



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM REPORT



February 2010

Peter Young VK3MV

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

ARSI reports this month the intrusions of regional broadcast stations and low power pirate fishing boats.

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

HARTS has queried 7105kHz attributed to be coming from China. This frequency was one of the more common frequencies used by SOH in the part, but JARL reports this as PBS Nei Meng. A request has been made to JARL monitors to make a short audio recording some time in the future of what is being heard on 7105, so that we could try to confirm what it is.

HARTS, NZART and WIA report various Over the Horizon Radar systems in or around the 40 meter and 20 meter bands. WIA reports the ongoing low power pirate stations to the north of Australia.

Karl VK6XW reports the Indonesian stations on 14277.7kHz are increasing their activity, and so are some of the intruders from CLN, as a few of them seem to have all the answers to the world's problem, and they give their mates no chance of reply. There are several groups that talk up to an hour.

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

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

kHz	BW	YYYY	MM	DD GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID Description	Grid	Society
3553.97	0.5	2010 02	18		13:18						Train of " T "		JARL
3560		2010 02	DY	<0900>	0900-2100	A3E				KRE	R. Voice of Korea B-C Station	RF72LQ	NZART ZL1BAD
3560	3	2010 02	01	1210		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	01	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	01	1804		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	3	2010 02	02	1230		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	02	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	02	1810		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	02	1914		A3E		321		KRE	Vo Korea Spanish Talk and Music		JARL Kujang
3560	3	2010 02	03	1204		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	03	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	03	1810		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	03	2014		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	3	2010 02	04	1204		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	04	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	04	1812		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	04	1920		A3E		321		KRE	Vo Korea Spanish Talk and Music		JARL Kujang
3560	5	2010 02	04	2006		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	3	2010 02	05	1226		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	05	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	05	1814		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	05	1904		A3E		321		KRE	Vo Korea Spanish Talk and Music		JARL Kujang
3560	3	2010 02	05	2028		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	3	2010 02	06	1204		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	06	1602	anytime	A3E		321		KRE	Vo Korea French Talk and Music	PM97	JARL Kujang
3560	5	2010 02	06	1806		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	06	1910		A3E		321		KRE	Vo Korea Spanish Talk and Music		JARL Kujang
3560	3	2010 02	07	1204		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	07	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	07	1810		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	07	1904		A3E		321		KRE	Vo Korea Spanish Talk and Music		JARL Kujang
3560	5	2010 02	07	2006		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	08	1220		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	5	2010 02	08	1602		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	5	2010 02	08	1810		A3E		321		KRE	Vo Korea English Talk and Music		JARL Kujang
3560	5	2010 02	08	1904		A3E		321		KRE	Vo Korea Spanish Talk and Music		JARL Kujang
3560	5	2010 02	08	2002		A3E		321		KRE	Vo Korea French Talk and Music		JARL Kujang
3560	3	2010 02	09	0916		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang
3560	3	2010 02	09	1228		A3E		321		KRE	Vo Korea Korean Talk and Music		JARL Kujang

3560	5	2010 02	09	1602	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	5	2010 02	09	1806	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang		
3560	5	2010 02	09	1912	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang		
3560	5	2010 02	09	2018	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	10	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	10	2020	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	11	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	11	1602	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	5	2010 02	11	1822	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang		
3560	5	2010 02	11	1912	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang		
3560	5	2010 02	11	2004	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	11	2202	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang		
3560	3	2010 02	12	1016	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	3	2010 02	12	1228	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	12	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	5	2010 02	12	2018	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	5	2010 02	12	2204	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang		
3560	3	2010 02	13	1006	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	3	2010 02	13	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	13	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	5	2010 02	13	2016	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	13	2140	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang		
3560	3	2010 02	13	2210	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang		
3560	3	2010 02	14	1022	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	3	2010 02	14	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	3	2010 02	14	1606	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	14	2036	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	15	1214	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	15	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	16	1220	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	16	1930	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang		
3560	5	2010 02	16	2004	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	5	2010 02	17	1012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	3	2010 02	17	1212	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	17	1942	H24	A3E	321	KRE	Vo Korea	Spanish Talk and Music	PM97	JARL	Kujang
3560	5	2010 02	17	2000	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	18	0930	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	3	2010 02	18	1212	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang		
3560	5	2010 02	18	2034	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang		
3560	3	2010 02	18	2128	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang		

3560	3	2010 02	19	0940	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	3	2010 02	19	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	19	1946	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	5	2010 02	19	2006	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3	2010 02	20	1224	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	20	1610	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	20	2004	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3	2010 02	21	0930	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	3	2010 02	21	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	21	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	21	2018	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3	2010 02	22	0920	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	3	2010 02	22	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	22	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	22	1918	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3	2010 02	23	1018	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	23	1214	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	23	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	23	1918	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	5	2010 02	24	1112	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
3560	5	2010 02	24	1926	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3	2010 02	25	0930	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	3	2010 02	25	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	25	1608	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	25	1918	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3	2010 02	25	2110	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	3	2010 02	26	1020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	26	1216	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	26	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	26	2034	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	3	2010 02	27	0934	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	3	2010 02	27	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	27	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	27	1926	A3E	321	KRE	Vo Korea	Spanish Talk and Music	JARL	Kujang
3560	3	2010 02	28	1030	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	28	1210	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
3560	5	2010 02	28	1430	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	28	1604	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang
3560	5	2010 02	28	1806	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
3560	5	2010 02	28	2004	A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang

3560	3537.5	2010 2	3	21:07	<21:07>	A3E 3	KRE		VOICE	JARL		
3560	3537.5	2010 2	7	23:22	<23:22>	A3E 3	KRE		VOICE,MUSIC	JARL		
3560	3537.5	2010 2	11	20:38	<20:38>	A3E 3	KRE		VOICE,MUSIC	JARL		
3560	3537.5	2010 2	23	21:41	<21:41>	A3E 3	KRE		VOICE,MUSIC	JARL		
3560	3537.5	2010 2	24	21:54	<21:54>	A3E 3	KRE		VOICE	JARL		
3560	3537.5	2010 2	25	21:55	<21:55>	A3E 3	KRE		VOICE,MUSIC	JARL		
3560	3537.5	2010 2	26	22:00	<22:00>	A3E 3	KRE		VOICE,MUSIC	JARL		
3560	3537.5	2010 2	27	20:43	<20:43>	A3E 3	KRE		VOICE,MUSIC	JARL		
3560	3537.5	2010 2	28	20:49	<20:49>	A3E 3	KRE		VOICE	JARL		
3560	6	2010 02	10		08:38				News in Korean language	JARL		
3560	6	2010 02	12		11:51				News	JARL		
3560	6	2010 02	16		07:01				Starting music	JARL		
3560	6	2010 02	18		20:52					JARL		
3560	6	2010 02	26		18:51					JARL		
3560	6	2010 02	27		23:35				News in French language(?)	JARL		
7000		2010 02	DY		HX24	J3E/L	?	Unid	non Amateurs	RF72LQ	NZART	ZL1BAD
7000		2010 02	DY		HX24	J3E/U	?	Unid	non Amateurs	RF72LQ	NZART	ZL1BAD
7001		2010	02 19		<0250-0300>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7001		2010	02 23		<0210-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7001.5	3	2010	02 28	08:46	<0846>	PXX	CHN		Hainan woodpecker returned, medium pulse rate	OL72	HARTS	
7001.7		2010	02 20		<1630-1640>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7004		2010	02 10		<2015-2020>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7005		2010	02 11		<1600-1610>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7008		2010	02 15		<0225-0235>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7010		2010	02 08		<1330-1345>	J3E/U	IND	UNID	NON AMATEUR ENGLISH SPEAKING ;OM-OM.;	MK82	ARSI	
7010		2010	02 08		<1330-1345>	J3E/U	INS	UNID	NON AMATEUR INDONESIAN SPEAKING	MK82	ARSI	

;OM-OM.;

