



# INTERNATIONAL AMATEUR RADIO UNION

## REGION THREE

### MONITORING SYSTEM REPORT



March 2010

Peter Young VK3MV

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Reports for March have been received from, ARSI, NZART, JARL, HARTS and WIA.

JARL reports the usual intrusions from broadcast stations in Russia, North Korean and China as well the numerous 40 meter CW beacon stations from Russia.

HARTS, NZART, JARL and WIA report various Over the Horizon Radar systems in or around the 40 meter and 20 meter bands.

Audio recording of broadcast stations operating on 7105kHz are still sort and assist in the correct identification and locations. Any other reports or observations are most welcome to the email address below.

WIA reports the ongoing low power pirate stations to the north of Australia and that some of these stations on the band lower edge of 20 meters shift around in and out of the band and are the same stations.

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

Thank you to all the regional observers for their reports. Keep them coming.

KHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID Description	Grid	Society
3560	10	2010	3	7	1100>	1100>	A3E				CLN Unid	Chinese News service M/F presenters	QG62pk	WIA VK4LO
13991.7	3	2010	3	25	>22:40--23:00	>22:40--23:00	J3E/U				315 CLN Unid	2 males These stns shift in and out of 20mtrs	OF84wx	WIA VK6XW
13996.8	3	2010	3	21	22:40--23:05	22:40--23:05	J3E/L				315 CLN Unid	2 males	OF84wx	WIA
13997	3	2010	3	12	23:10>	23:10>	J3E/L				315 CLN Unid	These stns shift in and out of 20mtrs	OF84wx	WIA
13997	3	2010	3	23	<22:45>	<22:45>	J3E/L				315 CLN Unid	2 males These stns shift in and out of 20mtrs	OF84wx	WIA
13999	3	2010	3	14	<22:55>	<22:55>	J3E/L				315 CLN Unid	2 males These stns shift in and out of 20mtrs	OF84wx	WIA
14000	3	2010	3	1	22:50--23:47	22:50--23:47	J3E/U				315 CLN Unid	2 males These stns shift in and out of 20mtrs	OF84wx	WIA
14000	3	2010	3	2	<06:36--09:30	<06:36--09:30	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14000	3	2010	3	3	<23:30--00:00	<23:30--00:00	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14000	3	2010	3	4	<07:40--08:15	<07:40--08:15	J3E/U				315 CLN Unid	group of males	OF84wx	WIA
14000	3	2010	3	4	22:40--23:59	22:40--23:59	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14000	3	2010	3	5	<08:30--08:38	<08:30--08:38	J3E/U				315 CLN Unid	Group of males work from boats	OF84wx	WIA
14000	3	2010	3	5	<22:45--00:16	<22:45--00:16	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14000	3	2010	3	8	23:00--23:40	23:00--23:40	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14000	3	2010	3	9	23:00--23:25	23:00--23:25	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14000	3	2010	3	10	<04:30--04:54	<04:30--04:54	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14000	3	2010	3	10	22:30--00:00	22:30--00:00	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14000	3	2010	3	11	22:50--00:08	22:50--00:08	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14000	3	2010	3	18	<08:42--09:02	<08:42--09:02	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14000	3	201	3	19	<08:50--08:55	<08:50--08:55	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14000	3	2010	3	25	<08:35--08:45	<08:35--08:45	J3E/L				315 CLN Unid	2 males	OF84wx	WIA
14000	3	291	3	27	<22:50--23:50	<22:50--23:50	J3E/U				315 CLN Unid	Group pf males	OF84WX	WIA
14000	3	2010	3	30	08:40--08:59	08:40--08:59	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14000	3	2010	3	30	<22:42--00:08	<22:42--00:08	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14003.3	3	2010	3	2	22:35--23:00	22:35--23:00	J3E/U				315 CLN Unid	2 males	OF84wx	WIA
14003.3	3	2010	3	12	22:45--23:00	22:45--23:00	J3E/U				315 CLN Unid	2 males, switched to 13997 J3E/L	OF84wx	WIA
14003.3	3	2010	3	20	22:45--23:30	22:45--23:30	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14003.4	3	2010	3	15	<08:55>	<08:55>	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14003.5	3	2010	3	19	<23:30--23:50	<23:30--23:50	J3E/L				315 CLN Unid	2 males	OF84wx	WIA
14009	3	2010	3	22	22:50--23:30	22:50--23:30	J3E/U				315 CLN Unid	Group of males	OF84wx	WIA
14016.2	3	2010	3	4	<<00:00--00:10>	<<00:00--00:10>	J3E/U				315 CLN Unid	2 males	OF84wx	WIA

14022	3	2010	3	24	22:40--00:00	22:40--00:00 J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14024.8	3	2010	3	17	<23:40--23:57	<23:40--23:57 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14025	3	2010	3	7	<23:30--00:03	<23:30--00:03 J3E/U	315 CLN	Unid	3 males	OF84wx	WIA
14025	3	2010	3	8	<23:20--00:03	<23:20--00:03 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14025	3	2010	3	9	23:40--00:10>	23:40--00:10> J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14025	3	2010	3	12	<23:45--00:10>	<23:45--00:10> J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14025	3	2010	3	19	<23:35--23:50	<23:35--23:50 J3E/L	315 CLN	Unid	2 males	OF84wx	WIA
14025	3	2010	3	20	<23:50--00:04	<23:50--00:04 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14029	3	2010	3	15	23:03--23:17	23:03--23:17 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14030	3	2010	3	10	<05:14--05:30>	<05:14--05:30> J3E/U	360 INS	Unid	2 males	OF84wx	WIA
14039.8	3	2010	3	14	<23:20>	<23:20> J3E/L	315 CLN	Unid	2 males	OF84wx	WIA
14046	3	2010	3	18	<22:45--00:06>	<22:45--00:06> J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14046.6	3	2010	3	1	22:42--23:18	22:42--23:18 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	2	06:36--09:44	06:36--09:44 J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14046.6	3	2010	3	2	<23:25--00:05	<23:25--00:05 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	3	08:17--08:55	08:17--08:55 J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14046.6	3	2010	3	3	22:45--23:15	22:45--23:15 J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14046.6	3	2010	3	4	<08:40--0854	<08:40--0854 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	5	<22:45--23:32	<22:45--23:32 J3E/U	315 CLN	Unid	3 males	OF84wx	WIA
14046.6	3	2010	3	13	<23:00--00:03	<23:00--00:03 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	14	<22:25--23:20	<22:25--23:20 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	18	<08:45--09:00	<08:45--09:00 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	19	<08:00--08:54	<08:00--08:54 J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14046.6	3	2010	3	20	08:16-08:30	08:16-08:30 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	2010	3	20	22:45--23:35	22:45--23:35 J3E/U	315 CLN	Unid	group of males	OF84wx	WIA
14046.6	3	2010	3	22	<23:35--23:45	<23:35--23:45 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.6	3	201	3	23	22:55--23:34	22:55--23:34 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.7	3	2010	3	4	23:00--23:35	23:00--23:35 J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14046.7	3	2010	3	5	07:50--09:18	07:50--09:18 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.7	3	2010	3	12	08:40--09:30	08:40--09:30 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14046.8	3	2010	3	1	07:12--08:15	07:12--08:15 J3E/U	315 CLN	Unid	Group of males	OF84WX	WIA
14047.4	3	2010	3	17	23:15--23:55	23:15--23:55 J3E/U	315 CLN	Unid	2 males	OF84wx	WIAS
14048	3	2010	3	1	07:08--07:22	07:08--07:22 J3E/U	360 INS	Unid	2 males	OF84wx	WIA
14048	3	2010	3	16	<07:49--08:05	<07:49--08:05 J3E/U	360	Unid	2 males	OF84wx	WIA
14048	3	2010	3	23	07:15--07:45	07:15--07:45 J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14049.7	3	201	3	20	<07:35--07:59	<07:35--07:59 J3EL	315 CLN	Unid	2 males	OF84wx	WIA
14053.8	3	2010	3	6	<07:35--08:22	<07:35--08:22 J3E/L	360 INS	Unid	Male-female, chat	OF84wx	WIA
14059.7	3	2010	3	24	<08:45>	<08:45> J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14060	3	2010	3	15	08:20--08:50	08:20--08:50 J3E/U	360 INS	Unid	Male-female	OF84wx	WIA
14060	3	2010	3	18	<08:48--08:53	<08:48--08:53 J3E/U	360 INS	Unid	Male-female	OF84wx	WIA

