	1545	P0N						OTHR	QG52xi	WIA	
7083	0.5	2012	01	06	1746	P0N						7066KHz ~ 7100KHz wide pulse mode	PM97	JARL	non
									non	non	non	P0N OTHR ?			
7083	0.5	2012	01	06	1810	P0N						7066KHz ~ 7100KHz wide pulse mode	PM97	JARL	non
									non	non	non	P0N OTHR ?			

7083	34	2012	01	14	1614		P0N				7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7083	34	2012	01	16	1710		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7085.0	30	2012	1	1	1935		VXX	non	non	non	CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7087	48	2012	01	28	<1709>	1709	P0N				OTHR S9 sounds like a tractor	Rf73MF	NZART	ZL1GWE
7100.0	200	2012	1	25	1940		P0N		?	Unid	JAMMING SIGNAL?	QG52xi	WIA	
7100	?	2012	01	23		17:59	P0N				OTH Radar(?)		JARL	
7100		2012	01	02	<1739>	1739	A3E				Voice of Broad Masses (VOBM) No jammer S9	RF73MF	NZART	ZL1GWE
7101.7		2012	01	15	<0120-0130>		J3E/U		ERI	Radio Eritrea	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7102	20	2012	1	5	19:00-- 19:30>		PON		CLN	UNID	Radar	QF22MC	WIA	
7103.0	5	2012	1	3	0730		G7D			VK2SIR	APPROX 50 SUBCARRIERS APPROX 40 HZ APART	QG52xi	WIA	
7105	5	2012	01	01	2210	anytime	A3E				Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	01	2212		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	01	2258		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
											23:00 UTC Time signal 5+1 on time			
7105	5	2012	01	03	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	03	2210		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	04	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	04	2210		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	04	2258		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	5	2012	01	05	2212		A3E	15	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	05	2216		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	06	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	06	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	07	2210		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	07	2212		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	08	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	08	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	09	2204		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	09	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	10	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
								273	CHN	PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot

										Meng					
7105	3	2012	01	10	2210	anytime	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	11	2206		A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	11	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	12	2204		A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	12	2206		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	13	2206		A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	13	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	14	2210		A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	14	2212		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	15	2206		A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	15	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	16	2204		A1A			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	16	2206		A1A	non	CHN	non	Chinese Talk and Music	PM97	JARL	non	
7105	5	2012	01	17	2206		A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot	
								273	CHN	Meng					
7105	3	2012	01	17	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	18	2206	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	18	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	18	2258	A3E			Chinese Talk and Music	23:00 PM97	JARL	Hohhot			
										UTC Time signal 5+1 on time					
								273	CHN	PBS Nei					
7105	5	2012	01	19	2210	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	19	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	20	2208	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	20	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	21	2204	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	21	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	22	2206	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	22	2208	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	23	2204	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	23	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	24	2208	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	24	2210	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non		
7105	5	2012	01	25	2206	A3E			PBS Nei	Chinese Talk and Music	PM97	JARL	Hohhot		
								273	CHN	Meng					
7105	3	2012	01	25	2208	A3E	37	CHN	non	Chinese Talk and Music	PM97	JARL	non		

7105	5	2012	01	26	2210	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	26	2212	A3E		non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	27	2204	A3E				PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	27	2206	A3E		273	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	28	2210	A3E		non	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	28	2212	A3E		273	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	29	2202	A3E		non	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	29	2204	A3E		273	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	29	2258	A3E		non	CHN	non	Chinese Talk and Music Chinese Talk and Music UTC Time signal 5+1 on time	PM97	JARL	Hohhot
								273	CHN	PBS Nei Meng				
7105	5	2012	01	30	2204	A3E				PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	30	2206	A3E		273	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	01	31	2206	A3E		non	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	01	31	2208	A3E	anytime	273	CHN	non	Chinese Talk and Music	PM97	JARL	non
7110.0	8	2012	1	25	1150	A3E		non	CHN	non	SW BROADCAST	QG52xi	WIA	
7110.0	20	2012	1	5	1655	G7D					JAMMING SIGNAL, PRESUMABLY AGAINST TAIWAN	QG52xi	WIA	
7110.0	6	2012	1	29	1100>	A3E					Radio Myanmar Burma: 60-70's Music, News and Farming tips Male and Female announcers	QF22MA	WIA	VK3MV
									Burma	Unid				
7110	10	2012	01	03	<0545>	0545	A3E/XXX			Unid	B-C plus Jammer. Jammer 10K wide	RF72LQ	NZART	ZL1BAD
									?	Unid				
7112.3	3	2012	1	30	0730		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	
7117.0	7	2012	1	18	1205-2000		G7D				>100 SUBCARRIERS ON ~ 20 HZ SPACING	QG52xi	WIA	
7120.0	60	2012	1	23	1220		P0N				OTHR, CONTINUOUS	QG52xi	WIA	
7120		2012	01	04	<1745>	1745-1500	A3E			Unid	Same stn as on 7165	RF72LQ	NZART	ZL1BAD
7125		2012	01	29	<1706>	1706	N0N				Carrier from Broadcast station	RF73MF	NZART	ZI1GWE
									?	Unid				
7130		2012	01	15	<0135-0145>		A3E		UNID	UNID	WEAK SPURIOUS EMISSION	MK82	ARSI	
7130	40	2012	01	14	<1042>	1042-1400	P0N				OTHR S9	RF73MF	NZART	ZL1GWE
									?	Unid				
7130	30	2012	01	16	<1255>	1255	VXX		?	Unid	OTHR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7130	30	2012	01	19	<1910>	1910	VXX		?	Unid	OTHR 3 PPS Continuous	RF72LQ	NZART	ZL1BAD
7135.0	60	2012	1	24	1210		P0N				OTHR, CONTINUOUS	QG52xi	WIA	
7140.0	60	2012	1	13	1930		P0N				OTHR, 43.5 PPS, CONTINUOUS	QG52xi	WIA	

