



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



October 2011

Peter Young VK3MV

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

This month there were 1269 observations made across the Region, which contrasts with 1117 last month. The increase in numbers can be attributed to the number of 10 meter intrusions.

The Australian Regulator, the ACMA has advised that the spurious emission on 7145 kHz for a Radio Australia is still under investigation. The large number of illegal transmitters operating in the Amateur Service Primary allocation has been drawn to the attention of the ACMA. These transmitters are believed to be located in a number of Asian countries as well as eastern Europe. The emission modes are generally AM and FM transmissions.

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

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

Peter – VK3MV

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3513.2	3	2011	10	17	1010		J3E/U						SOUNDS SPANISH DAILY, APPROX 20 SUBCARRIERS ON 100 HZ CENTRES	QG52xi	WIA	VK4TJ
3525.0	5	2011	10	1	2000		G7D							QG52xi	WIA	
3539.3	3	2011	10	20	1855		J3E/U				INS			QG52xi	WIA	
3553	3	2011	10	12		20:35	J3E						Japanese song with no call		JARL	
3563.0	3	2011	10	20	1845		J3E/U						JAPANESE FISHING BOATS	QG52xi	WIA	
3584.0	3	2011	10	2	1925		J1C							QG52xi	WIA	
3599.0	1	2011	10	2	1925		G1D							QG52xi	WIA	
3623.0	3	2011	10	2	1925		J1C							QG52xi	WIA	
3754	0.5	2011	10	15		22:07	A1A						train of " DE JF "		JARL	
3797	0.5	2011	10	12		20:43	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	10	13		21:56	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	10	17		20:23	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	10	18		06:02	A1A						h2f1 h2f1 h2f1 de drvz drvz v		JARL	
3797	0.5	2011	10	29		20:33	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	10	30		20:53	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
3797	0.5	2011	10	31		20:43	A1A						h2fl h2fl h2fl de drvz drvz v		JARL	
6900.0	300	2011	10	1	1020		P0N						DAILY, CONSTANT. SPILLS OVER INTO AMATEUR ALLOCATION	QG52xi	WIA	
7000.0	3	2011	10	11	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7010.0	3	2011	10	21	0925		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015.0	3	2011	10	21	0925		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015		2011	10	07	<1730>	1730	J3E/L				IND	Unid	Non Amateurs S7/S8	RE66IM	NZART	ZL3NB
7016	3	2011	10	19	1038	anytime	JM			non	non	non	white noise	PM97	JARL	non
7019	34	2011	10	10	1810		P0N			non	non	non	7002KHz ~ 7036KHz wide pulse mode P0N OTHR ?		JARL	non
7020.0	3	2011	10	28	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7036	3	2011	10	03	1806		F1B			non	non	non	IDL only		JARL	non
7036	3	2011	10	16	1806		F1B			non	non	non	IDL only		JARL	non
7036	3	2011	10	22	1808		F1B			non	non	non	IDL only		JARL	non
7036	3	2011	10	28	1806		F1B			non	non	non	IDL only		JARL	non
7037	3	2011	10	10	1808		F1B			non	non	non	IDL only		JARL	non
7038.2		2011	10	DY	<0530>	0530-1900	A1A				RUS	L	St Peterburg Beacon L	RF72LQ	NZART	ZL1BAD
7038.7		2011	10	1	1950		A1A				RU	D	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.8		2011	10	1	1950		A1A				RU	P	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.0		2011	10	20	1905		A1A				RU	C	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039		2011	10	DY	<0530>	0530-1900	A1A				RUS	C	Moscow - Beacon C Call sign RIW	RF72LQ	NZART	ZL1BAD
7039		2011	10	DY	<0530>	0530-1900	A1A				RUS	A	Astrakhan (No call sign)	RF72LQ	NZART	ZL1BAD
7039		2011	10	DY	<0530>	0530-1900	A1A				RUS	F	Vladivostok - Beacon F Call sign RJS	RF72LQ	NZART	ZL1BAD
7039		2011	10	DY	<0530>	0530-1900	A1A				RUS	P	Kaliningrad - Beacon P Call sign	RF72LQ	NZART	ZL1BAD

						1900							RMP			
7039	0.5	2011	10	01	0330	anytime	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok		
7039	0.5	2011	10	01	0334		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	0850		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	01	0852		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	1030		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	01	1030		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	1240		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	1242		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	01	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	1702		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	1704		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	01	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	1806		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	01	2208		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	01	2210		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	02	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	1030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	02	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	2208	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	02	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	03	0332	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	03	0336	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	03	0850	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	03	0852	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	03	1034	A1A	15	RUS	M--signal	Beacon	JARL	Magadan				
7039	0.5	2011	10	03	1036	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok				
7039	0.5	2011	10	03	1230	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan		
7039	0.5	2011	10	03	1232		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	03	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	03	1604		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		
7039	0.5	2011	10	03	1702		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	03	1804		A1A	15	RUS	M--signal	Beacon		JARL	Magadan		
7039	0.5	2011	10	03	2210		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok		

7039	0.5	2011	10	03	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	0344	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	04	0846	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	0848	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	04	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	04	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	04	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	1912	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	2206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	04	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	05	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	0344	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	05	0856	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	1050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	1246	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	1950	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	05	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	06	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	0344	A1A	321	non	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	06	0846	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	06	1040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	1042	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	06	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	1710	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	1840	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	2030	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	06	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	06	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	0346	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	1036	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	1038	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	1248	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	10	07	1250	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	07	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	07	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	0334	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	0338	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	08	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	08	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	09	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	09	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	1236	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	1904	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	09	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	0344	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	1042	anytime A1A	15	RUS	M--signal	Beacon	PM97 JARL	Magadan
7039	0.5	2011	10	10	1230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	1232	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	1236	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy

7039	0.5	2011	10	10	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	10	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	10	2216	A1A	15	RUS	F--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	0332	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	1706	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	11	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	11	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	0846	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	0848	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	1602	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	10	12	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	12	1950	A1A	15	RUS	M--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	1952	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	12	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	12	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	13	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	13	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	13	0850	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	13	0852	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	13	1040	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy

7039	0.5	2011	10	13	1044	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	13	1230	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	13	1236	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	13	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	13	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	13	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	13	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	13	1802	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	13	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	13	2030	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	13	2032	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	13	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	0336	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	0340	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	0850	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	0852	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	1044	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	1704	anytime A1A	15	RUS	M--signal	Beacon	PM97 JARL	Magadan
7039	0.5	2011	10	14	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	2206	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	14	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	14	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	1702	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	15	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	15	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	15	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	10	16	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	16	1916	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	16	1918	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	16	2216	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	16	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	0340	A1A	321	RUS	F--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	1410	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	17	1412	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	17	1610	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	17	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	17	1802	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	17	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	17	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	17	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	18	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	18	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	1034	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	18	1036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	18	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	1804	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	18	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	18	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	18	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	10	19	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	1030	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	1032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	1810	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	1812	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	19	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	19	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	1320	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	20	1322	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	1712	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	20	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	20	1812	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	20	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	20	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	21	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	21	1046	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	1320	A1A	321	non	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	1322	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	21	1602	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	21	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	21	1610	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	21	1706	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	21	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	10	21	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	21	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	1316	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	1318	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	1714	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	22	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	22	1814	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	22	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	22	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	23	0334	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	23	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	23	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	23	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	23	1042	anytime A1A	15	RUS	M--signal	Beacon	PM97 JARL	Magadan
7039	0.5	2011	10	23	1250	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	23	1252	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	23	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	23	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	23	1714	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	23	1806	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	23	1808	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	23	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	23	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	24	0346	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	24	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	1052	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	24	1250	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	24	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	24	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	24	1804	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2011	10	24	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	24	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	25	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	25	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	1240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	1242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	25	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	25	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	25	1804	A1A	321	RUS	F--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	25	1806	A1A	15	RUS	M--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	25	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	26	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	0840	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	26	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	26	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	26	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	1606	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	26	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	1712	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	26	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	26	1808	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	26	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	26	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	27	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	27	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	27	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	1250	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	1604	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	27	1608	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	1704	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	27	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	27	1812	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	27	1940	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	10	27	2210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	27	2212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	28	0330	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	1050	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	1230	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	1232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	28	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	28	1606	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	28	1704	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	1802	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	28	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	28	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	29	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	29	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1040	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	29	1042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1250	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1604	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1704	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1808	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	29	1930	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	29	1934	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	29	2212	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	29	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	30	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	30	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	30	0832	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	30	1050	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	30	1240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	30	1244	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	30	2214	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	31	0340	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	31	0830	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	31	1040	anytime A1A	321	RUS	F--signal	Beacon	PM97 JARL	Vladivostok
7039	0.5	2011	10	31	1044	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	31	1250	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	31	1252	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	31	1256	A1A	37	RUS	K--signal	Beacon	JARL	Kamchatskiy
7039	0.5	2011	10	31	1602	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039	0.5	2011	10	31	1606	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2011	10	31	1702	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok

7039	0.5	2011	10	31	1706		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	10	31	1802		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	10	31	1806		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2011	10	31	2212		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039	0.5	2011	10	31	2214	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.2		2011	10	1	1020		A1A		RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
						0530-1900	A1A		RUS	K	Petropavlovsk - Beacon K Call sign RCC	RF72LQ	NZART	ZL1BAD
7039.3		2011	10	DY	<0530>		A1A				train of "F","M"		JARL	
7039.37	0.5	2011	10	12		20:45	A1A				DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.4		2011	10	1	1020		A1A		RU	M	Magadan - Beacon M Call sign			
						0530-1900	A1A		RUS	M	RTS	RF72LQ	NZART	ZL1BAD
7039.4		2011	10	DY	<0530>		A1A				train of " F "," M "		JARL	
7039.5	0.5	2011	10	31		20:46	A1A				Severomorsk - Beacon S Call sign RIT	RF72LQ	NZART	ZL1BAD
						0530-1900	A1A		RUS	S	IDL only		JARL	non
7039.9		2011	10	DY	<0530>		A1A				IDL only		JARL	non
7040	0.5	2011	10	05	1250		F1B	non	non	non	train of "M","F"		JARL	
7040	3	2011	10	05	1704		F1B	non	non	non	train of "F","M"		JARL	
7040	0.5	2011	10	13		21:58	A1A				train of "F","M"		JARL	
7040	0.5	2011	10	15		22:25	A1A				train of "F","M"		JARL	
7040	0.5	2011	10	17		20:28	A1A				train of " F "," M "		JARL	
7040	0.5	2011	10	18		06:08	A1A				train of " F "," M "		JARL	
7040	0.5	2011	10	29		20:36	A1A				train of " F "," M "		JARL	
7040	0.5	2011	10	30		21:00	A1A				DAILY, HARBOUR BEACON	QG52xi	WIA	
7041.7		2011	10	1	1950		A1A		RU	L	white noise		JARL	non
7046	3	2011	10	25	1246		JM	non	non	non	white noise	PM97	JARL	non
7046	3	2011	10	25	1608	anytime	JM	non	non	non	white noise		JARL	non
7046	3	2011	10	25	1706		JM	non	non	non	white noise		JARL	non
7046	3	2011	10	25	1808		JM	non	non	non	white noise		JARL	Magadan
						0525-0615	F1B	200	RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7054		2011	10	09	<0525>		F1B	200	RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
						0545-0630-0700	F1B	200	RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7054		2011	10	18	<0630>		F1B	200	RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7054		2011	10	27	<0620>		F1B	200	RUS	REA4	Idling only. Russian Air Force	RF72LQ	NZART	ZL1BAD
7055	3	2011	10	16	1808	anytime	F1B	non	non	non	IDL only	PM97	JARL	non
7055	3	2011	10	21	1710		F1B	non	non	non	IDL only		JARL	non
7055	0.5	2011	10	21	1806		F1B	non	non	non	Beacon		JARL	Kamchatskiy
7055	3	2011	10	22	1706		F1B	non	non	non	IDL only		JARL	non
7055	3	2011	10	22	1810		F1B	non	non	non	IDL only		JARL	non
							A3A		AUS		RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7055.6	8	2011	10	22	2010		A3A					QG52xi	WIA	
7056.0	1	2011	10	21	1840		F1B	HIGH 200						
							A3A		AUS		RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7057.9	8	2011	10	28	1910		A3A							

7059	34	2011	10	09	1708		P0N	non	non	non	7042KHz ~ 7076KHz wide pulse mode P0N OTHR ?	JARL	non	
7064.0	5	2011	10	2	1945		G7D				5 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7065	35	2011	10	12	<1920>	1920	VXX		?	Unid	3.5 PPS CODAR	RF72LQ	NZART	ZL1BAD
7070.0	5	2011	10	21	1840		G7D				5 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7070	3	2011	10	21	1324		JM	non	non	non	white noise		JARL	non
											white noise			
7070	3	2011	10	21	1606		JM	non	non	non			JARL	non
7070	3	2011	10	21	1808		JM	non	non	non	white noise		JARL	non
7076	3	2011	10	25	1054		JM	non	non	non	white noise		JARL	non
7076	3	2011	10	25	1250		JM	non	non	non	white noise		JARL	non
											white noise			
7076	3	2011	10	25	1708		JM	non	non	non			JARL	non
7076	3	2011	10	25	1810		JM	non	non	non	white noise		JARL	Vladivostok
7077	34	2011	10	06	1846		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	10	06	2036		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	10	12	1954		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	10	14	1810		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7077	34	2011	10	19	1814		P0N	non	non	non	Beacon	JARL	non	
7077	34	2011	10	28	1708		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	JARL	non	
7079.0	5	2011	10	22	2010		G7D				8 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA	
7080	3	2011	10	22	1708		JM	non	non	non	white noise	JARL	non	
7081	34	2011	10	13	1708		P0N	non	non	non	7064KHz ~ 7098KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	10	04	1608		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	10	07	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	10	07	1810		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	10	08	1708		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	10	13	1808		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	
7083	34	2011	10	13	2036		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non	

7083	34	2011	10	14	1710		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	34	2011	10	19	1706		P0N	non	non	non	Beacon	JARL	non
7083	34	2011	10	20	1606		P0N	non	non	non	7066KHz ~ 7100KHz wide pulse mode P0N OTHR ?	JARL	non
7083	0.5	2011	10	29		20:38	A1A				opn9 opn9 opn9 de gynr gynr v	JARL	
7085	30	2011	10	13	<1900>	1900	VXX		?	Unid	3.5 PPS CODAR	RF72LQ	NZART
7090.0	30	2011	10	1	2000		VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA
7092	3	2011	10	25	1712		F1B	non	non	non	now on air	JARL	non
7099.0	8	2011	10	28	1910		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA
7101.0	8	2011	10	26	1915		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA
7101	34	2011	10	22	1606		P0N	non	non	non	7084KHz ~ 7118KHz wide pulse mode P0N OTHR ?	JARL	non
7105	5	2011	10	01	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	01	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	02	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	02	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	03	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	03	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	04	2202		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	04	2204		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	05	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	05	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	06	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	06	2208		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	07	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	07	2206	anytime	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL
7105	5	2011	10	08	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	08	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	09	2204		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	09	2206		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	10	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	10	2210		A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	3	2011	10	10	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5+1 on time after QRT	JARL	Hohhot

7105	5	2011	10	11	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	11	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	12	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	12	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	13	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	13	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	14	2158	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time signal 5+1 on time Pro start	JARL	Hohhot
7105	3	2011	10	14	2158	A3E	non	CHN	non	Chinese Talk and Music no Time signal Program start	JARL	non
7105	5	2011	10	15	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	15	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	16	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	16	2212	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	3	2011	10	16	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5+1 on time after QRT	JARL	Hohhot
7105	5	2011	10	17	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	17	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	18	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	18	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	19	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	19	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	20	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	20	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	21	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	21	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	21	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time signal 5+1 on time after QRT	JARL	Hohhot
7105	5	2011	10	22	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	22	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	23	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	23	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	24	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2011	10	24	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2011	10	25	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot

7105	3	2011	10	25	2206		A3E		non	CHN	non PBS Nei	Chinese Talk and Music Chinese Talk and Music	JARL	non	
7105	5	2011	10	26	2206		A3E	273	CHN	Meng			JARL	Hohhot	
7105	3	2011	10	26	2208		A3E		non	CHN	non PBS Nei	Chinese Talk and Music Chinese Talk and Music	JARL	non	
7105	5	2011	10	27	2204	anytime	A3E	273	CHN	Meng		PM97	JARL	Hohhot	
7105	3	2011	10	27	2206		A3E		non	CHN	non	Chinese Talk and Music Chinese Talk and Music 23:00 UTC Time signal 5+1 on time after QRT	JARL	non	
7105	5	2011	10	27	2258		A3E	273	CHN	PBS Nei Meng PBS Nei			JARL	non	
7105	5	2011	10	28	2206		A3E	273	CHN	Meng			JARL	Hohhot	
7105	3	2011	10	28	2208		A3E		non	CHN	non PBS Nei	Chinese Talk and Music Chinese Talk and Music	JARL	non	
7105	5	2011	10	29	2206		A3E	273	CHN	Meng			JARL	Hohhot	
7105	3	2011	10	29	2208		A3E		non	CHN	non PBS Nei	Chinese Talk and Music Chinese Talk and Music	JARL	non	
7105	5	2011	10	30	2208		A3E	273	CHN	Meng			JARL	Hohhot	
7105	3	2011	10	30	2210		A3E		non	CHN	non	Chinese Talk and Music Chinese Talk and Music 23:00 UTC Time signal 5+1 on time after QRT	JARL	non	
7105	5	2011	10	30	2258		A3E	273	CHN	PBS Nei Meng PBS Nei			JARL	Hohhot	
7105	5	2011	10	31	2206		A3E	273	CHN	Meng			JARL	Hohhot	
7105	3	2011	10	31	2208		A3E		non	CHN	non	Chinese Talk and Music 7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	10	05	1254		P0N		non	non	non	7096KHz ~ 7130KHz wide pulse mode P0N OTHR ?	JARL	non	
7113	34	2011	10	10	1046		P0N		non	non	non	now on air	JARL	non	
7114	3	2011	10	15	1608		F1B		non	non	non	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82 RF72LQ	ARSI NZART	
7115.3		2011	10	01	<0215-0225>		J3E/U			CLN	UNID		RF72LQ	NZART	ZL1BAD
7117		2011	10	08	<2000>	2000	F1B	50	250		RUS	REA4	RF72LQ	NZART	ZL1BAD
7117		2011	10	12	<1915>	1915	F1B	50	250		RUS	REA4	RF72LQ	NZART	ZL1BAD
7117.5	1	2011	10	1	2000		G1D					DAILY	QG52xi	WIA	
7118	3	2011	10	01	1606		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	01	1706		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	01	1804		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	02	1608		F1B		non	non	non	Beacon	JARL	non	
7118	3	2011	10	02	1706		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	02	1806		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	03	1608		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	03	1706		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	03	1810		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	04	1604		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	04	1704		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	04	1806		F1B		non	non	non	IDL only	JARL	non	
7118	3	2011	10	04	1914		F1B		non	non	non	IDL only	JARL	non	