14060	3	2010	3	19	08:45--08:54	08:45--08:54 J3E/U	360	INS	Unid	Male-female	OF84wx	WIA	
14062.6	3	2010	3	20	<07:12--07:30	<07:12--07:30 J3E/L	315	CLN	Unid	group of males	OF84wx	WIA	
14062.6	3	2010	3	27	22:58--23:15	22:58--23:15 J3E/L	315	CLN	Unid	2 males	OF84wx	WIA	
14063	3	2010	3	22	22:55--23:33	22:55--23:33 J3E/L	315	CLN	Unid	Group of males	OF84wx	WIA	
14087	3	2010	3	16	<23:35--00:03	<23:35--00:03 J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14087	3	2010	3	18	<23:25--23:45	<23:25--23:45 J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14087	3	2010	3	21	<23:50-00:12>	<23:50-00:12> J3E/U	360		Unid	2 males, Chinese	OF84wx	WIA	
14090	3	2010	3	28	<08:12--09:03	<08:12--09:03 J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14092	3	2010	3	29	<22:50--23:04	<22:50--23:04 J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14094.8	3	2010	3	31	<08:45--09:10	<08:45--09:10 J3E/U	360	INS	Unid	2 males	OF84wx	WIA	
14098.6	3	2010	3	17	08:06--08:55	08:06--08:55 J3E/U	360		Unid	2 males, Chinese	OF84wx	WIA	
14100	3	2010	3	30	08:00--08:18	08:00--08:18 J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14100	3	2010	3	31	<23:30--23:43	<23:30--23:43 J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14101.1	3	2010	3	19	<07:38--08:00	<07:38--08:00 J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14101.7	3	2010	3	28	<08:10--08:15	<08:10--08:15 J3E/L	360	INS	Unid	Male-female	OF84wx	WIA	
14105	3	2010	3	23	08:10--08:32	08:10--08:32 J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14110.8	3	2010	3	24	22:50--23:16	22:50--23:16 J3E/L	315	CLN	Unid	2 males	OF84wx	WIA	
14112	3	2010	3	10	<04:15--04:30	<04:15--04:30 J3E/U	360	INS	Unid	Male-female	OF84wx	WIA	
14117.7	3	2010	3	8	03:25--05:10	03:25--05:10 J3E/L	360	INS	Unid	2 males	OF84wx	WIA	
14123	3	2010	3	16	<07:18--07:35	<07:18--07:35 J3E/L	360	INS	Unid	Male-female	OF84wx	WIA	
14132	3	2010	3	26	08:10--08:35	08:10--08:35 J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14135.1	1	2010	3	25	<0425-0537>	<0425-0537> F1B	75 ##		Unid	No decodes	QF22ml	WIA	VK3MV
14222	3	2010	3	18	<08:40-->	<08:40--> J3E/L	360		Unid	2 males Chinese	OF84wx	WIA	
14277.7	3	2010	3	1	00:32--00:51	00:32--00:51 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA	
14277.7	3	2010	3	1	00:14--00:19	00:14--00:19 J3E/U	360	INS	Unid	1 male calling, no reply	OF84wx	WIA	
14277.7	3	2010	3	2	00:24--00:43	00:24--00:43 J3E/U	360	INS	Unid	Group of males pass coded messages	OF84wx	WIA	
14277.7	3	2010	3	2	01:13--01:27	01:13--01:27 J3E/U	360	INS	Unid	Group of males pass coded messages	OF84wx	WIA	
14277.7	3	2010	3	3	00:50--01:47	00:50--01:47 J3E/U	360	INS	Unid	3 males on--off total 57min	OF84wx	WIA	
14277.7	3	2010	3	4	00:28--01:47	00:28--01:47 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA	
14277.7	3	2010	3	5	00:30--00:31	00:30--00:31 J3E/U	360	INS	Unid	Male-female, no messages	OF84wx	WIA	
14277.7	3	2010	3	5	01:13--01:24	01:13--01:24 J3E/U	360	INS	Unid	Group of males pass coded messages	OF84wx	WIA	
14277.7	3	2010	3	6	00:33--00:39	00:33--00:39 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA	
14277.7	3	2010	3	6	01:16--01:34	01:16--01:34 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA	

14277.7	3	2010	3	6	01:54--02:08	01:54--02:08 J3E/U	360	INS	Unid	2 males	OF84wx	WIA
14277.7	3	2010	3	7	01:00--01:12	01:00--01:12 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	8	00:43--01:27	00:43--01:27 J3E/U	360	INS	Unid	3 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	9	00:20--00:24	00:20--00:24 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	9	00:42--00:45	00:42--00:45 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	9	01:27--01:34	01:27--01:34 J3E/U	360	INS	Unid	1 male-1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	10	00:46--00:48	00:46--00:48 J3E/U	360	INS	Unid	Group of males	OF84wx	WIA
14277.7	3	2010	3	10	00:56--00:57	00:56--00:57 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	10	01:15--01:17	01:15--01:17 J3E/U	360	INS	Unid	1 male calling , no response	OF84wx	WIA
14277.7	3	2010	3	10	01:45--01:53	01:45--01:53 J3E/U	360	INS	Unid	male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	10	02:33--02:44	02:33--02:44 J3E/U	360	INS	Unid	3 males pass coded messags	OF84wx	WIA
14277.7	3	2010	3	10	02:51--02:54	02:51--02:54 J3E/U	360	INS	Unid	2 males	OF84wx	WIA
14277.7	3	2010	3	11	00:15--00:22	00:15--00:22 J3E/U	360	INS	Unid	2 males, 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	11	00:30--00:34	00:30--00:34 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	11	00:55--01:02	00:55--01:02 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	11	01:08--01:13	01:08--01:13 J3E/U	360	INS	Unid	male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	12	01:03--01:13	01:03--01:13 J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	12	01:37--01:57	01:37--01:57 J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	12	02:02--02:28	02:02--02:28 J3E/U	360	INS	Unid	4 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	13	01:02--01:04	01:02--01:04 J3E/U	360	INS	Unid	Male-female, no messages toda	OF84wx	WIA
14277.7	3	2010	3	14	01:21--01:22	01:21--01:22 J3E/U	360	INS	Unid	2 males. no messages toda	OF84wx	WIA
14277.7	3	2010	3	15	00:03--00:11	00:03--00:11 J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA

14277.7	3	2010	3	16	00:30--00:42	00:30--00:42 J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	16	01:06--01:45	01:06--01:45 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	17	00:25--00:31	00:25--00:31 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	17	01:25--01:34	01:25--01:34 J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	17	02:00--02:27	02:00--02:27 J3ER/U	360	INS	Unid	Grup of males 1 female pass coded messages	OF84wxc	WIA
14277.7	3	2010	3	18	00:14--00:27	00:14--00:27 J3E/U	360	INS	Unid	3 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	19	00:57--01:16	00:57--01:16 J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	19	01:31--01:47	01:31--01:47 J3E/U	360	INS	Unid	Group of males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	19	02:11--02:17	02:11--02:17 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	20	00:40--00:44	00:40--00:44 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	20	01:11--02:12	01:11--02:12 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	21	<01:35--01:36	<01:35--01:36 J3E/U	360	INS	Unid	2 males, no messages toda	OF84wx	WIA
14277.7	3	2010	3	22	00:32--00:40	00:32--00:40 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	22	00:45--00:46	00:45--00:46 J3E/U	360	INS	Unid	Male-female, no messages	OF84wx	WIA
14277.7	3	2010	3	22	00:50--01:06	00:50--01:06 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	22	01:25--02:03	01:25--02:03 J3E/U	360	INS	Unid	2 groups of males and females, great palaver!!	OF84wx	WIA
14277.7	3	2010	3	23	00:40--00:42	00:40--00:42 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	23	01:45--01:49	01:45--01:49 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	23	02:28--02:33	02:28--02:33 J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	24	00:29--00:37	00:29--00:37 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	24	01:07--01:20	01:07--01:20 J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA

14277.7	3	2010	3	25	01:13--01:20	01:13--01:20 J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	25	01:45--01:51	01:45--01:51 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	26	00:13--00:14	00:13--00:14 J3E/U	360	INS	Unid	1min	OF84wx	WIA
14277.7	3	2010	3	29	00:29--00:34	00:29--00:34 J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	29	00:46--00:51	00:46--00:51 J3E/U	360	INS	Unid	2 males	OF84wx	WIA
14277.7	3	2010	3	29	00:52--00:54	00:52--00:54 J3E/U	360	INS	Unid	Male-female	OF84wx	WIA
14277.7	3	2010	3	30	00:17--00:23	00:17--00:23 J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	30	00:33--00:42	00:33--00:42 J3E/U	360	INS	Unid	3 males pass coded messages	OF84wx	WIA
14277.7	3	2010	3	30	00:54--01:07	00:54--01:07 J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	3	31	00:26--00:30	00:26--00:30 J3E/U	360	INS	Unid	Female-male, pass coded messages	OF84wx	WIA
14277.7	3	2010	3	31	00:43--00:47	00:43--00:47 J3E/U	360	ins	Unid	2 males. pass coded messages	OF84wx	WIA
14278.5	3	2010	3	8	00:30- 00:50	00:30- 00:50 J3E/L	315	CLN	Unid	2 males	OF84wx	WIA
14278.5	3	2010	3	10	02:20--02:26	02:20--02:26 J3E/L	315	CLN	Unid	2 males	OF84wx	WIA
14300	3	2010	3	17	<08:00--08:28	<08:00--08:28 J3E/U	360		Unid	2 males, Chinese	OF84wx	WIA
14300	3	2010	3	19	<08:04--08:37	<08:04--08:37 J3E/U	360		Unid	2 males, Chinese	OF84wx	WIA
14301	3	2010	3	19	08:29--08:42	08:29--08:42 J3E/U	360		Unid	Group of males	OF84wx	WIA
14324	3	2010	3	16	<23:15--23:50>	<23:15--23:50> J3E/U	315	CLN	Unid	group of males	OF84wx	WIA
14333.3	3	2010	3	7	<23:25--23:31	<23:25--23:31 J3E/L	360		Unid	2 males, Chinese	OF84wx	WIA
28308	26	2010	03	28	02:16 <0216>	QXX				From 28302 to 28328 kHz	OL72	HARTS
7003		2010	03	02	<0240-0245>	<0240-0245> J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7007		2010	03	02	<0240-0245>	<0240-0245> J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7025		2010	03	02	<0240-0245>	<0240-0245> J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14014		2010	03	02	<0920-0930>	<0920-0930> J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI

14001.4	2010	03	02	<0930-0940>	<0930-0940>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14008.5	2010	03	04	<0245-0250>	<0245-0250>	J3E/U	CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI
7020.4	2010	03	05	<0245-0250>	<0245-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7030	2010	03	05	<0245-0250>	<0245-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7045	2010	03	05	<0245-0250>	<0245-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7050	2010	03	05	<0245-0250>	<0245-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7058	2010	03	05	<0245-0250>	<0245-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7025	2010	03	05	<0245-0250>	<0245-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7095	2010	03	05	<1240-1245>	<1240-1245>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7185.86	2010	03	06	<1240-1245>	<1240-1245>	A3E	BRM	BC	DOMESTIC BROADCASTING SERVICE	MK82	ARSI
7145.5	2010	03	06	<1240-1245>	<1240-1245>	A3E	LAO	BC	INTERNATIONAL SERVICE FROM LAOS	MK82	ARSI
7081.5	2010	03	06	<1245-1250>	<1245-1250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14000	2010	03	06	<1255-1300>	<1255-1300>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI



10115	2010	03	06	<1300-1310>	<1300-1310>	J3E/U	CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI
10122	2010	03	06	<1320-1330>	<1320-1330>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14015	2010	03	06	<2100-2120>	<2100-2120>	J3E/U	UNID	UNID	NON AMATEUR SPANISH SPEAKING OM- OM	MK82	ARSI
10101	2010	03	10	<2040-2050>	<2040-2050>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7000	2010	03	11	<0304-0310>	<0304-0310>	J3E/U	UNID	UNID	SYNTHESISED FEMALE VOICE "ECHO ZULU INDIA" MESSAGE 15"	MK82	ARSI
7030	2010	03	13	<0300-0310>	<0300-0310>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
71105	2010	03	13	<0300-0310>	<0300-0310>	A3E	ETH	BC	DOMESTIC BROADCASTING SERVICE	MK82	ARSI
14029	2010	03	17	<0030-0050>	<0030-0050>	J3E/U	UNID	UNID	NON AMATEUR SE ASIAN OM-OM CONVERSATION	MK82	ARSI
14001	2010	03	18	<0215-0220>	<0215-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
7007	2010	03	18	<0220-0230>	<0220-0230>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
71906	2010	03	18	<0220-0230>	<0220-0230>	A3E	CLN	SLBC	SOUTH ASAIAN SERVICE FROM SLBC- COLOMBO, SRI LANKA	MK82	ARSI
14014	2010	03	20	<0030-0050>	<0030-0050>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14001.4	2010	03	20	<1245-1250>	<1245-1250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI

14012	2010	03	21	<0250-0300>	<0250-0300>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
10147	2010	03	22	<0150-0200>	<0150-0200>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
21070.30	2010	03	22	<0940-1000>	<0940-1000>	XXX	UNID	UNID	OTHR FROM 21055 TO 21085 Khz.	MK82	ARSI
14034	2010	03	22	<1225-1235>	<1225-1235>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
10109	2010	03	22	<1225-1235>	<1225-1235>	J3E/U	CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI
10114.8	2010	03	22	<1225-1235>	<1225-1235>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14005	2010	03	25	<0510-0520>	<0510-0520>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
10109	2010	03	26	<0220-0230>	<0220-0230>	J3E/U	CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI
10121	2010	03	26	<0220-0230>	<0220-0230>	J3E/U	CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI
10102	2010	03	26	<0220-0230>	<0220-0230>	A1A	UNID	UNID	CYPHER GROUPS OF 5 CHARACTERS EACH GROUP	MK82	ARSI
14014	2010	03	26	<0250-0255>	<0250-0255>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14255.5	2010	03	27	<022500235>	<022500235>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14147	2010	03	27	<02350250>	<02350250>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI

14347	2010	03	27	<0250-0300>	<0250-0300>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14303	2010	03	27	<1130-1140>	<1130-1140>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14222	2010	03	27	<1130-1140>	<1130-1140>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14252.5	2010	03	27	<1330-1345>	<1330-1345>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14151.5	2010	03	28	<0210-0220>	<0210-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14347	2010	03	28	<0210-0220>	<0210-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14226	2010	03	28	<0215-0230>	<0215-0230>	J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14223	2010	03	28	<0230-0240>	<0230-0240>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
28365.5	2010	03	29	<0855-0900>	<0855-0900>	A3E	CHN	UNID	NON AMATEUR CHINESE SPEAKING STATIONS	MK82	ARSI
28485.5	2010	03	29	<0855-0900>	<0855-0900>	A3E	CHN	UNID	NON AMATEUR CHINESE SPEAKING STATIONS	MK82	ARSI
28705.5	2010	03	29	<0900-0910>	<0900-0910>	A3E	CHN	UNID	NON AMATEUR CHINESE SPEAKING STATIONS	MK82	ARSI
28015	2010	03	29	<095501005>	<095501005>	A3E	CHN	UNID	NON AMATEUR CHINESE SPEAKING STATIONS	MK82	ARSI
14050	2010	03	29	<1120-1130>	<1120-1130>	J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14235.5	2010	03	29	<1120-1130>	<1120-1130>	J3E/L	CHN	UNID	NON AMATEUR CHINESE SPEAKING STATIONS		

14025.57	2010	03	29	<1245-1250>	<1245-1250>	P0N		UNID	UNID	OTHR FROM 14022 TO 14029 Khz.		
21051	2010	03	29	<1245-1250>	<1245-1250>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS		
7000	2010	03	31	<0155-0205>	<0155-0205>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
28040	2010	03	31	<0905-0915>	<0905-0915>	A1A		UNID	"4NAY"	LONG LINE FISH NET BEACON -- 3 IDS IN SLOW CW		
3560	2010	03	DY	<0900>	0900-2100	A3E		KRE	R. Voice of Korea	B-C Station	RF72LQ	NZART ZL1BAD
7000	2010	03	DY	HX24	HX24	J3E/L/U		?	Unid	Non Amateurs	RF72LQ	NZART ZL1BAD
7000* 175	2010	03	DY	<1050>	1050-1930	PXX		CHN	Unid	Out of band OTHR with spill over to 7010 kHz	RF72LQ	NZART ZL1BAD
7005	2010	03	26	<1750>	1750	J3E/U		?	Unid	Non Amateurs Ladies singing and clapping - Sample recorded	RE66IM	NZART ZL2IFB
7005	2010	03	26	<1755>	1755	PXX		?	Unid	43 pps OTHR	RE66IM	NZART ZL2IFB
7008	2010	03	26	<1800>	1800	N0N		?	QORK	Rough tone followed by A1A ID then changes to RTTY	RE66IM	NZART ZL2IFB
7008	2010	03	26	<1805>	1820	F1B	150	?	QORK	RTTY 150 Shift	RE66IM	NZART ZL2IFB
7015 30	2010	03	05	<0930>	0930	PXX		?	Unid	3.5 P.P.S.	RF72LQ	NZART ZL1BAD
7010	2010	03	26	<1758>	1758	J3E/U		?	Unid	Non Amateurs Ladies and Men chatting - sample recorded	RE66IM	NZART ZL2IFB
7026 3.3	2010	03	03	<1915>	1915-2100	M7B		?	Unid	PHASE MOD. MULTI-CHANNEL	RF72LQ	NZART ZL1BAD
7026 3.3	2010	03	04	<1800>	1800-2130	M7B		?	Unid	PHASE MOD. MULTI-CHANNEL	RF72LQ	NZART ZL1BAD
7026 3.3	2010	03	05	<0600>	0600-0730	M7B		?	Unid	PHASE MOD. MULTI-CHANNEL	RF72LQ	NZART ZL1BAD
7026 3.3	2010	03	06	<0430>	0430-0700	M7B		?	Unid	AS ABOVE. 24 HRS DAILY UNTIL 18TH	RF72LQ	NZART ZL1BAD
7026 3.3	2010	03	18	<0400>	0400	M7B		?	Unid	PHASE MOD. MULTI-CHANNEL	RF72LQ	NZART ZL1BAD
7032 3.3	2010	03	18	<0740>	0740	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
7039.0	2010	03	DY	HX24	HX24	A1A		RUS	C	Moscow - Beacon C - RIW	RF72LQ	NZART ZL1BAD

