



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



November 2011

Peter Young VK3MV

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

This month there were 928 observations made across the Region, which contrasts with 1269 last month. Again this month there is an increase of 10 meter intrusions.

The spurious emission on 7145 kHz from Radio Australia appears to have been resolved. Reports of broadcast station intrusions in the 7100 to 7200 kHz segment from Afghanistan and Burma(?) have been reported to regulatory authorities.

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 seasons greetings and best wishes for 2012.

Peter – VK3MV

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3511	0.5	2011	11	05		22:13							train of "T"		JARL	
3525.0	5	2011	11	10	1845		G7D						DAILY, APPROX 20 SUBCARRIERS ON 100 HZ CENTRES	QG52xi	WIA	VK4TJ
3544.5	3	2011	11	10	1845		J3E/U				INS			QG52xi	WIA	
3552	3	2011	11	07		22:41	J3E						Japanese song		JARL	
3584.0	3	2011	11	7	1925		J1C							QG52xi	WIA	
3623.0	3	2011	11	10	1840		J1C							QG52xi	WIA	
3653.0	1	2011	11	10	1835		F1B		200					QG52xi	WIA	
3716	0.5	2011	11	20		06:32	A1A						h2f1 h2f1 h2f1 de drvz drvz v		JARL	
3797	0.5	2011	11	09		21:39	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	11	30		21:55	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2011	11	05		23:32	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2011	11	07		22:46	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3798	0.5	2011	11	20		06:41	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
6970.0	120	2011	11	11	1925		P0N						OTHR, SPILLS INTO AMATEUR 40 MTR ALLOCATION	QG52xi	WIA	
7000.0	15	2011	11	6	2020		VXX						UNKNOWN MODE, WIDEBAND MODULATED SWEEPING CARRIERS	QG52xi	WIA	
7000.0	3	2011	11	8	1015		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7005.0	3	2011	11	8	1015		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	3	2011	11	24	0940		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	30	2011	11	6	2015		VXX						CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7017		2011	11	09	<0150-0155>		J3E/U				CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI	
7020.0	3	2011	11	27	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7020.0	3	2011	11	10	0945		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7023	34	2011	11	11	1710		P0N			non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7023	34	2011	11	23	1804		P0N			non	non	non	7006KHz ~ 7040KHz wide pulse mode P0N OTHR ?		JARL	non
7025	3	2011	11	26	1802		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	12	1806		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	13	1808		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	15	1808		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	19	1804		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	20	1806		F1B			non	non	non	now on air		JARL	non
7028	3	2011	11	22	1804		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	24	1804		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	26	1804		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	27	1802		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	28	1804		F1B			non	non	non	IDL only		JARL	non
7028	3	2011	11	30	1806		F1B			non	non	non	IDL only		JARL	non
7036	3	2011	11	22	1806		F1B			non	non	non	IDL only		JARL	non

7036	3	2011	11	29	1810	F1B	non	non	non	IDL only		JARL	non
7038.5		2011	11	04	<0030-0045>	A1A		RUS	C, D, P	RUSSIAN SINGLE LETTER BEACONS	MK82	ARSI	
7038.7		2011	11	16	1950	A1A		RU	D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.9		2011	11	6	2015	A1A		RU	S	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039		2011	11	20	<0530>	A1A	315	RUS	C	Moscow - Beacon C Call sign RIW	RF73MF	NZART	ZL1GWE
7039.0		2011	11	6	2015	A1A		RU	C	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039	0.5	2011	11	01	0330	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2011	11	01	0840	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	0842	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	01	1046	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	1048	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	01	1330	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	01	1602	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	1604	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	01	1608	A1A	37	RUS	K--signal	Beacon		JARL	Kamchatskiy
7039	0.5	2011	11	01	1702	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	01	1704	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	1804	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	01	1806	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	1920	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	2236	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	01	2238	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	02	0340	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	02	0344	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	02	0830	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	02	0832	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	02	1040	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	02	1042	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	02	1250	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	02	2216	A1A	321	RUS	F--signal	Chinese Talk and Music		JARL	Vladivostok
7039	0.5	2011	11	02	2220	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	03	0340	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	0830	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	0832	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	03	1040	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	1042	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	03	1250	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	1252	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	11	03	1602	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	1702	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	1704	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	03	1802	A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	11	03	2210	A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	11	03	2214	A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039	0.5	2011	11	04	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	04	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	04	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	04	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	04	1304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	04	1610	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	04	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	04	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	05	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	05	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	05	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	05	1052	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	05	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	05	1608	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	05	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	05	1710	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	05	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	05	1808	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	05	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	05	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	06	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	06	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	06	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	06	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	06	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	06	1046	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	06	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	06	1610	A1A	15	RUS	M--signal	Beacon	JARL	non
7039	0.5	2011	11	06	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	06	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	07	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	07	0834	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	1046	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	07	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	07	1054	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	1320	A1A	321	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	07	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	07	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	08	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	08	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	08	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	11	08	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	08	1044	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	08	1048	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	08	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	08	1244	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	08	1714	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	08	1716	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	08	1718	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	08	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	08	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	08	1910	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	08	1912	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	08	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	08	2218	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	09	0344	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	09	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	09	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	09	1040	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	09	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	09	1046	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	09	1256	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	09	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	09	1604	anytime	A1A	37	RUS	K--signal	Beacon	PM97	Kamchatskiy
7039	0.5	2011	11	09	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	09	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	09	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	09	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	09	1902	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	09	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	09	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	10	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	10	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	10	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	10	1050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	10	1054	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	10	1330	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	10	1332	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	10	1710	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	10	1712	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	10	1812	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy	
7039	0.5	2011	11	10	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	10	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2011	11	11	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	11	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039	0.5	2011	11	11	0844	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039	0.5	2011	11	11	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	11	1330	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	11	1334	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	11	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	11	1706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	11	1804	A1A	37	RUS	K--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	11	1806	A1A	15	RUS	M--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	11	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	11	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	12	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	12	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	1050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	1330	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	1332	anytime A1A	37	RUS	K--signal	Beacon	PM97 JARL	Kamchatskiy
7039	0.5	2011	11	12	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	12	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	12	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	12	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	12	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	13	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	13	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	13	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	13	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	13	1044	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	13	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	13	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	13	1902	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	13	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	13	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	14	0820	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	14	0824	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	14	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	14	1054	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	14	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	14	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	14	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	15	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	15	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	15	1248	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	15	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	15	1704	anytime A1A	37	RUS	K--signal	Beacon	PM97 JARL	Kamchatskiy
7039	0.5	2011	11	15	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy

7039	0.5	2011	11	15	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	16	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	16	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	16	0844	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	16	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	16	1054	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	16	1830	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	16	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	16	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	17	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	17	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	17	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	17	0834	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	17	1050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	17	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	17	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	17	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	18	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	18	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	18	0834	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	18	1050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	18	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	19	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	19	0844	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	19	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	19	1054	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	19	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	19	1234	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	19	1604	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	19	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	19	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	20	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	20	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	20	0844	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	20	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	20	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	21	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	21	0832	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	21	0836	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	21	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	21	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	21	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	21	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	21	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	22	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	11	22	0820	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	22	0824	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	22	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	22	1240	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	22	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	22	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	22	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	22	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	22	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	23	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	23	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	23	0854	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	23	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	23	1044	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	23	1810	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	23	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	23	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	24	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	24	0650	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	24	0654	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	24	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	24	0836	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	24	1040	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	24	1244	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	24	1712	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	24	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	24	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	25	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	25	0810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	25	0814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	25	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	25	1810	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	25	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	25	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	26	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	26	0810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	26	0814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	26	0818	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	26	1020	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	26	1024	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	26	1250	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	26	1810	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	11	26	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	11	26	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	11	27	0346	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	11	27	0816	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	27	0820	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	27	0824	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy		
7039	0.5	2011	11	27	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy		
7039	0.5	2011	11	27	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy		
7039	0.5	2011	11	27	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	27	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	28	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	28	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	28	0810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	28	0814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	28	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	28	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	29	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	29	0810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	29	0814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	29	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	29	1034	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	29	1250	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	29	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	29	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	30	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	30	0814	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	30	0816	A1A	15	RUS	M--signal	IDL only	JARL	Magadan		
7039	0.5	2011	11	30	1056	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	30	1708	A1A	15	RUS	M--signal	Beacon	JARL	Magadan		
7039	0.5	2011	11	30	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok		
7039	0.5	2011	11	30	2220	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2011	11	30		21:58	A1A			train of "M","C"		JARL		
7039.2		2011	11	8	1010	A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA		
7039.3		2011	11	10	0940	A1A		RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA		
7039.4		2011	11	10	0940	A1A		RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA		
7040	0.5	2011	11	05		23:34	A1A			train of "F","M"		JARL		
7040	0.5	2011	11	05		22:36	A1A			train of "F"		JARL		
7040	0.5	2011	11	07		22:47	A1A			train of "F","M","K"		JARL		
7040	0.5	2011	11	09		21:45	A1A			train of " F "," M "		JARL		
7040	0.5	2011	11	17		11:04	A1A			train of "F"		JARL		
7040	0.5	2011	11	18		07:26	A1A			train of " F "," M "		JARL		
7040	0.5	2011	11	20		06:21	A1A			train of "K","F"		JARL		
7040	0.5	2011	11	20		06:48	A1A			train of "M","K"		JARL		
7040	0.5	2011	11	26		17:27	A1A			train of "M","K"		JARL		
7041.7		2011	11	10	1940	A1A		RU	L	DAILY, HARBOUR BEACON	QG52xi	WIA		
7044	3	2011	11	02	1044	F1B	non	non	non	now on air		JARL	non	
7044	3	2011	11	02	1254	F1B	non	non	non	now on air		JARL	non	
7044	3	2011	11	02	1602	F1B	non	non	non	now on air		JARL	non	

7044	3	2011	11	02	1702	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	02	1804	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	11	1808	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	12	1336	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	12	1708	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	12	1808	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	13	1256	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	13	1604	F1B		non	non	non	now on air	JARL	non	
7044	0.5	2011	11	13	1706	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	15	1054	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	18	1052	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	18	1250	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	18	1604	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	18	1704	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	18	1804	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	23	1604	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	23	1704	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	23	1806	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	27	1706	F1B	anytime	non	non	non	now on air	PM97	JARL	non
7044	3	2011	11	27	1804	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	28	1806	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	30	1052	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	30	1242	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	30	1604	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	30	1704	F1B		non	non	non	now on air	JARL	non	
7044	3	2011	11	30	1808	F1B		non	non	non	now on air	JARL	non	
7046		2011	11	12	<0203-0210>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7046	3	2011	11	23	1310	F1B		non	non	non	IDL only	JARL	non	
7046	3	2011	11	26	1806	F1B		non	non	non	IDL only	JARL	non	
7050		2011	11	09	<0150-0155>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7053.0	1	2011	11	10	1855	G7D					8 SUBCARRIERS APPROX 30 HZ APART	QG52xi	WIA	
7062.8	1	2011	11	16	1945	F1B	250					QG52xi	WIA	
7065		2011	11	09	<0150-0155>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7065		2011	11	22	<0220-0230>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7070.0	8	2011	11	12	1935	VXX					CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7076	3	2011	11	27	1810	F1B		non	non	non	now on air	JARL	non	
7077	34	2011	11	02	1706	P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	02	1806	P0N		non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	

7077	34	2011	11	03	1708		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	03	1806		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	08	1724		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	09	1708		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	12	1710		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	12	1810		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	14	1704		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	17	1604		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	11	19	1808	anytime	P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	non
7077	3	2011	11	27	1606		F1B	non	non	non	now on air		JARL	non
7078.0	5	2011	11	7	1935		G7D				~100 SUBCARRIERS, 40 HZ SPACING	QG52xi	WIA	
7089	34	2011	11	20	1056		P0N	non	non	non	7072KHz ~ 7106KHz wide pulse mode P0N OTHR ?	JARL	non	
7105	5	2011	11	01	2230		A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	01	2232		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	01	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music UTC Time signal 5+1 on time	23:00	JARL	Hohhot
7105	5	2011	11	02	2210		A3E	273	CHN	PBS Nei Meng	IDL only	JARL	Hohhot	
7105	3	2011	11	02	2212		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	02	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	5	2011	11	03	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	03	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	04	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	04	2208		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	05	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	05	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	06	2204		A1A	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	06	2206	anytime	A1A	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2011	11	07	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	07	2208		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	08	2210		A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	