7143	34	2012	01	07	1620	P0N					7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non	
7143	34	2012	01	17	1604	P0N			non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	01	30	1710	P0N			non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	01	30	1806	P0N			non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7143	34	2012	01	31	1708	P0N			non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7145.0	80	2012	1	13	1030	P0N			non	non	non	OTHR	QG52xi	WIA	
7150	?	2012	01	27		P0N	20:54					OTH Radar(?)		JARL	
7153.0	1	2012	1	5	1645	F1B		HIGH	200				QG52xi	WIA	
7160.0	60	2012	1	27	1545	P0N						OTHR, CONTINUOUS	QG52xi	WIA	
7165.0	20	2012	1	5	1655	G7D						JAMMING SIGNAL, PRESUMABLY AGAINST TAIWAN	QG52xi	WIA	
7165		2012	1	04	<1745>	1745-1800	A3E					Same stn as on 7120. Closed at 1800	RF72LQ	NZART	ZL1BAD
7165		2012	01	04	<1745>	1745-1800	A3E			?	Unid	Same stn as on 7120. Closed at 1800	RF72LQ	NZART	ZL1BAD
7167.5	55	2012	01	28	<1709>	1709	P0N			?	Unid	OTHR S9 sounds like a tractor	RF73MF	NZART	ZL1GWE
7171.0	5	2012	1	26	1000		G7D			?	Unid	APPROX 50 SUBCARRIERS APPROX 80 HZ APART	QG52xi	WIA	
7175		2012	01	DY	<0400>	0400	A3E					B-C Stn. Some times with Jammer	RF72LQ	NZART	ZL1BAD
7175		2012	01	29	<1706>	1706	A3E			?	Unid	Broadcast station Voice of the Broad Masses S9	RF73MF	NZART	ZL1GWE
7185.0	8	2012	1	28	1545		A3E			ERI	VOBME	SW BROADCAST	QG52xi	WIA	
7185		2012	01	09	<1947>	1947	A3E				Radio Myanamar	Broadcast station S7	RE68XL	NZART	ZL2TZE
7186.0	5	2012	1	27	0850		G7D					APPROX 50 SUBCARRIERS APPROX 40 HZ APART	QG52xi	WIA	
7186.0		2012	1	27	0850		A1A					NUMBER CIPHER , MACHINE SENT	QG52xi	WIA	
7190.0	8	2012	1	24	1215		A3E					SW BROADCAST	QG52xi	WIA	
7190	6	2012	01	15	<0120-0130>		A3E					SLBC BROADCASTING WITH HINDI PROGRAMMING	MK82	ARSI	
7190	5	2012	01	16	<0220-0225>		A3E			CLN	SLBC	SLBC BROADCASTING WITH HINDI PROGRAMMING	MK82	ARSI	
7190	6	2012	01	21	<0210-0225>		A3E			CLN	SLBC	SLBC BROADCASTING WITH HINDI PROGRAMMING	MK82	ARSI	
7190	6	2012	01	23	<0220-0230>		A3E			CLN	SLBC	SLBC BROADCASTING WITH HINDI PROGRAMMING	MK82	ARSI	

7190	6	2012	01	27	<0145-0205>		A3E				CLN	SLBC	SLBC BROADCASTING WITH HINDI PROGRAMMING	MK82	ARSI	
7193	1	2012	01	26	<1545-1555>		A3E				UNID	UNID	Broadcast	NL06	ARSI	
7195.0	8	2012	1	29	1620		A3E						SW BROADCAST	QG52xi	WIA	
7195		2012	01	23	<1828> 1628		A3E						PO Box 654 Radio Ethiopia Addis Ababa 1700z French Programme S9	RE68XL	NZART	ZL2TZE
											ETH	Radio Ethiopia				
7195		2012	01	26	<1805> 1805		A3E						Broadcast station as above Radio Ethiopia from Kinshasa S9	RE68XL	NZART	ZL2TZE
											ETH	Radio Ethiopia				
7200.0	8	2012	1	1	1935		A3E				SDN		DAILY, SW BROADCAST	QG52xi	WIA	
10116		2012	01	28	<0150-0200>		J3E/U						CHINESE DIALECT CONVERSATIONS	MK82	ARSI	
											CHN	UNID				
10139.5	19	2012	01	08	<0417> 0417		VXX				?	Unid	CODAR S1 2-3 pps	RF73MF	NZART	ZL1GWE
10140.0	8	2012	1	16	0915		A3A						DAILY, SW BROADCAST	QG52xi	WIA	
14000.0	3	2012	1	1	0850		J3E/U						DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	
14000	3	2012	1	1	07:55--08:22		J3E/U		315		CLN		Group of males	OF84wx	WIA	
14000	3	2012	1	1	22:44--00:38		J3E/U		315		CLN		Group of males	OF84wx	WIA	
14000	3	2012	1	2	<07:50-09:35		J3E/U		360		INS		Group of males	OF84wx	WIA	
14000	3	2012	1	2	22:30--23:53		J3E/U		315		CLN		Group of males	Of84wx	WIA	
14000	3	2012	1	3	07:30--07:43		J3E/U		315		CLN		Group of males	OF84wx	WIA	
14000	3	2012	1	3	22:46--23:40		J3E/L		360		INS		Group of males, outside of 20m band	OF84wx	WIA	
14000	3	2012	1	3	23:50--00:16		J3E/U		315		CLN		2 males	OF84wx	WIA	
14000	3	2012	1	3	07:20--09:10		J3E/U		315		CLN		2 males	OF84wx	WIA	
14000	3	2012	1	4	<22:35-23:44		J3E/U		315		CLN		2 males	OF84wx	WIA	
14000	3	2012	1	4	08:46--08:55		J3E/U		315		CLN		2 males	OF84wx	WIA	
14000	3	2012	1	5	22:40--00:17		J3E/U		315		CLN		Group of males	OF84wx	WIA	
14000	3	2012	1	6	<22:35-00:02		J3E/U		315		CLN		Group of males	OF84wx	WIA	
14000	3	2012	1	7	<22:45-23:45		J3E/U		315		CLN		Group of males	OF84wx	WIA	
14000	3	2012	1	8	06:15--06:30		J3E/U		315		CLN		Group of males	OF84wx	WIA	

14000	3	2011	1	8	22:30-- 00:18	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	9	05:58-- 06:03	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	9	<22:30- -23:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	10	23:05-- 23:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	11	<07:50- -08:22	J3E/L	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	11	22:42-- 00:03	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	12	22:40-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	13	07:44-- 08:04	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	13	22:45-- 00:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	14	22:40-- 23:32	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	15	07:50-- 08:12	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	15	22:45-- 00:04	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	16	22:48-- 00:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	17	07:44-- 08:35	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	17	23:40-- 23:43	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	18	<22:44- -23:05	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	19	<23:35- -23:50	J3E/L	360	INS	2 males	OF84wx	WIA
14000	3	2012	1	21	23:34-- 00:01	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	22	<07:30- -07:48	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	22	23:30-- 23:55	J3E/U	315	CLN	GRoup of males	OF84wx	WIA
14000	3	2012	1	23	22:45-- 23:30	J3E/L	360	INS	Group of males	OF84wx	WIA
14000	3	2012	1	24	22:42-- 00:50	J3E/U	360	CLN	2 males	OF84wx	WIA