7118	3	2011	10	05	1604		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	05	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	05	1806	anytime	F1B	non	non	non	IDL only	PM97	JARL	non
7118	3	2011	10	05	1952		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	06	1606		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	06	1714		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	06	1842		F1B	non	non	non	IDL only		JARL	non
7118	0.5	2011	10	06	1853		A1A	non	non	non	figure only (after F1B IDL only)		JARL	non
7118	3	2011	10	06	1854		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	06	2032		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	07	1608		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	07	1710		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	07	1812		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	08	1610		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	08	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	08	1808		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	09	1606		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	09	1704		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	09	1804		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	09	1906		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	10	1608		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	10	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	10	1806		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	11	1608		F1B	non	non	non	IDL only		JARL	non
7118	0.5	2011	10	12	1608		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	12	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	12	1956		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	14	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	14	1806		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	15	1610		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	15	1708		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	15	1810		F1B	non	non	non	IDL only		JARL	non
7118	0.5	2011	10	16	1706		F1B	non	non	non	Beacon		JARL	non
7118	3	2011	10	16	1812		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	16	1922		F1B	non	non	non	Beacon		JARL	non
7118	3	2011	10	17	1606		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	17	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	17	1806		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	18	1606		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	19	1608		F1B	non	non	non	Beacon		JARL	non
7118	3	2011	10	19	1710		F1B	non	non	non	Beacon		JARL	non
7118	3	2011	10	19	1818		F1B	non	non	non	Beacon		JARL	non
7118	3	2011	10	20	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	20	1808		F1B	non	non	non	IDL only		JARL	non

7118	2	2011	10	23	1608		F1B	non	non	non	Beacon		JARL	non
7118	2	2011	10	23	1706		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	23	1810		F1B	non	non	non	IDL only		JARL	non
7118	2	2011	10	24	1608		F1B	non	non	non	IDL only		JARL	non
7118	2	2011	10	24	1708		F1B	non	non	non	IDL only		JARL	non
7118	3	2011	10	24	1810		F1B	non	non	non	IDL only		JARL	non
											7102KHz ~ 7136KHz wide pulse mode P0N OTHR ?			
7119	34	2011	10	16	1608		P0N	non	non	non			JARL	non
7120	3.3	2011	10	20	<0620>	0620	M7B		?	Unid	Phase Mod. Multi-chnl	RF72LQ	NZART	ZL1BAD
7120	3	2011	10	20	1610		JM	non	non	non	white noise		JARL	non
7120	3	2011	10	20	1708		JM	non	non	non	white noise		JARL	non
											RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE			
7124.9	8	2011	10	26	1915		A3A			AUS		QG52xi	WIA	
											7108KHz ~ 7142KHz wide pulse mode P0N OTHR ?			
7125	34	2011	10	09	1240		P0N	non	non	non			JARL	non
7131.5	3.3	2011	10	21	<0410>	0410	M7B		?	Unid	Phase Mod. Multi-chnl	RF72LQ	NZART	ZL1BAD
											RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE			
7134.3	8	2011	10	28	1910		A3A			AUS		QG52xi	WIA	
											RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE			
7135.6	8	2011	10	1	1955		A3A			AUS		QG52xi	WIA	
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	11	1610		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	13	1232		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	21	1328	anytime	P0N	non	non	non		PM97	JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	21	1810		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	22	1710		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	22	1812		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	23	1710		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	23	1814		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	24	1056		P0N	non	non	non			JARL	non
											7120KHz ~ 7154KHz wide pulse mode P0N OTHR ?			
7137	34	2011	10	26	1046		P0N	non	non	non			JARL	non
											7114KHz ~ 7148KHz wide pulse mode P0N OTHR ?			
7138	34	2011	10	22	1320		P0N	non	non	non			JARL	non

7143	34	2011	10	02	1234		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	10	03	1236		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	10	14	1608		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	10	17	1710		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	0.5	2011	10	20	1326		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	10	26	1708		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	10	27	1942		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7143	34	2011	10	28	1810		P0N	non	non	non	7126KHz ~ 7160KHz wide pulse mode P0N OTHR ?	JARL	non	
7149	34	2011	10	10	1710		P0N	non	non	non	7132KHz ~ 7166KHz wide pulse mode P0N OTHR ?	JARL	non	
7151	50	2011	10	05	<0916>	0916-1016	P0N		?	Unid	OTHR on top of 7130 DX net	RE68XL	NZART	ZL2TZE
7160.6	8	2011	10	1	1955		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7161	34	2011	10	23	1256		P0N	non	non	non	7144KHz ~ 7178KHz wide pulse mode P0N OTHR ?	JARL	non	
7161	34	2011	10	23	1612		P0N	non	non	non	7144KHz ~ 7178KHz wide pulse mode P0N OTHR ?	JARL	non	
7161	34	2011	10	27	1254		P0N	non	non	non	7144KHz ~ 7178KHz wide pulse mode P0N OTHR ?	JARL	non	
7165.0	8	2011	10	22	2005		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7169.7	8	2011	10	1	1955		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7170.0	30	2011	10	2	1010		VXX				CODAR, SWEEPS 30 KHZ	QG52xi	WIA	
7170.4	8	2011	10	20	1900		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7172.8	8	2011	10	20	1900		A3A			AUS	RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7173	34	2011	10	05	1710		P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non	
7173	34	2011	10	05	1808		P0N	non	non	non	7156KHz ~ 7190KHz wide pulse mode P0N OTHR ?	JARL	non	
7173	34	2011	10	09	1910		P0N	non	non	non	7056KHz ~ 7090KHz wide pulse mode P0N OTHR ?	JARL	non	

7175.0	6	2011	10	21	1835		A3E				SW BROADCAST	QG52xi	WIA	
7175		2011	10	DY	<0400>	0400	A3E		?	Unid	B-C Stn	RF72LQ	NZART	ZL1BAD
7177	3	2011	10	02	1810		F1B	non	non	non	IDL only		JARL	non
7179.0	1	2011	10	26	1905		F1B	200				QG52xi	WIA	
7185.0	6	2011	10	1	1955		A3E					QG52xi	WIA	
											RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7189.9	8	2011	10	26	1905		A3A		AUS		SW BROADCAST	QG52xi	WIA	
7190.0	6	2011	10	21	1835		A3E				SLBC BRAODCASTING IN HINDI TO INDIA	QG52xi	WIA	
7190	6	2011	10	17	<0225-0230>		A3E		CLN	SLBC		MK82	ARSI	
											RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7190.6	8	2011	10	26	1905		A3A		AUS		RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7194.9	8	2011	10	28	1905		A3A		AUS		SW BROADCAST	QG52xi	WIA	
7195.3	8	2011	10	26	1905		A3E				IDL only	QG52xi	WIA	
7196	3	2011	10	27	1944		F1B	non	non	non			JARL	non
7199	3.3	2011	10	08	<0435>	0435	M7B		?	Unid	Phase Mod. Multi-chnl SW BROADCAST, RADIO IRAN, IN JAPANESE, NEW ONE	RF72LQ	NZART	ZL1BAD
7200.0	6	2011	10	30	2145		A3E		IRN			QG52xi	WIA	
7200.0	6	2011	10	1	1955		A3E		SDN		SW BROADCAST	QG52xi	WIA	
											RADIO AUSTRALIA NEWSCAST, HUMMY, UNSTABLE	QG52xi	WIA	
7205.3	8	2011	10	26	1905		A3A		AUS		OTHR 50 PPS S5	QG52xi	WIA	
10115	20	2011	10	20	<0315>	0315- 0400	P0N		?	Unid		RF80HL	NZART	ZL2iFB
14000.0	3	2011	10	2	0810		J3E/U				DAILY, ASIAN	QG52xi	WIA	
14000	3	2011	10	1	07:22--07:23		J3E/U	315	CLN		1 male calling, no reply	OF84wx	WIA	
14000	3	2011	10	1	23:05--23:30		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	2	23:20--23:30		J3E/U	315	CLN		2 males	OF84wx	WIA	
14000	3	2011	10	3	08:25--08:33		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	3	23:10--23:30		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	4	07:35--07:45		J3E/U	315	CLN		1 male repeating same call without break	OF84wx	WIA	
14000	3	2011	10	4	08:20--08:27		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	4	22:55--23:15		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	6	22:45--23:55		J3E/U	360	INS		2 males	OF84wx	WIA	
14000	3	2011	10	7	07:30--07:42		J3E/U	315	CLN		2 males	OF84wx	WIA	
14000	3	2011	10	7	08:15--09:10		J3E/U	315	CLN		2 males , broadcast music, on-off several times	OF84wx	WIA	
14000	3	2011	10	9	22:49--23:30>		J3E/U	360	INS		2 males	OF84wx	WIA	
14000	3	2011	10	11	22:45--23:10		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	12	07:30--08:00		J3E/U	315	CLN		Group of males	OF84wx	WIA	
14000	3	2011	10	12	23:12--23:25		J3E/U	315	CLN		2 males	OF84wx	WIA	