										Meng			
7105	3	2011	11	08	2212	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	09	2206	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	09	2208	A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non	
7105	0.5	2011	11	10	1808	A1A	15	RUS	non	Beacon	JARL	Magadan	
7105	5	2011	11	10	2206	A3E	273	RUS	M--signal	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	10	2208	A3E	non	RUS	PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	11	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	11	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	12	2204	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	12	2206	A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non	
7105	5	2011	11	13	2202	A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	13	2204	A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	14	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	14	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	15	2206	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	15	2208	A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non	
7105	5	2011	11	16	2210	A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	16	2212	A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	17	2206	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	17	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	18	2206	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	18	2208	A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non	
7105	5	2011	11	19	2204	A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	19	2206	A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	20	2206	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	20	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2011	11	21	2206	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	21	2208	A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non	
7105	5	2011	11	22	2204	A3E	273	CHN	non	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	22	2206	A3E	non	CHN	PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	23	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	23	2206	anytime	A3E	non	CHN	non	PM97	JARL	non
7105	5	2011	11	24	2204	A3E	273	CHN	PBS Nei	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	24	2206	A3E	non	CHN	Meng	Chinese Talk and Music	JARL	non	

7105	5	2011	11	25	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	25	2212	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	26	2206	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	26	2208	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	27	2210	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	27	2212	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	28	2206	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	28	2208	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	29	2204	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	29	2206	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7105	5	2011	11	30	2210	A3E	273	CHN	Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2011	11	30	2212	A3E	non	CHN	non PBS Nei	Chinese Talk and Music	JARL	non	
7110.0	8	2011	11	29	<1000>	A3A			Unid	Program of sixties style music	QF12	WIA	VK3FDAS
7110.0	8	2011	11	27	<0930-1130>	A3A			Unid	Music	QF22MA	WIA	VK3MV
7113	34	2011	11	04	1308	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	11	04	1606	P0N	non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	11	02	0834	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	11	07	1810	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	11	13	1906	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	11	24	1240	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7137	34	2011	11	25	1804	P0N	non	non	non	7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	11	03	1606	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	11	07	1324	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	11	07	1608	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	11	08	1050	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	11	09	1810	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	11	09	1906	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	

7143	34	2011	11	11	1812	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	11	14	1230	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	11	24	1806	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7143	34	2011	11	28	1810	P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non
7144		2011	11	21	<0240-0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7155	34	2011	11	15	1608	P0N	non	non	non	7138KHz ~ 7172KHz wide pulse mode P0N OTHR ?	JARL	non
7167	34	2011	11	01	1050	P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	non
7167	34	2011	11	01	1706	P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	non
7167	34	2011	11	01	1804	P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	non
7167	34	2011	11	01	1924	P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	non
7167	34	2011	11	18	1056	P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	non
7167	34	2011	11	18	1254	P0N	non	non	non	7150KHz ~ 7184KHz wide pulse mode P0N OTHR ?	JARL	non
7170.0	30	2011	11	7	1930	VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA
7173	34	2011	11	05	1056	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7173	34	2011	11	05	1310	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7173	34	2011	11	06	1244	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7173	34	2011	11	08	1248	P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non
7180.0	6	2011	11	12	1930	A3E				SW BROADCAST	QG52xi	WIA
7181	34	2011	11	19	1608	P0N	non	non	non	7164KHz ~ 7198KHz wide pulse mode P0N OTHR ?	JARL	non
7185.0	6	2011	11	7	1925	A3E					QG52xi	WIA
7190	8	2011	11	12	<0203-0210>	A3E		CLN	SLBC	S ASIAN EXT SERVICE FROM SLBC IN MALAYALAM - COLOMBO, SRI LANKA Vivid Bharti S Indian Language Music Programme. The same programme can also be heard at 11.905 MHz	MK82	ARSI
7190	2	2011	11	28	<1135-1140>	A3E		CLN	SLBC		NL06	ARSI
7190.0	6	2011	11	7	1925	A3E				SW BROADCAST Like Vivid Bharti S Indian Language Music Programme	QG52xi	WIA
7191	2	2011	11	27	<1115-1120>	A3E		CLN	SLBC		NL06	ARSI

7200.0	6	2011	11	6	2000	A3E		SDN	SW BROADCAST	QG52xi	WIA	
7200	6	2011	11	20		A3E	06:52		News in Japanese language		JARL	
13999.6	3	2011	11	20	23:05--23:12	J3E/L		315 CLN	2 males, out of 20m band	OF84wx	WIA	VK6XW
14000.0	3	2011	11	30	1000	J3E/U			ASIAN	QG52xi	WIA	
14000	3	2011	11	4	<22:45--23:30	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	6	07:44--08:05	J3E/U		315 CLN	2 males	OF84wx	WIA	
14000	3	2011	11	9	<23:27--23:44	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	12	<08:22--08:27	J3E/L		360	2 males, outside of 20m band	OF84wx	WIA	
14000	3	2011	11	14	23:00--23:33	J3E/L		315 CLN	Group of males, outside of 20m band	OF84wx	WIA	
14000	3	2011	11	15	23:10--23:20	J3E/L		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	16	<22:45--23:13	J3E/L		315 CLN	Group of males, out of 20m band	OF84wx	WIA	
14000	3	2011	11	17	<22:40--22:54	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	18	<22:45--23:10	J3E/L		315 CLN	Group of males, out of 20m band	OF84wx	WIA	
14000	3	2011	11	19	07:55--08:03	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	19	<22:45--23:50	J3E/L		315 CLN	Group of males, out of 20m band	OF84wx	WIA	
14000	3	2011	11	22	23:15--23:30	J3E/U		315 CLN	2 males	OF84wx	WIA	
14000	3	2011	11	24	07:55--08:25	J3E/U		360 CHN	2 males, 1 female	Of84wx	WIA	
14000	3	2011	11	24	23:07--00:00	J3E/U		315 CLN	2 males	OF84wx	WIA	
14000	3	2011	11	25	08:11--08:16	J3E/L		360 INS	Male-female	OF84wx	WIA	
14000	3	2011	11	25	23:18--23:25	J3E/L		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	26	07:28--08:10	J3E/L		360 INS	Male-female, out of 20m band	OF84wx	WIA	
14000	3	2011	11	26	<23:15--00:10>	J3E/L		315 CLN	2 males, out of 20m band	OF84wx	WIA	
14000	3	2011	11	27	07:15--07:28	J3E/U		315 CLN	1 male,the other station on another frequency	OF84wx	WIA	
14000	3	2011	11	27	23:00--23:30	J3E/L		315 CLN	2 males	OF84wx	WIA	
14000	3	2011	11	28	22:55--23:15	J3E/L		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	29	<08:25--08:35	J3E/L		360 INS	Male-female	OF84wx	WIA	
14000	3	2011	11	29	23:40--23:52	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	30	<07:20--07:34	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14000	3	2011	11	30	23:03--23:34	J3E/U		315 CLN	2 males	OF84wx	WIA	
14001.5	3	2011	11	10	1205	J3E/U			ASIAN	QG52xi	WIA	
14005	3	2011	11	13	<07:34--07:42	J3E/U		360 INS	2 males	OF84wx	WIA	
14005	3	2011	11	23	<07:42--09:00	J3E/L		360 INS	Male-female	OF84wx	WIA	
14010	3	2011	11	1	23:--23:10	J3E/L		315 CLN	Group of males	OF84wx	WIA	
14011	3	2011	11	30	<07:54--08:45	J3E/L		315 CLN	2 males	OF84wx	WIA	
14014.3	3	2011	11	5	<22:45--23:30	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14014.5	3	2011	11	17	<22:40--22:54	J3E/U		315 CLN	Group of males	OF84wx	WIA	
14016		2011	11	21	<0245-0255>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI	
14022.3	3	2011	11	24	<08:25--08:40	J3E/L		360 CHN	Male-female	OF84wx	WIA	