14000	3	2012	1	25	<07:30-07:45	J3E/U	360	INS	Group of males	OF84wx	WIA
14000	3	2012	1	25	22:42--23:36	J3E/U	360	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	26	<07:30-07:55	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	26	23:00--01:05	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	27	07:30--07:52	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	27	23:03--23:52	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	28	23:30--00:40	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	29	07:23--08:02	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	29	23:00--23:37	J3E/U	315	CLN	1 male calling on-off ,no reply	OF84wx	WIA
14000	3	2012	1	30	07:30--08:18	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	30	22:49--23:12	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	1	31	<07:46-08:12	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	1	31	22:52--23:38	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000.1		2012	1	10	1930	N0N				QG52xi	WIA
14001.5	3	2012	1	26	1005	J3E/U			ASIAN, NOT CHINESE	QG52xi	WIA
14002.0	3	2012	1	7	2010	J3E/U			SOUNDS PORTUGUESE	QG52xi	WIA
14002	3	2012	1	7	08:50--09:48	J3E/U	315	CLN	Group of males	OF84wx	WIA
14002	3	2012	1	8	00:00--00:20	J3E/L	315	CLN	2 males	OF84wx	WIA
14002	3	2012	1	9	<23:15-23:40	J3E/L	315	CLN	Group of males	OF84wx	WIA
14002	3	2012	1	10	<22:28-23:07	J3E/U	315	CLN	2 males	OF84wx	WIA
14003.1		2012	01	28	<0245-0255>	J3E/U			SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14004.7		2012	01	09	<0145-0200>	J3E/U		CLN UNID	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
								CLN UNID			

14005.2		2012	01	11	<0235-0245>	J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14006.0	8	2012	1	3	0950	A3E		CLN	UNID	SW BROADCAST, ASIAN MUSIC	QG52xi	WIA
14011.0	5	2012	1	1	0850	G7D				APPROX 50 SUBCARRIERS APPROX 80 HZ APART	QG52xi	WIA
14014		2012	01	21	<0210-0215>	J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14015.0	3	2012	1	26	1005	J3E/U		CLN	UNID	ASIAN, NOT CHINESE	QG52xi	WIA
14019.0	3	2012	1	23	1000	J3E/U				ASIAN	QG52xi	WIA
14020.0	5	2012	1	3	0955	G7D				APPROX 50 SUBCARRIERS APPROX 80 HZ APART	QG52xi	WIA
14022.2	3	2012	1	13	07:30-- 07:35	J3E/U		315	CLN	2 males	OF84wx	WIA
14023	10	2012	01	02	<0614> 0614	P0N				OTHR 66pps S9 2 second bursts Suspected to South American direction	RF73MF	NZART ZL1GWE
14028	3	2012	1	13	,23;20- -23:30	J3E/U		?	Unid	2 males	OF84wx	WIA
14028	3	2012	1	16	23;12-- 23:20	J3E/U		315	CLN	2 males	OF84wx	WIA
14028.1	3	2012	1	2	0835	J3E/U		360	INS	2 males	OF84wx	WIA
14030.0	15	2012	1	23	1005	P0N				ASIAN	QG52xi	WIA
14030	3	2012	1	9	06:26-- 06:40	J3E/L		360	INS	OTHR, BURSTS 2 males	QG52xi OF84wx	WIA
14032	1	2012	01	26	<1535-1545>	J3E/U			UNID	Two way communication	NL06	ARSI
14033.2	3	2012	1	15	<07:15- -07:19	J3E/L		360		1 male only, listen on another frequency	OF84wx	WIA
14037		2012	01	06	<0240-0250>	J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14040.0	3	2012	1	1	0915	J3E/U		CLN	UNID	ASIAN	QG52xi	WIA
14040		2012	01	23	<0220-0235>	J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14040		2012	01	28	<0145-0200>	J3E/U		CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14040.3	3	2012	1	29	<07:15- -07:21	J3E/U		315	CLN	Group of males	OF84wx	WIA
14040.5	3	2012	1	17	<07:57- -08:08	J3E/U		315	CLN	2 males	OF84wx	WIA
14044.8	3	2012	1	1	0920	J3E/U				ASIAN	QG52xi	WIA

14045.0	40	2012	1	1	0920	G7D			IND	TRANSMITTER DEFECT @ ALL INDIA RADIO	QG52xi	WIA	
14048.0	3	2012	1	1	2125	J3E/U			PHL	DAILY, TAGALOG	QG52xi	WIA	
14048	3	2012	1	1	<07:15-07:30	J3E/U	360		INS	Group of males	OF84wx	WIA	VK4TJ
14048	3	2012	1	2	<08:10-08:30	J3E/U	315		CLN	Group of males	OF84wx	WIA	
14048	3	2012	1	7	23:06--23:35	J3E/U	360		INS	Group of males	OF84wx	WIA	
14048	3	2012	1	8	<06:00-06:37	J3E/U	360		INS	Group of males	OF84wx	WIA	
14048	3	2012	1	12	07:40--07:55	J3E/U	360		INS	Group of males	OF84wx	WIA	
14048	3	2012	1	13	<08:05-08:25	J3E/U	360		INS	2 males	OF84wx	WIA	
14048	3	2012	1	16	<07:20-07L26	J3E/U	360		INS	2 males	OF84wx	WIA	
14048	3	2012	1	23	<07:05-07:22	J3E/U	360		INS	Group of males	OF84wx	WIA	
14050.5	3	2012	1	24	1955	J3E/L				ASIAN, NOT CHINESE	QG52xi	WIA	
14050.5	3	2012	1	1	0915	J3E/U				DAILY, ASIAN	QG52xi	WIA	
14052.5	3	2012	1	27	2035	J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	
14057.0	3	2012	1	30	1020	J3E/U				ASIAN	QG52xi	WIA	
14058	3	2012	1	6	<07:55-08:22	J3E/L	315		CLN	2 males	OF84wx	WIA	
14058	3	2012	1	7	<07:50-08:30	J3E/U	315		CLN	2 males	OF84wx	WIA	
14058	3	2012	1	9	<08:30-08:42	J3E/L	360		CHN	Male-female	OF84wx	WIA	
14058	3	2012	1	10	<06:40-07:55	J3E/L	360		CHN	Male-female	OF84wx	WIA	
14058	3	2012	1	15	07:54--08:00	J3E/L	360		CHN	Male-female	OF84wx	WIA	
14058.1	3	2012	1	1	0740	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA	
14058.1	3	2012	1	7	0740	J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	
14062.2	3	2012	1	27	1415	J3E/U				ASIAN	QG52xi	WIA	
14063.7	3	2012	1	1	1945	J3E/U				ASIAN	QG52xi	WIA	
14064.0	3	2012	1	18	0950	J3E/U				ASIAN	QG52xi	WIA	
14067.1	3	2012	1	7	1025	J3E/U				ASIAN	QG52xi	WIA	
14091.6	3	2012	1	10	<07:27--7:52	J3E/U	360		CHN	2 males	OF84wx	WIA	
14091.7	3	2012	1	4	08:03--08:43	J3E/U	360		CHN	2 males	OF84wx	WIA	
14091.7	3	2012	1	14	<08:00-08:44	J3E/U	360		CHN	2 males	OF84wx	WIA	