7010		2010	02 24		<0230-0240>	J3E/U					CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7012		2010 02	18		20:50								OTH? 6904KHz~7012KHz		JARL		
7014		2010	02 09		<0230-0240>	J3E/U					CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7015	30	2010 02	03	<1715>	1715-1750	PXX					?	Unid	3.5 P.P.S	RF72LQ	NZART	ZL1BAD	
7015	30	2010 02	12	<1800>	1800-1900	PXX					?	Unid	3.5 P.P.S	RF72LQ	NZART	ZL1BAD	
7017.5	35	2010	02 28	08:15	<0815-0838>	PXX					CHN		Hainan 40~50 Hz medium pulse rate (signal or signals extend down to 6780), gone by 08:45	OL72	HARTS		
7018		2010 02	DY	<1100>	1100-2100	F1B	250				RUS	Unid	Idle Sigs	RF72LQ	NZART	ZL1BAD	
7018	0.5	2010 02	25	2116		PXX		non	non	non			pulse mode PXX T--signal ?		JARL	non	
7019	3	2010 02	24	1932		F1B		non	non	non			IDL only		JARL	non	
7019	3	2010 02	25	1604		F1B		non	non	non			IDL only		JARL	non	
7019	3	2010 02	25	1922		F1B		non	non	non			IDL only		JARL	non	
7019	3	2010 02	28	1616		F1B		non	non	non			IDL only		JARL	non	
7019	3	2010 02	28	1810		F1B		non	non	non			IDL only		JARL	non	
7019	3	2010 02	28	2006		F1B		non	non	non			IDL only		JARL	non	
7025		2010	02 09		<0230-0240>	J3E/U					CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7025		2010	02 24		<0230-0240>	J3E/U					CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7030	30	2010 02	26	<1815>	1815	PXX					?	Unid	3.5 P.P.S	RF72LQ	NZART	ZL1BAD	
7034		2010	02 25		<0230-0245>	J3E/L					CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7035		2010	02 19		<0255-0305>	J3E/U					CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
7036		2010 02	18		20:44								OTH?7036~7096		JARL		
7038.89	0.5	2010 02	10		08:33								Train of " C "		JARL		
7039		2010 02	DY		H24	A1A					RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD	

7039		2010 02	DY		H24	A1A		RUS	F	Vladivostok - Beacon F Callsign RJS	RF72LQ	NZART	ZL1BAD
7039		2010 02	DY		H24	A1A		RUS	P	Kaliningrad - Beacon P Callsign RMP	RF72LQ	NZART	ZL1BAD
7039.0		2010 02	DY		H24	A1A		RUS	C	Moscow - Beacon C Callsign RIW	RF72LQ	NZART	ZL1BAD
7039	0.5	2010 02	01	1220		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	01	1806		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	02	1812		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	02	1816		A1A	325	RUS	C--signal	Beacon		JARL	Moscow
7039	0.5	2010 02	02	1916		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	02	1918		A1A	325	RUS	C--signal	Beacon		JARL	Moscow
7039	0.5	2010 02	02	2222		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	02	2224		A1A	352	RUS	C--signal	Beacon		JARL	Moscow
7039	0.5	2010 02	03	1610		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	03	1814		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	03	2012		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	03	2226		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	04	1214		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	04	1610		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	04	1808		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	04	1924		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	04	2014		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	05	1224		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	05	1810		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	05	1906		A1A	314	KRE	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	05	2026		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	06	1220		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	06	1810		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	06	1912		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	06	1914		A1A	325	RUS	C--signal	Beacon		JARL	Moscow
7039	0.5	2010 02	07	1218		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	07	2012		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	08	2016		A1A	314	RUS	NVK R Sakha	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	09	1914		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	09	2016		A1A	314	RUS	K--signal	Beacon		JARL	Petropavlovs
7039	0.5	2010 02	10	0102		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010 02	10	0104		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010 02	10	0342		A1A	15	RUS	M--signal	Beacon		JARL	Magadan
7039	0.5	2010 02	10	0712		A1A	15	RUS	M--signal	Beacon		JARL	Magadan

7039	0.5	2010 02	10	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	10	2032	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	10	2114	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	10	2228	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	10	2342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	0022	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	0308	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	0812	A3E	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	1214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	1216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	11	1608	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	1824	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	1826	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	11	1914	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	1916	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	11	1918	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	11	2016	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	2018	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	11	2020	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	11	2024	H24 A1A	316	UKR	D--signal	Beacon	PM97 JARL	Sevastopol
7039	0.5	2010 02	11	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	11	2216	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	11	2334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	0022	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	0112	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	0332	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	0712	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	1010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	1012	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	12	1226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	1602	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	2026	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	12	2028	A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	12	2214	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	12	2322	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	13	0042	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	13	0322	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	13	0714	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	13	1014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	13	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2010 02	13	1212		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	13	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	13	2012		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	13	2014		A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	13	2136		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	13	2138		A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	13	2206		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	13	2208		A1A	15	RUS	M--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	13	2344		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	0006		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	0114		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	0336		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	0722		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	1018		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	1020	H24	A1A	314	RUS	K--signal	Beacon	PM97	Petropavlovs
7039	0.5	2010 02	14	1212		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	1214		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	14	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	14	2042		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	14	2044		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	2114		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	2230		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	14	2344		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	15	0024		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	15	0816		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	15	0820		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	15	1212		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	15	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	15	2126		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	15	2236	H24	A1A	15	RUS	M--signal	Beacon	PM97	Magadan
7039	0.5	2010 02	15	2316		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	0026		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	0242		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	0346		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	0746		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	1214		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	1216		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	16	1932		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	1934		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	16	2006		A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2010 02	16	2008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	16	2124	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	16	2344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	0010	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	0220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	1008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	1206	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	17	1944	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	1946	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	17	2006	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	2008	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	17	2226	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	17	2336	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	0142	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	0332	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	0706	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	0710	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	18	0922	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	2036	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	2038	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	18	2122	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	2246	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	18	2334	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	0028	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	0346	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	0716	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	0932	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	1948	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	19	2008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	2010	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	19	2240	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	19	2344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	0014	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	0234	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	0346	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	0842	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2010 02	20	1206		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	20	2006		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	2234		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	20	2314		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	21	0034		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	21	0208		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	21	0340		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	21	0922		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	21	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	21	2020		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	21	2022		A1A	325	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	21	2240		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	21	2332		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	22	0042		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	22	0112		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	22	0340		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	22	0914		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	22	0916		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	22	1212	H24	A1A	314	RUS	K--signal	Beacon	PM97	Petropavlovs
7039	0.5	2010 02	22	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	22	1920		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	22	1922		A1A	352	RUS	C--signal	Beacon	JARL	Moscow
7039	0.5	2010 02	22	2216		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	0040		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	0106		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	0346		A3E	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	1012		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	1014		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	23	1208		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	1210		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	23	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	23	1920		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	23	2232		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	23	2344		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	24	0008		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	24	0332		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	24	1108		A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	24	1110		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	24	1928		A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2010 02	24	1930	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	24	2220	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	24	2314	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	0142	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	0332	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	0728	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	0914	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	1210	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	1218	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	25	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	25	1920	A1A	314	KRE	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	25	2112	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	2114	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	25	2238	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	25	2326	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	0122	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	1012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	1014	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	26	1208	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	1210	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	26	1602	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	26	2040	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	2042	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	26	2232	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	26	2342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	27	0012	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	27	0132	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	27	0344	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	27	0930	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	27	1208	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	27	1602	H24	314	RUS	K--signal	Beacon	PM97	Petropavlovs
7039	0.5	2010 02	27	1928	A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs
7039	0.5	2010 02	27	2224	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	27	2342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	28	0008	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	28	0134	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	28	0342	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	28	0714	A1A	15	RUS	M--signal	Beacon	JARL	Magadan
7039	0.5	2010 02	28	1024	A1A	15	RUS	M--signal	Beacon	JARL	Magadan