14023	3	2011	11	12	22:49--23:12	J3E/U		315	CLN		2 males	OF84wx	WIA
14023.7	3	2011	11	10	1905	J3E/L					ASIAN	QG52xi	WIA
14023.7	3	2011	11	2	22:45--23:36	J3E/U		315	CLN		Group of males	OF84wx	WIA
14023.7	3	2011	11	3	<22:40--23:10	J3E/U		315	CLN		Group of males	OF84wx	WIA
14023.8	3	2011	11	5	<22:45--23:35	J3E/U		315	CLN		2 males	OF84wx	WIA
14023.8	3	2011	11	13	22:50--23:35	J3E/U		315	CLN		Group of males	OF84wx	WIA
14023.8	3	2011	11	14	08:15--08:41	J3E/U		315	CLN		Group of males	OF84wx	WIA
14024		2011	11	16	<0225-0235>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI
14024.0	3	2011	11	12	0925	J3E/U					ASIAN	QG52xi	WIA
14024	3	2011	11	14	23:15--23:55	J3E/U		315	CLN		Group of males	OF84wx	WIA
14024	3	2011	11	16	22:47--23:40	J3E/U		315	CLN		Group of males	OF84wx	WIA
14024	3	2011	11	17	<22:40--00:07	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025.0	3	2011	11	12	0925	J1C					DAILY	QG52xi	WIA
14025	3	2011	11	1	23:10--00:02	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	11	15	23:00--23:26	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	18	22:40--00:21	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	19	<22:45--23:51	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	20	<23:00--23:10	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	11	21	22:54--23:15	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	11	23	23:00--23:12	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	11	24	22:55--23:15	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	25	23:05--23:28	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	26	<23:15--00:07	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	27	23:06--23:30	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	28	<23:25--00:47	J3E/U		315	CLN		2 males	OF84wx	WIA
14025	3	2011	11	29	23:26--23:25	J3E/U		315	CLN		Group of males	OF84wx	WIA
14025	3	2011	11	30	23:00--23:45	J3E/U		315	CLN		Group of males	OF84wx	WIA
14027	3	2011	11	7	08:13--08:34	J3E/U		360	CHN		2 males	OF84wx	WIA
14028	3	2011	11	17	22:53--23:08	J3E/U		315	CLN		2 males	OF84wx	WIA
14030	3	2011	11	6	07:02--07:17	J3E/U		315	CLN		1 male singing	OF84wx	WIA
14030	3	2011	11	13	<07:33--07:58	J3E/U		360	CHN		2 males	OF84wx	WIA
14033.4	3	2011	11	4	08:00--08:22	J3E/U		315	CLN		2 males	OF84wx	WIA
14034.4	3	2011	11	4	<23:35--23:51	J3E/U		315	CLN		Group of males	OF84wx	WIA
14034.5	3	2011	11	3	<22:47--00:00	J3E/U		315	CLN		Group of males	OF84wx	WIA
14034.5	3	2011	11	4	08:16--08:50	J3E/U		315	CLN		2 males	OF84wx	WIA
14035.6	3	2011	11	2	:08:00--08:19	J3E/U		315	CLN		2 males	OF84wx	WIA
14040.0	3	2011	11	10	0920	J3E/U					ASIAN	QG52xi	WIA
14040	3	2011	11	10	>08:12--08:48	J3E/U		360	INS		2 males	OF84wx	WIA
14042.0	3	2011	11	10	1830	J3E/U					ASIAN	QG52xi	WIA
14042	3	2011	11	27	07:20--07:29	J3E/L		315	CLN		2 males, talking, another one singing	Of84wx	WIA
14045.4	3	2011	11	10	<23:46--23:58	J3E/U		315	CLN		2 males	OF84wx	WIA
14048.0	3	2011	11	9	0815	J3E/U			PHL		DAILY, TAGALOG	QG52xi	WIA
14048	3	2011	11	7	<07:27---7:33	J3E/U		360	INS		2 males	OF84wx	WIA
14048	3	2011	11	7	23:40--23:49	J3E/U		360	INS		Group of males	OF84wx	WIA