14091.7	3	2012	1	19	08:08-- 09:07	J3E/U		360	CHN		2 males	OF84wx	WIA	
14091.8	3	2012	1	26	08:15-- 08:34	J3E/U		360	CHN		2 males	OF84wx	WIA	
14091.8	3	2012	1	27	08:00-- 08:35	J3E/U		360	CHN		2 males	OF84wx	WIA	
14092	3	2012	1	12	08:01-- 09:03	J3E/U		360	CHN		2 males	OF84wx	WIA	
14092	3	2012	1	13	<08:05- -08:52	J3E/U		360	CHN		2 males	OF84wx	WIA	
14092	3	2012	1	16	<08:10- -09:12	J3E/U		360	CHN		2 males	OF84wx	WIA	
14092	3	2012	1	17	<07:15- -07:16	J3E/U		360	CHN		1 male calling, no response	OF84wx	WIA	
14092	3	2012	1	23	:08:30- -08:37	J3E/U		360	CHN		Group of males	OF84wx	WIA	
14092	3	2012	1	24	<08:00- -08:42	J3E/U		360	CHN		Group of males	OF84wx	WIA	
14092	3	2012	1	25	<08:00- -08:32	J3E/U		360	CHN		2 males	OF84wx	WIA	
14093.5	3	2012	1	27	<08:40- -09:03	J3E/U		360	CHN		2 males	OF84wx	WIA	
14097.0	3	2012	1	29	0455	J3E/U					ASIAN, NOT CHINESE	QG52xi	WIA	
14097.5		2012	01	06	<0245-0255>	P0N					SPREADING FROM 14070 TO 14125 Khz AND QUITE STRONG.	MK82	ARSI	
14100.0	60	2012	1	5	1700	VXX			UNID	UNID	CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
14105.0	15	2012	1	21	0300	P0N					OTHR, BURSTS, 66 PPS	QG52xi	WIA	
14105	10	2012	01	21	<0400>	0400	P0N				OTHR 66pps 2 second bursts South American source suspected S9	RF73MF	NZART	ZL1GWE
14110.0	8	2012	1	23	1005	A3E			?	Unid	SW BROADCAST	QG52xi	WIA	
14110	30k	2012	01	03	<1845>	1845- 1935	P0N		?	?	CODAR 2pps continuous	RF72LQ	NZART	ZL1BAD
14110	30k	2012	01	04	<1905>	1905- 2005	P0N		?	?	CODAR 2pps continuous	RF72LQ	NZART	ZL1BAD
14133		2012	01	28	<0145-0200>		J3E/U				CHINESE DIALECT CONVERSATIONS	MK82	ARSI	
14142		2012	01	28	<0145-0200>		J3E/U		CHN	UNID	SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14157.0	3	2012	1	2	0840		J3E/U		CLN	UNID	ASIAN	QG52xi	WIA	
14183		2012	01	15	<0100>	0100- 0230	P0N	330	g	Unid	OTHR 30 second bursts 250 microvolts!	RF81JX	NZART	ZL2AN

14184	10	2012	01	01	<2306>	2306	P0N									OTHR 48 pps 4.5 and 5.5 seconds pulses and 756 second gaps S9	RF73MF	NZART	ZL1GWE
14185	12	2012	01	07	<0129>	0129	P0N				?	Unid				OTHR S5 66 pps South American direction	RF73MF	NZART	ZL1GWE
14187.5	9	2012	01	01	<2306>	2306	P0N		60		?	Unid				OTHR 48 pps 4.5 and 5.5 seconds pulses and 756 second gaps S9	RF73MF	NZART	ZL1GWE
14190.0	20	2012	1	7	0145		P0N				?	Unid				OTHR, BURSTS	QG52xi	WIA	
14191		2012	01	01	<0830>	0830	F1B		240	?	?	Unid				Idling only	RF72LQ	NZART	ZL1BAD
14192.0	1	2012	1	1	0750		F1B	HIGH	500							DAILY	QG52xi	WIA	
14222	10	2012	01	01	<0526>	0526	P0N									OTHR 66pps S5 Suspected to South American direction	RF73MF	NZART	ZL1GWE
14223.0	60	2012	1	1	0705		P0N				?	Unid				OTHR, BURSTS	QG52xi	WIA	
14230	30k	2012	01	07	<0035>	0035-0140	P0N				?	Unid				CODAR 2 second bursts every 34 seconds	RF72LQ	NZART	ZL1BAD
14250.0	3	2012	1	26	1010		F1B									SELCALL TONES	QG52xi	WIA	
14250.0	20	2012	1	26	1010		P0N									OTHR, BURSTS	QG52xi	WIA	
14250.9	3	2012	1	5	1710		J3E/U									SOUNDS ARABIC, FISH BOATS, ENGINE NOISE	QG52xi	WIA	
14255		2012	01	01	<0218>	0218	A1A									Suspected North Korean Military RVP QSY 12769 5 letter groups	Buller	NZART	Dallas
14255		2012	01	09	<0334>	0334	P0N				?	RVP				OTHR 66 pps Suspected South American source	RE68XL	NZART	ZL2TZE
14260	15	2012	01	10	<0248>	0248	P0N		60		?	Unid				OTHR 6 second durations 15 second gaps S2	RF81JX	NZART	ZL2AN
14280.0	20	2012	1	26	1010		P0N		340		?	Unix				OTHR, BURSTS	QG52xi	WIA	
14285.0	8	2012	1	5	1710		A3E									SW BROADCAST	QG52xi	WIA	
14289.5		2012	01	14	<0546>	0546	J3E/L									Non Amateurs Asian fishing boats south of NZ	RE54HF	NZART	ZL4IV
14295		2012	01	30	<0550>	0550	N0N				?	Unid				Carrier S4 with QSB transmitter left on?	RF73MF	NZART	ZL1GWE
14297	2	2012	01	12	<1205-1215>		A3E				?	Unid				Some broadcast from Asian country	NL06	ARSI	
14298		2012	01	28	<0539>	0539	P0N				UNID	UNID				OTHR 66pps S9+ Suspected South American Source	RF73MF	NZART	ZL1GWE
14310.0	25	2012	1	7	0355		P0N				?	Unid				OTHR	QG52xi	WIA	
14312	10	2012	01	07	<0337>	0337	P0N									OTHR 66pps 16 second gaps 3.5 second bursts	RF73MF	NZART	ZL1GWE
14312	10	2012	01	10	<0337>	0337-0642	P0N		60		?	Unid				OTHR 66pps South American suspected source multiple patterns	RF73MF	NZART	ZL1GWE
14323.0	20	2012	1	29	0640		P0N		60		?	Unid				OTHR, BURSTS	QG52xi	WIA	