7039	2010	03	DY	HX24	HX24	A1A		RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART ZL1BAD
7039	2010	03	DY	HX24	HX24	A1A		RUS	F	Vladivostok - Beacon F - RJS	RF72LQ	NZART ZL1BAD
7039	2010	03	DY	HX24	HX24	A1A		RUS	P	Kaliningrad - Beacon P - RMP	RF72LQ	NZART ZL1BAD
7039.4	2010	03	DY	HX24	HX24	A1A		RUS	M	Magadan - Beacon M - RTS	RF72LQ	NZART ZL1BAD
7039.3	2010	03	DY	HX24	HX24	A1A		RUS	K	Petropavlovsk - Beacon K - RCC	RF72LQ	NZART ZL1BAD
7039.9	2010	03	DY	HX24	HX24	A1A		RUS	S	Severomorsk - Beacon S - RIT	RF72LQ	NZART ZL1BAD
7042 3.3	2010	03	04	<1820>	1820	M7B		?	Unid	PHASE MOD. MULTI- CHANNEL CHANGE TO F7D @ 1900	RF72LQ	NZART ZL1BAD
7054	2010	03	DY	<0415>	0415-2030	F1B	250	RUS	Unid	Idling sigs only	RF72LQ	NZART ZL1BAD
7065 3.3	2010	03	04	<1800>	1800-2000	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
7095 3.3	2010	03	10	<0830>	0830	M7B		?	Unid	PHASE MOD. 16 CHNLS	RF72LQ	NZART ZL1BAD
7100	2010	03	DY	<1800>	1800-2000	A3E		KRE	R.Voice of Korea.	B.C. Stn. Pyongyang.	RF72LQ	NZART ZL1BAD
7110	2010	03	21	<0505>	0505	A3E		ETH	Unid	BC Suspected Radio Ethopia S7	RF73MF	NZART ZL1GWE
7110	2010	03	DY	<0415>	0415-0650	A3E		?	Unid	B-C STN.	RF72LQ	NZART ZL1BAD
7110 10	2010	03	DY	<1715>	1715-2000	A3E		?	Unid	B-C STN. GROSSLY OVER MODULATED	RF72LQ	NZART ZL1BAD
7122	2010	03	22	<1715>	1715-1725	F1B	250	RUS	Unid	RUSSIAN NAVAL SHORE STN.	RF72LQ	NZART ZL1BAD
7122	2010	03	25	<1910>	1910	F1B	250	RUS	Unid	RUSSIAN NAVAL SHORE STN.	RF72LQ	NZART ZL1BAD
7135	2010	03	25	<1745>	1745-1830	F1B	70 240	?	Unid	ENCRYPTED	RF72LQ	NZART ZL1BAD
7140	2010	03	DY	<0650>	0650-1930	A3E		KRE	R. PYONGYANG	B-C STN. STARTS AT 0650	RF72LQ	NZART ZL1BAD
7144	2010	03	25	<1720>	1720-1915	F1B/NON	200	?	Unid	INTERFERED WITH BY SPURS FROM 7110	RF72LQ	NZART ZL1BAD
7162	2010	03	05	<0610>	0610	F1B	250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
7162	2010	03	30	<0600>	0600	F1B	250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
7165	2010	03	DY	<0345>	0345-1735	A3E		?	Unid	B-C STN. CLOSES AT 1824	RF72LQ	NZART ZL1BAD
7172 3.3	2010	03	05	<0415>	0415-0500	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
7175	2010	03	DY	<1815>	1815-2000	A3E		?	Unid	B-C STN. CLOSES AT 2000. PROBABLY ARABIC LANGUAGE	RF72LQ	NZART ZL1BAD

7200	2010	03	21	<0510>	0510	A3E		RUS	Unid	Russian talk and music S9	RF73MF	NZART ZL1GWE
101105	2010	03	28	<0500>	0500-0630	G7D		?	Unid	OFDM with PSK Modulation S8 here - WebSDR Europe S9+	RF73MF	NZART ZL1GWE
101114	2010	03	21	<0513>	0513	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
1019883	2010	03	27	<0427>	0427-0545	G7D		?	Unid	OFDM with PSK Modulation S8 here - WebSDR Europe S9+	RF73MF	NZART ZL1GWE
140036	2010	03	27	<0538>	0538	PXX	300	?	Unid	OTHR S6	RF73MF	NZART ZL1GWE
140556	2010	03	21	<0518>	0518	PXX	300	?	Unid	OTHR S7 discernable despite CW contest	RF73MF	NZART ZL1GWE
14055.55	2010	03	27	<0538>	0538	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
141076	2010	03	27	<0538>	0538	PXX	300	?	Unid	OTHR S6	RF73MF	NZART ZL1GWE
14109.55.5	2010	03	21	<0521>	0521	PXX	300	?	Unid	OTHR S8 QSB Static crashes	RF73MF	NZART ZL1GWE
14159.57	2010	03	21	<0523>	0523	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
141616	2010	03	27	<0538>	0538	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
142128	2010	03	21	<0525>	0525	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
14232.55	2010	03	27	<0544>	0544	PXX	300	?	Unid	OTHR S8	RF73MF	NZART ZL1GWE
142658	2010	03	21	<0527	0527	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
143188	2010	03	21	<0528>	0528	PXX	300	?	Unid	OTHR S7	RF73MF	NZART ZL1GWE
14318.59	2010	03	27	<0545>	0545	PXX	300	?	Unid	OTHR S8	RF73MF	NZART ZL1GWE
140053.3	2010	03	03	<0715>	0715-0800	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
14008	2010	03	03	<0755>	0755	F1B	50 250	RUS	Unid	RUSSIAN NAVAL SHORE STN	RF72LQ	NZART ZL1BAD
14008	2010	03	07	<0835>	0835	F1B	50 250	RUS	Unid	RUSSIAN NAVAL SHORE STN	RF72LQ	NZART ZL1BAD
14016	2010	03	04	<0925>	0925	F1B	82 500	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
14016	2010	03	18	<0740>	0740	F1B	82 500	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
14027.9	2010	03	29	<0900>	0900	F1B	250 300	?	Unid	RTTY S7	RE66IM	NZART ZL2IFB
14028	2010	03	01	<0700>	0700-0915	F1B	250	?	Unid	Encrypted. DAILY UNTIL 18TH	RF72LQ	NZART ZL1BAD
141143.3	2010	03	18	<0740>	0740-0830	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
14120	2010	03	29	<0845>	0845	F1B	250	?	Unid	IDLING	RF72LQ	NZART ZL1BAD
14038	2010	03	01	<0915>	0915	F7D		?	Unid	8 CHANNELS. IDLING	RF72LQ	NZART ZL1BAD
14038	2010	03	02	<0915>	0915	F7D		?	Unid	8 CHANNELS. IDLING	RF72LQ	NZART ZL1BAD
14135	2010	03	04	<0700>	0700-0915	F1B	70 250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
14135	2010	03	25	<1745>	1745-1830	F1B	70 250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD

1416530	2010	03	11	<0325>	0325-0430	PXX		?	Unid	4 SEC. BURST EVERY 25 SECS.	RF72LQ	NZART ZL1BAD
142003.3	2010	03	03	<1930>	1930	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
142003.3	2010	03	04	<1840>	1840-1915	M7B		?	Unid	PHASE MOD. 16 CHANNELS	RF72LQ	NZART ZL1BAD
14216	2010	03	03	<1935>	1935	F1B	250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
14240	2010	03	10	<0815>	0815-0900	F1B	250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
14250	2010	03	DY	<0800>	0800	A3E		KRE	R.PYONGYANG	SIMO. 2850 KHZ	RF72LQ	NZART ZL1BAD
14280	2010	03	DY	<0650>	0650-0845	A3E		KRE	R. KOREA	2f 7140 KHZ. STARTS AT 0650	RF72LQ	NZART ZL1BAD
1807020	2010	03	19	<0345>	0345-0405	PXX		?	Unid	2 SEC. BURST EVERY 30 SECS.	RF72LQ	NZART ZL1BAD
18107	2010	03	DY	HX24	HX24	F1B	250	RUS	Unid	RUSSIAN MARITIME SHORE STN	RF72LQ	NZART ZL1BAD
18136	2010	03	13	<0630>	0630	F1B	250	?	Unid	Encrypted	RF72LQ	NZART ZL1BAD
18138	2010	03	10	<0800>	0800-0900	F7D		RUS	Unid	8 CHANNEL - IDLING ONLY	RF72LQ	NZART ZL1BAD
21001	2010	03	01	<0640>	0640-0730	F1D	250 290	?	Unid	RTTY S6 fades to S3 by 0730	RF80HL	NZART ZL2IFB
21001	2010	03	01	<0701>	0701	F1D	315	?	Unid	RTTY S1 QSB	RE66IM	NZART ZL3NB
21001	2010	03	23	<0852>	0852	F1D	250 290	?	Unid	RTTY S5	RE66IM	NZART ZL2IFB
21001	2010	03	28	<0617>	0617	F1D	300	?	Unid	RTTY signal Region 1 and Region 3 are hearing this	RF73MF	NZART ZL1GWE
21001.5	2010	03	24	<0807>	0807	F1D	285	?	Unid	RTTY signal S5 Region 1 and Region 3 tracing signal	RE66IM	NZART ZL2IFB
2118824	2010	03	28	<0617>	0617	PXX		?	Unid	OTHR S7 stopped just as I found it	RF73MF	NZART ZL1GWE
21288	2010	03	21	<0540>	0540	N0N		?	Unid	N0N Carrier appears to be vertical polarised 360 degrees not local QRM S6	RF73MF	NZART ZL1GWE
24900200	2010	03	29	<0630>	0630-0700	PXX		CHN	Unid	OTHR Hainan Island	RF72LQ	NZART ZL1BAD
24947	2010	03	27	<0650>	0650-0700	F3E		?	Unid	NON-AMATEURS USING F.M. Tx's.	RF72LQ	NZART ZL1BAD
24895	2010	03	24	<0145>	0145-0150	VXX		?	Unid	CODAR 2PPS S2	RE66IM	NZART ZL2IFB
24953	2010	03	27	<0521>	0521	N0N		?	Unid	N0N Cber PLL splashes	RF73MF	NZART ZL1GWE
24960	2010	03	27	<0515>	0515	N0N		?	Unid	Suspect Cber PLL possibly Chinese	RF73MF	NZART ZL1GWE
24988	2010	03	21	<0547>	0547-0557	A3E		?	Unid	AM transmissions non amateurs -60db Suspected Chinese	RF73MF	NZART ZL1GWE

28000	2010	03	22	<0222>	0222-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28025	2010	03	22	<0222>	0222-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28050	2010	03	22	<0222>	0222-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28051	2010	03	14	<0300>	0300	F1B		?	Unid	RTTY Commercial	RF73MF	NZART ZL1GWE
28052	2010	03	28	<0600>	0600	A3E	330	?	Unid	Non-AMATEURS USING AM Txers - fishing boats with Cber PLL splashes	RF73MF	NZART ZL1GWE
28100	2010	03	22	<0222>	0222-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28150	2010	03	22	<0222>	0222-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28200	2010	03	22	<0222>	0222-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28215	2010	03	22	<0200>	0200-0322	A3E	290	?	Unid	Non Amateurs Sporadic E DU and VK open	RF80HL	NZART ZL2IFB
28216	2010	03	14	<0350>	0350	A3E			Unid	Non-Amateur	RF73MF	NZART ZL1GWE
28226	2010	03	28	<0600>	0600	A3E		?	Unid	Non-Amateurs using AM Txers	RF73MF	NZART ZL1GWE
35603	2010	3	01	0934		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35603	2010	3	01	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35605	2010	3	01	1604		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35605	2010	3	01	2012		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35603537	2010	3	01	21:00	<21:00>	A3E 3			KRE	VOICE,MUSIC	JARL	
35603	2010	3	02	0914		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35605	2010	3	02	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35605	2010	3	02	1428		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35605	2010	3	02	1606		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35605	2010	3	02	1814		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
35605	2010	3	03	1018		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35603	2010	3	03	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35605	2010	3	03	1604		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35605	2010	3	03	2030		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35603537	2010	3	03	22:44	<22:44>	A3E 3			KRE	VOICE	JARL	
35603	2010	3	04	0920		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35603	2010	3	04	1212		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
35605	2010	3	04	1604		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
35605	2010	3	04	1814		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang



3560 3537	2010	3	04	21:07	<21:07>	A3E 3		KRE		VOICE		JARL	
3560 3	2010	3	05	0916		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 3	2010	3	05	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	05	1604	anytime	A3E	321	KRE	Vo Korea	French Talk and Music	PM97	JARL	Kujang
3560 5	2010	3	05	1822		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560 3537	2010	3	05	21:51	<21:51>	A3E 3		KRE		VOICE,MUSIC		JARL	
3560 3	2010	3	06	1024		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 3	2010	3	06	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	06	1920		A3E	321	KRE	Vo Korea	Spanish Talk and Music		JARL	Kujang
3560 5	2010	3	07	1216		A3E	321	KRE	Vo Korea	Beacon		JARL	Kujang
3560 5	2010	3	07	1608		A3E	321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560 5	2010	3	07	1822		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560 5	2010	3	08	1022		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	08	1218		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	08	1606		A3E	321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560 5	2010	3	08	1808		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560 3	2010	3	09	0924	anytime	A3E	321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
3560 3	2010	3	09	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	09	1606		A3E	321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560 5	2010	3	09	1904		A3E	321	KRE	Vo Korea	Spanish Talk and Music		JARL	Kujang
3560 3	2010	3	10	0924		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	10	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	10	1608		A3E	321	KRE	C--signal	French Talk and Music		JARL	Kujang
3560 5	2010	3	10	1806		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560 5	2010	3	10	1916		A3E	321	KRE	Vo Korea	Spanish Talk and Music		JARL	Kujang
3560 3537	2010	3	10	21:18	<21:18>	A3E 3		KRE		VOICE		JARL	
3560 3	2010	3	11	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	11	1606		A3E	321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560 5	2010	3	11	1808		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560 3537	2010	3	11	21:00	<21:00>	A3E 3		KRE		VOICE,MUSIC		JARL	
3560 3	2010	3	12	0926	anytime	A3E	321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
3560 3	2010	3	12	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	12	1608		A3E	321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560 5	2010	3	12	1820		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
3560 5	2010	3	13	1012		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	13	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 5	2010	3	13	1606		A3E	321	KRE	Vo Korea	French Talk and Music		JARL	Kujang
3560 5	2010	3	13	1914		A3E	321	KRE	Vo Korea	Spanish Talk and Music		JARL	Kujang
3560 3	2010	3	14	1014		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
3560 3	2010	3	14	1218		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang

3560 5	2010	3	14	1608	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	14	1822	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	14	1912	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560 3	2010	3	15	0926	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 3	2010	3	15	1218	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	15	1610	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	15	1820	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 3	2010	3	16	0930	A3E	321	RUS	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 3	2010	3	16	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	16	1608	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	16	1818	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	16	1914	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560 3	2010	3	17	1020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	17	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	17	1608	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	17	1812	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	17	1920	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560 5	2010	3	18	1232	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	18	1546	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
									Korean Talk and Music 16:00 UTC Time signal 3+1 on Time	JARL	non
3560 3	2010	3	18	1558	A3E	non	non	non		JARL	non
3560 5	2010	3	18	1606	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 3	2010	3	18	1608	A3E	non	non	non	Korean Talk and Music	JARL	non
									Korean Talk and Music 17:00 UTC Time signal 3+1 on Time	JARL	non
3560 3	2010	3	18	1658	A3E	non	non	non		JARL	non
3560 5	2010	3	18	1702	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
									Korean Talk and Music 18:00 UTC Time signal 3+1 on Time	JARL	non
3560 3	2010	3	18	1758	A3E	non	non	non		JARL	non
3560 5	2010	3	18	1802	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 3	2010	3	19	1020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	19	1214	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	19	1608	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	19	1810	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 3	2010	3	20	1022	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 3	2010	3	20	1218	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	20	2006	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 3	2010	3	21	1022	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang

3560 5	2010	3	21	1216		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	21	1610		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	21	1810		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	21	1920		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560 3	2010	3	22	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	22	1944		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560 5	2010	3	22	2014		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	23	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	23	1610		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	23	1826		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	23	2014		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 3	2010	3	24	1014		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	24	1214		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	24	1610	anytime	A3E	321	KRE	Vo Korea	French Talk and Music	PM97	JARL	Kujang
3560 5	2010	3	24	1816		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	24	1916		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560 3	2010	3	25	1016		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	25	1218		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	25	1608		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	25	1816		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	25	1916		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560 3	2010	3	26	1014		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	26	1220		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	26	1610		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	26	1816		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	26	1916		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560 3	2010	3	27	1016		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	27	1212		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	27	1606		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	27	1810		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	27	1912		A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang	
3560 3	2010	3	28	1014		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 3	2010	3	28	1224		A3E	321	KRE	Vo Korea	Beacon	JARL	Kujang	
3560 5	2010	3	28	1310		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	28	1508		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
3560 5	2010	3	28	1610		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
3560 5	2010	3	28	1704		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 5	2010	3	28	1802		A3E	non	CHN	non	Chainese Talk and Music	JARL	non	
3560 3	2010	3	29	1012		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
3560 3	2010	3	29	1116		A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang	