7039	0.5	2010 02	28	1026		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010 02	28	1214		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010 02	28	1426		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010 02	28	1602		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010 02	28	1808		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010 02	28	2008		A1A	314	RUS	K--signal	Beacon	JARL	Petropavlovs	
7039	0.5	2010 02	28	2232		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039	0.5	2010 02	28	2342		A1A	15	RUS	M--signal	Beacon	JARL	Magadan	
7039.21	0.5	2010 02	27		23:32					Train of " C "	JARL		
7039.3		2010 02	DY		H24	A1A		RUS	K	Petropavlovsk - Beacon K Callsign RCC	RF72LQ	NZART	ZL1BAD
7039.31	0.5	2010 02	12		11:48					Train of " M "	JARL		
7039.32	0.5	2010 02	16		06:59					Train of " D "	JARL		
7039.39	0.5	2010 02	18		20:47					Train of " K "	JARL		
7039.4		2010 02	DY		H24	A1A		RUS	M	Magadan - Beacon M Callsign RTS	RF72LQ	NZART	ZL1BAD
7039.44	0.5	2010 02	27		13:04					Train of " M "	JARL		
7039.47	0.5	2010 02	26		18:46					Train of " K "	JARL		
7039.47	0.5	2010 02	27		23:31					Train of " M "	JARL		
7039.50	0.5	2010 02	17		14:50					Train of " M "	JARL		
7039.50	0.5	2010 02	17		14:51					Train of " K " very weak signal	JARL		
7039.50	0.5	2010 02	18		13:15					Train of " M "	JARL		
7039.53	0.5	2010 02	16		06:58					Train of " C "	JARL		
7039.57	0.5	2010 02	26		18:45					Train of " M "	JARL		
7039.59	0.5	2010 02	16		06:57					Train of " M "	JARL		
7039.65	0.5	2010 02	18		20:45					Train of " M "	JARL		
7039.9		2010 02	DY		H24	A1A		RUS	S	Severomorsk - Beacon S Callsign RIT	RF72LQ	NZART	ZL1BAD
7045	6	2010 02	DY**	<1130>	1130-2115	F1D		?	Unid	Unknown type signal. Daily to 10th	RF72LQ	NZART	ZL1BAD
7050	60	2010 02	07	<1740>	1740	PXX		?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
7050	60	2010 02	18	<1715>	1715-2130	PXX		?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
7050	60	2010 02	20	<1930>	1930	PXX		?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
7054.0	2	2010	2	20700		F7B			Unid	8 CARRIERS	QG52XI	WIA	
7054		2010 02	DY	<0415>	0415-2030	F1B	250	RUS	Unid	Idling sigs only	RF72LQ	NZART	ZL1BAD
7063		2010 02	20	<1930>	1930-2000	F1B	250	?	Unid	Encrypted	RF72LQ	NZART	ZL1BAD
7069	34	2010	02 28	08:08	<0808-0837>	QXX		CHN		Hainan woodpecker (chirp sounds like CODAR) ~2.5 sweep/sec	OL72	HARTS	

7072	36	2010 02	11	1828		PXX		non	non	non	7064KHz ~ 7100KHz wide pulse mode PXX OTHR ?	JARL	non		
7072	36	2010 02	11	1920		PXX		non	non	non	7064KHz ~ 7100KHz wide pulse mode PXX OTHR ?	JARL	non		
7080	30	2010 02	10	<1830>	1830	PXX			?	Unid	3.5 P.P.S	RF72LQ	NZART	ZL1BAD	
7080	30	2010 02	18	<1715>	1715-1940	PXX			?	Unid	3.5 P.P.S	RF72LQ	NZART	ZL1BAD	
7080	30	2010 02	19	<2030>	2030	PXX			?	Unid	3.5 P.P.S	RF72LQ	NZART	ZL1BAD	
7082	36	2010 02	24	1114		PXX		non	non	non	7064KHz ~ 7100KHz wide pulse mode PXX OTHR ?	JARL	non		
7091.1		2010	02 28	08:08	<0808-0837>	A1A					4 letter groups (very loud maybe Southern China), gone by 08:48	OL72	HARTS		
7098		2010 02	18	<0700>	0700-0720	F1B	250		?	Unid	Encrypted	RF72LQ	NZART	ZL1BAD	
7099.92	6	2010 02	16		06:47								JARL		
7100	5	2010	02 21		<1900-1910>	A3E				KRE	VoKorea	INTERNATIONAL BC IN ENGLISH	MK82	ARSI	
7100		2010 02	DY	<1800>	1800-2000	A3E				KRE	R.Voice of Korea	B.C. Str. Pyongyang.	RF72LQ	NZART	ZL1BAD
7100	3	2010 02	01	1802		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	3	2010 02	02	1804		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	5	2010 02	02	1912		A3E		321		KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	3	2010 02	03	1804		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	5	2010 02	03	2006		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	04	1804		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	5	2010 02	04	1918		A3E		321		KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	04	2008	H24	A3E		321		KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
7100	5	2010 02	05	1806		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	3	2010 02	05	1900		A3E		321		KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	05	2020		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	3	2010 02	06	1804		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	5	2010 02	06	1902		A3E		321		KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	07	2004		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	3	2010 02	09	1804		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	3	2010 02	09	1910		A3E		321		KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	3	2010 02	09	2006		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	3	2010 02	10	2022		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	3	2010 02	11	1820		A3E		321		KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	5	2010 02	11	1910		A3E		321		KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	3	2010 02	11	2006		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	3	2010 02	13	2002		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	3	2010 02	14	2034		A3E		321		KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	

7100	5	2010 02	16	1928		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	16	2002		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	17	1940		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	17	2002		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	18	2032		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	19	1944		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	19	2004		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	20	2002		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	21	2016		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	22	1916		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	23	1916		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	3	2010 02	24	1924		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	25	1916		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	26	2032		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	5	2010 02	27	1924		A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang	
7100	5	2010 02	28	1804		A3E	321	KRE	Vo Korea	French Talk and Music	JARL	Kujang	
7100	5	2010 02	28	2002		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang	
7100	7100.0	2010 2	11	20:42	<20:42>	A3E 3		KRE		VOICE,MUSIC	JARL		
7100	7100.0	2010 2	23	21:43	<21:43>	A3E 3		KRE		VOICE	JARL		
7100	7100.0	2010 2	26	22:00	<22:00>	A3E 3		KRE		VOICE,MUSIC	JARL		
										DOMESTIC BROADCASTING SERVICE	MK82	ARSI	
7105	5	2010	02 02		<1402-1410>	A3E		MDG	BC	Chinese Talk and Music	JARL	Hohhot	
7105	5	2010 02	01	2216		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	01	2218		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2010 02	02	2212		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	02	2214		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2010 02	02	2300	H24	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	5	2010 02	03	2216		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	03	2218		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2010 02	04	2224		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	04	2226		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
										Chinese Talk and Music			
7105	5	2010 02	04	2258		A3E	273	CHN	PBS Nei Meng	23:00UTC Time signal 5+1	JARL	Hohhot	
7105	5	2010 02	05	2210		A3E	273	CHN	PBS Nei Meng	2sec late after QRT	JARL	Hohhot	
7105	3	2010 02	05	2212		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2010 02	06	2220		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	06	2222		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7105	5	2010 02	07	2220		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	07	2222		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	

7105	5	2010 02	08	2212	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	5	2010 02	09	2214	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	09	2216	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	10	2220	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	10	2222	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	11	2204	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	11	2206	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	12	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	12	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
									Chinese Talk and Music 22:00 UTC Time signal 5+1 2sec late		
7105	5	2010 02	13	2158	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	5	2010 02	14	2222	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	14	2224	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	15	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	15	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	16	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	16	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	17	2220	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	17	2222	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	18	2238	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	18	2240	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	19	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	19	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	20	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	20	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	21	2226	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	21	2228	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	22	2206	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	22	2208	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	23	2224	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	23	2226	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	24	2212	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	24	2214	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	25	2230	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	25	2232	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	26	2224	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	26	2226	A3E	non	CHN	non	Chinese Talk and Music	JARL	non
7105	5	2010 02	27	2212	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot
7105	3	2010 02	27	2214	A3E	non	CHN	non	Chinese Talk and Music	JARL	non

7105	5	2010 02	28	2224		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	JARL	Hohhot	
7105	3	2010 02	28	2226		A3E	non	CHN	non	Chinese Talk and Music	JARL	non	
7110	5	2010	02 02		<1402-1410>	A3E		ETH	BC	DOMESTIC BROADCASTING SERVICE	MK82	ARSI	
7110	5	2010	02 21		<1900-1910>	A3E		UNID	UNID	BC IN ARABIC	MK82	ARSI	
7110		2010 02	DY	<0415>	0415-0650	A3E		?	Unid	B-C STN.	RF72LQ	NZART	ZL1BAD
7110		2010 02	DY	<1915>	1915-2030	A3E		?	Unid	B-C STN.	RF72LQ	NZART	ZL1BAD
7110	3	2010 02	08	2006	H24	A3E	non	non	non	unknown Talk and Music	PM97	JARL	non
7110	3	2010 02	09	2008		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	3	2010 02	10	2024	H24	A3E	non	non	non	unknown Talk and Music	PM97	JARL	non
7110	3	2010 02	11	2008		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	3	2010 02	13	2004		A3E	non	non	non	unknown Talk and Music		JARL	non
7110	6	2010 02	07		11:57							JARL	
7110	6	2010 02	10		08:23							JARL	
7110	6	2010 02	27		23:23							JARL	
7115	6	2010 02	16		06:49							JARL	
7115	6	2010 02	27		23:24							JARL	
7125	3	2010 02	06	1904		A3E	non	non	non	unknown Talk and Music		JARL	non
7125	3	2010 02	13	2006		A3E	non	non	non	unknown Talk and Music		JARL	non
7125	6	2010 02	10		08:24							JARL	
7125	6	2010 02	16		06:49							JARL	
7134	36	2010 02	16	1936		PXX	non	non	non	7126KHz ~ 7152KHz wide pulse mode PXX OTHR ?		JARL	non
7134	36	2010 02	16	2012		PXX	non	non	non	7126KHz ~ 7152KHz wide pulse mode PXX OTHR ?		JARL	non
7135	30	2010 02	18	<1845>	1845-1915	PXX		?	Unid	3.5 P.P.S.	RF72LQ	NZART	ZL1BAD
7135	6	2010 02	16		06:50							JARL	
7140		2010	02 28	08:04	<0715-0849>	A3E		KRE	VoKorea	broadcast in Mandarin	OL72	HARTS	
7140		2010 02	DY	<0650>	0650-1930	A3E		KRE	R. PYONGYANG	B-C STN. STARTS AT 0650	RF72LQ	NZART	ZL1BAD
7140	5	2010 02	01	0010	H24	A3E	321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
7140	5	2010 02	01	0330		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
7140	5	2010 02	01	0706		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
7140	5	2010 02	01	0830		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang
7140	3	2010 02	01	1212		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
7140	3	2010 02	01	1556		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7140	3	2010 02	01	2220		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7140	5	2010 02	02	0020		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang
7140	5	2010 02	02	0130		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
7140	5	2010 02	02	0340		A3E	321	KRE	Vo Korea	English Talk and Music		JARL	Kujang
7140	5	2010 02	02	0710		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang

7140	3	2010 02	02	1232	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	3	2010 02	02	1236	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	3	2010 02	02	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	3	2010 02	02	2216	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	5	2010 02	03	0040	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	03	0110	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
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7140	3	2010 02	03	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	3	2010 02	03	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	3	2010 02	03	2008	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	5	2010 02	04	0012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	04	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7140	3	2010 02	04	0740	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	04	0920	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	3	2010 02	04	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	3	2010 02	04	1208	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	3	2010 02	04	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
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7140	5	2010 02	05	0030	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	05	0310	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7140	5	2010 02	05	0720	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	05	0830	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
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7140	3	2010 02	05	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	3	2010 02	05	2022	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	5	2010 02	06	0110	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7140	5	2010 02	06	0220	A3E	321	KRE	Vo Korea	Chinese talk and Music	JARL	Kujang
7140	5	2010 02	06	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
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7140	5	2010 02	10	0012	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	10	0102	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
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7140	5	2010 02	10	0710	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	3	2010 02	10	1206	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	3	2010 02	10	1208	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	3	2010 02	10	2028	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7140	5	2010 02	11	0020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
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7140	5	2010 02	12	0020	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	12	0110	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7140	5	2010 02	12	0330	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7140	5	2010 02	12	0710	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	12	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
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7140	5	2010 02	17	0340	A3E	321	KRE	Vo Korea	English Talk and Music	JARL	Kujang
7140	5	2010 02	17	1004	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7140	5	2010 02	17	1202	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
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7140	5	2010 02	19	0712	H24	A3E	321	KRE	Vo Korea	Korean Talk and Music	PM97	JARL	Kujang
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7140	5	2010 02	26	1204	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
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7140	6	2010 02	07						Korean national music "Democratic Korea "in English	JARL	
7140	6	2010 02	07							JARL	
7140	6	2010 02	10							JARL	
7140	6	2010 02	11						News in Chinese language	JARL	
7140	6	2010 02	12						News in Chinese language	JARL	
7140	6	2010 02	16							JARL	
7140	6	2010 02	18						Music	JARL	
7140	6	2010 02	26						Music	JARL	
7140	6	2010 02	27							JARL	
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7150	6	2010 02	27							JARL	
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7165	3	2010 02	03	1806		A3E	non	non	non	unknown Talk and Music		JARL	non	
7165	3	2010 02	04	1806		A3E	non	non	non	unknown Talk and Music		JARL	non	
7165	3	2010 02	28	1540		A3E	non	non	non	unknown Talk and Music		JARL	non	
7165	3	2010 02	28	1610		A3E	non	non	non	unknown Talk and Music		JARL	non	
7165	6	2010 02	10		08:26							JARL		
7165	6	2010 02	16		06:52							JARL		
7165	6	2010 02	18		20:37							JARL		
7165	6	2010 02	27		23:27							JARL		
7175	5	2010	02 02		<1402-1410>	A3E		ERI	VoBM	BROADCAST SERVICE	MK82	ARSI		
7175	5	2010	02 21		<1900-1910>	A3E		UNID	UNID	BC IN ARABIC	MK82	ARSI		
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7175		2010 02	DY	<1845>	1845-2000	A3E		?	Unid		RF72LQ	NZART	ZL1BAD	
7175	6	2010 02	18		20:38							JARL		
7175	6	2010 02	27		23:28							JARL		
7180	5	2010 02	01	2222		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	01	2340		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	02	2220		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	02	2302		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	03	2220		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	03	2320		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	04	2228		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	04	2302		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	05	2214		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	05	2322		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	06	2228		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	06	2340		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	07	2224		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	07	2342		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	08	2214		A3E	321	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	08	2340		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	
7180	5	2010 02	09	2220		A3E	352	KRE	Vo Korea	Chinese Talk and Music		JARL	Kujang	
7180	5	2010 02	09	2340		A3E	321	KRE	Vo Korea	Korean Talk and Music		JARL	Kujang	

7180	5	2010 02	10	2110	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	10	2224	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	10	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	11	2210	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	11	2332	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	12	2210	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	12	2320	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	3	2010 02	13	2130	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	13	2340	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	3	2010 02	14	2110	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	14	2226	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	14	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	3	2010 02	15	2122	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	15	2240	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	15	2314	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	3	2010 02	16	2120	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	16	2340	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	17	2224	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	17	2334	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	18	2120	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	18	2242	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	18	2332	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	19	2236	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	19	2342	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	20	2238	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	20	2310	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	21	2232	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	21	2330	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	3	2010 02	22	2210	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	23	2228	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	23	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	24	2216	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	24	2312	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	25	2106	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	25	2234	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	25	2324	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	26	2228	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	26	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	5	2010 02	27	2218	A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	27	2340	A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang

7180	5	2010 02	28	2228		A3E	321	KRE	Vo Korea	Chinese Talk and Music	JARL	Kujang
7180	5	2010 02	28	2340		A3E	321	KRE	Vo Korea	Korean Talk and Music	JARL	Kujang
7180	7100.0	2010 2	3	22:01	<22:01>	A3E 3		KRE		VOICE,MUSIC	JARL	
7180	7100.0	2010 2	7	23:19	<23:19>	A3E 3		KRE		VOICE	JARL	
7180	7100.0	2010 2	24	21:54	<21:54>	A3E 3		KRE		VOICE,MUSIC	JARL	
7180	7100.0	2010 2	25	21:55	<21:55>	A3E 3		KRE		VOICE,MUSIC	JARL	
7180	6	2010 02	10		08:27						JARL	
7180	6	2010 02	16		06:53					News in Chinese and music	JARL	
7185		2010	02 28	07:15	<0715-0850>	A3E				broadcast unknown language (with jamming?)	OL72	HARTS
7185	3	2010 02	28	1420		A3E	non	non	non	unknown Talk and Music	JARL	non
7185	6	2010 02	18		20:39						JARL	
7185.88	6	2010 02	27		23:28						JARL	
7190	6	2010 02	18		20:40					Music	JARL	
7200	5	2010	02 21		<1900-1910>	A3E		SDN	BC	ARABIC BROADCAST	MK82	ARSI
7200	3	2010 02	01	0832		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	01	1216		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	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	3	2010 02	01	2224		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	02	0714		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	02	1240		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	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	5	2010 02	02	2218		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	03	1210		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	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 02	03	2010		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	03	2222		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	04	0924		A3E	352	KRE	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	04	1212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	04	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 02	04	2012		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	04	2230		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk

7200	5	2010 02	05	1222	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		
7200	5	2010 02	05	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	05	2024	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	05	2216	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	05	2326	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	06	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		
7200	5	2010 02	06	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	06	2226	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	07	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		
7200	3	2010 02	07	1556	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	07	2008	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	07	2226	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	08	1230	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		
7200	5	2010 02	08	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	08	2010	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	08	2216	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	09	0914	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	09	1224	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		
7200	5	2010 02	09	1558	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	09	2014	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	09	2224	A3E	321	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	10	0714	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	10	1212	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	10	2030	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	10	2112	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	10	2226	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	11	0814	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	11	1212	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk

7200	5	2010 02	11	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 02	11	2014		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	5	2010 02	11	2212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	12	1008		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	12	1224		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	5	2010 02	12	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 02	12	2024		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	12	2212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	13	0712	H24	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	PM97	JARL	Yakutsk
7200	3	2010 02	13	1012		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	5	2010 02	13	1208		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	5	2010 02	13	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 02	13	2010		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	13	2134		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	13	2204		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	13	2342		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	14	1016		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	14	1210		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	14	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 02	14	2040		A3E	352	RUS	NVK R Sakha	Russian talk and Music	JARL	Yakutsk	
7200	3	2010 02	14	2112		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	14	2228		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	15	0814		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	15	1210		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	5	2010 02	15	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	15	2234		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	5	2010 02	16	1218		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	16	2010		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	17	1006		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	17	1204		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	17	2014		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	
7200	3	2010 02	18	0924		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk	

7200	3	2010 02	18	1210		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	18	2042		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	18	2124		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	18	2244		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	19	0934		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	19	1212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	19	2014		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	19	2238		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	20	0844		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	20	1200		A3E	352	RUS	NVK R Sakha	Russian Talk and Music 12:00 UTC Time signal 5+1 4sec late	JARL	Yakutsk
7200	5	2010 02	20	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 02	20	2010	H24	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	20	2236		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	PM97	Yakutsk
7200	3	2010 02	21	0924		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	21	1212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	21	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 02	21	2026		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	21	2234		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	22	0912		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	22	1210		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	22	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 02	22	2212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	23	1010		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	23	1206		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	23	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 02	23	2230		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	5	2010 02	24	1106	H24	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	PM97	Yakutsk
7200	3	2010 02	24	2218		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	25	0912		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk
7200	3	2010 02	25	1212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music	JARL	Yakutsk

7200	5	2010 02	25	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	25	2108		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	25	2236	H24	A3E	352	RUS	NVK R Sakha	Russian Talk and Music	PM97	JARL	Yakutsk
7200	3	2010 02	26	1010		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	26	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
7200	5	2010 02	26	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	26	2038		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	26	2230		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	27	0928		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	27	1212		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	27	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	27	2220		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	28	0712		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	28	1022		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	28	1208		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	28	1424		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
7200	5	2010 02	28	1558		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	5	2010 02	28	2012		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	3	2010 02	28	2230		A3E	352	RUS	NVK R Sakha	Russian Talk and Music		JARL	Yakutsk
7200	6	2010 02	10		08:28							JARL	
7200	6	2010 02	16		06:54					Music		JARL	
7200	6	2010 02	18		20:40					News in Russian language		JARL	
7200	6	2010 02	26		18:42					News in Russian language		JARL	
7200	6	2010 02	27		13:00					News in Russian language		JARL	
7200	6	2010 02	27		23:29					News in Russian language		JARL	
10101		2010	02 09		<1100-1110>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI	
10101		2010	02 14		<1330-1345>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10101		2010	02 15		<0230-0240>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

10101		2010	02 15		<1330-1340>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10107		2010	02 03		<0300-0315>	J3E/U		UNID	UNID	SE ASIAN OM-OM, NON HAM QSO.	MK82	ARSI	
10107		2010	02 03		<1310-1322>	J3E/U		INS	UNID	INDONESIAN OM-OM, NON HAM QSO.	MK82	ARSI	
10107		2010	02 09		<1100-1110>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10109		2010	02 08		<0200-0215>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI	
10109		2010	02 18		<0300-0310>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI	
10111		2010	02 25		<0230-0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10111.2		2010	02 08		<0200-0215>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10120		2010	02 15		<1315-1320>	J3E/U		INS	UNID	INDONESIAN OM-OM, NON HAM QSO.	MK82	ARSI	
10121		2010	02 28		<0430-0440>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10130		2010	02 03		<1310-1322>	J3E/L		UNID	UNID	SE ASIAN OM-OM, NON HAM QSO.	MK82	ARSI	
10131		2010	02 09		<1100-1110>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
10134		2010	02 15		<1315-1320>	J3E/U		INS	UNID	INDONESIAN OM-OM, NON HAM QSO.	MK82	ARSI	
10147		2010	02 03		<1310-1322>	J3E/L		UNID	UNID	SE ASIAN OM-OM, NON HAM QSO.	MK82	ARSI	
10147		2010	02 15		<1315-1320>	J3E/L		INS	UNID	INDONESIAN OM-YL, NON HAM QSO.	MK82	ARSI	
10186	5	2010 02	07	<0515>	0515	PXX	280	?	Unid	OTHR S7 26 PPS	RF73MF	NZART	ZL1GWE
13999.6	3	2010	2	9 23:00-23:10		J3E/L		315 CLN	Unid	Group of males, back again on LSB	OF84wx	WIA	

14000	3	2010	2	2 00:02>	J3E/U	315 CLN	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14000	3	2010	2	2 23:45-00:00	J3E/U	315 CLN	Unid	1 male calling and singing, no reply	OF84wx	WIA
14000	3	2010	2	3 23:04-00:05	J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14000	3	2010	2	4 <23:40-23:51	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14000	3	2010	2	5 23:55-00:04	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14000	3	2010	2	6 22:55-23:50	J3E/U	315 CLN	Unid	3 males	OF84wx	WIA
14000	3	2010	2	7 22:20-23:02	J3E/U	316 CLN	Unid	2 males	OF84wx	WIA
14000	3	2010	2	7 23"25-23:45	J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14000	3	2010	2	8 22:53-23:15	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14000	3	2010	2	13 <23:25-01:05	J3E/U	315 CLN	Unid	2 males. On-off	OF84wx	WIA
14000	3	2010	2	16 00:00-00:50	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14000	3	2010	2	26 23:26-23:28	J3E/U	315 CLN	Unid	1 male calling no reply	OF84wx	WIA
14000	3	2010	2	27 <02:48-04:05	J3E/U	315 CLN	Unid	Group of males work from boats	OF84wx	WIA
14000	3	2010	2	27 <07:30-08:25	J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA
14000	3	2010	2	28 <22:42-22:55	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA
14000		2010	02 28	<0600-0610>	J3E/U	ISR	UNID	NUMBER STATION WITH" MESSAGE GROUP 15"— FEMALE SYN VOICE	MK82	ARSI
14000		2010 02	DY	HX24	J3E/U	INS	Unid	Non-Amateurs	RF72LQ	NZART ZL1BAD
14002	4	2010 02	14	<0524>	PXX	300 ?	Unid	OTHR S6	RF73MF	NZART ZL1GWE
14002.5	5	2010 02	01	DY	PXX	300 ?	Unid	OTHR S6	RF73MF	NZART ZL1GWE
14003	6	2010 02	07	<0437>	PXX	300 ?	Unid	OTHR S6	RF73MF	NZART ZL1GWE
14003.3	2	2010	2	25 1020	J3E/U		Unid	ASIAN, EXTREMELY DISTORTED	QG52XI	WIA
14005.3	3	2010	2	3 <08:13-08:20	J3E/L	360	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14005.7	3	2010	2	18 0955	J3E/L		Unid	ASIAN	QG52XI	WIA
14009		2010	02 14	<0615-0620>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14009		2010	02 28	<1120-1130>	J3E/U	CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI
14011	3	2010	2	22 <08:03-08:12	J3E/L	360 INS	Unid	2 males work from boats	OF84wx	WIA
14012.4	3	2010	2	9 <23:38-00:03	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA

14013.5		2010	02 07		<0500-0510>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014	3	2010	2	15 23:12-23:17		J3E/L		315 CLN	Unid	Group of males	OF84wx	WIA	
14014		2010	02 07		<1115-1122>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014.5	3	2010	2	12 2050		J3E/U		220	Unid	SOUTH AMERICA, LONG PATH, SPANISH SPOKEN	QG52XI	WIA	
14017		2010	02 24		<0313-0318>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020		2010	02 03		<0300-0315>	J3E/U		UNID	UNID	SE ASIAN OM-OM, NON HAM QSO.	MK82	ARSI	
14021		2010	02 07		<0610-0620>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14022.0	5	2010	1	26 0925		G7D	HIGH		Unid	DAILY	QG52XI	WIA	
14022		2010	02 14		<1150-1200>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14025	3	2010	2	8 <23:45-00:00		J3E/U		315 LCN	Unid	2 males	OF84wx	WIA	
14025	3	2010	2	12 <23:30-02:40		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA	
14025	3	2010	2	16 23:36-00:16		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA	
14025	3	2010	2	18 23:30-00:00		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA	
14025	3	2010	2	19 <23:25-23:43		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA	
14025	3	2010	2	22 23:25-00:20		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA	
14025		2010	02 15		<0235-0245>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI	
14025.5		2010	02 06		<1305-1315>	XXX		UNID	UNID	VERY STRONG, SPREADING FROM 14023 TO 14028 Khz.	MK82	ARSI	
14025.5		2010	02 07		<0400-0405>	XXX		UNID	UNID	VERY STRONG, SPREADING FROM 14023 TO 14028 Khz.	MK82	ARSI	
14026	4	2010 02	06	<1120>	1120	PXX	300	?	Unid	OTHR S7	RF80HL	NZART	ZL2IFB
14027.5	3	2010	2	23 <23:00-23:25		J3E/U		315 CLN	Unid	Group of males	OF84wx	WIA	
14030.0	50	2010	1	29 0945		PXX			Unid		QG52XI	WIA	
14030		2010	02 07		<0430-0445>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	

14032	3	2010	2	9 <22:55-23:14		J3E/U		315 CLN	Unid	Group of males	OF84wx	WIA		
14032.2		2010	02 07		<0900-0915>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI		
14032.3	3	2010	1	29 0940		J3E/U			Unid	DAILY, ASIAN	QG52XI	WIA		
14042.8	3	2010	2	17 1015		J3E/U			Unid	CHINESE	QG52XI	WIA		
14046.0	3	2010	1	26 0915		J3E/U		300	Unid	FAMILY NET, ASIAN	QG52XI	WIA		
14046.5	3	2010	2	24 <23:50-00-00		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA		
14046.5	3	2010	2	25 22:50-00:04		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA		
14046.6	3	2010	2	27 <22:55-23:50		J3E/U		315 CLN	Unid	Group of males	OF84wx	WIA		
14046.6	3	2010	2	28 <22:35-23:38		J3E/U		315 CLN	Unid	Group of males	OF84wx	WIA		
14048.2	3	2010	1	26 0905		J3E/U			Unid	ASIAN, NOT CHINESE, HEAVILY QRM'ED BY RTTY	QG52XI	WIA		
14050.0	5	2010	2	9 0930		G7D			Unid		QG52XI	WIA		
14050.0	3	2010	2	13 0900		J3E/U			Unid	ASIAN, NOT CHINESE	QG52XI	WIA		
14050.5	1	2010	1	26 0855		F1B	HIGH	250	Unid	NO DECODES	QG52XI	WIA	VK4TJ	
14054.0	3	2010	1	29 0940		J3E/L			Unid	ASIAN, DAILY	QG52XI	WIA		
14054	6	2010 02	01		DY	PXX		300	?	Unid	OTHR S5	RF73MF	NZART	ZL1GWE
14054	6	2010 02	07	<0440>	0440	PXX		300	?	Unid	OTHR S7	RF73MF	NZART	ZL1GWE
14055	3	2010	2	3 <07:44>		J3E/U		360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA	
14055	8	2010 02	14	<0525>	0525	PXX		300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14055.5	3	2010	2	7 <07:20-07:40		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA		
14056.2	3	2010	2	7 <07:45>		J3E/U		360	Unid	Male-female, Chinese	OF84wx	WIA		
14056.5	5	2010	02 28	08:22	<0822-0850>	G7D					OL72	HARTS		
14056.7	3	2010	2	5 <07:40-07:52		J3E/U		360	Unid	Male-female, Chinese	OF84wx	WIA		
14060	3	2010	2	17 <23:40-00:20		J3E/U		315 CLN	Unid	2 males	OF84wx	WIA		
14060.0	3	2010	1	29 0920		J3E/U			Unid	DAILY, ASIAN	QG52XI	WIA		
14060.0	3	2010	2	5 0945		J3E/L			Unid	DAILY, ASIAN	QG52XI	WIA		
14066.8	3	2010	2	8 1010		J3E/U			Unid	DAILY, CHINESE	QG52XI	WIA		
14085	3	2010	2	12 <07:15-08:07		J3E/U		315 CLN	Unid	1 male 1 female	OF84wx	WIA		
14086	3.3	2010 02	20	<0825>	0825	M7B			?	Unid	PHASE MOD. 16 CHNLS	RF72LQ	NZART	ZL1BAD
14091	3	2010	2	4 <23:38>		J3E/L		315 CLN	Unid	2 males	OF84wx	WIA		
14100	3	2010	2	3 <07:15-07:27		J3E/U		360	Unid	Group of males, Chinese	OF84wx	WIA		
14100		2010	02 15		<0250-0305>	J3E/U		CHN	UNID	NON AMATEUR CHINESE SPEAKING ;OM-OM.; FISHING TRAWLERS	MK82	ARSI		
14100		2010 02	17	<0230>	0230	PXX		300	?	Unid	OTHR S9 + 30dB 66 PPS in two second bursts	RF73MF	NZART	ZL1GWE

14104		2010 02	21	<0400>	0400-0430	PXX		300	?	Unid	OTHR S9 3 second bursts and 25 second delay in-between	RE55OO	NZART	ZL3PN
14107	5	2010 02	01		DY	PXX		300	?	Unid	OTHR S5	RF73MF	NZART	ZL1GWE
14107.5	5	2010 02	07	<0441>	0441	PXX		300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14110		2010 02			HX24	J3E/U			?	Unid	NON-AMATEUR STNS	RF72LQ	NZART	ZL1BAD
14116		2010 02	11	<0650>	0650-0705	F1B	250		?	Unid	IDLING SIGS ONLY. CLOSED AT 0705	RF72LQ	NZART	ZL1BAD
14124		2010 02	17	<0230>	0230-0430	PXX		300	?	Unid	OTHR S6 66 PPS in two second bursts	RF73MF	NZART	ZL1GWE
14130	3	2010	2	18	<10:20-10:35	J3E/L		360	INS	Unid	Male-female	OF84wx	WIA	
14131.6	3	2010	2	4	<08:08-08:19	J3E/U		360		Unid	Male-female, Chinese	OF84wx	WIA	
14140		2010 02	14	<0230>	0230-0430	PXX		300	?	Unid	OTHR S9 + 30 dB 66 PPS in two second bursts	RF73MF	NZART	ZL1GWE
14141.5	3	2010	2	20	<08:40-09:04	J3E/U		360	INS	Unid	Male-female	OF84wx	WIA	
14151.3	3	2010	2	16	23:03-23:12	J3E/L		315	CLN	Unid	2 males	OF84wx	WIA	
14158	12	2010 02	14	<0525>	0525	PXX		300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14160	5	2010 02	01		DY	PXX		300	?	Unid	OTHR S5	RF73MF	NZART	ZL1GWE
14160		2010 02	08	<0635>	0635-0700	F1B	250		?	Unid	Encrypted	RF72LQ	NZART	ZL1BAD
14161.5	4.5	2010 02	07	<0443>	0443	PXX		300	?	Unid	OTHR S8	RF73MF	NZART	ZL1GWE
14165	30	2010 02	08	<0640>	0640	PXX			?	Unid	4 SEC. BURST EVERY 25 SECS.	RF72LQ	NZART	ZL1BAD
14165	30	2010 02	15	<0605>	0605	PXX			?	Unid	" " " " "	RF72LQ	NZART	ZL1BAD
14165	30	2010 02	19	<0600>	0600-0615	PXX			?	Unid	" " " " "	RF72LQ	NZART	ZL1BAD
14198.3	3	2010	2	1	0740	G1DEC				Unid	MPSK 12 Carriers No decode	QF22ML	WIA	VK3MV
14205		2010 02	21	<0400>	0400-0430	PXX		300	?	Unid	OTHR S9 3 second bursts and 25 second delay in-between	RE55OO	NZART	ZL3PN
14210.5	11	2010 02	14	<0527>	0527	PXX		300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14211	4	2010 02	01		DY	PXX		300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14211		2010 02	22	<0700>	0700	PXX		300	?	Unid	OTHR S9 + 30dB	RF81WM	NZART	ZL2CC
14213	9	2010 02	07	<0445>	0445	PXX		300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14227	66	2010 02	21	<0513>	0513	PXX		300	?	Unid	OTHR S9+ 30dB 76 PPS 22 seconds delay and then starts again 5 seconds	RF81WM	NZART	ZL2CC
14227	66	2010 02	21	<0515>	0515	PXX		300	?	Unid	OTHR S9+ 76 PPS 22 seconds delay and then commences again 5 secs	RF73MF	NZART	ZL1GWE
14240		2010 02	09	<0600>	0600-0615	A3E			?	Unid	No.s Stn. Repeated "50 Vorshin" 30 times. Closed at 0615	RF72LQ	NZART	ZL1BAD