14323	12	2012	01	29	<0625>	0625	P0N	800	?	Unid	OTHR 66pps S9 2 second bursts 24 second gap	RF73MF	NZART	ZL1GWE
14330.0	5	2012	1	27	0840		G7D				APPROX 50 SUBCARRIERS APPROX 40 HZ APART	QG52xi	WIA	
14330		2012	01	28	<0150-0200>		J3E/U				SRI LANKAN FISHERMEN IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14334	2	2012	01	12	<1200-1210>		J3E/U		CLN	UNID	Two way communication	NL06	ARSI	
14335.0	20	2012	1	26	1015		P0N		UNID	UNID		QG52xi	WIA	
14338.0	1	2012	1	2	0840		F1B				OTHR, BURSTS	QG52xi	WIA	
14350.0	20	2012	1	26	1015		P0N				OTHR, BURSTS	QG52xi	WIA	
18103	2	2012	01	22	<0649>	0649	P0N		?	Unid	OTHR or sounder 150 pos S3 0.5 second bursts	Rf73MF	NZART	ZL1GWE
18143.5	13	2012	01	05	<0558>	0558	P0N				OTHR 67 pps S9 3.5 second bursts and 12 second gaps	RF73MF	NZART	ZL1GWE
21001		2012	01	12	<0745-0755>		OTHR		?	Unid	SPREADING FROM 20990 TO 21012 Khz.	MK82	ARSI	
21002		2012	01	16	<1110-1120>		P0N		UNID	UNID		MK82	ARSI	
21006.6		2012	01	22	<0400-0410.		A1A		UNID	UNID	IRREGULAR NUMBER OF PULSES SENT	MK82	ARSI	
21040.0	40	2012	1	30	0740		P0N		UNID	UNID	OTHR	QG52xi	WIA	
21110.0	90	2012	1	12	0005		P0N				OTHR	QG52xi	WIA	
21111.2	3	2012	1	2	0830		J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	
21112.2	3	2012	1	11	1140		J3E/U				ASIAN	QG52xi	WIA	
21115.0	15	2012	1	11	0030		P0N				OTHR	QG52xi	WIA	
21115	15	2012	01	11	<0002>	0002	P0N	330/150	?	Unid	OTHR S9 5 second duration and 40 second gaps	RF81JX	NZART	ZL2AN
21140.0	90	2012	1	7	1000		P0N				OTHR	QG52xi	WIA	
21142.3	3	2012	1	28	0910		J3E/L				ASIAN	QG52xi	WIA	
21144.5	11	2012	01	14	<0314>	0314	P0N		?	Unid	OTHR 47 pps S9	RF73IJ	NZART	ZL1TPH
21150.0	40	2012	1	13	0150		P0N				OTHR	QG52xi	WIA	
21170.0	40	2012	1	8	0005		P0N				OTHR	QG52xi	WIA	
21172		2012	01	12	<0458>	0458-0611	P0N		?	Unid	OTHR 1.2 second bursts	RF82BG	NZART	ZL1DGK
21173		2012	01	12	<0611>	0611	N0N				Keyed Carrier residual signal after QTHR S0-S1 residual transmission	RF82BG	NZART	ZL1DGK
21175.0	20	2012	1	12	0425		P0N		?	Unid	OTHR	QG52xi	WIA	
21188.5	11	2012	01	02	<0000>	0000	P0N				OTHR 47 pps 2.5 second bursts S9	Rf73MF	NZART	ZL1GWE
21210	18	2012	01	14	<0432>	0432	VXX		?	Unid	CODAR S1	RF73MF	NZART	ZL1GWE

21210	22	2012	01	14	<0200>	0200-0201	VXX	?	Unid	CODAR 1-5 pps 10 second long burst S5	Rf73MF	NZART	ZL1GWE
21214	20	2012	01	14	<0418>	0418-0427	VXX			CODAR 7.6 pps 18.5 second burst + 8.9 pps bursts	RF73MF	NZART	ZL1GWE
21220		2012	01	14	<0732>	0732	P0N	?	Unid	OTHR 47 pps S9	RF73IJ	NZART	ZL1TPH
21224.5	11	2012	01	14	<0135>	0135	P0N			OTHR 47pps 3 second bursts and 24 second gaps	RF73MF	NZART	ZL1GWE
21235	22	2012	01	15	<0236>	0236	VXX	?	Unid	CODAR 1.5 pps S5	RF73MF	NZART	ZL1GWE
21235.5	11	2012	01	04	<0400>	0400-0405	P0N			OTHR 43 pps S9	Rf73MF	NZART	ZL1GWE
21237.5	15	2012	01	22	<0353>	0353	P0N	?	Unid	OTHR 66pps South American suspected source multiple patterns S9+	Rf73MF	NZART	ZL1GWE
21245	10	2012	01	14	<0731>	0731	P0N			OTHR 50 pps S9 earth shattering continous	RF73MF	NZART	ZL1GWE
21246	20	2012	01	14	<0135>	0135	VXX	?	Unid	CODAR 21 pps	RF73MF	NZART	ZL1GWE
21261.5	19	2012	01	30	<0557>	0557	VXX			CODAR S1	RF73MF	NZART	ZL1GWE
21265.5	69	2012	01	15	<0250>	0250	VXX	?	Unid	CODAR 1.4 pps S5	RF73MF	NZART	ZL1GWE
21270	30	2012	01	31	<0330>	0330	VXX			CODAR10 sec. bursts every 30 secs. 7 PPS	RF72LQ	NZART	ZL1BAD
21270	30	2012	01	31	<0330>	0330	P0N	?	Unid	OTHR 10 sec. bursts every 30 secs. 7 PPS* see comment below	RF72LQ	NZART	ZL1BAD
21286	10	2012	01	21	<0530>	0530	P0N			OTHR 34 and 39 pps variable pulse length with small bleep at start	RF73MF	NZART	ZL1GWE
21288.5	21	2012	01	15	<0254>	0254	VXX	?	Unid	CODAR 1.5 pps S5	RF73MF	NZART	ZL1GWE
21295	10	2012	01	30	<0732>	0732	P0N			OTHR 28, 29, 24 pps variable rates JORN type technology 5 second bursts S4	Rf73MF	NZART	ZL1GWE
21295	9.7	2012	01	08	<0315>	0315	P0N	?	Unid	OTHR 48, 45, 35 pps rates centre signature tone S9	RF73MF	NZART	ZL1GWE
21318.0	5	2012	1	27	0835		G7D			3 SUBCARRIERS 600 HZ APART, EACH BROADLY PSK'D, BURSTS	QG52xi	WIA	
21340.0	8	2012	1	1	0850		A3E	?	Unid	DAILY, SW BROADCAST	QG52xi	WIA	
21340.0	20	2012	1	2	0710		P0N			OTHR, 41PPS	QG52xi	WIA	
21343.5	13	2012	01	02	<0636z	0636	P0N	?	Unid	OTHR 41 pps 2 second bursts S9	RF73MF	NZART	ZL1GWE
21375		2012	01	14	<0315>	0315	P0N			OTHR 66 pps Suspected South American source S9	RF73MF	NZART	ZL1GWE