3560 5	2010	3	29	1210	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	29	1302	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	29	1610	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	29	1804	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	29	1910	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560 3	2010	3	30	1012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	30	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	30	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	30	1802	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	30	1910	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560 3	2010	3	31	0908	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	31	1010	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	31	1108	A3E	321	KRE	Vo Korea	Chainese Talk and Music	JARL	Kujang
3560 5	2010	3	31	1210	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560 5	2010	3	31	1526	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 5	2010	3	31	1606	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560 5	2010	3	31	1804	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560 3537	2010	3	31	20:36	A3E 3		KRE		VOICE,MUSIC	JARL	
7008 3	2010	3	26	1822	F1B	non non non	non	non	now on air	JARL	non
7008 3	2010	3	26	1914	F1B	non non non	non	non	now on air	JARL	non
7018 36	2010	3	02	1818	PXX		non	non	7000KHz ~ 7036KHz wide pulse mode PXX OTHR ?	JARL	non
7024 36	2010	3	05	0918	PXX		non	non	7006KHz ~ 7042KHz wide pulse mode PXX OTHR ?	JARL	non
7039 0.5	2010	3	01	0012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	0106	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	0204	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	0332	A1A	15	KRE	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	0716	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	0926	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	1206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039 0.5	2010	3	01	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039 0.5	2010	3	01	2234	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	01	2344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	02	0012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	02	0122	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	02	0336	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	02	0908	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039 0.5	2010	3	02	0910	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs

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7039.5	2010	3	02	1210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	02	1212	anytime	A1A	314	RUS	K--signal	Beacon	PM97	JARL	Petropavlovs
7039.5	2010	3	02	1424		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	02	1430		A1A	314	RUS	K--signal	Beacon		JARL	Magadan
7039.5	2010	3	02	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	02	1604		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	02	1816		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	02	2238		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	02	2312		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	0022		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	0112		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	0232		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	0342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	1014		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	1610		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	03	2038		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	2224		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	03	2342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	04	0032		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	04	0342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	04	0914		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	04	1208		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	04	1602		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	04	1816		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	04	2248		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	04	2304		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	0122		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	0338		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	0912		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	0914		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	05	1212		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	1214		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	05	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	1610		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	05	1824		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.5	2010	3	05	2240		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	05	2324		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	06	0142		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.5	2010	3	06	0322		A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039.0.5	2010	3	06	1016	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	06	1018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	06	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	06	1922	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	06	1924	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	06	2238	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	06	2312	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	0232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	07	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	07	1824	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	1826	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	07	2246	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	07	2328	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	0008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	1016	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	1018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	08	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	1214	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	08	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	08	1812	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	08	2244	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	08	2304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	0122	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	0338	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	0918	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	0920	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	09	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	09	1906	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	09	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	09	2346	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	0022	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039.0.5	2010	3	10	0920	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	0922	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	10	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	1220	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	10	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	10	1808	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	1810	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	10	1814	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039.0.5	2010	3	10	1918	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	1920	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	10	1922	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039.0.5	2010	3	10	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	10	2338	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	0018	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	0716	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	0718	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	11	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	11	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	11	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	1812	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	11	1816	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039.0.5	2010	3	11	2216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	11	2336	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	0020	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	0920	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	0922	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	12	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	12	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	12	1814	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	1816	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	12	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	12	2306	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	13	0014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039.0.5	2010	3	13	0132		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	0342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	1008		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	1020		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	13	1208		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	1210		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	13	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	1604		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	13	1918		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	1920		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	13	1924	anytime	A1A	325	RUS	C--signal	Beacon	PM97	JARL	Moscow
7039.0.5	2010	3	13	2240		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	13	2326		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	0032		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	0342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	1010		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	1012		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	14	1212		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	1214		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	14	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	1604		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	14	1826		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	14	1916		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	14	2230		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	14	2342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	15	0006		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	15	0914		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	15	0916		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	15	1210		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	15	1212		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	15	1214		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	15	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	15	1604		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	15	1606		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	15	1814		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	15	1816		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	15	1818		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	15	1824		A1A	325	RUS	C--signal	Beacon		JARL	Moscow
7039.0.5	2010	3	15	2238		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	15	2240		A1A	15	RUS	M--signal	Beacon		JARL	Magadan



7039.0.5	2010	3	15	2316		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	15	2318		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	0022		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	0024		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	0112		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	0114		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	0344		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	0346		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	0922		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	0924		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	1208		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	1210		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	1212		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	16	1602		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	1604	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.0.5	2010	3	16	1612		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	16	1812		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	1814		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	1816		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	16	1822		A1A	325	RUS	C--signal	Beacon		JARL	Moscow
7039.0.5	2010	3	16	1906		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	1908		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	1910		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	16	2218		A1A	321	RUS	F--signal	Beacon		JARL	Vladivostok
7039.0.5	2010	3	16	2220		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	16	2336		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	0024		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	0332		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	1014		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	1016		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	17	1210		A1E	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	1212		A1E	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	17	1602		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	1604		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	17	1808		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039.0.5	2010	3	17	1810		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	17	1816		A1A	325	RUS	C--signal	Beacon		JARL	Moscow
7039.0.5	2010	3	17	1916	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.0.5	2010	3	17	1918		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039.0.5	2010	3	17	2238		A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039.5	2010	3	17	2322		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	0008		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	0344		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	0730		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	0732		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	18	0734		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	18	1226		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	1228		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	18	1602		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	1604		A1A	314	RUS	M--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	18	1704		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	1706		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	18	1806		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	1808		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	18	1812		A1A	334	RUS	S--signal	Beacon	JARL	Murmansk	
7039.5	2010	3	18	2228		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	18	2230		A1A	321	RUS	F--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	19	0132	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.5	2010	3	19	0134		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	19	0722		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	0724		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	19	1014		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	1016		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	19	1208		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	1210		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	19	1602		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	1604		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	19	1804		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	1806		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.5	2010	3	19	1814		A1A	325	RUS	C--signal	Beacon	JARL	Moscow	
7039.5	2010	3	19	2212		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	2214		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	19	2336		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	19	2338		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	20	0144		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	20	0146		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	20	0312		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	20	0314		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.5	2010	3	20	0708		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.5	2010	3	20	0710		A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	

7039.0.5	2010	3	20	1014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	20	1016	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	20	1018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	20	1210	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	20	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	20	1214	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	20	2012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	20	2014	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	20	2018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	20	2240	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	20	2242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	20	2312	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	20	2314	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	21	0234	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	0236	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	21	0706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	0708	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok	
7039.0.5	2010	3	21	1016	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	1018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	21	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	21	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	21	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	1808	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	21	1814	A1A	325	RUS	C--signal	Beacon	JARL	Moscow	
7039.0.5	2010	3	21	1912	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	1914	anytime	A1A	314	RUS	K--signal	PM97	JARL	Petropavlovs
7039.0.5	2010	3	21	1916	A1A	325	RUS	C--signal	Beacon	JARL	Moscow	
7039.0.5	2010	3	21	2244	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	21	2328	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	22	0112	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	22	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	22	0726	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	22	1940	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	22	1942	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	22	1948	A1A	325	RUS	C--signal	Beacon	JARL	Moscow	
7039.0.5	2010	3	22	2010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	22	2012	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	22	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	

7039.0.5	2010	3	22	2216	A1A	321	RUS	F--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	22	2308	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	22	2310	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039.0.5	2010	3	23	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.15	2010	3	23	0722	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	23	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	23	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	23	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	23	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	23	1822	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	23	1824	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	23	1830	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039.0.5	2010	3	23	2010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	23	2012	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	23	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	23	2218	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039.0.5	2010	3	23	2312	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	0022	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	1008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	1010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	24	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	24	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	24	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	1812	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	24	1910	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	1912	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	24	2242	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	24	2244	A1A	321	RUS	F--signal	Beacon	JARL	Vladivostok
7039.0.5	2010	3	24	2334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	25	0008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	25	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	25	0714	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	25	1010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	25	1012	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	25	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	25	1214	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	25	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039.0.5	2010	3	25	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	25	1810	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	25	1812	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	25	1912	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	25	2232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	25	2314	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	0032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	0712	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	1010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	1212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	26	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	26	1812	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	1814	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	26	1908	A3E	314	RUS	K--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	26	1910	A3E	321	KRE	Vo Korea	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	26	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	2334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	0014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	0334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	0706	anytime	A1A	15	RUS	M--signal	PM97	JARL	Magadan
7039.0.5	2010	3	27	1012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	1908	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	2236	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	27	2344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	0122	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	0212	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	0306	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	1010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	1216	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	1218	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	28	1304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.0.5	2010	3	28	1306	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039.0.5	2010	3	28	1504	anytime	A1A	15	RUS	M--signal	PM97	JARL	Magadan
7039.0.5	2010	3	28	1506	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	

7039.0.5	2010	3	28	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	28	1606	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	28	1702	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	28	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	28	2230	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	28	2312	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0022	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0108	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0204	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0332	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0712	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0804	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0906	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	0908	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1004	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1006	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1108	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1110	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1306	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1808	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	1902	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	1904	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	29	2210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	29	2304	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	0004	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	0114	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	0204	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	0336	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	0712	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	1006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	1008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	30	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039.0.5	2010	3	30	1212	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039.0.5	2010	3	30	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs

7039.5	2010	3	30	1806	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs			
7039.5	2010	3	30	1914	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs			
7039.5	2010	3	30	2206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	30	2302	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0122	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0218	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0316	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0712	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	0904	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1104	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs			
7039.5	2010	3	31	1524	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1604	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs			
7039.5	2010	3	31	1806	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	1808	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs			
7039.5	2010	3	31	2226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan			
7039.5	2010	3	31	2310	anytime	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan	
7065.3	2010	3	12	1810	A3E	non	non	non	unknown	Talk and Music	JARL	non		
7084.36	2010	3	09	1550	PXX	non	non	non	7066KHz ~ 7102KHz wide pulse mode PXX	OTHR ?	JARL	non		
7084.36	2010	3	09	1614	PXX	non	non	non	7066KHz ~ 7102KHz wide pulse mode PXX	OTHR ?	JARL	non		
7084.36	2010	3	30	1218	PXX	non	non	non	7066KHz ~ 7102KHz wide pulse mode PXX	OTHR ?	JARL	non		
7088.36	2010	3	14	1828	PXX	non	non	non	7070KHz ~ 7106KHz wide pulse mode PXX	OTHR ?	JARL	non		
7096.36	2010	3	15	0918	PXX	non	non	non	7080KHz ~ 7116KHz wide pulse mode PXX	OTHR ?	JARL	non		
7100.5	2010	3	01	2018	A3E	321	KRE	Vo Korea	French	Talk and Music	JARL	Kujang		
7100.5	2010	3	02	1812	A3E	321	KRE	Vo Korea	French	Talk and Music	JARL	Kujang		
7100.5	2010	3	03	2032	A3E	321	KRE	Vo Korea	Korean	Talk and Music	JARL	Kujang		
7100.5	2010	3	04	1812	A3E	321	KRE	Vo Korea	French	Talk and Music	JARL	Kujang		
7100.5	2010	3	05	1820	A3E	321	KRE	Vo Korea	French	Talk and Music	JARL	Kujang		
7100.5	2010	3	06	1918	A3E	321	KRE	Vo Korea	English	Talk and Music	JARL	Kujang		
7100.5	2010	3	07	1820	anytime	A3E	321	KRE	Vo Korea	French	Talk and Music	PM97	JARL	Kujang

71005	2010	3	08	1806	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	09	1902	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	10	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71003	2010	3	10	1910	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	11	1806	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71003	2010	3	12	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	13	1912	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	14	1820	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	14	1910	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	15	1810	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	16	1810	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	16	1904	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	17	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71003	2010	3	17	1912	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	18	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	19	1802	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	20	2004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71005	2010	3	21	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	21	1910	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	22	1934	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	22	2004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71005	2010	3	23	1818	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	23	2004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71005	2010	3	24	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	24	1902	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	25	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	25	1910	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	26	1806	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	26	1906	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71005	2010	3	27	1804	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
71005	2010	3	27	1906	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71055	2010	3	01	2224	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
71053	2010	3	01	2226	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
71055	2010	3	02	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
71053	2010	3	02	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
71055	2010	3	03	2216	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
71053	2010	3	03	2218	anytime	A3E	non	CHN	non	Chinese Talk and Music	PM97	non
71055	2010	3	04	2240	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
71053	2010	3	04	2242	A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
71055	2010	3	05	2232	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	



71053	2010	3	05	2234	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	06	2232	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	06	2234	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	07	2238	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	07	2240	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	08	2236	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	08	2238	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	08	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 2sec late after QRT	JARL	Hohhot
71055	2010	3	09	2212	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	09	2214	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	10	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	10	2210	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	11	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	11	2210	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	12	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	12	2212	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	13	2232	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	13	2234	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	14	2222	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	14	2224	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	15	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	15	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	16	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	16	2212	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	17	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	17	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	18	2220	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	18	2222	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	19	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	19	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	20	2232	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	20	2234	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71055	2010	3	21	2234	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	21	2236	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
71051	2010	3	22	2155	A0N	non	non	non	no modulation 21:55 UTC on air	JARL	non
71055	2010	3	22	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
71053	2010	3	22	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non

71055	2010	3	22	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 2sec late after QRT	JARL	Hohhot		
71051	2010	3	23	2157	A0N	non	CHN	non	no modulation 21:57:28 UTC on air	JARL	non		
71055	2010	3	23	2159	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	23	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	23	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Time signal 5+1 2sec late after QRT	JARL	Hohhot		
71055	2010	3	24	2232	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	24	2234	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	25	2224	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	25	2226	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	26	2212	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	26	2214	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	27	2224	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	27	2226	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	28	2220	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	28	2222	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	29	2159	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC no time signal	JARL	Hohhot		
71053	2010	3	29	2202	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	29	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Timesignal 5+1 2sec late after QRT	JARL	Hohhot		
71051	2010	3	30	2156	A0N	non	CHN	non	no modulation	JARL	non		
71055	2010	3	30	2159	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Program start	JARL	Hohhot		
71053	2010	3	30	2200	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	30	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00UTC Timesignal 5+1 2sec late after QRT	JARL	Hohhot		
71055	2010	3	31	2218	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71053	2010	3	31	2220	A3E	non	CHN	non	Chinese Talk and Music	JARL	non		
71055	2010	3	31	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot		
71103	2010	3	10	1912	anytime	A3E	non	non	non	unknown Talk and Music	PM97	JARL	non
71103	2010	3	12	1806	anytime	A3E	non	non	non	unknown Talk and Music		JARL	non
71103	2010	3	17	1914	anytime	A3E	non	non	non	unknown Talk and Music		JARL	non
71103	2010	3	24	1904	anytime	A3E	non	non	non	unknown Talk and Music		JARL	non

71103	2010	3	29	1906		A1A	non	non	non	unknown	Talk and Music	JARL	non	
71405	2010	3	01	0010	anytime	A3E	321	KRE	Vo Korea	Korean	Talk and Music	PM97	JARL	Kujang
71405	2010	3	01	0104		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	01	0202		A3E	321	RUS	Vo Korea	Chinese	Talk and Music		JARL	Kujang
71405	2010	3	01	0330		A3E	321	RUS	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	01	0714		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71405	2010	3	01	0924		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71405	2010	3	01	1204		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	01	1556		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	01	2014		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	02	0010		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71405	2010	3	02	0120		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	02	0334		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	02	0904		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71405	2010	3	02	1206		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	02	1420		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71403	2010	3	02	1556		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	03	0020		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71405	2010	3	03	0110		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	03	0230		A3E	321	KRE	Vo Korea	Chinese	Talk and Music		JARL	Kujang
71405	2010	3	03	0340		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	03	1010		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	03	1202		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	03	1204		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71403	2010	3	03	1556		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71403	2010	3	03	2034		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	04	0030		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71405	2010	3	04	0340		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	04	0910		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	04	1556		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	05	0120		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	05	0336		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	05	0908		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	05	1204		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	05	1206		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	05	1558		A3E	352	RUS	NVK R Sakha	Russian	Talk and Music		JARL	Yakutsk
71405	2010	3	06	0140		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	06	0320		A3E	321	KRE	Vo Korea	English	Talk and Music		JARL	Kujang
71405	2010	3	06	1010		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang
71403	2010	3	06	1204		A3E	321	KRE	Vo Korea	Korean	Talk and Music		JARL	Kujang

71403	2010	3	06	1206	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	07	0230	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71405	2010	3	07	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	07	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	07	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	08	0006	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	08	0332	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	08	1010	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	08	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	08	1206	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71403	2010	3	08	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	09	0120	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	09	0336	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	09	0912	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	09	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	09	1206	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71403	2010	3	09	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	10	0020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	10	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	10	0916	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	10	1208	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	10	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	11	0016	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	11	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	11	0710	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	11	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	11	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	12	0018	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	12	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	12	0916	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	12	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71403	2010	3	12	1208	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71403	2010	3	12	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	13	0012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	13	0130	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	13	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
71405	2010	3	13	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	13	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71405	2010	3	13	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
71405	2010	3	14	0030	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang

71405	2010	3	14	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	14	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	14	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	14	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	15	0004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	15	0912	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	15	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	15	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	16	0020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	16	0110	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	16	0342	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	16	0920	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	16	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	16	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	17	0022	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	17	0330	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	17	1010	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	17	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	17	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	18	0006	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	18	0342	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	18	0726	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	18	1220	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	18	1222	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	18	1550	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	19	0130	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	19	0720	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	19	1010	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	19	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	19	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	20	0142	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	20	0310	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	20	0706	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	20	1010	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	20	1206	anytime	A3E	321	KRE	Vo Korea	PM97	JARL	Kujang
71403	2010	3	20	2008	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	21	0232	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71405	2010	3	21	0704	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	21	1012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	21	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	