14000	3	2011	10	12	23:45--23:49	J3E/U	360		1 male repeating same sentence, no other reply	OF84wx	WIA
14000	3	2011	10	13	07:35--08:12	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	10	13	22:59--23:45	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	10	14	<22:45--00:20>	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	10	15	22:45--23:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	10	16	22:55--23:20	J3E/L	315	CLN	Group of males, out of 20m band	OF84wx	WIA
14000	3	2011	10	17	22:40--23:00	J3E/L	315	CLN	Group of males, shifted outside band	OF84wx	WIA
14000	3	2011	10	18	06:50--07:17	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	10	19	<22:45--23:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	10	20	08:45--08:53	J3E/L	315	CLN	Group of males, out of 20m band	OF84wx	WIA
14000	3	2011	10	21	23:10--00:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	10	22	07:05--07:10	J3E/U	360	INS	Group of males work from boats	OF84wx	WIA
14000	3	2011	10	22	23:15--00:00	J3E/L	315	CLN	Group of males, Outside of 20m band	OF84wx	WIA
14000	3	2011	10	23	22:50--23:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	10	24	08:03--08:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	10	24	23:10--23:30	J3E/L	315	CLN	Group of males, outside 20m band	OF84wx	WIA
14000	3	2011	10	26	22:40--23:10	J3E/L	315	CLN	Group of males, outside of 20m band	OF84wx	WIA
14000	3	2011	10	27	<23:35--00:00	J3E/L	315	CLN	Group of males, play music, outside 20m band	OF84wx	WIA
14000	3	2011	10	29	<22:50--23:33	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2011	10	30	07:28--07:39	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2011	10	31	23:02--23:17	J3E/U	315	CLN	2 males	OF84wx	WIA
14000.5	3	2011	10	30	08:10--08:37	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000.5	3	2011	10	5	22:15--23:30	J3E/U	315	CLN	GRoup of males	OF84wx	WIA
14002.0	6	2011	10	1	0715	G1D			DAILY, WIDE PSK	QG52xi	WIA
14005	3	2011	10	27	23:10--23:13	J3E/U	315	CLN	2 males	OF84wx	WIA
14008.0	3	2011	10	2	0810	F1B				QG52xi	WIA
14010	3	2011	10	27	<22:50--23:04	J3E/L	315	CLN	2 males	OF84wx	WIA
									PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA
14011.0	5	2011	10	4	0940	G7D				QG52xi	WIA
14012.4	3	2011	10	20	<22:45--23:00	J3E/U	315	CLN	Group of males	OF84wx	WIA
									8V2HK CALLING OULY, CYRILLIC MORSE	QG52xi	WIA
14014.0	1	2011	10	2	0715	A2A				QG52xi	WIA
14015	3	2011	10	28	<23:45--23:56	J3E/L	315	CLN	2 males	OF84wx	WIA
									PAIRS OF SUBCARRIERS ~ 80 HZ APART. ~ 20	QG52xi	WIA
14022.0	5	2011	10	1	1010	G7D				QG52xi	WIA
14023.7	3	2011	10	17	23:00--23:20	J3E/U	315	CLN	2 males	OF84wx	WIA
14023.8	3	2011	10	6	07:13--07:19	J3E/U	315	CLN	2 males	OF84wx	WIA
14024	3	2011	10	12	23:12--23:27	J3E/U	315	CLN	2 males	OF84wx	WIA
14024	3	2011	10	23	<23:30--00:00	J3E/U	315	CLN	2 males	OF84wx	WIA
14024.7	3	10	10	2	23:30--23:35	J3E/L	315	CLN	2 males	OF84wx	WIA

14024.9	3	2011	10	13	07:38--08:00	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025.0	3	2011	10	1	1010	J1C				DAILY	QG52xi	WIA				
14025	3	2011	10	15	<23:30--00:40	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	16	<23:15--00:30	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	17	23:00--23:25	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	18	22:50--23:28	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	19	23:20--23:43	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	20	22:50--00:06	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	21	23:01--23:30	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	22	22:45--23:20	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	24	23:00--23:28	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	25	22:55--00:09	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	26	22:50--23:15	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	26	23:50--23:57	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	27	<23:12--23:40	J3E/U		315	CLN	2 males	OF84wx	WIA				
14025	3	2011	10	28	23:18--23:43	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	30	<23:35--00:00>	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14025	3	2011	10	31	23:00--23:55	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14026.0	5	2011	10	7	0725	G7D				3 SUBCARRIERS ON 200 HZ SPACING	QG52xi	WIA				
14028.0	3	2011	10	11	0900	J3E/U				ASIAN	QG52xi	WIA				
14028	3	2011	10	12	<08:00--08:10	J3E/U		315	CLN	2 males	OF84wx	WIA				
14030.0	5	2011	10	25	0620	G7D				8 HEAVILY PSK'D SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA				
14032		2011	10	24	<0415>	A1N	0415-0445	?	Unid	Tone mod. Car. 12 tones spaced 200 Hz	RF72LQ	NZART	ZL1BAD			
14033.1	3	2011	10	2	0635	J3E/U				ASIAN	QG52xi	WIA				
14033.3	3	2011	10	20	<07:50--08:04	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14035.0	20	2011	10	1	0420	P0N				OTHR, BURSTS	QG52xi	WIA				
14035	3	2011	10	23	<23:10--23:45	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14035.5	3	2011	10	21	23:00--23:25	J3E/U		315	CLN	2 males	OF84wx	WIA				
14035.5	3	2011	10	24	22:44--23:00	J3E/U		315	CLN	2 males	OF84wx	WIA				
14036	3	2011	10	8	<22:50--23:30	J3E/U		315	CLN	Group of males	OF84wx	WIA				
14036		2011	10	08	<1936>	F1B	1936 0625-0650	100	246.6	315	?	Unid	Encrypted traffic CIS-36-50 Unprintable	RF73MF	NZART	ZL1GWE
14037		2011	10	27	<0625>	F1B		250		?	Unid		RF72LQ	NZART	ZL1BAD	
14038.5	3	2011	10	8	22:50--23:45	J3E/L		315	CLN	Group of males	OF84wx	WIA				
14039	3	2011	10	7	<23:00--23:50	J3E/L		315	CLN	Group of males	OF84wx	WIA				
14039.2	3	2011	10	7	0830	J3E/L				ASIAN, FISHBOAT, ENGINE NOISE	QG52xi	WIA				
14040.1	3	2011	10	21	0225	J3E/U			PHL	TAGALOG	QG52xi	WIA				
14043.3	3	2011	10	16	<23:55--00:30	J3E/L		315	CLN	2 males	OF84wx	WIA				
14043.5	3	2011	10	2	30:33--00:13	J3E/L		315	CLN	Group of males	OF84wx	WIA				
14043.5	3	2011	10	4	<23:08--00:25	J3E/L		315	CLN	Group of males	OF84wx	WIA				
14043.5	3	2011	10	7	23:36--23:50	J3E/L		315	CLN	2 males	OF84wx	WIA				

14043.5	3	2011	10	18	<23:30--00:00	J3E/L		315	CLN	2 males	OF84wx	WIA		
14045.0	8	2011	10	20	1925	A3E			PHL	VOA TINANG INTERMOD	QG52xi	WIA		
14048.0	3	2011	10	2	0225	J3E/U			PHL	DAILY, TAGALOG	QG52xi	WIA		
14048	3	2011	10	5	08:00--08:15	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14048	3	2011	10	14	<22:45--23:20	J3E/U		315	CLN	2 males work from boats	OF84wx	WIA		
14048	3	2011	10	15	<08:00--08:12	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14050.0	3	2011	10	30	2050	J3E/U				ASIAN	QG52xi	WIA		
14050	3	2011	10	3	<23:10--23:25	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14050	3	2011	10	22	<23:15--23:25	J3E/L		315	CLN	Group of males	OF84wx	WIA		
										>10 SUBCARRIERS IN 200 HZ INTERVAL				
14051.0	5	2011	10	7	1205	G7D					QG52xi	WIA		
14051.5	3	2011	10	23	22:55--23:08	J3E/U		315	CLN	Group of males	OF84wx	WIA		
14052.0	3	2011	10	25	810	J3E/U			PHL	TAGALOG	QG52xi	WIA		
14052.3	3	2011	10	7	0310	J3E/U				ASIAN	QG52xi	WIA		
14053.0	3	2011	10	1	0715	J3E/U				ASIAN	QG52xi	WIA		
14057.7	3	2011	10	23	0950	J3E/U				ASIAN	QG52xi	WIA		
14058	3	2011	10	7	<07:55--08:09	J3E/L		360	CHN	Male-female	OF84wx	WIA		
14058	3	2011	10	18	<07:55--08:17	J3E/L		360	CHN	Male-female	OF84wx	WIA		
14058	3	2011	10	19	<08:00--08:23	J3E/L		360	CHN	Male-female	OF84wx	WIA		
14058	3	2011	10	23	<07:50--08:35	J3E/L		360	CHN	Male-female	OF84wx	WIA		
14058	3	2011	10	26	08:00--08:40	J3E/L		360	CHN	Male-female	OF84wx	WIA		
14058	3	2011	10	27	07:53--08:10	J3E/L		360	CHN	Male-female	OF84wx	WIA		
14058.1	3	2011	10	26	0820	J3E/L				ASIAN, FAMILY NET	QG52xi	WIA		
14058.2	3	2011	10	18	0715	J3E/U				ASIAN	QG52xi	WIA		
14061.0	3	2011	10	17	1000	J3E/U				ASIAN	QG52xi	WIA		
14065.3	3	2011	10	20	08:05--08:10	J3E/U		315	CLN	2 males	OF84wx	WIA		
14066.5	3	2011	10	25	<23:37--23:42	J3E/U		360	INS	2 males	OF84wx	WIA		
14069	3	2011	10	10	<04:50--05:12	J3E/U		360	INS	Male-female talking, but listening on other frequency	OF84wx	WIA		
14070.0	3	2011	10	7	0935	J3E/L				ASIAN	QG52xi	WIA		
14071.7	3	2011	10	11	0920	J3E/U				ASIAN	QG52xi	WIA		
										SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY - 2 OM	MK82	ARSI		
14074		2011	10	01	<0225-0235>	J3E/U			CLN	UNID				
14091.9	3	2011	10	17	0815	J3E/U				ASIAN	QG52xi	WIA		
14092	3	2011	10	5	23:55--00:10	J3E/U		360	INS	2 males	OF84wx	WIA		
14092	3	2011	10	17	08:05--08:30	J3E/U		360	CHN	2 males	OF84wx	WIA		
14099.9	3	2011	10	23	0950	J3E/L				FRENCH	QG52xi	WIA		
										CHINESE NON-FISHERMEN IN CHINESE DIALECT				
14100.7		2011	10	17	<0210-0225>	A3E			CHN	UNID	MK82	ARSI		
										CHINESE NON-FISHERMEN IN CHINESE DIALECT				
14104.3		2011	10	17	<0210-0225>	A3E			CHN	UNID	MK82	ARSI		
14114.0	3	2011	10	23	0955	J3E/U				ASIAN	QG52xi	WIA		
14119.0	1	2011	10	11	0925	F1B	HIGH	200			NO DECODES	QG52xi	WIA	
14120		2011	10	09	<0835>	F1B		500	?	Unid	Unprintable	RF72LQ	NZART	ZL1BAD