21380	30	2012	01	22	<0100>	0100-0200	P0N	?	Unid	OTHR 3 sec. bursts every 28 secs. 50 PPS	RF72LQ	NZART	ZL1BAD
21380	30	2012	01	23	<0320>	0320	P0N			OTHR 3 sec. bursts every 28 secs. 50 PPS	RF72LQ	NZART	ZL1BAD
21380	30	2012	01	30	<0025>	0025	P0N			OTHR 3 sec. bursts every 28 secs. 50 PPS	RF72LQ	NZART	ZL1BAD
21382	10	2012	01	22	<0131>	0131-0134	P0N			OTHR 47 pps S6 3 second bursts sequence of three in pattern	RF73MF	NZART	ZL1GWE
21423	10	2012	01	22	<0131>	0131-0134	P0N	?	Unid	OTHR 47 pps S6 3 second bursts sequence of three in pattern	RF73MF	NZART	ZL1GWE
21430	30	2012	01	03	<0320>	0320	P0N			OTHR 3 sec. bursts every 28 secs. 50 PPS	RF72LQ	NZART	ZL1BAD
21430	20	2012	01	14	<0640>	0640	VXX			CODAR	RF73IJ	NZART	ZL1TPH
21432		2012	01	12	<0458>	0458-0611	P0N			OTHR S9+	RF73IJ	NZART	ZL1TPH
21438.0		2012	1	16	0905		A1A	?	Unid	NUMBER CIPHER & CYRILLIC MORSE	QG52xi	WIA	
21444.4	3	2012	1	11	0930		J3E/L			ASIAN, NOT CHINESE	QG52xi	WIA	
24890.0	25	2012	1	28	0600		P0N			OTHR	QG52xi	WIA	
24900.0	25	2012	1	2	0725		P0N			OTHR	QG52xi	WIA	
24905.0	6	2012	1	16	0905		A3E	?	Unid	ASIAN	QG52xi	WIA	
24910.0	25	2012	1	1	0935		P0N			OTHR	QG52xi	WIA	
24911.5	5	2012	01	15	<0407>	0407	P0N			OTHR 46, 47, 48, 49 ppvariable rates pattern of five 2 second bursts	RF73MF	NZART	ZL1GWE
24915.0	6	2012	1	16	0905		A3E			ASIAN	QG52xi	WIA	
24925.0	6	2012	1	7	0135		F3E	?	Unid	ASIAN	QG52xi	WIA	
24930.0	30	2012	1	11	2330		VXX			CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
24935.0	6	2012	1	1	0915		A3E			ASIAN	QG52xi	WIA	
24950.0	6	2012	1	7	0940		A3E			ASIAN	QG52xi	WIA	
24955.0	6	2012	1	6	0335		A3E	?	Unid	ASIAN	QG52xi	WIA	
24963		2012	01	15	<0407>	0407	P0N			OTHR S1	RF82BG	NZART	ZL1DGK
24975.0	6	2012	1	2	0830		A3E			ASIAN	QG52xi	WIA	
24987.5	6	2012	1	1	0835		A3E			ASIAN	QG52xi	WIA	
25150		2012	01	15	<0407>	0407	P0N	?	Unid	OTHR Third burst of the 24911.5 sequence out of band. The Slow PPS (7) is reminiscent of the old Russian WoodPecker	RF73MF	NZART	ZL1GWE
28000.0	6	2012	1	1	0910		A3E			ASIAN	QG52xi	WIA	
28005.0	6	2012	1	1	0830		A3E			ASIAN	QG52xi	WIA	
28015.0	6	2012	1	7	0915		A3E			ASIAN	QG52xi	WIA	
28016.7		2012	01	14	<0935-0955>		A3E	CHN	UNID	CHINESE CONVERSATIONS	MK82	ARSI	