71403	2010	3	21	1556	A3E	353	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	22	0010	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	22	0332	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	22	0724	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	22	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	22	1208	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	22	2006	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	23	0020	A3E	321	RUS	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	23	0136	A3E	321	RUS	Vo Korea	English Talk and Music	JARL	Kujang	
71403	2010	3	23	0342	A3E	321	RUS	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	23	0720	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	23	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	23	1208	anytime	A3E	352	RUS	NVK R Sakha	PM97	JARL	Yakutsk
71403	2010	3	23	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	23	2006	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	24	0020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	24	0340	A3E	321	RUS	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	24	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	24	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	24	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	25	0006	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	25	0332	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	25	0712	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	25	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	25	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	25	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	26	0030	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	26	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	26	0710	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	26	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	26	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	26	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	27	0012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	27	0332	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	27	0704	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	27	1008	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71405	2010	3	27	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	27	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71405	2010	3	28	0120	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	28	0210	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	

71405	2010	3	28	0304	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
71405	2010	3	28	1006	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	28	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71403	2010	3	28	1206	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	29	1216	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	29	1310	anytime	A3E	352	RUS	NVK R Sakha	PM97	JARL	Yakutsk
71403	2010	3	29	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	30	1206	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	30	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
71403	2010	3	31	1230	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
714436	2010	3	26	1818	PXX	non	non	non	7126KHz ~ 7162KHz wide pulse mode PXX OTHR ?	JARL	non	
714436	2010	3	26	1918	PXX	non	non	non	7126KHz ~ 7162KHz wide pulse mode PXX OTHR ?	JARL	non	
71653	2010	3	09	1546	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	09	1610	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	15	1812	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	17	1806	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	19	1756	A3E	non	non	non	unknown Talk and Music 18:00 UTC no Time signal	JARL	non	
71653	2010	3	23	1820	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	25	1806	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	26	1808	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	29	1810	A3E	non	non	non	unknown Talk and Music	JARL	non	
71653	2010	3	31	1520	A3E	non	non	non	unknown Talk and Music	JARL	non	
71753	2010	3	16	1920	A3E	non	non	non	unknown Talk and Music	JARL	non	
71753	2010	3	22	1936	A3E	non	non	non	unknown Talk and Music	JARL	non	
71753	2010	3	24	1806	A3E	non	non	non	unknown Talk and Music	JARL	non	
71805	2010	3	01	2228	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71805	2010	3	01	2342	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71805	2010	3	02	2234	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71805	2010	3	02	2310	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71805	2010	3	03	2220	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71805	2010	3	03	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71805	2010	3	04	2244	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71805	2010	3	04	2302	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71805	2010	3	05	2236	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71805	2010	3	05	2320	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
71805	2010	3	06	2236	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
71805	2010	3	06	2310	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	

71805	2010	3	07	2242	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	07	2326	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	08	2240	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	08	2302	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	09	2216	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	09	2344	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	10	2212	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	10	2336	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	11	2212	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	11	2334	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	12	2216	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	12	2304	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	13	2236	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	13	2324	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	14	2226	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	14	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	15	2234	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	15	2314	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	16	2214	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	16	2334	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	17	2234	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	17	2320	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	18	2224	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	19	2208	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	19	2334	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	20	2236	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	20	2310	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	21	2238	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	21	2326	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	22	2210	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	22	2306	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	23	2210	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	23	2310	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	24	2238	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	24	2332	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	25	2228	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	25	2312	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71805	2010	3	26	2216	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
71805	2010	3	27	2332	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
71801	2010	3	27	2228	A0N	non	non	non	no modulation	JARL	Kujang

anytime

PM97



7180 1	2010	3	27	2340	A0N	non	non	non	no modulation	JARL	Kujang
7185 5	2010	3	28	1210	A3E	non	non	non	Chinese Talk and Music	JARL	non
7185 5	2010	3	28	1258	A3E	non	CHN	non	Chinese Talk and Music 13:00 UTC Time signal 5+1 2sec late	JARL	non
7185 5	2010	3	28	1458	A3E	non	CHN	non	Chinese Talk and Music 15:00 UTC Time signal 5+1 2sec late	JARL	non
7185 5	2010	3	28	1558	A3E	non	CHN	non	Chinese Talk and Music 16:00 UTC Time signal 5+1 2sec late	JARL	non
7185 5	2010	3	28	1658	A3E	non	CHN	non	Chinese Talk and Music 17:00 UTC Time signal 5+1 2sec late	JARL	non
7185 5	2010	3	28	1758	A3E	non	CHN	non	Chinese Talk and Music 18:00 UTC Time signal 5+1 2sec late	JARL	Kujang
7200 3	2010	3	01	0718	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 3	2010	3	01	0928	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	01	1210	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	01	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
7200 5	2010	3	01	2016	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 3	2010	3	01	2230	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	02	0906	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	02	1208	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	02	1422	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	02	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
7200 3	2010	3	02	2236	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	03	1012	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	03	1210	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	03	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
7200 5	2010	3	03	2036	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	03	2222	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 5	2010	3	04	0912	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200 3	2010	3	04	1204	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk

										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	04	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	04	2246	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	05	0910	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	05	1210	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	05	1556	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	05	2238	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	06	1014	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	06	1210	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	07	1208	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	07	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	07	2244	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	08	1014	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	08	1210	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	08	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	08	2242	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	09	0916	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	09	1210	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	09	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	09	2218	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	10	0918	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	10	1212	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	10	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	10	2214	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	11	0712	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	11	1206	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	11	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	11	2214	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	12	0918	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	12	1212	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	12	1558	A3E	352	RUS	NVK	R Sakha	Russian Talk and Music	JARL	Yakutsk

72003	2010	3	12	2218		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	13	1006		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	13	1206		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT		
72005	2010	3	13	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	13	2238		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	14	1008		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	14	1210		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT		
72005	2010	3	14	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	14	2228		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	15	0922		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	15	1208	anytime	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	PM97	JARL Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT		
72005	2010	3	15	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	15	2236		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	16	0918		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	16	1206		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT		
72005	2010	3	16	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	16	2216		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	17	1012		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	17	1208		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT		
72005	2010	3	17	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	17	2236		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	18	0728		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	18	1224		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	18	1552		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	18	2226		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	19	1012		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	19	1206		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
										Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT		
72005	2010	3	19	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk

72003	2010	3	19	2210	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	20	1012	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	20	1208	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	20	2010	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	20	2238	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	21	1014	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	21	1208	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
											Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	21	1558	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	21	2240	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	22	1210	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	22	2008	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	22	2212	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	23	1212	A3E	352	RUS	NVK	R	Sakha	Russian talk and Music	JARL	Yakutsk
											Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	23	1558	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	23	2008	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	23	2212	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	24	1006	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	24	1206	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
											Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	24	1558	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	24	2240	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	25	1008	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	25	1210	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	25	1558	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	25	2230	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Kujang
72005	2010	3	26	1006	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	26	1208	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
											Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk
72005	2010	3	26	1558	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	26	2218	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72003	2010	3	27	1010	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk
72005	2010	3	27	1206	A3E	352	RUS	NVK	R	Sakha	Russian Talk and Music	JARL	Yakutsk

72005	2010	3	27	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music 16:00 UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk	
72003	2010	3	27	2234		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
72005	2010	3	28	1008		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
72003	2010	3	28	1214		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
72005	2010	3	28	1302		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
72005	2010	3	28	1502		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
72005	2010	3	28	2226		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	28	2310		A3E	321	KRE	Vo Korea	KoreaTalk and Music	JARL	Kujang	
72005	2010	3	29	0020		A3E	321	KRE	Vo Korea	Korea Talk and Music	JARL	Kujang	
72005	2010	3	29	0106		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
72005	2010	3	29	0202		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
72005	2010	3	29	0330		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
72005	2010	3	29	0710		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	29	0802		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
72005	2010	3	29	0902		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	29	1002		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	29	1106		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
72005	2010	3	29	1204		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	29	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music 16:00UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk	
72005	2010	3	30	0002		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	30	0112		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
72005	2010	3	30	0202		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
72005	2010	3	30	0334		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
72005	2010	3	30	0710		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	30	1004		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	30	1204		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	30	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music 16:00UTC Time signal 5+1 4sec late after QRT	JARL	Yakutsk	
72003	2010	3	30	2204	anytime	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	PM97	JARL	Yakutsk
72005	2010	3	31	0008		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	31	0120		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
72005	2010	3	31	0216		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	
72005	2010	3	31	0314		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
72005	2010	3	31	0710		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
72005	2010	3	31	0804		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang	

72005	2010	3	31	0902	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
72005	2010	3	31	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
72005	2010	3	31	1102	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
72005	2010	3	31	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
72003	2010	3	31	1530	A3E	non	non	non	unknown Talk and Music	JARL	non
									unknown Talk and Music		
									16:00 UTC Time signal		
72003	2010	3	31	1558	A3E	non	non	non	5+1 on time	JARL	non
72003	2010	3	31	2228	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk