



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



October 2012

Peter Young VK3MV

Reports for September were received from ARSI, JARL, NZART, and the WIA.
1103

This month there were 1097 observations made across the Region, as compared to last month of 1073.

This month there is continuation of intrusions in the higher frequency bands, particularly from OHR Radars on 15 meters. These have been filed with the Australian Regulator, seeking information and their removal. As reported in previous months, there are more detection of intrusions on 10 meters from low power commercial like services, many coming from Asia and Eastern Europe.

Again this month, further reports of "HF Man Packs" emissions are being logged, but due to the random nature of these emissions a possible location source is difficult to determine. Further reports are requested to determine a location. See the details of frequencies and times listed below.

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

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

Peter – VK3MV

kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500	5	2012	10	27	1905		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ
3520	5	2012	10	29	1015		G7DF						HF MANPACK	QG52xi	WIA	
3550	5	2012	10	29	1010		G7DF						HF MANPACK	QG52xi	WIA	
3553	5	2012	10	27	1915		G7D						MANY RANDOM INTERVAL SUBCARRIERS, HEAVY PSK	QG52xi	WIA	
3584	3	2012	10	2	1940		J1C						DAILY	QG52xi	WIA	
3623	3	2012	10	2	1940		J1C						DAILY	QG52xi	WIA	
3756.6		2012	10	5	1730		A1A				RU	E	HARBOUR BEACON	QG52xi	WIA	
6990	50	2012	10	1	1155		P0N						DAILY, OTHR, SPILLS INTO AMATEUR BAND	QG52xi	WIA	
7000	3	2012	10	1	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7005	3	2012	10	1	1200		J3E/L						SPANISH, LAMBADA MUSIC	QG52xi	WIA	
7005	3	2012	10	1	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7005	3	2012	10	1	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7010	3	2012	10	1	1020		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7010	3	2012	10	29	0955		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7010	3	2012	10	1	1010		J3E/U						SOUNDS ARABIC	QG52xi	WIA	
7011.5	3	2012	10	24	2010		J3E/U				INS			QG52xi	WIA	
7013	3	2012	10	1	1200		J3E/L				INS		VILLAGE RADIO	QG52xi	WIA	
7015	5	2012	10	27	1930		G7DF						HF MANPACK	QG52xi	WIA	
7015	3	2012	10	9	1000		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7015	3	2012	10	1	1200		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7017	5	2012	10	29	0955		G7D						8 SUBCARRIERS ON 200 HZ INTERVALS, ALL HEAVILY PSK'D	QG52xi	WIA	
7020	3	2012	10	9	1000		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7020	3	2012	10	1	1200		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7025	3	2012	10	13	1025		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7025	3	2012	10	9	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7027	5	2012	10	18	2010		G7D						8 SUBCARRIERS ON 200 HZ INTERVALS, IDLING	QG52xi	WIA	
7030	3	2012	10	4	0705		J3E/U				INS		VILLAGE RADIO	QG52xi	WIA	
7030	3	2012	10	1	1200		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	
7032	5	2012	10	1	1015		G7D						8 SUBCARRIERS ON 200 HZ INTERVALS, HEAVY PSK	QG52xi	WIA	
7038.8		2012	10	1	2120		A1A				RU	S	DAILY, HARBOUR BEACON	QG52xi	WIA	
7038.8		2012	10	1	2120		A1A				RU	P	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039		2012	10	1	2115		A1A				RU	C	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.2		2012	10	1	1020		A1A				RU	K	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.2		2012	10	5	1730		A1A				RU	F	DAILY, HARBOUR BEACON	QG52xi	WIA	
7039.4		2012	10	1	1020		A1A				RU	M	DAILY, HARBOUR BEACON	QG52xi	WIA	
7049	1	2012	10	29	1945		F1B		200				CONTINUOUS	QG52xi	WIA	
7054	1	2012	10	1	2115		F1B		200				DAILY	QG52xi	WIA	
7060	5	2012	10	20	1920		G7DF						HF MANPACK	QG52xi	WIA	