14122.2		2011	10	01	<0225-0235>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14127.0	3	2011	10	23	1000		G7D				2 SUBCARRIERS 250 HZ	QG52xi	WIA	
14128.8	3	2011	10	23	1000		J3E/U				APART, BOTH HEAVILY PSK'D	QG52xi	WIA	
14135		2011	10	20	<0620>	0620-0705	F1B	240	?	Unid	ASIAN	RF72LQ	NZART	ZL1BAD
14160.0	1	2011	10	2	0640		F1B	HIGH 250			Unprintable	QG52xi	WIA	
14160		2011	10	02	<0530>	0530-0555	F1B	250	?	Unid	NO DECODES	RF72LQ	NZART	ZL1BAD
14172.2	3	2011	10	1	0725		J3E/L				Unprintable	QG52xi	WIA	
14184.0	3	2011	10	4	1000		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	
14190		2011	10	23	<1930>	1930	F1B		RUS	?	ASIAN, PRECEDED BY SELCALL	RE68XL	NZART	ZL2TZE
											Encrypted traffic CIS-50-50			14192 Heard DAILY
											Russian Navy			from 6th Oct. to end of
											RTTY = Idle sigs. Only			month. F1B & F1A
														Procedures suggest
														Russian. 0300 - 0715.
14192		2011	10	DY	<0300>	0300-0715	F1B/F1A	250	?	Unid	Encrypted traffic CIS-50-50	RF72LQ	NZART	
14193		2011	10	23	<0356>	0356	F1B	135	RUS	?	Russian Navy	RF73MF	NZART	ZL1GWE
14200.0	20	2011	10	2	0645-0750		P0N	310			OTHR	QG52xi	WIA	
14200		2011	10	12	<1930>	1930-2245	A3E		?	Unid	BC with multiple spurious side bands	RF72LQ	NZART	ZL1BAD
14202.000		2011	10	8	1235		R3E		UNID	UNID	Two way communication in S.A. Language	NL06	ARSI	
14208.0	3	2011	10	2	0810		J3E/U				ASIAN, SOUNDS CHINESE. KIDS TALKING TO DADDY.	QG52xi	WIA	
14233.0	1	2011	10	2	0640		F1B	HIGH 250			NO DECODES, FREQUENCY DRIFTS	QG52xi	WIA	
14241.0	5	2011	10	4	1000		G7D				10 HEAVILY PSK'D CARRIERS ON 200HZ SPACING	QG52xi	WIA	
14250.0	6	2011	10	4	1000		A3E		KRE		DAILY, SW BROADCAST	QG52xi	WIA	
14256.4	3	2011	10	4	1000		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	
14267.2		2011	10	01	<0230-0240>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14269.0	1	2011	10	17	0730		F1B	250			DAILY	QG52xi	WIA	
14277.7	3	2011	10	4	00:34--00:35		J3E/U	360	INS		2 males, no messages yet	OF84wx	WIA	
14277.7	3	2011	10	4	02:25--02:30		J3E/U	360	INS		2 males 1 female pass coded messages, (weather info)	OF84wx	WIA	
14277.7	3	2011	10	6	00:52--00:53		J3E/U	360	INS		2 males	OF84wx	WIA	
14277.7	3	2011	10	9	01:05--01:07		J3E/U	360	INS		2 males no messages yet	OF84wx	WIA	
14277.7	3	2011	10	11	00:20--00:25		J3E/U	360	INS		2 males pass coded messages, (weather info)	OF84WX	WIA	

14277.7	3	2011	10	11	00:45--00:50	J3E/U	360	INS	3 males, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	11	01:16--01:24	J3E/U	360	INS	Group of males, 1 female, Pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	12	00:19--00:20	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	10	13	01:10--01:12	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	14	00:30--00:35	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	14	00:40--00:45	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	14	01:01--01:17	J3E/U	360	INS	Group of males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	14	01:22--01:32	J3E/U	360	INS	2 males chatting	OF84wx	WIA
14277.7	3	2011	10	15	00:55--01:03	J3E/U	360	INS	Group of males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	15	01:25--01:30	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	15	01:50--01:57	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	16	00:57--00:59	J3E/U	360	INS	2 males no messages yet	OF84wx	WIA
14277.7	3	2011	10	17	00:28--00:34	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	17	00:45--00:47	J3E/U	360	INS	2 males, short message	OF84wx	WIA
14277.7	3	2011	10	17	01:35--01:41	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	17	01:45--01:53	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	17	02:02--02:08	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	17	02:15--02:27	J3E/U	360	INS	2 males , pass coded messages, (weather info and then chat)	OF84wx	WIA
14277.7	3	2011	10	18	00:20--00:28	J3E/U	360	INS	Group of males, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	18	00:30--00:40	J3E/U	360	INS	Group of males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	18	01:16--01:30	J3E/U	360	INS	Group of males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	18	01:50--02:05	J3E/U	360	INS	Group of males pass coded messages	OF84wx	WIA
14277.7	3	2011	10	19	<00:05--00:14	J3E/U	360	INS	2 males, no messages yet, just chatting	OF84wx	WIA
14277.7	3	2011	10	19	00:36--00:41	J3E/U	360	INS	Group of males, no msge yet, just chatting	OF84wx	WIA
14277.7	3	2011	10	19	01:50--02:08	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA

14277.7	3	2011	10	20	00:20--00:25	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	20	00:28--00:35	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	20	00:43--00:52	J3E/U	360	INS	Group of males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	21	00:09--00:10	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	10	21	00:39--00:46	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	21	00:55--00:58	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	22	00:27--00:33	J3E/U	360	INS	2 males pass coded messages, (wather info)	OF84wx	WIA
14277.7	3	2011	10	22	00:36--01:00	J3E/U	360	INS	Group of males pass coded messages,(weather info)	OF84wx	WIA
14277.7	3	2011	10	22	01:07--01:13	J3E/U	360	INS	Group of males	OF84wx	WIA
14277.7	3	2011	10	22	01:20--01:28	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	24	00:37--00:38	J3E/U	360	INS	2 males, no messages yet	OF84wx	WIA
14277.7	3	2011	10	25	00:08--00:10	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA
14277.7	3	2011	10	26	00:46--00:51	J3E/U	360	INS	Male-female pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	26	00:54--01:00	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	26	01:59--02:00	J3E/U	360	INS	Male-female , short repeat	OF84wx	WIA
14277.7	3	2011	10	27	00:20--00:27	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	27	01:18--01:19	J3E/U	360	INS	2 males, no messages	OF84wx	WIA
14277.7	3	2011	10	28	00:35--00:55	J3E/U	360	INS	2 males pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	29	01:25--01:27	J3E/U	360	INS	Male-female, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	29	01:55--01:57	J3E/U	360	INS	Male-female, pass coded messages, (weather info)	OF84wx	WIA
14277.7	3	2011	10	30	01:20--01:21	J3E/U	360	INS	1 male calling, no reply	OF84wx	WIA
14284.0	5	2011	10	11	0910	G7D			PAIRS OF SUBCARRIERS ~ 200 HZ APART. ~ 10	QG52xi	WIA
14290.9	3	2011	10	12	1025	J3E/U			ASIAN	QG52xi	WIA
14291		2011	10	01	<0230-0240>	J3E/U		CLN	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14292.0	1	2011	10	17	0730	F1B	500	UNID	DAILY	QG52xi	WIA
14294.000	4	2011	10	8	1215	A3E		UNID	Some broadcast from Asian country	NL06	ARSI
14303.3	3	2011	10	1	0735	J3E/U		PHL	TAGALOG	QG52xi	WIA
14304.7	1	2011	10	17	0825	F1B	250		DAILY	QG52xi	WIA