28025.0	6	2012	1	2	0825		A3E				ASIAN	QG52xi	WIA	
28029.5	25	2012	01	03	<0830>	0830	P0N				OTHR 50 pps and 52 pps S9	RE66IM	NZART	ZL3NB
								330	?	Unid				
28035.0	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28037.5	6	2012	1	11	0915		A3E				ASIAN	QG52xi	WIA	
28040.0	20	2012	1	24	0815		P0N				OTHR	QG52xi	WIA	
28048.5	23	2012	01	02	<0555>	0555-0605	P0N				OTHR 50 pps S9	RF73MF	NZART	ZL1GWE
									?	Unid				
28050.0	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28052.3		2012	01	14	<0935-0955>		A3E		CHN	UNID	CHINESE CONVERSATIONS	MK82	ARSI	
28052.8		2012	1	4	0300		A1A			4LDO	DRIFTNET BEACON	QG52xi	WIA	
28055.0	6	2012	1	1	0910		A3E				ASIAN	QG52xi	WIA	
28059.7		2012	01	14	<0935-0955>		A3E		CHN	UNID	CHINESE CONVERSATIONS	MK82	ARSI	
28065.0	6	2012	1	1	0910		A3E				ASIAN	QG52xi	WIA	
28075.0	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28085.0	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28100.0	6	2012	1	2	0800		A3E				ASIAN	QG52xi	WIA	
28105.0	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28112.5	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28115.0	6	2012	1	1	0830		A3E				ASIAN	QG52xi	WIA	
28125.0	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28130.0	6	2012	1	27	0825		A3E				ASIAN	QG52xi	WIA	
28135.0	6	2012	1	1	0910		A3E				ASIAN	QG52xi	WIA	
28137.5	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28145.0	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28150.0	6	2012	1	7	0915		A3E				ASIAN	QG52xi	WIA	
28155.0	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28160.0	6	2012	1	27	0825		A3E				ASIAN	QG52xi	WIA	
28162.5	6	2012	1	7	0920		A3E				ASIAN	QG52xi	WIA	
28165.0	6	2012	1	1	0910		A3E				ASIAN	QG52xi	WIA	
28175.0	6	2012	1	1	0825		F3E				ASIAN	QG52xi	WIA	
28185.0	6	2012	1	2	0800		A3E				ASIAN	QG52xi	WIA	
28187.5	6	2012	1	1	0910		A3E				ASIAN	QG52xi	WIA	
28190.0	6	2012	1	2	0800		A3E				ASIAN	QG52xi	WIA	
28195.0	6	2012	1	1	0825		F3E				ASIAN	QG52xi	WIA	
28200.0	6	2012	1	7	2340		A3E				ASIAN	QG52xi	WIA	
28205.0	6	2012	1	21	0855		A3E				ASIAN	QG52xi	WIA	
28215.0	6	2012	1	4	0255		A3E				ASIAN	QG52xi	WIA	
28225.0	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28235.0	6	2012	1	1	0910		A3E				ASIAN	QG52xi	WIA	
28237.5	6	2012	1	3	2305		A3E				ASIAN	QG52xi	WIA	
28245.0	6	2012	1	2	0755		A3E				ASIAN	QG52xi	WIA	
28250.0	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28255.0	6	2012	1	1	0825		A3E				ASIAN	QG52xi	WIA	
28262.5	6	2012	1	9	0230		F3E				ASIAN	QG52xi	WIA	

28265.0	6	2012	1	1	0825	A3E		ASIAN	QG52xi	WIA
28275.0	6	2012	1	1	0825	A3E		ASIAN	QG52xi	WIA
28285.0	6	2012	1	1	0825	A3E		ASIAN	QG52xi	WIA
28295.0	6	2012	1	6	0400	A3E		ASIAN	QG52xi	WIA
28300.0	6	2012	1	1	0825	A3E		ASIAN	QG52xi	WIA
28302.7		2012	1	1	0825	A1A	MN6	DRIFTNET BEACON	QG52xi	WIA
28305.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28315.0	6	2012	1	16	0845	A3E		ASIAN	QG52xi	WIA
28325.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28335.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28350.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28355.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28365.0	6	2012	1	7	0935	A3E		ASIAN	QG52xi	WIA
28375.0	6	2012	1	1	0820	F3E		ASIAN	QG52xi	WIA
28385.0	6	2012	1	11	0910	A3E		ASIAN	QG52xi	WIA
28400.0	6	2012	1	18	0900	A3E		ASIAN	QG52xi	WIA
28405.0	6	2012	1	7	0935	A3E		ASIAN	QG52xi	WIA
28415.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28425.0	6	2012	1	1	0905	A3E		ASIAN	QG52xi	WIA
28435.0	6	2012	1	6	0400	A3E		ASIAN	QG52xi	WIA
28455.0	6	2012	1	6	0355	A3E		ASIAN	QG52xi	WIA
28465.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28475.0	6	2012	1	2	0755	A3E		ASIAN	QG52xi	WIA
28476.5	1	2012	1	16	0845	F1B	HIGH 150	NO DECODES	QG52xi	WIA
28485.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28495.0	6	2012	1	2	0755	A3E		ASIAN	QG52xi	WIA
28500.0	6	2012	1	1	0820	A3E		ASIAN	QG52xi	WIA
28505.0	6	2012	1	2	0755	A3E		ASIAN	QG52xi	WIA
28512.5	6	2011	12	6	0935	A3E		ASIAN	QG52xi	WIA
28515.0	6	2012	1	1	0815	A3E		ASIAN	QG52xi	WIA
28525.0	6	2012	1	2	0755	A3E		ASIAN	QG52xi	WIA
28530.0	100	2012	1	1	0815	P0N		OTHR	QG52xi	WIA
28535.0	6	2012	1	2	0755	A3E		ASIAN	QG52xi	WIA
28555.0	6	2012	1	1	0815	A3E		ASIAN	QG52xi	WIA
28562.5	6	2012	1	27	0820	A3E		ASIAN	QG52xi	WIA
28565.0	6	2012	1	6	0355	A3E		ASIAN	QG52xi	WIA
28575.0	6	2012	1	21	0850	A3E		ASIAN	QG52xi	WIA
28585.0	6	2012	1	1	0815	A3E		ASIAN	QG52xi	WIA
28595.0	6	2012	1	6	0355	A3E		ASIAN	QG52xi	WIA
28600.0	6	2012	1	2	0750	F3E		ASIAN	QG52xi	WIA
28605.0	6	2012	1	1	0815	A3E		ASIAN	QG52xi	WIA
28615.0	6	2012	1	1	0815	A3E		ASIAN	QG52xi	WIA
28625.0	6	2012	1	1	0815	A3E		ASIAN	QG52xi	WIA
28635.0	6	2012	1	21	0850	A3E		ASIAN	QG52xi	WIA
28643.0		2012	1	27	0820	A1A		NUMBER CIPHER	QG52xi	WIA

28645.0	6	2012	1	1	0815	A3E	ASIAN	QG52xi	WIA
28650.0	6	2012	1	27	0815	A3E	ASIAN	QG52xi	WIA
28655.0	6	2012	1	1	0815	A3E	ASIAN	QG52xi	WIA
28665.0	6	2012	1	4	0250	A3E	ASIAN	QG52xi	WIA
28675.0	6	2012	1	1	0815	A3E	ASIAN	QG52xi	WIA
28687.5	6	2012	1	2	0750	A3E	ASIAN	QG52xi	WIA
28700.0	6	2012	1	1	0815	A3E	ASIAN	QG52xi	WIA
28705.0	6	2012	1	1	0815	A3E	ASIAN	QG52xi	WIA
28715.0	6	2012	1	5	1030	A3E	ASIAN	QG52xi	WIA
28725.0	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
28735.0	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
28737.5	6	2012	1	9	0225	A3E	ASIAN	QG52xi	WIA
28745.0	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
28750.0	6	2012	1	5	1030	A3E	ASIAN	QG52xi	WIA
28755.0	6	2012	1	5	1025	A3E	ASIAN	QG52xi	WIA
28762.5	6	2012	1	6	0330	A3E	ASIAN	QG52xi	WIA
28770.0	6	2012	1	2	0750	A3E	ASIAN	QG52xi	WIA
28775.0	6	2012	1	2	0750	A3E	ASIAN	QG52xi	WIA
28795.0	6	2012	1	1	0905	A3E	ASIAN	QG52xi	WIA
28800.0	6	2012	11	9	1015	A3E	ASIAN	QG52xi	WIA
28805.0	6	2012	1	1	0905	A3E	ASIAN	QG52xi	WIA
28825.0	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
28830.0	6	2012	1	2	0750	A3E	ASIAN	QG52xi	WIA
28835.0	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
28837.5	6	2012	1	5	1025	A3E	ASIAN	QG52xi	WIA
28850.0	6	2012	1	1	0810	F3E	ASIAN	QG52xi	WIA
28860.0	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
28862.5	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
28875.0	6	2012	1	2	0750	A3E	ASIAN	QG52xi	WIA
28887.5	6	2012	1	9	1005	A3E	ASIAN	QG52xi	WIA
28900.0	6	2012	1	2	0750	A3E	ASIAN	QG52xi	WIA
28905.0	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
28912.5	6	2012	1	2	0745	A3E	ASIAN	QG52xi	WIA
28915.0	6	2012	1	6	0350	A3E	ASIAN	QG52xi	WIA
28925.0	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
28937.5	6	2012	1	9	0225	A3E	ASIAN	QG52xi	WIA
28950.0	6	2012	1	9	1000	A3E	ASIAN	QG52xi	WIA
28975.0	6	2012	1	5	1025	A3E	ASIAN	QG52xi	WIA
28980.0	6	2012	1	27	0815	A3E	ASIAN	QG52xi	WIA
28985.0	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
28987.5	6	2012	1	9	0225	A3E	ASIAN	QG52xi	WIA
29000.0	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
29010.0	6	2012	1	27	0815	A3E	ASIAN	QG52xi	WIA
29020.0	6	2012	1	2	0745	F3E	ASIAN	QG52xi	WIA
29025.0	6	2012	1	6	0325	A3E	ASIAN	QG52xi	WIA

29037.5	6	2012	1	9	0955	A3E	ASIAN	QG52xi	WIA
29050.0	6	2012	1	9	0955	A3E	ASIAN	QG52xi	WIA
29062.5	6	2012	1	2	0745	A3E	ASIAN	QG52xi	WIA
29095.0	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
29100.0	6	2012	1	2	0745	A3E	ASIAN	QG52xi	WIA
29105.0	6	2012	1	1	0900	A3E	ASIAN	QG52xi	WIA
29125.0	6	2012	1	5	1020	A3E	ASIAN	QG52xi	WIA
29162.5	6	2012	1	1	0810	A3E	ASIAN	QG52xi	WIA
29175.0	6	2012	1	1	0805	F3E	ASIAN	QG52xi	WIA
29187.5	6	2012	1	6	0325	A3E	ASIAN	QG52xi	WIA
29190.0	8	2012	1	9	0220	A3E	SW BROADCAST, VERY LOW MODULATION	QG52xi	WIA
29200.0	6	2012	1	6	0345	A3E	ASIAN	QG52xi	WIA
29212.5	6	2012	1	7	0930	A3E	ASIAN	QG52xi	WIA
29215.0	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29225.0	6	2012	1	9	0955	A3E	ASIAN	QG52xi	WIA
29240.0	6	2012	1	2	0745	A3E	ASIAN	QG52xi	WIA
29250.0	6	2012	1	1	0805	F3E	ASIAN	QG52xi	WIA
29275.0	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29280.0	6	2012	1	2	0745	A3E	ASIAN	QG52xi	WIA
29287.5	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29300.0	6	2012	1	2	0740	A3E	ASIAN	QG52xi	WIA
29337.5	6	2012	1	5	0920	A3E	ASIAN	QG52xi	WIA
29350.0	6	2012	1	2	0740	F3E	ASIAN	QG52xi	WIA
29362.5	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29375.0	6	2012	1	5	1010	A3E	ASIAN	QG52xi	WIA
29400.0	8	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29412.5	6	2012	1	6	0345	A3E	ASIAN	QG52xi	WIA
29425.0	6	2012	1	5	1005	A3E	ASIAN	QG52xi	WIA
29437.5	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29450.0	6	2012	1	7	0925	A3E	ASIAN	QG52xi	WIA
29450.0	6	2012	1	2	0740	F3E	ASIAN	QG52xi	WIA
29455.0	6	2012	1	7	0925	A3E	ASIAN	QG52xi	WIA
29462.5	6	2012	1	2	0740	F3E	ASIAN	QG52xi	WIA
29475.0	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29487.5	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29500.0	6	2012	1	1	0805	F3E	ASIAN	QG52xi	WIA
29512.5	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29515.0	6	2012	1	5	1005	A3E	ASIAN	QG52xi	WIA
29525.0	6	2012	1	1	0805	A3E	ASIAN	QG52xi	WIA
29537.5	6	2012	1	1	0800	A3E	ASIAN	QG52xi	WIA
29550.0	6	2012	1	1	0800	A3E	ASIAN	QG52xi	WIA
29555.0	6	2012	1	7	0925	A3E	ASIAN	QG52xi	WIA
29575.0	6	2012	1	2	0735	A3E	ASIAN	QG52xi	WIA
29587.5	6	2012	1	1	0800	A3E	ASIAN	QG52xi	WIA

29592.5	8	2012	1	7	0925	A3E		SW BROADCAST, VERY LOW MODULATION	QG52xi	WIA
29600.0	6	2012	1	5	1000	F3E		ASIAN, NOT AMATEUR	QG52xi	WIA
29625.0	6	2012	1	5	0955	A3E		ASIAN	QG52xi	WIA
29650.0	100	2012	1	1	0800	P0N		OTHR	QG52xi	WIA
29650.0	6	2012	1	2	0725	A3E		ASIAN	QG52xi	WIA
29655.0	6	2012	1	6	0320	A3E		ASIAN	QG52xi	WIA
29662.5	6	2012	1	1	0800	A3E		ASIAN	QG52xi	WIA
29671.0		2012	1	1	0800	A1A		DRIFTNET BEACON	QG52xi	WIA
29675.0	6	2012	1	1	0800	A3E	WW1	ASIAN	QG52xi	WIA
29687.5	6	2012	1	1	0800	A3E		ASIAN	QG52xi	WIA
29700.0	6	2012	1	1	0800	F3E		ASIAN	QG52xi	WIA