14243.2	3	2010	2	11 <08:55-09:28		J3E/U	360	Unid	Male-female, Chinese	OF84wx	WIA	
14258	3	2010	2	19 <00:00-00:32		J3E/U	315 CLN	Unid	2 males	OF84wx	WIA	
14262.5	13	2010 02	14	<0528>	0528	PXX	300 ?	Unid	OTHR S4	RF73MF	NZART	ZL1GWE
14265	3	2010	2	25 07:23-07:44		J3E/U	360 INS	Unid	Group of males	OF84wx	WIA	
14266	4	2010 02	01		DY	PXX	300 ?	Unid	OTHR S5	RF73MF	NZART	ZL1GWE
14266.5	9	2010 02	07	<0446>	0446	PXX	300 ?	Unid	OTHR S5	RF73MF	NZART	ZL1GWE
14275	3	2010	2	24 08:07-08:21		J3E/U	360	Unid	2 males	OF84wx	WIA	
14275.7	3	2010	2	4 <08:00-09:10		J3E/U	315 CLN	Unid	Group of males	OF84wx	WIA	
14275.8	3	2010	2	19 07:00-07:15		J3E/U	315 CLN	Unid	2 males	OF84wx	WIA	
14275.8	3	2010	2	20 <08:00-08:12		J3E/U	315 CLN	Unid	2 males	OF84wx	WIA	
14276	3	2010	2	22 <08:06-08:25>		J3E/U	360	Unid	Group of males, Chinese, screaming!	OF84wx	WIA	
14277	3	2010	2	22 01:35-01:54		J3E/U	360 INS	Unid	3males 1 female, passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	1 00:25-00:26		J3E/U	360 INS	Unid	2 males, No messages	OF84wx	WIA	VK6XW
14277.7	3	2010	2	1 01:05-01:30		J3E/U	360 INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA	
14277.7	3	2010	2	2 03:40-03:45		J3E/U	360 INS	Unid	2 males passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	3 01:20-01:23		J3E/U	360 INS	Unid	2 males passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	4 00:30-00:31		J3E/U	360 INS	Unid	1male calling, no reply	OF84wx	WIA	
14277.7	3	2010	2	4 01:27-01:45		J3E/U	360 INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA	
14277.7	3	2010	2	5 01:30-01:39		J3E/U	360 INS	Unid	Group of males, pass coded messages	OF84wx	WIA	
14277.7	3	2010	2	6 01:55-01:56		J3E/U	360 INS	Unid	2 males, no coded messages today	OF84wx	WIA	
14277.7	3	2010	2	7 00:37-00:38		J3E/U	360 INS	Unid	1 male, 1 st call, no reply	OF84wx	WIA	
14277.7	3	2010	2	9 00:41-00:50		J3E/U	360 INS	Unid	2 males pass coded messages	OF84wx	WIA	
14277.7	3	2010	2	9 01:00-01:04		J3E/U	360 INS	Unid	Male-female, passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	9 01:23-01:27		J3E/U	360 INS	Unid	2 males, passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	9 01:35-01:56		J3E/U	360 INS	Unid	2 males, 1 female, passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	10 00:18-00:31		J3E/U	360 INS	Unid	2 males passing coded messages	OF84wx	WIA	
14277.7	3	2010	2	10 00:50-00:56		J3E/U	360 INS	Unid	2 males passing coded messages	OF84wx	WIA	

14277.7	3	2010	2	10 01:05-01:10	J3E/U	360	INS	Unid	2 males passing coded messages	OF84wx	WIA
14277.7	3	2010	2	10 01:20-02:03	J3E/U	360	INS	Unid	3 males, passing coded messages, on and off	OF84wx	WIA
14277.7	3	2010	2	10 02:18-02:44	J3E/U	360	INS	Unid	3males 1 female, passing coded messages	OF84wx	WIA
14277.7	3	2010	2	10 03:01-03:05	J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	2	10 04:08-04:21	J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	2	11 00:38-00:40	J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	2	11 01:17-01:20	J3E/U	360	INS	Unid	2 males passing coded messages	OF84wx	WIA
14277.7	3	2010	2	12 00:16-00:47	J3E/U	360	INS	Unid	Group of males, 1 female	OF84wx	WIA
14277.7	3	2010	2	12 01:02-01:28	J3E/U	360	INS	Unid	3males-1 female passing coded messages	OF84wx	WIA
14277.7	3	2010	2	12 01:37-01:51	J3E/U	360	INS	Unid	2 males	OF84wx	WIA
14277.7	3	2010	2	12 01:59-02:08	J3E/U	360	INS	Unid	Male-female pass coded messages	OF84wx	WIA
14277.7	3	2010	2	13 00:25-00:31	J3E/U	360	INS	Unid	2 males passing coded messages	OF84wx	WIA
14277.7	3	2010	2	13 00:46-00:54	J3E/U	360	INS	Unid	2 males passing coded messages	OF84wx	WIA
14277.7	3	2010	2	15 01:00-01:50	J3E/U	360	INS	Unid	Group of males passing coded messages	OF84wx	WIA
14277.7	3	2010	2	16 01:16-01:38	J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	2	16 01:55-02:25	J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	2	17 00:20-00:44	J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	2	17 01:03-01:16	J3E/U	360	INS	Unid	2 males pass coded messages	OF84wx	WIA
14277.7	3	2010	2	17 01:27-01:35	J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	2	18 00:26-00:44	J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA
14277.7	3	2010	2	10 00:10-00:22	J3E/U	360	INS	Unid	2 males 1 female pass coded messages	OF84wx	WIA

14277.7	3	2010	2	19 00:40-01:12	J3E/U	360 INS	Unid	4 males passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	19 01:50-02:38	J3E/U	360 INS	Unid	4 males 1 female call and chat	OF84wx	WIA		
14277.7	3	2010	2	20 00:45-00:48	J3E/U	360 INS	Unid	2 males Passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	20 01:06-01:25	J3E/U	360 INS	Unid	3 males 1 female passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	21 01:00-01:45	J3E/U	360 INS	Unid	2 males, 1 female passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	22 00:40-01:38	J3E/U	360 INS	Unid	Group of males, pass coded messages	OF84wx	WIA		
14277.7	3	2010	2	23 00:09-00:35	J3E/U	360 INS	Unid	Male-female passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	23 00:45-01:00	J3E/U	360 INS	Unid	2 males passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	23 01:13-01:43	J3E/U	360 INS	Unid	Group of males, passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	23 00:28-01:15	J3E/U	360 INS	Unid	Group of males, 1 female, passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	25 00:22-00:37	J3E/U	360 INS	Unid	Male-female, passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	25 00:50-02:07	J3E/U	360 INS	Unid	3 males 1 female passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	26 00:15-03:12	J3E/U	360 INS	Unid	3 males 1 female pass coded messages, on-off many times	OF84wx	WIA		
14277.7	3	2010	2	26 03:35-03:42	J3E/U	360 INS	Unid	2 males pass coded messages	OF84wx	WIA		
14277.7	3	2010	2	27 00:29-01:26	J3E/U	360 INS	Unid	3 males 1 female passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	27 01:50-02:27	J3E/U	360 INS	Unid	Group of males and one female passing coded messages	OF84wx	WIA		
14277.7	3	2010	2	28 00:50-01:00	J3E/U	360 INS	Unid	Male-female passing coded messages	OF84wx	WIA		
14280		2010 02	DY	<0650>	0650-0845	A3E	KRE	R.PYONGYANG	2f 7140 KHZ. STARTS AT 0650	RF72LQ	NZART	ZL1BAD
14300	3	2010	2	21 08:00-08:16	J3E/U	360	Unid	2 males, Chinese	OF84wx	WIA		
14300	3	2010	2	24 07:00-08:04	J3E/U	360	Unid	Male-female, Chinese	OF84wx	WIA		
14300	3	2010	2	25 <08:00>	J3E/U	315 CLN	Unid	2 males	OF84wx	WIA		