14306.1	3	2011	10	26	0830	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	
14307.9	3	2011	10	5	0900	J3E/U					ASIAN	QG52xi	WIA	
14308.5	3	2011	10	2	0650	F1B					MIGHT BE SELCALL	QG52xi	WIA	
14311.6	3	2011	10	11	0945	J3E/U					ASIAN	QG52xi	WIA	
14314.2		2011	10	01	<0230-0240>	J3E/U		CLN	UNID		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14318.7	3	2011	10	26	0830	J3E/U					ASIAN	QG52xi	WIA	
14321.0	3	2011	10	11	0950	J3E/U					ASIAN	QG52xi	WIA	
14328.5	1	2011	10	28	2005	F1B					PROBABLY SELCALL	QG52xi	WIA	
14336.0	3	2011	10	27	0415	J3E/L					ASIAN	QG52xi	WIA	
14338.9	3	2011	10	11	0910	J3E/U					ASIAN	QG52xi	WIA	
14339.0	5	2011	10	26	0830	G7D					10 HEAVILY PSK'D CARRIERS ON 200HZ SPACING	QG52xi	WIA	
14342.0	3	2011	10	4	1005	F1B						QG52xi	WIA	
14344.0	6	2011	10	28	2010	G7D					APPROX 50 SUBCARRIERS APPROX 80 HZ SPACING, BURSTS	QG52xi	WIA	
14345.7	3	2011	10	12	1025	J3E/U					ASIAN	QG52xi	WIA	
18107		2011	10	05	<0745>	F1B	200		RUS	Unid	Russian Shore Stn	RF72LQ	NZART	ZL1BAD
21001.5	1	2011	10	12	1020	F1B						QG52xi	WIA	
21006.0	1	2011	10	27	0415	F1B	600		KRE			QG52xi	WIA	
21006		2011	10	27	<0413>	A1A		300	?	?	Raspy Dashes	RF80HL	NZART	ZL2iFB
21022.7	3	2011	10	18	0850	J3E/U					SOUNDS RUSSIAN	QG52xi	WIA	
21050.0	6	2011	10	1	0055	A3E					ASIAN	QG52xi	WIA	
21057.0		2011	10	19	1020	A1A				WYGU	DAILY, CIPHER GROUPS, CYRILLIC CHARACTERS	QG52xi	WIA	
21058.0	6	2011	10	25	0745	A3E					ASIAN	QG52xi	WIA	
21098	24	2011	10	16	<0533>	P0N		315	?	Unid	OTHR 46 pps S8 continous moves out of band at 0535	RF73MF	NZART	ZL1GWE
21099.2	3	2011	10	11	0950	J3E/U					ASIAN	QG52xi	WIA	
21100.0	40	2011	10	27	0025	P0N					OTHR	QG52xi	WIA	
21136.8	3	2011	10	5	0905	J3E/U					ASIAN	QG52xi	WIA	
21205.0	10	2011	10	26	0835	VXX					CODAR-LIKE, BUT MUCH FASTER SWEEPS	QG52xi	WIA	
21355	15	2011	10	20	<0625>	PON			?	Unid	60 PPS. 4 Sec. burst every 25 Secs OTHR	RF72LQ	NZART	ZL1BAD
21360	15	2011	10	08	<0440>	P0N			?	Unid	75PPS 2 sec. burst every 24 secs.OTHR	RF72LQ	NZART	ZL1BAD
21380	15	2011	10	08	<0440>	P0N			?	Unid	75 PPS. 2 stns. One on this freq. other on 21360 OTHR	RF72LQ	NZART	ZL1BAD
24905.0	6	2011	10	2	0205	A3E					ASIAN	QG52xi	WIA	
24912.5	6	2011	10	1	0925	A3E					ASIAN	QG52xi	WIA	
24915.0	6	2011	10	26	2340	A3E					ASIAN	QG52xi	WIA	
24932.5	6	2011	10	24	2305	A3E					ASIAN	QG52xi	WIA	

24935.0	6	2011	10	20	1010		A3E				ASIAN	QG52xi	WIA	
24937.5	6	2011	10	15	2235		A3E				ASIAN	QG52xi	WIA	
						0630-0700					CODAR Sea State Radar			
24950	100	2011	10	18	<0630>		P0N		?	Unid		RF72LQ	NZART	ZL1BAD
24950	100	2011	10	20	<0645>	0645	P0N		?	Unid	CODAR Sea State Radar	RF72LQ	NZART	ZL1BAD
24965.0	6	2011	10	17	0930		A3E				ASIAN	QG52xi	WIA	
24975.0	6	2011	10	25	0735		A3E				ASIAN	QG52xi	WIA	
24987.5	6	2011	10	21	1000		A3E				ASIAN	QG52xi	WIA	
28000.0	6	2011	10	1	0405		A3E				ASIAN	QG52xi	WIA	
28001	8	2011	10	19	<0450>	0450	P0N		300	?	Unid	OTHR 53 PPS	RF73MF	NZART ZL1GWE
28001		2011	10	19	<0450>	0450	P0N		300	?	Unid	OTHR 53 PPS S3-S7	RE66IM	NZART ZL3NB
28001	8	2011	10	19	<0540>	0540	P0N		270	?	Unid	OTHR 53 PPS	RF80HL	NZART ZL2iFB
28005.0	6	2011	10	2	0020		A3E				ASIAN, SINGING	QG52xi	WIA	
28005		2011	10	17	<0419>	0419	A3E		300	CHN	Unid	Non Amateurs S1 shouting	RF73MF	NZART ZL1GWE
28008.33		2011	10	12	<0551>	0551	A1A		300	?	4ION	Non Amateur beacon	RF80HL	NZART ZL2iFB
28012.5	6	2011	10	25	0735		A3E				ASIAN	QG52xi	WIA	
28015.0	6	2011	10	16	0910		A3E				DAILY, ASIAN	QG52xi	WIA	
28025.0	6	2011	10	1	2210		A3E				DAILY, ASIAN	QG52xi	WIA	
28032.5	6	2011	10	26	0855		A3E				DAILY, ASIAN	QG52xi	WIA	
28035.0	6	2011	10	16	0910		A3E				DAILY, ASIAN	QG52xi	WIA	
28035		2011	10	17	<0422>	0422	A3E		300	CHN	Unid	Non Amateurs S1 QSB	RF73MF	NZART ZL1GWE
28037		2011	10	17	<0424>	0424	A3E		300	CHN	Unid	Non Amateurs S1 QSB	RF73MF	NZART ZL1GWE
28037.5	6	2011	10	20	0910		A3E				ASIAN	QG52xi	WIA	
28040.0	30	2011	10	25	0730		P0N				OTHR	QG52xi	WIA	
28045.0	3	2011	10	17	2025		J3E/L				SPANISH	QG52xi	WIA	
28050.0	6	2011	10	1	0350		A3E				ASIAN	QG52xi	WIA	
28055.0	6	2011	10	12	0850		A3E				SPANISH OR ITALIAN	QG52xi	WIA	
28064		2011	10	17	<0425>	0425	A3E		300	CHN	Unid	Non Amateurs S1 QSB	RF73MF	NZART ZL1GWE
28065.0	6	2011	10	12	0945		A3E				SPANISH OR ITALIAN	QG52xi	WIA	
28075.0	6	2011	10	1	0350		A3E				DAILY, ASIAN	QG52xi	WIA	
28075		2011	10	17	<0426>	0426	A3E		300	CHN	Unid	Non Amateurs S1 QSB	RF73MF	NZART ZL1GWE
						0330-0340					Non Amateurs S8			
28077		2011	10	23	<0330>	0340	F3E		315	CHN	Unid		RF73MF	NZART ZL1GWE
28085.0	6	2011	10	21	1000		A3E				ASIAN	QG52xi	WIA	
28097		2011	10	17	<0428>	0428	A3E		300	CHN	Unid	Non Amateurs S1 QSB SF151	RF73MF	NZART ZL1GWE
28100.0	6	2011	10	1	0350		A3E				ASIAN	QG52xi	WIA	
28105.0	6	2011	10	1	2200		A3E				DAILY, ASIAN	QG52xi	WIA	
											OTHR SPREADING FROM 28087 TO 28133 Khz			
28110		2011	10	07	<1030-1045>		XXX			UNID	UNID		MK82	ARSI
28112.5	6	2011	10	12	0925		A3E				DAILY, ASIAN	QG52xi	WIA	
28115.0	6	2011	10	16	0900		A3E				DAILY, ASIAN	QG52xi	WIA	
28125.0	6	2011	10	1	0350		A3E				DAILY, ASIAN	QG52xi	WIA	
											CHINESE NON-FISHERMEN IN CHINESE DIALECT			
28125.2		2011	10	16	<0120-0145>		A3E			CHN	UNID		MK82	ARSI
28132		2011	10	17	<0429>	0429	A3E		300	CHN	Unid	Non Amateurs	RF73MF	NZART ZL1GWE
28135.0	6	2011	10	12	0925		A3E				DAILY, ASIAN	QG52xi	WIA	

28136		2011	10	17	<0431>	0431	A3E	300	CHN	Unid	Non Amateurs	RF73Mf	NZART	ZL1GWR
28145.0	6	2011	10	1	2310		A3E				DAILY, ASIAN	QG52xi	WIA	
28150.0	6	2011	10	1	0350		F3E				DAILY, ASIAN	QG52xi	WIA	
28155.0	6	2011	10	1	2310		A3E				DAILY, ASIAN	QG52xi	WIA	
28162		2011	10	17	<0434>	0432	A3E	300	CHN	Unid	Non Amateurs	RF73Mf	NZART	ZL1GWE
28165.0	6	2011	10	1	2310		A3E				DAILY, ASIAN	QG52xi	WIA	
28175.0	6	2011	10	1	0350		A3E				DAILY, ASIAN	QG52xi	WIA	
28185.0	6	2011	10	17	0900		A3E				DAILY, ASIAN	QG52xi	WIA	
28186.3		2011	10	16	<0120-0145>		A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI	
28187.5	6	2011	10	12	0925		A3E				DAILY, ASIAN	QG52xi	WIA	
28190.0	6	2011	10	29	0645		A3E				DAILY, ASIAN	QG52xi	WIA	
28195.0	6	2011	10	1	2135		A3E				DAILY, ASIAN	QG52xi	WIA	
28200.0	6	2011	10	1	2200		A3E				ASIAN	QG52xi	WIA	
28200		2011	10	30	<0300>	0300-0319	F3E	315	CHN	Unid	Non Amateurs fishing boats noises S2	RF73MF	NZART	ZL1GWE
28205.0	6	2011	10	1	2310		A3E				DAILY, ASIAN	QG52xi	WIA	
28212.5	6	2011	10	20	1000		A3E				ASIAN	QG52xi	WIA	
28215.0	6	2011	10	1	2310		A3E				ASIAN	QG52xi	WIA	
28222		2011	10	23	<0646>	0646-0711	P0N	45	?	Unid	OTHR S4 Cyprus PMCW	RF73MF	NZART	ZL1GWE
28225.0	6	2011	10	1	0405		F3E				DAILY, ASIAN	QG52xi	WIA	
28226		2011	10	16	<0120-0145>		A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI	
28235.0	6	2011	10	1	2305		A3E				DAILY, ASIAN	QG52xi	WIA	
28237.5	6	2011	10	1	0350		A3E				DAILY, ASIAN	QG52xi	WIA	
28240		2011	10	12	<0158>	0158-0200	A1A	300	?	5AJS	Drift bouy ? Frequent repeats and slight chirp	RF80HL	NZART	ZL2IFB
28245.0	6	2011	10	1	2305		A3E				DAILY, ASIAN	QG52xi	WIA	
28250.0	6	2011	10	1	0350		A3E				DAILY, ASIAN	QG52xi	WIA	
28255.0	6	2011	10	1	0405		A3E				DAILY, ASIAN	QG52xi	WIA	
28260.0	6	2011	10	1	2305		A3E				DAILY, ASIAN	QG52xi	WIA	
28262.5	6	2011	10	29	0645		A3E				ASIAN	QG52xi	WIA	
28265.0	6	2011	10	1	2305		A3E				DAILY, ASIAN	QG52xi	WIA	
28275.0	6	2011	10	1	2300		A3E				DAILY, ASIAN	QG52xi	WIA	
28277.8		2011	10	16	<0120-0145>		A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI	
28285.0	6	2011	10	1	2300		A3E				DAILY, ASIAN	QG52xi	WIA	
28287.5	6	2011	10	29	0640		A3E				ASIAN	QG52xi	WIA	
28295.0	6	2011	10	12	0920		A3E				ITALIAN	QG52xi	WIA	
28300.0	6	2011	10	12	0920		A3E				ITALIAN	QG52xi	WIA	
28304.5		2011	10	17	<0438>	0438	A3E	300	CHN	Unid	Non Amateurs S1 Male	RF73MF	NZART	ZL1GWE
28305.0	6	2011	10	1	0345		A3E				ASIAN	QG52xi	WIA	
28315.0	6	2011	10	12	0920		A3E				ITALIAN	QG52xi	WIA	
28325.0	6	2011	10	1	0345		A3E				ASIAN	QG52xi	WIA	

28327.2		2011	10	16	<0120-0145>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28335.0	6	2011	10	17	0855	A3E				ASIAN	QG52xi	WIA		
28337.5	6	2011	10	12	0920	A3E				ITALIAN	QG52xi	WIA		
28350.0	6	2011	10	1	0405	A3E				ASIAN	QG52xi	WIA		
28355.0	6	2011	10	16	0900	A3E				ASIAN	QG52xi	WIA		
28356.9		2011	10	17	<0135-0150>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28363.7		2011	10	17	<0135-0150>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28365.0	6	2011	10	17	0855	A3E				ASIAN	QG52xi	WIA		
28375.0	6	2011	10	1	0405	A3E				DAILY, ASIAN	QG52xi	WIA		
28380.0	6	2011	10	27	0140	A3E				ASIAN	QG52xi	WIA		
28385.0	6	2011	10	17	0850	A3E				ASIAN	QG52xi	WIA		
28390.0	6	2011	10	27	0140	A3E				ASIAN	QG52xi	WIA		
28395.0	6	2011	10	27	0140	A3E				ASIAN	QG52xi	WIA		
28400.0	6	2011	10	1	0345	A3E				DAILY, ASIAN	QG52xi	WIA		
28405.0	6	2011	10	12	0920	A3E				ITALIAN	QG52xi	WIA		
28412.5	6	2011	10	17	0850	A3E				ASIAN	QG52xi	WIA		
28415.0	6	2011	10	12	0920	A3E				ITALIAN	QG52xi	WIA		
28425.0	6	2011	10	21	0955	A3E				ASIAN	QG52xi	WIA		
28425		2011	10	17	<0451>	A3E	0451	300	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28426.5		2011	10	17	<0135-0150>	A3E			CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI	
28435.0	6	2011	10	17	0850	A3E				ASIAN	QG52xi	WIA		
28437.5	6	2011	10	27	0140	A3E				ASIAN	QG52xi	WIA		
28450.0	6	2011	10	1	0345	F3E				DAILY, ASIAN	QG52xi	WIA		
28455.0	6	2011	10	12	0920	A3E				ITALIAN	QG52xi	WIA		
28465.0	6	2011	10	17	0850	A3E				ASIAN	QG52xi	WIA		
28475.0	6	2011	10	1	0345	A3E				DAILY, ASIAN	QG52xi	WIA		
28485.0	6	2011	10	17	0845	A3E				ASIAN	QG52xi	WIA		
28490.0	6	2011	10	26	0920	A3E				ASIAN	QG52xi	WIA		
										ASIAN SW BROADCASTER				PROBABLY 2ND HARMONIC OF 14250, NORTH KOREA
28500.0	10	2011	10	1	0345	A3E					QG52xi	WIA		
28500.0	6	2011	10	1	0345	A3E				DAILY, ASIAN	QG52xi	WIA		
28505.0	6	2011	10	21	0955	A3E				ASIAN	QG52xi	WIA		
28514.5		2011	10	17	<0135-0150>	A3E			CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI	
28515.0	6	2011	10	17	0845	A3E				ASIAN	QG52xi	WIA		
28525.0	6	2011	10	12	0915	A3E				ITALIAN	QG52xi	WIA		
28535.0	6	2011	10	17	0845	A3E				ASIAN	QG52xi	WIA		
28550.0	6	2011	10	12	0915	A3E				ITALIAN	QG52xi	WIA		
28551		2011	10	22	<0647>	A3E	0647	000	?	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28555.0	6	2011	10	16	0855	A3E				ITALIAN	QG52xi	WIA		

28565.0	6	2011	10	12	0915	F3E				ASIAN	QG52xi	WIA		
28575.0	6	2011	10	12	0915	F3E				ASIAN	QG52xi	WIA		
28585.0	6	2011	10	26	0920	A3E				ASIAN	QG52xi	WIA		
28590.0	6	2011	10	22	0900	A3E				ASIAN	QG52xi	WIA		
28595.0	6	2011	10	12	0915	F3E				ASIAN	QG52xi	WIA		
28596		2011	10	07	<1030-1055>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28598.2		2011	10	17	<0135-0150>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28600.0	6	2011	10	12	0910	F3E				ASIAN	QG52xi	WIA		
28605.0	6	2011	10	17	0845	A3E				ASIAN	QG52xi	WIA		
28610.0	6	2011	10	12	0910	F3E				ASIAN	QG52xi	WIA		
28612.5	6	2011	10	22	0900	A3E				ASIAN	QG52xi	WIA		
28615.0	6	2011	10	21	0955	A3E				ASIAN	QG52xi	WIA		
28625.0	6	2011	10	1	0345	A3E				DAILY, ASIAN	QG52xi	WIA		
28635.0	6	2011	10	17	0845	A3E				ASIAN	QG52xi	WIA		
28645.0	6	2011	10	21	0955	A3E				ASIAN	QG52xi	WIA		
28650.0	6	2011	10	12	0910	F3E				ASIAN	QG52xi	WIA		
28651		2011	10	22	<0642>	A3E	0642	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28662.5	6	2011	10	27	0135	A3E				ASIAN	QG52xi	WIA		
28665.0	6	2011	10	1	2150	A3E				DAILY, ASIAN	QG52xi	WIA		
28667.1		2011	10	17	<0135-0150>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28675.0	6	2011	10	12	0905	F3E				ASIAN	QG52xi	WIA		
28685.0	6	2011	10	1	0345	A3E				DAILY, ASIAN	QG52xi	WIA		
28687.5	6	2011	10	1	0345	A3E				DAILY, ASIAN	QG52xi	WIA		
28695.0	6	2011	10	17	0845	A3E				ASIAN	QG52xi	WIA		
28700.0	6	2011	10	1	0400	A3E				DAILY, ASIAN	QG52xi	WIA		
28704.4		2011	10	17	<0135-0150>	A3E		CHN	UNID	CHINESE NON-FISHERMEN IN CHINESE DIALECT	MK82	ARSI		
28705.0	6	2011	10	1	0340	A3E				DAILY, ASIAN	QG52xi	WIA		
28712.5	6	2011	10	27	0130	A3E				ASIAN	QG52xi	WIA		
28715.0	6	2011	10	21	0950	A3E				ASIAN	QG52xi	WIA		
28725.0	6	2011	10	1	0340	A3E				DAILY, ASIAN	QG52xi	WIA		
28735.0	6	2011	10	17	0840	A3E				ASIAN	QG52xi	WIA		
28745.0	6	2011	10	17	0840	A3E				ASIAN	QG52xi	WIA		
28750.0	6	2011	10	1	2150	A3E				ASIAN	QG52xi	WIA		
28755.0	6	2011	10	22	0900	A3E				ASIAN	QG52xi	WIA		
28762.5	6	2011	10	1	2150	A3E				ASIAN	QG52xi	WIA		
28770		2011	10	22	<0641>	A3E	0641	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28775.0	6	2011	10	1	0340	A3E				ASIAN	QG52xi	WIA		
28780.0	6	2011	10	1	2150	A3E				ASIAN	QG52xi	WIA		
28787.5	6	2011	10	22	0900	A3E				ASIAN	QG52xi	WIA		
28800.0	6	2011	10	1	0340	A3E				ASIAN	QG52xi	WIA		
28805.0	6	2011	10	1	2150	A3E				ASIAN	QG52xi	WIA		

28812.5	6	2011	10	27	0125		A3E				ASIAN	QG52xi	WIA	
28815.0	6	2011	10	12	0905		F3E				ASIAN	QG52xi	WIA	
28825.0	6	2011	10	1	0340		F3E				ASIAN	QG52xi	WIA	
28837.5	6	2011	10	16	0850		A3E				ASIAN	QG52xi	WIA	
28850.0	6	2011	10	11	0905		F3E				ASIAN	QG52xi	WIA	
28850		2011	10	22	<0637>	0637	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28862.5	6	2011	10	16	0850		A3E				ASIAN	QG52xi	WIA	
28875.0	6	2011	10	1	0340		F3E				ASIAN	QG52xi	WIA	
28880.0	6	2011	10	1	0340		A3E				SW BROADCAST	QG52xi	WIA	
28887.5	6	2011	10	12	0905		A3E				ASIAN	QG52xi	WIA	
28895		2011	10	17	<0446>	0446	A3E	300	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28900.0	6	2011	10	1	0340		F3E				ASIAN	QG52xi	WIA	
28900		2011	10	22	<0636>	0636	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28912.5	6	2011	10	12	0905		A3E				ASIAN	QG52xi	WIA	
28920		2011	10	22	<0635>	0635	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
28925.0	6	2011	10	1	0340		A3E				ASIAN	QG52xi	WIA	
28937.5	6	2011	10	1	2150		A3E				ASIAN	QG52xi	WIA	
28950.0	6	2011	10	1	0340		A3E				ASIAN	QG52xi	WIA	
28962.5	6	2011	10	1	0340		A3E				ASIAN	QG52xi	WIA	
28975.0	6	2011	10	22	0900		F3E				ASIAN	QG52xi	WIA	
28987.5	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA	
28995.0	6	2011	10	1	2150		A3E				ASIAN	QG52xi	WIA	
29000.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA	
29000		2011	10	22	<0633>	0633	A3E	315	?	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29005.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA	
29012.5	6	2011	10	16	0850		A3E				ASIAN	QG52xi	WIA	
29020.0	6	2011	10	16	0850		A3E				ASIAN	QG52xi	WIA	
29025.0	6	2011	10	1	0335		F3E				ASIAN	QG52xi	WIA	
29030		2011	10	22	<0633>	0633	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29050.0	6	2011	10	1	0335		F3E				ASIAN	QG52xi	WIA	
29062.5	6	2011	10	27	0110		F3E				ASIAN	QG52xi	WIA	
29070		2011	10	22	<0632>	0632	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29075.0	20	2011	10	20	0950		F3E				SPANISH OR ITALIAN	QG52xi	WIA	
29080		2011	10	22	<0631>	0631	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29087.5	6	2011	10	27	0110		F3E				ASIAN	QG52xi	WIA	
29100.0	6	2011	10	16	0845		F3E				ASIAN	QG52xi	WIA	
29100		2011	10	22	<0631>	0631	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29124.5		2011	10	17	<0443>	0442	A3E	300	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29125.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA	
29137.5	6	2011	10	27	0105		A3E				ASIAN	QG52xi	WIA	
29150.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA	
29157		2011	10	22	<0630>	0630	A3E	315	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29162.5	6	2011	10	17	0840		F3E				ASIAN	QG52xi	WIA	
29165.0	6	2011	10	12	0900		A3E				ASIAN	QG52xi	WIA	
29175.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA	

29180.0	6	2011	10	12	0900		A3E				ASIAN	QG52xi	WIA		
29187.5	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA		
29190.0	8	2011	10	27	0100		A3E			KRE	SW BROADCAST	QG52xi	WIA		
29200.0	6	2011	10	3	0830		A3E				ASIAN	QG52xi	WIA		
29212.5	6	2011	10	3	0830		A3E				ASIAN	QG52xi	WIA		
29215		2011	10	22	<0627>	0627-0630	A3E	315	JPN	Unid	Non Amateurs Japanese	RF73MF	NZART	ZL1GWE	
29225.0	6	2011	10	3	0830		A3E				ASIAN	QG52xi	WIA		
29237.5	6	2011	10	1	2150		A3E				ASIAN	QG52xi	WIA		
29250.0	6	2011	10	1	0400		A3E				ASIAN	QG52xi	WIA		
29250		2011	10	22	<0617>	0617-0625	A3E	315	CHN	Unid	Non Amateurs Broadcasting chinese music	RF73MF	NZART	ZL1GWE	
29262.5	6	2011	10	1	0355		A3E				ASIAN	QG52xi	WIA		
29265.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA		
29275.0	6	2011	10	1	0335		A3E				ASIAN	QG52xi	WIA		
29276		2011	10	22	<0614>	0614	A3E	330	CHN	Unid	Non Amateurs SF168	RF73MF	NZART	ZL1GWE	
29280.0	6	2011	10	1	0355		A3E				ASIAN	QG52xi	WIA		
29285.0	6	2011	10	26	0905		A3E				ASIAN	QG52xi	WIA		
29287.5	6	2011	10	27	0100		A3E				ASIAN	QG52xi	WIA		
29295		2011	10	22	<0607>	0607	A3E	330	CHN	Unid	Non Amateurs SF168	RF73MF	NZART	ZL1GWE	
29300.0	6	2011	10	1	0355		A3E				ASIAN	QG52xi	WIA		
29312.5	6	2011	10	12	0900		A3E				ASIAN	QG52xi	WIA		
29325.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29337.5	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29350.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29362.5	6	2011	10	1	0355		A3E				ASIAN	QG52xi	WIA		
29375.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29380.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29387.5	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29390.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29390		2011	10	22	<0607>	0607	A3E	330	CHN	Unid	Non Amateurs SF168	RF73MF	NZART	ZL1GWE	
29400.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29405		2011	10	22	<0606>	0606	A3E	330	CHN	Unid	Non Amateurs SF168	RF73MF	NZART	ZL1GWE	
29412.5	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29425.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29437.5	6	2011	10	12	0855		A3E				ASIAN	QG52xi	WIA		
29450.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29462.5	6	2011	10	3	0825		A3E				ASIAN	QG52xi	WIA		
29475.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29487.5	6	2011	10	3	0825		A3E				ASIAN	QG52xi	WIA		
29500.0	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29512.5	6	2011	10	16	0840		A3E				ASIAN	QG52xi	WIA		
29525.0	6	2011	10	3	0825		A3E				ASIAN	QG52xi	WIA		
29537.5	6	2011	10	1	0330		A3E				ASIAN	QG52xi	WIA		
29550.0	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA		

29562.5	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29575.0	6	2011	10	1	0355		A3E				ASIAN	QG52xi	WIA	
29587.5	6	2011	10	3	0825		A3E				ASIAN	QG52xi	WIA	
29600.0	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29605		2011	10	22	<0604>	0604	A3E	330	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29612.5	6	2011	10	3	0820		A3E				ASIAN	QG52xi	WIA	
29625.0	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29630		2011	10	22	<0602>	0602	A3E	330	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29637.5	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29650.0	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29662.5	6	2011	10	1	0355		A3E				ASIAN	QG52xi	WIA	
29670.0	6	2011	10	12	0855		A3E				ASIAN	QG52xi	WIA	
29675.0	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29680.0	6	2011	10	30	0940		A3E				ASIAN	QG52xi	WIA	
29682		2011	10	22	<0600>	0600	A3E	330	CHN	Unid	Non Amateurs	RF73MF	NZART	ZL1GWE
29687.5	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
29690.0	6	2011	10	12	0850		A3E				ASIAN	QG52xi	WIA	
29700.0	6	2011	10	1	0325		A3E				ASIAN	QG52xi	WIA	
14.101.3	0.5	2011	10	11	1045		R3E				Two way communication	NL06	ARSI	
27995*	20	2011	10	19	<0450>	0450	P0N	300	?	Unid	OTHR 53 PPS S7	RF73IJ	NZART	ZL1TPH
						0447-					OTHR S8 66PPS			
27998.5*	23	2011	10	02	<0447>	0544	P0N	45	?	Unid		RF73MF	NZART	ZL1GWE