14048	3	2011	11	8	00:15--00:26	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2011	11	8	23:23--23:30	J3E/U	360	INS	1 male calling, on-off, no reply	OF84wx	WIA
14048	3	2011	11	9	08:25--08:45	J3E/U	360		1 male making 3 calls, no reply	OF84wx	WIA
14048	3	2011	11	16	23:45--00:35	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2011	11	22	08:45--09:00	J3E/U	360	INS	Group of males	OF84wx	WIA
14048	3	2011	11	24	07:50--08:25	J3E/U	360	INS	2 males	OF84wx	WIA
14048	3	2011	11	25	<08:04--08:10	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA
									~50 SUBCARRIERS ON 80HZ. CHINESE USB VOICE ANNOUNCEMENT BEFORE COMMENCING	QG52xi	WIA
14049.0	5	2011	11	24	0910	G7D					
14055.6	3	2011	11	19	08:05--09:15	J3E/U	360	CHN	2 males	OF84wx	WIA
14057.8	3	2011	11	25	<07:50--08:10	J3E/L	360	CHN	Male0-female	OF84wx	WIA
14058.0	3	2011	11	21	1830	J3E/U			ASIAN, SOUNDS HINDI OR SRI LANKAN	QG52xi	WIA
14058	3	2011	11	17	<08:00--08:11	J3E/L	360	CHN	Male-female	OF84wx	WIA
14058	3	2011	11	18	<07:55--08:20	J3E/L	360	CHN	Male-female	OF84wx	WIA
14058	3	2011	11	19	<08:00--09:04	J3E/L	360	CHN	Male-female	OF84wx	WIA
14058	3	2011	11	23	<07:55--08:10	J3E/L	360	CHN	2 males-1 female	OF84wx	WIA
									ROBOT VOICE REPEATING "NORTH NORTH NORTH WORKING IN TO THE BACK"	QG52xi	WIA
14060.0	3	2011	11	21	0955	J3E/U					
14060.0	40	2011	11	10	1205	P0N			OTHR	QG52xi	WIA
14060.0	3	2011	11	24	0915	J3E/U			ASIAN	QG52xi	WIA
14061.2	3	2011	11	13	1140	J3E/U			ASIAN	QG52xi	WIA
14065.5	3	2011	11	15	<07:43--07:57	J3E/U	315	CLN	Group of males	OF84wx	WIA
14065.7	3	2011	11	22	<08:42--09:00	J3E/U	360	CHN	Group of males	OF84wx	WIA
14066.0	3	2011	11	24	0915	J3E/U			ASIAN	QG52xi	WIA
14066	3	2011	11	6	23:04--23:38	J3E/U	360	INS	3 males	OF84wx	WIA
14066	3	2011	11	8	<07:22--07:33	J3E/U	360	CHN	Group of males	OF84wx	WIA
14066	3	2011	11	12	08:25--08:56	J3E/U	360	CHN	2 males	OF84wx	WIA
14066	3	2011	11	12	23:32--00:32	J3E/U	360	CHN	2 males	OF84wx	WIA
14066	3	2011	11	13	23:45--00:30>	J3E/U	315	CLN	2 males, talking on and off	OF84wx	WIA
14066	3	2011	11	17	<07:35--07:50	J3E/U	360	CHN	2 males	OF84wx	WIA
14066	3	2011	11	20	<22:45--00:00	J3E/Uq	360	CHN	Group of males	OF84wx	WIA
14066	3	2011	11	21	07:42--09:46	J3E/U	360	CHN	2 males, on-off	OF84wx	WIA
14066	3	2011	11	22	22:42--23:55	J3E/U	360	CLN	2 males, on-off	OF84wx	WIA
14066	3	2011	11	23	<07:40--08:54	J3E/U	360	CHN	Group of males	OF84wx	WIA
14066	3	2011	11	23	<22:45--23:00	J3E/U	360	CHN	1 male calling, no reply	OF84wx	WIA
14066	3	2011	11	23	23:10--23:48	J3E/U	360	CHN	2 males	OF84wx	WIA
14066	3	2011	11	24	<07:50--08:36	J3E/U	360	CHN	2 males	OF84wx	WIA
14066	3	2011	11	24	23:08--23:33	J3E/U	360	CHN	Group of males	OF84wx	WIA
14066	3	2011	11	25	23:03--23:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14066	3	2011	11	26	<07:55--08:28	J3E/U	360	CHN	2 males	OF84wx	WIA
14066	3	2011	11	28	22:40--23:25	J3E/U	360	INS	Group of males	OF84wx	WIA
14067	3	2011	11	21	22:55--23:54	J3E/L	360	CHN	2 males	OF84wx	WIA
14069	3	2011	11	15	<23:03--23:14	J3E/U	315	CLN	2 males	OF84wx	WIA

14070		2011	11	07	<0330-0345>		J3E/U		CHN	UNID	CHINES SPEAKING FISHING TRAWLER CONVERSATION	MK82	ARSI		
14075.5	3	2011	11	12	0930		J3E/L				ASIAN, SOUNDS CHINESE	QG52xi	WIA		
14080.0	3	2011	11	16	1045		J3E/L				ASIAN	QG52xi	WIA		
14083	3	2011	11	15	<23:30--23:50		J3E/U	360	CHN		Group of males	OF84wx	WIA		
14083	3	2011	11	18	<22:49--23:00		J3E/U	315	CLN		Group of males	OF84wx	WIA		
14092	3	2011	11	11	<08:20--08:53		J3E/U	360			2 males	OF84wx	WIA		
14092	3	2011	11	18	<08:04--08:26		J3E/U	360	CHN		Male-female	OF84wx	WIA		
14092	3	2011	11	20	<08:35--08:54		J3E/U	360			Male-female	OF84wx	WIA		
14110.0	1	2011	11	27	0755		A2A				HUMMY, UNSTABLE CARRIER, HUM=100HZ	QG52xi	WIA		
14111		2011	11	16	<0225-0235>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI		
14113	1.8	2011	11	28	<0535>	0525	G7D	315	?	Unid	5 Multiple Carriers S4 data transmission similar to DRM	ZL1GWE	NZART	ZL1GWE	
14115.0	10	2011	11	10	1835		P0N				OTHR	QG52xi	WIA		
14121.4	3	2011	11	24	0920		J3E/U				ASIAN	QG52xi	WIA		
14125.6	3	2011	11	11	2025		J3E/L				TAGALOG OR BAHASA	QG52xi	WIA		
14139.1	3	2011	11	11	1955		J3E/U				ASIAN, FISHBOATS - ENGINE NOISE.	QG52xi	WIA		
14169.8	3	2011	11	24	0920		J3E/L				ASIAN	QG52xi	WIA		
14201		2011	11	16	<0225-0235>		J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI		
14220		2011	11	16	<0225-0235>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI		
14220		2011	11	25	<0115>	0115	PXX		?	Unid	OTHR 71 PPS S9	RE68XL	NZART	ZL2TZE	
14232.0	3	2011	11	9	0840		J3E/U				ASIAN, SOUNDS CHINESE. KIDS TALKING TO DADDY.	QG52xi	WIA		
14234.4	3	2011	11	16	1050		J3E/U				ASIAN	QG52xi	WIA		
14250.0	6	2011	11	9	0850		A3E		KRE		DAILY, SW BROADCAST	QG52xi	WIA		
14257		2011	11	27	<0730>	0730	A3E		MRA	RFA	Broadcast station Suspect RFA TX issues KH0 TX	RE68XL	NZART	ZL2TZE	
14277.7	3	2011	11	1	01:08--01:17		J3E/U	360	INS		2 males, chatting, no messages	OF84wx	WIA		
14277.7	3	2011	11	1	01:25--01:29		J3E/U	360	INS		2 males, no messages yet	OF84wx	WIA		
14277.7	3	2011	11	2	00:40--00:43		J3E/U	360	INS		Male-female, no messages yet	OF84wx	WIA		
14277.7	3	2011	11	3	01:30--01:31		J3E/U	360	INS		1 male calling, no reply	OF84wx	WIA		
14277.7	3	2011	11	4	00:53--00:54		J3E/U	360	INS		2 males, no messages yet	OF84wx	WIA		
14277.7	3	2011	11	4	01:00--01:04		J3E/U	360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	8	01:26--01:36		J3E/U	360	INS		3 males pass coded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	9	02:30--02:31		J3E/U	360	INS		1 female calling, no reply	OF84wx	WIA		
14277.7	3	2011	11	14	00:44--00:49		J3E/U	360	INS		Male-female pass coded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	15	00:53--00:58		J3E/U	360	INS		Male-female pass coded messages, (weather info)	OF84wx	WIA		