14300		2010 02	21	<0400>	0400-0430	PXX	300	?	Unid	OTHR S9 3 second bursts and 25 second delay in-between	RE55OO	NZART	ZL3PN
14303.2	3	2010	2	7 <23:49>		J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14303.3	3	2010	2	2 <23:30>		J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14307.2	3	2010	2	7 <23:50-00:04>		J3E/L	315	CLN	Unid	2 males	OF84wx	WIA	
14316.5	7	2010 02	01		DY	PXX	300	?	Unid	OTHR S5	RF73MF	NZART	ZL1GWE
14317	10	2010 02	07	<0448>	0448	PXX	300	?	Unid	OTHR S7	RF73MF	NZART	ZL1GWE
14318.5	3	2010	2	4 <08:02-08:23>		J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14318.5	3	2010	2	10 <07:58-08:30>		J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14318.5	3	2010	2	17 <08:14-09:22>		J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14318.5		2010 02	14	<0528>	0528	PXX	300	?	Unid	OTHR S6	RF73MF	NZART	ZL1GWE
14318.7	3	201	2	19 <07:00-01:12>		J3E/U	360		Unid	Male-female, Chinese	OF84wx	WIA	
14318.7	3	2010	2	20 <08:18-08:32>		J3E/U	360		Unid	Male-female	OF84wx	WIA	
14319.5	3	2010	2	10 22:56-23:15		J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14319.5	3	2010	2	10 23:45-23:55		J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14319.5	3	2010	2	11 <22:50-23:25>		J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14321	3	2010	2	4 <23:17-23:31>		J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14322.8	3	2010	2	19 <07:22-09:53>		J3E.U	315	CLN	Unid	2 males	OF84wx	WIA	
14322.8	3	2010	2	21 <08:22:08:45>		J3E/U	360		Unid	Male-female, singing, female screaming	OF84wx	WIA	
14324	3	2010	2	14 <23:20-00:15>		J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14324	3	2010	2	19 <23:52-00:00>		J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14333	3	2010	2	9 <22:30-22:42>		J3E/U	315	CLN	Unid	Group of males	OF84wx	WIA	
14334.4	3	2010	2	21 <00:00-00:07>		J3E/U	315	CLN	Unid	2 males	OF84wx	WIA	
14345.2	3	2010	2	6 <07:10-07:35>		J3E/U	360		Unid	2 males	OF84wx	WIA	
18088		2010	02 09		<1115-1120>	J3E/U		PAK	UNID	NON AMATEUR URDU/SINDHI SPEAKING	MK82	ARSI	
18094	10	2010 02	07	<0454>	0454	PXX	300	?	Unid	OTHR S1/S0	RF73MF	NZART	ZL1GWE
21000.0	50	2010	2	12 0830		PXX			Unid	OTHR	QG52XI	WIA	
21001.0	1	2010	2	18 0755		F1B	400		Unid	IDLING	QG52XI	WIA	
21020.0	3	2010	1	27 0845		J3E/L			Unid		QG52XI	WIA	
21023.0	3	2010	2	17 0530		J3E/U			Unid	ASIAN	QG52XI	WIA	
21029		2010 02	26	<0350>	0350-0410	PXX	300	?	Unid	OTHR 3 second burst and then delay 30 seconds 42 PPS	RF80HL	NZART	ZL2IFB
21029.5	3	2010	2	12 0545-0915		J3E/U			Unid	DAILY, ASIAN	QG52XI	WIA	
21032.2	3	2010	2	12 0740		J3E/U			Unid	DAILY, ASIAN	QG52XI	WIA	
21287		2010 02	07	<0501>	0501	N0N	300	?	Unid	Carrier with slight wobble every 5 seconds 500 Hz tone	RF73MF	NZART	ZL1GWE

24895.0	6	2010	2	26 0250		A3E			Unid	ASIAN, CB-LIKE, NOT CHINESE	QG52XI	WIA	
24905		2010 02	23	<1950>	1950	VXX		?	Unid	2-4 PPS CODAR	RF80HL	NZART	ZL2IFB
24935.0	6	2010	2	26 0250		A3E			Unid	ASIAN, CB-LIKE, NOT CHINESE	QG52XI	WIA	
24950.0	6	2010	2	17 0500		F3E			Unid	ASIAN,CB-LIKE	QG52XI	WIA	
24950.0	6	2010	2	19 0700		F3E			Unid	ASIAN,CB-LIKE	QG52XI	WIA	
28015		2010	02 28	08:23	<0823>	A3E				unknown language	OL72	HARTS	
28035		2010	02 28	08:34	<0834>	A3E				Indochinese	OL72	HARTS	
28065		2010	02 28	08:44	<0844>	A3E				unknown language	OL72	HARTS	
28077	2	2010	02 28		<0930-0940>	A3E	CHN	UNID		NON AMATEUR CHINESE SPEAKING ;OM-OM.	MK82	ARSI	
28085	2	2010	02 28		<0930-0940>	A3E	CHN	UNID		NON AMATEUR CHINESE SPEAKING ;OM-OM.	MK82	ARSI	
28115		2010	02 28	08:34	<0834>	A3E				unknown language	OL72	HARTS	
28125		2010	02 28	08:44	<0844>	A3E				unknown language	OL72	HARTS	
28185		2010	02 28	08:25	<0825-0843>	A3E				Cantonese	OL72	HARTS	
28205		2010	02 28	08:34	<0834>	A3E				unknown language	OL72	HARTS	
28225		2010	02 28	08:42	<0842>	A3E				unknown language	OL72	HARTS	
28227	2	2010	02 28		<0930-0940>	A3E	CHN	UNID		NON AMATEUR CHINESE SPEAKING ;OM-OM.	MK82	ARSI	
28265		2010	02 28	08:35	<0835>	A3E				unknown language	OL72	HARTS	
28285.0	6	2010	2	17 0515		A3E			Unid	ASIAN,CB-LIKE	QG52XI	WIA	
28285		2010	02 28	07:55	<0755-0801>	A3E				Indochinese	OL72	HARTS	
28285		2010	02 28	08:30	<0830-0842>	A3E				unknown language	OL72	HARTS	
28325		2010	02 28	07:55	<0755>	A3E				gone by 07:57	OL72	HARTS	
28335		2010	02 28	08:30	<0830-0833>	A3E				Indochinese	OL72	HARTS	
28385		2010	02 28	08:36	<0836>	A3E				unknown language	OL72	HARTS	
28405		2010	02 28	07:15	<0715>	A3E				language unknown	OL72	HARTS	
28405		2010	02 28	08:42	<0842>	A3E				Cantonese	OL72	HARTS	
28485		2010	02 28	08:41	<0841>	A3E				unknown language	OL72	HARTS	
28525		2010	02 28	07:17	<0717-0745>	A3E				Cantonese	OL72	HARTS	
28533.6	2	2010	02 28		<0930-0940>	A3E	CHN	UNID		NON AMATEUR CHINESE SPEAKING ;OM-OM.	MK82	ARSI	
28535		2010	02 28	07:45	<0745>	A3E				unknown language	OL72	HARTS	
28535		2010	02 28	08:41	<0841>	A3E				unknown language	OL72	HARTS	
28850.0	6	2010	2	17 0510		F3E			Unid	BAHASA OR TAGALOG	QG52XI	WIA	
28892		2010 02	07	<0430>	0430	N0N		000	?	S5-S2 Carrier 450 Hz tone	RF73MF	NZART	ZL1GWE
28900.0	6	2010	2	17 0510		F3E			Unid	ASIAN, CB-LIKE	QG52XI	WIA	

7000* 175 2010 02 DY <1050> 1050-1930 PXX

CHN Unid

Out of band OTHR with spill
over to 7010 kHz

RF72LQ NZART ZL1BAD