14277.7	3	2011	11	16	00:47--00:51	J3E/U		360	INS		Male-female passcoded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	19	00:30--00:34	J3E/U		360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	23	01:31--01:36	J3E/U		360	INS		Male-female, pass coded messages, (Weather info)	OF84wx	WIA		
14277.7	3	2011	11	23	01:42--01:47	J3E/U		360	INS		Male-female, pass cided messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	24	00:33--00:35	J3E/U		360	INS		Male-female calling, no reply	OF84wx	WIA		
14277.7	3	2011	11	24	00:42--00:43	J3E/U		360	INS		2 males, no messages yet	OF84wx	WIA		
14277.7	3	2011	11	28	00:17--00:24	J3E/U		360	INS		2 males, 1 female, pass coded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	28	01:14--01:22	J3E/U		360	INS		2 males pass coded messages, (weather info)	OF84wx	WIA		
14277.7	3	2011	11	30	01:15--01:20	J3E/U		360	INS		Male-female, pass coded messages (weather info)	OF84wx	WIA		
14277.7	3	2011	11	30	01:30--01:31	J3E/U		360	INS		1 male calling, no reply	OF84wx	WIA		
14280.0	5	2011	11	27	0800	G7D					8 PAIRS OF SUBCARRIERS 300 HZ APART, PAIRS 75 HZ	QG52xi	WIA		
14280.0	5	2011	11	27	0750	G7D					8 PAIRS OF SUBCARRIERS 300 HZ APART, PAIRS 75 HZ	QG52xi	WIA		
14280		2011	11	28	<0517>	A3E	0517	315	MRA	RFA	RFA S6 Radio Free Asia - two signals possible jamming	RF73MF	NZART	ZL1GWE	
14285.0	6	2011	11	10	1920	A3E					SW BROADCAST	QG52xi	WIA		
14295	3	2011	11	05	<1115-1120>	A3E				unid	UNID	NL06	ARSI		
14295.0	3	2011	11	9	0855	J3E/U				PHL	TAGALOG	QG52xi	WIA		
14315.3	3	2011	11	24	0920	J3E/U					ASIAN, HOARSE VOICE, FAMILY NET	QG52xi	WIA		
14322.5	1	2011	11	27	0805	F1B		500				QG52xi	WIA		
14328.6	3	2011	11	24	0920	J3E/U					ASIAN	QG52xi	WIA		
14336.8	3	2011	11	9	0855	J3E/U					ASIAN	QG52xi	WIA		
14340.0	1	2011	11	12	0935	F1B		850				QG52xi	WIA		
14341.0	3	2011	11	9	0900	F1B						QG52xi	WIA		
18090.0	40	2011	11	24	0905	P0N					OTHR	QG52xi	WIA		
21018.0	3	2011	11	8	1025	J3E/U					"HOLA"	QG52xi	WIA		
21047.4	3	2011	11	8	1010	J3E/L					DAILY, ASIAN	QG52xi	WIA		
21057.0		2011	11	17	1100	A1A				9KAW	CALLING ORPO	QG52xi	WIA		
21115.2	3	2011	11	10	1025	J3E/L					ASIAN, SOUNDS TAGALOG	QG52xi	WIA		
21120.0	40	2011	11	27	0300	P0N					OTHR	QG52xi	WIA		
21125.0	100	2011	11	20	0600	P0N					OTHR	QG52xi	WIA		
21202		2011	11	29	<0635>	VXX				?	Unid	CODAR intermittant	RF73MF	NZART	ZL1GWE
21275	13	2011	11	29	<0445>	PXX		315/135		?	Unid	OTHR S8/S2 SP/LP 24 PPS	RF73MF	NZART	ZL1GWE
21275		2011	11	29	<0454>	PXX				?	Unid	OTHR S9	RF73IJ	NZART	ZL1TPH
21322.8	4	2011	11	28	0235	J3E/U					ASIAN MUSIC	QG52xi	WIA		
21445.0	8	2011	11	8	1005	A3E					SW BROADCAST, LOW AUDIO	QG52xi	WIA		

21450.0	8	2011	11	27	0305	A3E				SW BROADCAST, SOUNDS CHINESE, MENTIONS TAIWAN A LOT	QG52xi	WIA			
21450.0	8	2011	11	27	0350	A3E				SW BROADCAST, SOUNDS CHINESE, DOGPILE WITH ABOVE	QG52xi	WIA			
24905.0	6	2011	11	14	0555	A3E				ASIAN	QG52xi	WIA			
24915.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA			
24935.0	6	2011	11	23	1025	A3E				ASIAN	QG52xi	WIA			
24937.5	6	2011	11	14	0555	A3E				ASIAN	QG52xi	WIA			
24950.0	6	2011	11	24	0900	A3E				ASIAN	QG52xi	WIA			
24962.5	6	2011	11	24	0900	A3E				ASIAN	QG52xi	WIA			
24963.5		2011	11	13	<0712>	PXX	0712		?	Unid	http://youtube.com/watch?v=53pxBLbfDA0	RF73IJ	NZART	ZL1TPH	
24965.0	6	2011	11	24	0900	A3E				ASIAN	QG52xi	WIA			
24968.0	30	2011	11	13	0650	P0N				OTHR	QG52xi	WIA			
24968.8	23	2011	11	13	<0640>	PXX	0645-0725		315	?	Unid	OTHR S8 QSB FMCW constant transmission 50-53PPS	RF73MF	NZART	ZL1GWE
24970.0	30	2011	11	8	1005	P0N				OTHR	QG52xi	WIA			
24975.0	6	2011	11	12	0430	A3E				ASIAN	QG52xi	WIA			
24975.0	6	2011	11	14	0605	A3E				ASIAN	QG52xi	WIA			
24985.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA			
27965.0	100	2011	11	7	1010	P0N				OTHR	QG52xi	WIA			
28000.0	6	2011	11	10	1015	A3E				ASIAN	QG52xi	WIA			
28005.0	6	2011	11	14	0910	A3E				ASIAN	QG52xi	WIA			
28007		2011	11	20	<0536>	A3E	0536		315	CHN	Unid	Non Amateurs QSB	RF73MF	NZART	ZL1GWE
28015.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA			
28025.0	6	2011	11	10	1000	A3E				ASIAN	QG52xi	WIA			
28025		2011	11	29	<0630>	A1A	0630		315	?	Unid	Constant CW Dashes suspected Bouy?	RF73MF	NZART	ZL1GWE
28030.0	30	2011	11	14	0600	P0N				OTHR	QG52xi	WIA			
28035.0	6	2011	11	7	1010	A3E				ASIAN	QG52xi	WIA			
28040.0	30	2011	11	9	1010	P0N				OTHR	QG52xi	WIA			
28050.0	6	2011	11	14	0910	A3E				ASIAN	QG52xi	WIA			
28050		2011	11	20	<0536>	A3E	0536		315	CHN	Unid	Non Amateurs QSB	RF73MF	NZART	ZL1GWE
28055.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA			
28062.5	6	2011	11	12	2355	A3E				ASIAN	QG52xi	WIA			
28065.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA			
28070.0	6	2011	11	27	0340	A3E				ASIAN	QG52xi	WIA			
28075.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA			
28085.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA			
28095.0	6	2011	11	9	1020	A3E				ASIAN	QG52xi	WIA			
28100.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA			
28100		2011	11	20	<0538>	A3E	0538		315	CHN	Unid	Non Amateurs QSB	RF73MF	NZART	ZL1GWE
28105.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA			
28105		2011	11	20	<0538>	A3E	0538		315	CHN	Unid	Non Amateurs QSB	RF73MF	NZART	ZL1GWE
28112.5	6	2011	11	14	0910	A3E				ASIAN	QG52xi	WIA			
28115.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA			

28125.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA		
28135.0	6	2011	11	9	1015	A3E				ASIAN	QG52xi	WIA		
28145.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA		
28150.0	6	2011	11	14	0910	A3E				ASIAN	QG52xi	WIA		
28155.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA		
28162.5	6	2011	11	12	0900	A3E				ASIAN	QG52xi	WIA		
28165.0	6	2011	11	9	1015	A3E				ASIAN	QG52xi	WIA		
28170.0	6	2011	11	27	0340	A3E				ASIAN	QG52xi	WIA		
28175.0	6	2011	11	7	1020	F3E				ASIAN	QG52xi	WIA		
28180.0	6	2011	11	27	0745	A3E				ASIAN	QG52xi	WIA		
28185.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA		
28187.5	6	2011	11	11	0910	A3E				ASIAN	QG52xi	WIA		
28190.0	6	2011	11	27	0340	A3E				ASIAN	QG52xi	WIA		
28195.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA		
28200.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA		
28200		2011	11	13	<0018>	0018-0345	F3E	315	CHN	Unid	Non Amateurs camped on international beacon freq	RF73MF	NZART	ZL1GWE
28200		2011	11	13	<0345>	0345	F3E		?	Unid	Non Amateurs camped on international beacon freq	RF73IJ	NZART	ZL1TPH
28200		2011	11	20	<0530>	0530	A3E	315	CHN	Unid	Non Amateurs on International Beacon frequency	RF73MF	NZART	ZL1GWE
28205.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA		
28212.5	6	2011	11	20	0720	A3E				ASIAN	QG52xi	WIA		
28215.0	6	2011	11	10	0910	A3E				ASIAN	QG52xi	WIA		
28225.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA		
28230.0	6	2011	11	27	0335	A3E				ASIAN	QG52xi	WIA		
28235.0	6	2011	11	7	1020	A3E				ASIAN	QG52xi	WIA		
28237.5	6	2011	11	10	0910	A3E				ASIAN	QG52xi	WIA		
28240.0	6	2011	11	27	0335	A3E				ASIAN	QG52xi	WIA		
28245.0	6	2011	11	7	1025	A3E				ASIAN	QG52xi	WIA		
28250.0	6	2011	11	20	0715	A3E				ASIAN	QG52xi	WIA		
28255.0	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA		
28262.5	6	2011	11	8	1000	A3E				ASIAN	QG52xi	WIA		
28265.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA		
28275.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA		
28285.0	6	2011	11	7	2025	A3E				ASIAN	QG52xi	WIA		
28295.0	6	2011	11	10	0905	A3E				ASIAN	QG52xi	WIA		
28300.0	6	2011	11	14	0915	A3E				ASIAN	QG52xi	WIA		
28305.0	6	2011	11	10	0905	A3E				ASIAN	QG52xi	WIA		
28310.0	6	2011	11	24	0850	A3E				ASIAN	QG52xi	WIA		
28315.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA		
28325.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA		
28334.6		2011	11	25	<1030-1045>	A3E			CHN	UNID	CHINESE SPEAKING NON AMATEURS.	MK82	ARSI	
28335.0	6	2011	11	6	1010	A3E				ASIAN	QG52xi	WIA		
28350.0	6	2011	11	10	0905	A3E				ASIAN	QG52xi	WIA		

28355.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28365.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28375.0	6	2011	11	8	1000	A3E	ASIAN	QG52xi	WIA
28385.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28395.0	6	2011	11	8	1000	A3E	ASIAN	QG52xi	WIA
28400.0	6	2011	11	12	0900	A3E	ASIAN	QG52xi	WIA
28405.0	6	2011	11	8	1000	A3E	ASIAN	QG52xi	WIA
28415.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28425.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28435.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28437.5	6	2011	11	27	0335	A3E	ASIAN	QG52xi	WIA
28450.0	6	2011	11	10	0905	A3E	ASIAN	QG52xi	WIA
28455.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28465.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28475.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28485.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28495.0	6	2011	11	10	0905	A3E	ASIAN	QG52xi	WIA
28500.0	6	2011	11	14	0925	A3E	ASIAN	QG52xi	WIA
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28515.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28520.0	30	2011	11	16	0955	P0N	OTHR	QG52xi	WIA
28525.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28535.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
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28555.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28565.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28575.0	6	2011	11	8	0955	A3E	ASIAN	QG52xi	WIA
28580.0	6	2011	11	8	0955	A3E	ASIAN	QG52xi	WIA
28585.0	6	2011	11	8	0955	A3E	ASIAN	QG52xi	WIA
28595.0	6	2011	11	8	0955	A3E	ASIAN	QG52xi	WIA
28605.0	6	2011	11	8	0955	A3E	ASIAN	QG52xi	WIA
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28615.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
28620.0	30	2011	11	23	1015	P0N	OTHR	QG52xi	WIA
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28635.0	6	2011	11	6	1005	A3E	ASIAN	QG52xi	WIA
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28695.0	6	2011	11	8	0950	A3E	ASIAN	QG52xi	WIA

28700.0	6	2011	11	14	0930	A3E	ASIAN	QG52xi	WIA
28705.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28712.5	6	2011	11	27	0740	A3E	ASIAN	QG52xi	WIA
28715.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28725.0	6	2011	11	7	1025	A3E	ASIAN	QG52xi	WIA
28735.0	6	2011	11	7	1030	A3E	ASIAN	QG52xi	WIA
28737.5	6	2011	11	27	0735	A3E	ASIAN	QG52xi	WIA
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28745.0	6	2011	11	7	1030	A3E	ASIAN	QG52xi	WIA
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28837.5	6	2011	11	8	0950	A3E	ASIAN	QG52xi	WIA
28850.0	6	2011	11	8	0950	A3E	ASIAN	QG52xi	WIA
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28862.5	6	2011	11	10	0850	A3E	ASIAN	QG52xi	WIA
28865.0	6	2011	11	11	0900	A3E	ASIAN	QG52xi	WIA
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28885.0	6	2011	11	27	0735	A3E	ASIAN	QG52xi	WIA
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28962.5	6	2011	11	8	0950	A3E	ASIAN	QG52xi	WIA
28975.0	6	2011	11	8	0950	A3E	ASIAN	QG52xi	WIA
28987.5	6	2011	11	11	0900	A3E	ASIAN	QG52xi	WIA
29000.0	6	2011	11	11	0855	A3E	ASIAN	QG52xi	WIA
29005.0	6	2011	11	27	0730	A3E	ASIAN	QG52xi	WIA
29010.0	6	2011	11	11	0855	A3E	ASIAN	QG52xi	WIA
29012.5	6	2011	11	27	0325	A3E	ASIAN	QG52xi	WIA
29015.0	6	2011	11	16	0950	A3E	ASIAN	QG52xi	WIA
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29025.0	6	2011	11	11	0855	A3E	ASIAN	QG52xi	WIA
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29050.0	6	2011	11	8	0945	A3E	ASIAN	QG52xi	WIA

29060.0	6	2011	11	8	0945	A3E		ASIAN	QG52xi	WIA
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29087.5	6	2011	11	27	0730	F3E		ASIAN	QG52xi	WIA
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29100.0	6	2011	11	8	0945	A3E		ASIAN	QG52xi	WIA
29105.0	6	2011	11	23	1010	A3E		ASIAN	QG52xi	WIA
29112.5	6	2011	11	27	0320	A3E		ASIAN	QG52xi	WIA
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29137.5	6	2011	11	23	1010	A3E		ASIAN	QG52xi	WIA
29150.0	6	2011	11	8	0945	A3E		ASIAN	QG52xi	WIA
29160.0	6	2011	11	27	0725	A3E		ASIAN	QG52xi	WIA
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29200.0	6	2011	11	8	0945	A3E		ASIAN	QG52xi	WIA
29210.0	6	2011	11	11	0850	A3E		SW BROADCAST	QG52xi	WIA
29212.5	6	2011	11	10	0900	A3E		ASIAN	QG52xi	WIA
29225.0	6	2011	11	16	0945	A3E		ASIAN	QG52xi	WIA
29235.0	6	2011	11	27	0725	A3E		ASIAN	QG52xi	WIA
29245.0	6	2011	11	11	0850	A3E		SW BROADCAST	QG52xi	WIA
29250.0	6	2011	11	8	0945	F3E		ASIAN	QG52xi	WIA
29275.0	6	2011	11	10	0855	A3E		ASIAN	QG52xi	WIA
29280.0	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
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29315.0	6	2011	11	27	0705	A3E		ASIAN	QG52xi	WIA
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29337.5	6	2011	11	24	0845	A3E		ASIAN	QG52xi	WIA
29340.0	6	2011	11	27	0725	A3E		ASIAN	QG52xi	WIA
29345.0	6	2011	11	11	0850	A3E		SW BROADCAST	QG52xi	WIA
29350.0	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29362.5	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29375.0	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29385.0	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29387.5	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29400.0	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29405.0	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29412.5	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29425.0	1	2011	11	12	0850	F1B	250		QG52xi	WIA
29425.0	6	2011	11	10	0850	A3E		ASIAN	QG52xi	WIA
29437.5	6	2011	11	8	0940	A3E		ASIAN	QG52xi	WIA
29445.0	6	2011	11	16	0945	A3E		ASIAN	QG52xi	WIA
29450.0	6	2011	11	10	0845	A3E		ASIAN	QG52xi	WIA
29455.0	6	2011	11	27	0720	A3E		ASIAN	QG52xi	WIA

29462.5	6	2011	11	8	0940	A3E	ASIAN	QG52xi	WIA
29475.0	6	2011	11	8	0940	A3E	ASIAN	QG52xi	WIA
29500.0	6	2011	11	8	0935	A3E	ASIAN	QG52xi	WIA
29512.5	6	2011	11	8	0935	A3E	ASIAN	QG52xi	WIA
29525.0	6	2011	11	8	0935	A3E	ASIAN	QG52xi	WIA
29537.5	6	2011	11	11	0850	A3E	SW BROADCAST	QG52xi	WIA
29575.0	6	2011	11	8	0935	A3E	ASIAN	QG52xi	WIA
29587.5	6	2011	11	11	0850	A3E	SW BROADCAST	QG52xi	WIA
29592.5	6	2011	11	10	0845	A3E	SW BROADCAST	QG52xi	WIA
29612.5	6	2011	11	10	0840	A3E	ASIAN	QG52xi	WIA
29625.0	6	2011	11	27	0520	A3E	ASIAN	QG52xi	WIA
29637.5	6	2011	11	10	0855	A3E	ASIAN	QG52xi	WIA
29655.0	6	2011	11	10	0840	A3E	ASIAN	QG52xi	WIA
29662.5	6	2011	11	8	0930	A3E	ASIAN	QG52xi	WIA
29675.0	6	2011	11	8	0930	A3E	ASIAN	QG52xi	WIA
29687.5	6	2011	11	6	1000	A3E	ASIAN	QG52xi	WIA
29700.0	6	2011	11	6	1000	A3E	ASIAN	QG52xi	WIA