7070		2012	10	11	0935	A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
7085	3	2012	10	15	0855	J3E/U			ASIAN, NOT CHINESE	QG52xi	WIA
7090	40	2012	10	18	1940	P0N			OTHR, BURSTS	QG52xi	WIA
7100		2012	10	8	1025	A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
7102		2012	10	1	1015	A1A			LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG52xi	WIA
7105	1	2012	10	1	0735	F1B			SELCALL TONES OR ARQ	QG52xi	WIA
7110	8	2012	10	8	1030	A3E		BRM	DAILY, SW BROADCAST	QG52xi	WIA
7117	5	2012	10	1	2115	G7D			DAILY, 8 SUBCARRIERS ON 200 HZ CENTRES	QG52xi	WIA
7120	8	2012	10	5	1730	A3E		SOM	SW BROADCAST, RADIO HARGEISA	QG52xi	WIA
7120	5	2012	10	2	0940	G7DF			HF MANPACK	QG52xi	WIA
7121.5	3	2012	10	9	1005	J3E/U			ASIAN, SOUNDS CHINESE	QG52xi	WIA
7123	3	2012	10	2	0940	J3E/U			ASIAN, SOUNDS CHINESE	QG52xi	WIA
7133	5	2012	10	1	1015	G1D			BROAD PSK	QG52xi	WIA
7140	5	2012	10	15	0850	G7DF			HF MANPACK	QG52xi	WIA
7150	40	2012	10	4	1930	P0N			OTHR, LONG BURSTS	QG52xi	WIA
7156		2012	10	13	1015	A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
7159	5	2012	10	8	1155	G7D			100'S OF SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA
7160.9	3	2012	10	13	1130	J3E/U			ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
7162	8	2012	10	13	1005	G7D			MANY SUBCARRIERS, RANDOM INTERVALS	QG52xi	WIA
7167.1	3	2012	10	8	1025	J3E/U			ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
7170.1	3	2012	10	9	1005	J3E/U			ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
7172	3	2012	10	9	1005	J1C				QG52xi	WIA
7176	1	2012	10	13	1945	F1B	250		CONTINUOUS	QG52xi	WIA
7180	3	2012	10	2	0940	J3E/U			DAILY, ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
7185	5	2012	10	13	1005	G7DF			HF MANPACK	QG52xi	WIA
7185	8	2012	10	5	1730	A3E			SW BROADCAST	QG52xi	WIA
7185.75	8	2012	10	29	0950	A3E		BRM	SW BROADCAST	QG52xi	WIA
7189		2012	10	2	0940	A1A		8ITP	KHWS DE 8ITP	QG52xi	WIA
7193.4	3	2012	10	13	1940	J3E/U			ASIAN	QG52xi	WIA
7195	5	2012	10	29	950	G7DF			HF MANPACK	QG52xi	WIA
7195	8	2012	10	2	2010	A3E			DAILY, SW BROADCAST	QG52xi	WIA
7196.3	1	2012	10	1	1015	G1D			BROAD PSK	QG52xi	WIA
7200	8	2012	10	1	2115	A3E		SUD	DAILY, SW BROADCAST	QG52xi	WIA
10130	20	2012	10	4	1945	P0N			OTHR	QG52xi	WIA

10140	8	2012	10	8	1020	A3E		KRE	SW BROADCAST	QG52xi	WIA
14000	5	2012	10	28	0750	G7DF			HF MANPACK	QG52xi	WIA
14000	3	2012	10	28	0735	A1X			SOUNDS LIKE A COW	QG52xi	WIA
14000	15	2012	10	17	0900	VXX			UNUSUAL SHORT FAST FREQUENCY SWEEPS	QG52xi	WIA
14000	3	2012	10	2	23:25-- 23:43	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	3	00:45-- 00:58	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	4	00:30-- 00:47	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	4	04:15-- 04:33	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	4	06:40-- 08:20	J3E/U	315	CLN	2 males, on-off	OF84wx	WIA
14000	3	2012	10	4	23:30-- 00:03	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	5	08:05-- 10:28	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	5	22:55-- 23:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	6	07:30-- 09:15	J3E/U	315	CLN	Group of males, very active, low strenght of signal	OF84wx	WIA
14000	3	2012	10	7	00:39-- 00:50	J3E/U	315	CLN	2 male	OF84wx	WIA
14000	3	2012	10	7	06:50-- 07:55	J3E/U	315	CLN	2 males on-off, short talks	OF84wx	WIA
14000	3	2012	10	8	07:10-- 08:55	J3E/U	315	CLN	2 males on-off	OF84wx	WIA
14000	3	2012	10	8	23:18-- 00:00	J3E/L	315	CLN	Group of males, outside 20m band	OF84wx	WIA
14000	3	2012	10	10	22:50-- 23:15	J3E/U	315	CLN	2 males on-off	OF84wx	WIA
14000	3	2012	10	11	22:33-- 23:45	J3E/U	315	CLN	2 males 4 calls	OF84wx	WIA
14000	3	2012	10	13	23:20-- 00:10	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	14	01:15-- 01:35	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	14	06:20-- 06:50	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	15	00:10-- 00:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	15	01:53-- 02:08	J3E/U	315	CLN	2 males, 2 calls only, no reply	OF84wx	WIA

14000	3	2012	10	15	07:05-- 07:20	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	15	22:58-- 23:42	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	16	01:30-- 01:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	16	08:05-- 10:00	J3E/L	315	CLN	Male-female outside 20m band	OF84wx	WIA
14000	3	2012	10	16	23:08-- 23:53	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	17	07:10-- 08:15	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	18	05:05-- 07:30	J3E/U	315	CLN	Group of males, on-off short talks	OF84wx	WIA
14000	3	2012	10	19	08:47-- 09:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	20	00:02-- 00:50	J3E/U	315	CLN	2 males on-off short talks	OF84wx	WIA
14000	3	2012	10	20	07:45-- 08:10	J3E/L	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	20	23:15-- 23:19	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	21	00:10-- 00:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	21	23:02-- 23:05	J3E/U	315	CLN	2 males short call no other reply	OF84wx	WIA
14000	3	2012	10	22	00:32-- 00:40	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	22	23:11-- 23:12	J3E/U	315	CLN	1 male calling, no reply	OF84wx	WIA
14000	3	2012	10	23	00:36-- 01:01	J3E/U	315	CLN	2 males on-off sort talks	OF84wx	WIA
14000	3	2012	10	23	<07:00-- 08:20	J3E/L	315	CLN	2 males on-Off 3-4times per hour	OF84wx	WIA
14000	3	2012	10	23	22:55-- 23:20	J3E/L	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	24	00:01-- 01:20	J3E/U	315	CLN	Grouo of males	OF84wx	WIA
14000	3	2012	10	24	07:10-- 07:22	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	24	08:06-- 08:30	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	24	08:52-- 08:55	J3E/U	315	CLN	2 males	OF84wx	WIA

14000	3	2012	10	24	23:23-- 23:41	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	25	23:00-- 23:37	J3E/L	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	26	00:43-- 00:46	J3E/U	315	CLN	2 males sort talk	OF84wx	WIA
14000	3	2012	10	26	01:39-- 01:55	J3E/U	315	CLN	2 males on-off	OF84wx	WIA
14000	3	2012	10	26	02:30-- 02:50	J3E/U	315	CLN	2 males on-off	OF84wx	WIA
14000	3	2012	10	27	08:05-- 08:10	J3E/U	315	CLN	2 males calling , not continued	OF85wx	WIA
14000	3	2012	10	27	08:47-- 09:15	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	27	22:45-- 23:43	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	28	<22:55-- 23:20	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	28	23:30-- 23:32	J3E/U	315	CLN	2 males, short call	OF84wx	WIA
14000	3	2012	10	28	23:40-- 00:10	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	29	06:30-- 06:42	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	29	09:00-- 09:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	29	23:40-- 00:15	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	30	02:30-- 02:42	J3E/U	315	CLN	Group of males	OF84wx	WIA
14000	3	2012	10	30	08:45-- 09:10	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	30	23:40-- 00:15	J3E/U	315	CLN	2 males	OF84wx	WIA
14000	3	2012	10	31	09:05-- 09:13	J3E/U	315	CLN	2 males, very little talks	OF84wx	WIA
14000	3	2012	10	31	23:55-- 00:30	J3E/U	315	CLN	2 males	OF84wx	WIA
14000.1		2012	10	25	1010	A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
14000.2	3	2012	10	3	0840	J3E/U			ASIAN	QG52xi	WIA
14001	5	2012	10	6	1955	G7D	600		MANY SUBCARRIERS, STANAG4285	QG52xi	WIA
14001	3	2012	10	15	23:47-- 00:12	J3E/U	315	CLN	Group of males	OF84wx	WIA

14001	3	2012	10	16	23:48-- 23:50	J3E/U		315	CLN	1 male calling, no reply	OF84wx	WIA	
14001	3	2012	10	21	00:10-- 00:35	J3E/L		315	CLN	2 males	OF84wx	WIA	
14001	3	2012	10	21	23:30-- 23:32	J3E/U		315	CLN	1 male calling no reply	OF84wx	WIA	
14001	3	2012	10	25	00:45-- 00:55	J3E/U		315	CLN	2 males	OF84wx	WIA	
14001.3	3	2012	10	3	01:05-- 01:10	J3E/U		360	INS	2 males	OF84wx	WIA	
14001.5	3	2012	10	1	01:30-- 01:50	J3E/U		315	CLN	2 males	OF84wx	WIA	VK6XW
14001.5	3	2012	10	20	01:05-- 01:09	J3E/U		315	CLN	2 males	OF84wx	WIA	
14001.7	1	2012	10	12	0905	F1B	150			IDLING	QG52xi	WIA	
14002	3	2012	10	1	<08:50-- 09:18	J3E/U		360	INS	Male-female chatting	OF84wx	WIA	
14002	3	2012	10	3	09:55-- 10:30	J3E/U		360	INS	Male-female	OF84wx	WIA	
14002	3	2012	10	11	09:10-- 14:12	J3E/U		315	CLN	2 males only 3-4 calls per hr	OF84wx	WIA	
14005	3	2012	10	8	0725	J3E/U				DAILY, ASIAN, SOUNDS CAMBODIAN OR LAOTIAN	QG52xi	WIA	
14005	3	2012	10	28	06:50-- 07:15	J3E/U		315	CLN	1 male calling without stop, repeating the same sentence	OF84wx	WIA	
14008	1	2012	10	28	1010	F1B	400				QG52xi	WIA	
14009	3	2012	10	16	<00:13-- 00:50	J3E/U		315	CLN	2 males	OF84wx	WIA	
14010	3	2012	10	28	0735	J3E/U				SPANISH LANGUAGE	QG52xi	WIA	
14010	5	2012	10	21	1910	G7DF				HF MANPACK	QG52xi	WIA	
14012	3	2012	10	14	08:20-- 08:31	J3E/U		315	CLN	Group of males	OF84wx	WIA	
14012.2	3	2012	10	16	0820	J3E/U				ASIAN	QG52xi	WIA	
14012.2	3	2012	10	3	23:31-- 00:01	J3E/U		315	CLN	Group of males	OF84wx	WIA	
14012.2	3	2012	10	5	23:35-- 00:30	J3E/U		315	CLN	2 males	OF84wx	WIA	
14012.9	3	2012	10	3	0840	J3E/U				ASIAN	QG52xi	WIA	
14016.6	3	2012	10	28	1010	J3E/U				ASIAN	QG52xi	WIA	
14017.4	3	2012	10	30	1020	J3E/L				ASIAN	QG52xi	WIA	
14017.7	3	2012	10	6	00:55-- 01:06	J3E/U		315	CLN	2 males	OF84wx	WIA	
14018	3	2012	10	8	1020	J3E/U				ASIAN	QG52xi	WIA	
14018.5	3	2012	10	22	23:20-- 00:10	J3E/U		315	CLN	2 males	OF84wx	WIA	

14019.2	3	2012	10	15	0825	J3E/U			ASIAN	QG52xi	WIA
14020	5	2012	10	28	0750	G7DF			HF MANPACK	QG52xi	WIA
14020	5	2012	10	19	0755	G7DF			HF MANPACK	QG52xi	WIA
14020	3	2012	10	2	0915	J3E/U			ASIAN	QG52xi	WIA
14020	3	2012	10	8	00:45-- 06:20	J3E/U		315 CLN	Group of males, on-off about 4-5 times per hr. short calls	OF84wx	WIA
14020	3	2012	10	10	04:00-- 09:00	J3E/U		315 CLN	Group of males few call per hr, hard to copy	OF84wx	WIA
14020	3	2012	10	11	23:00-- 23:50	J3E/U		315 CLN	Group of males	OF84wx	WIA
14020	3	2012	10	14	08:35-- 09:10	J3E/U		315 CLN	2 males	OF84wx	WIA
14020	3	2012	10	16	01:40-- 02:00	J3E/U		315 CLN	Group of males	OF84wx	WIA
14020	3	2012	10	18	23:40-- 01:20	J3E/U		315 CLN	2 males	OF84wx	WIA
14020.3	3	2012	10	1	2130	J3E/U			DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
14021	3	2012	10	9	23:05-- 23:25	J3E/U		315 CLN	Group of males	OF84wx	WIA
14021	3	2012	10	13	00:40-- 01:05	J3E/U		315 CLN	2 males	OF84wx	WIA
14021	3	2012	10	13	02:10-- 04:18	J3E/U		315 CLN	Group of males, on-off	OF84wx	WIA
14021	3	2012	10	14	22:57-- 23:23	J3E/U		315 CLN	Group of males	OF84wx	WIA
14021.1	3	2012	10	8	0710	J3E/U			ASIAN	QG52xi	WIA
14021.8	1	2012	10	6	2025	F1B	200		BURSTS	QG52xi	WIA
14025	5	2012	10	8	0735	G7DF			HF MANPACK	QG52xi	WIA
14025	3	2012	10	6	23:05-- 23:17	J3E/U		315 CLN	2 males	OF84wx	WIA
14025	3	2012	10	7	23:00-- 23:10	J3E/U		315 CLN	2 males	OF84wx	WIA
14025	3	2012	10	11	00:00-- 00:55	J3E/U		315 CLN	2 males	OF84wx	WIA
14025	3	2012	10	17	23:08-- 23:20	J3E/U		315 CLN	2 males	OF84wx	WIA
14025.5	3	2012	10	17	23:35-- 23:55	J3E/U		315 CLN	2 males	OF84wx	WIA
14025.5	3	2012	10	19	23:55-- 00:22	J3E/U		315 CLN	Group of males	OF84wx	WIA
14025.6	3	2012	10	18	0850	J3E/U			ASIAN	QG52xi	WIA
14026	3	2012	10	4	23:30-- 00:08	J3E/U		315 CLN	2 males	OF84wx	WIA

14026	3	2012	10	5	00:25-- 02:35	J3E/U		315	CLN	Group of males, on-off	OF84wx	WIA
14028	2	2012	10	3	0835	J1C					QG52xi	WIA
14028.2	3	2012	10	25	1010	J3E/U				ASIAN	QG52xi	WIA
14029.7	3	2012	10	1	23:42-- 00:00	J3E/U		315	CLN	2 males	OF84wx	WIA
14030	2	2012	10	28	1010	J1C					QG52xi	WIA
14030	3	2012	10	8	<23:00-- 23:14	J3E/U		315	CLN	2 males	OF84wx	WIA
14030	3	2012	10	9	23:03-- 23:15	J3E/U		315	CLN	2 males	OF84wx	WIA
14030.6	3	2012	10	11	0905	J3E/U				ASIAN	QG52xi	WIA
14031	5	2012	10	11	0715	G7D				100'S OF SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA
14033	3	2012	10	4	0905	J3E/L				DAILY, SPANISH LANGUAGE	QG52xi	WIA
14033	3	2012	10	3	23:00-- 23:25	J3E/U		315	CLN	2 males	OF84wx	WIA
14033.8	3	2012	10	1	1205	J3E/U				ASIAN	QG52xi	WIA
14033.8	3	2012	10	1	23:10-- 23:20	J3E/U		315	CLN	2 males	OF84wx	WIA
14034	3	2012	10	2	0825	J3E/U				ASIAN	QG52xi	WIA
14034	3	2012	10	6	22:50-- 23:05	J3E/U		315	CLN	2 males	OF84wx	WIA
14035.2	3	2012	10	8	1015	J3E/U				ASIAN	QG52xi	WIA
14035.5	3	2012	10	21	23:45-- 00"00	J3E/U		315	CLN	2 males	OF84wx	WIA
14040	5	2012	10	7	0425	G7DF				HF MANPACK	QG52xi	WIA
14043	1	2012	10	6	0905	F1B	300			SHORT BURSTS	QG52xi	WIA
14045	3	2012	10	1	2125	J3E/U				DAILY, SPANISH LANGUAGE	QG52xi	WIA
14045	5	2012	10	6	0915	G7DF				HF MANPACK	QG52xi	WIA
14048	3	2012	10	1	0530	J3E/U			PHL	ALL DAY EVERY DAY. TAGALOG	QG52xi	WIA
14050	20	2012	10	28	1005	P0N				OTHR, BURSTS	QG52xi	WIA
14050	5	2012	10	6	2135	G7DF				HF MANPACK, HEARD MANY TIMES	QG52xi	WIA
14050.1	3	2012	10	27	1155	J3E/L				ASIAN	QG52xi	WIA
14050.1	3	2012	10	10	2110	J3E/U				ASIAN	QG52xi	WIA
14055	5	2012	10	14	0810	G7DF				HF MANPACK	QG52xi	WIA
14055.6	3	2012	10	1	1000	J3E/U				DAILY, ASIAN	QG52xi	WIA
14056	3	2012	10	1	23:20-- 23:40	J3E/U		315	CLN	2 males	OF84wx	WIA
14056.5	3	2012	10	8	2015	J3E/U				ASIAN	QG52xi	WIA
14060	5	2012	10	19	2005	G7DF				HF MANPACK	QG52xi	WIA
14064.5	3	2012	10	3	0840	J3E/L				DAILY, ASIAN	QG52xi	WIA

14064.5	3	2012	10	14	<08:10-- 08:15	J3E/L	360	?	2 males	OF84wx	WIA
14065	5	2012	10	7	0625	G7DF			HF MANPACK	QG52xi	WIA
14066.2	3	2012	10	17	0735	J3E/U			ASIAN	QG52xi	WIA
14066.5	3	2012	10	3	0735	J3E/U			ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA
14066.8	3	2012	10	4	0905	J3E/L			ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA
14067	3	2012	10	2	0925	J3E/U			ASIAN	QG52xi	WIA
14067.8	3	2012	10	26	00:10-- 00:12	J3E/L	315	CLN	2 males, short calls only	OF84wx	WIA
14070	5	2012	10	20	2220	G7DF			HF MANPACK	QG52xi	WIA
14070.1	3	2012	10	11	0720	J3E/L			ASIAN, SOUNDS BAHASA	QG52xi	WIA
14079	5	2012	10	29	0925	G7D			PAIRS OF SUBCARRIERS ON 150 HZ INTERVALS, IDLING	QG52xi	WIA
14080	3	2012	10	4	0940	J3E/U			ASIAN	QG52xi	WIA
14090	30	2012	10	11	0910	VXX			CODAR, SWEEPS 30 KHZ	QG52xi	WIA
14091.8	3	2012	10	24	0810	J3E/U			ASIAN	QG52xi	WIA
14092	3	2012	10	17	0910	J3E/U			ASIAN	QG52xi	WIA
14092.7	3	2012	10	1	1205	J3E/L			ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
14098.1	3	2012	10	3	0735	J3E/U			SPANISH LANGUAGE	QG52xi	WIA
14100	3	2012	10	23	0820	J3E/U			ASIAN	QG52xi	WIA
14101	3	2012	10	9	2040	J3E/L			ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
14105	3	2012	10	11	0910	J3E/U			ASIAN	QG52xi	WIA
14107.7	3	2012	10	6	0940	J3E/L			ASIAN, FAMILY NET. FISHBOATS, ENGINE NOISE	QG52xi	WIA
14112.3	3	2012	10	9	0940	J3E/L			ASIAN	QG52xi	WIA
14123.4	3	2012	10	29	0930	J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
14127	3	2012	10	3	0735	G7D			12 SUBCARRIERS ON 120 HZ INTERVALS	QG52xi	WIA
14127.1	3	2012	10	18	0855	J3E/L			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA
14131.2	3	2012	10	21	0820	J3E/L			SOUNDS ITALIAN	QG52xi	WIA
14132.7	3	2012	10	2	0920	J3E/U			ASIAN	QG52xi	WIA
14133		2012	10	2	0925	A1A			LETTER CIPHER, SOME NON-ENGLISH CHARACTERS	QG52xi	WIA
14133	3	2012	10	2	0930	J3E/U			DAILY, ASIAN, FAMILY NET	QG52xi	WIA
14136	5	2012	10	31	0830	G7D			8 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA
14140	5	2012	10	6	0940	G7DF			HF MANPACK	QG52xi	WIA
14148.2	3	2012	10	13	1000	J3E/U			DAILY, ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA

14148.9	3	2012	10	2	0930	J3E/U		ASIAN	QG52xi	WIA
14150	5	2012	10	28	1015	G7DF		HF MANPACK	QG52xi	WIA
14157.8	3	2012	10	2	0830	J3E/U		ASIAN, KIDS TALKING TO DADDY	QG52xi	WIA
14159.3	3	2012	10	16	0825	J3E/U		ASIAN	QG52xi	WIA
14160	1	2012	10	15	0815	F1B	250	CONTINUOUS	QG52xi	WIA
14169	1	2012	10	17	0740	F1B	200	CONTINUOUS	QG52xi	WIA
14180	3	2012	10	3	0845	J3E/U		ARABIC MUSIC ON SSB	QG52xi	WIA
14190	20	2012	10	12	2315	P0N		OTHR, BURSTS	QG52xi	WIA
14192	1	2012	10	11	0720	F1B	500		QG52xi	WIA
14202.1	3	2012	10	24	0815	J3E/U		ASIAN, FAMILY NET	QG52xi	WIA
14204	5	2012	10	4	0925	G7D		ABOUT 50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14210	50	2012	10	18	0845	P0N		OTHR, BURSTS	QG52xi	WIA
14220	50	2012	10	18	1200	P0N		OTHR, BURSTS	QG52xi	WIA
14223	3	2012	10	30	0910	J3E/U		ASIAN	QG52xi	WIA
14225	5	2012	10	8	0740	G7DF		HF MANPACK	QG52xi	WIA
14228.1	3	2012	10	4	0710	J3E/U		ASIAN	QG52xi	WIA
14230	5	2012	10	19	0800	G7DF		HF MANPACK	QG52xi	WIA
14239	5	2012	10	24	0815	G7D		100'S OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14240	1	2012	10	1	0530	F1B	250	DAILY	QG52xi	WIA
14245	5	2012	10	25	0950	G7DF		HF MANPACK	QG52xi	WIA
14265	5	2012	10	29	0930	G7D		PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS, IDLING	QG52xi	WIA
14266	1	2012	10	4	0910	F1B	250	CONTINUOUS	QG52xi	WIA
14280	1	2012	10	31	0830	F1B	250	CONTINUOUS	QG52xi	WIA
14280	5	2012	10	5	0735	G7D		ABOUT 50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14292	5	2012	10	4	0710	G7D		ABOUT 50 SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14305.3	3	2012	10	24	0820	J3E/U		ASIAN, FAMILY NET	QG52xi	WIA
14310	3	2012	10	17	0900	J3E/U		DAILY, ASIAN. NOT CHINESE.	QG52xi	WIA
14318.7	3	2012	10	23	0830	J3E/U		ASIAN	QG52xi	WIA
14321	3	2012	10	9	0945	J3E/U		ASIAN, SOUNDS CHINESE, FISHBOATS	QG52xi	WIA
14323.5	3	2012	10	30	1040	J3E/U		ASIAN	QG52xi	WIA
14335	3	2012	10	8	0745	J3E/U		ASIAN, SOUNDS CHINESE	QG52xi	WIA
14335.6	3	2012	10	31	0835	J3E/L		ASIAN	QG52xi	WIA
14336	1	2012	10	4	0810	F1B	850	CONTINUOUS	QG52xi	WIA
14338.7	3	2012	10	12	0920	J3E/L		ASIAN	QG52xi	WIA
14344	1	2012	10	9	0945	F1B	250	CONTINUOUS	QG52xi	WIA
14344	5	2012	10	6	0945	G7D		100'S OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA
14345.6	3	2012	10	2	0830	J3E/U		ASIAN, FAMILY NET	QG52xi	WIA

14352.7	3	2012	10	2	0915	J3E/L		DAILY, ASIAN	QG52xi	WIA
18070	20	2012	10	8	0805	P0N		OTHR, CONTINUOUS	QG52xi	WIA
18070	5	2012	10	1	0355	G7D		100'S OF SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA
18130	20	2012	10	21	0440	P0N		OTHR, CONTINUOUS	QG52xi	WIA
18135	5	2012	10	19	0630	G7DF		HF MANPACK	QG52xi	WIA
18150	20	2012	10	24	0750	P0N		OTHR, BURSTS	QG52xi	WIA
21000	6	2012	10	31	0935	A2A		QRS CW	QG52xi	WIA
21000	3	2012	10	25	0710	A1X		SOUNDS LIKE A COW	QG52xi	WIA
21000	15	2012	10	17	0935	VXX		UNUSUAL SHORT FAST FREQUENCY SWEEPS	QG52xi	WIA
21000	3	2012	10	8	0805	J3E/U		ASIAN	QG52xi	WIA
21000.7	3	2012	10	25	0950	J3E/U		ASIAN	QG52xi	WIA
21001.5	1	2012	10	6	0955	F1B	150	ASSOCIATED WITH ENCRYPTED SPEECH ON 20.997	QG52xi	WIA
21010	3	2012	10	25	0710	A1X		SOUNDS LIKE A COW	QG52xi	WIA
21012.5	3	2012	10	17	0944	J3E/U		DAILY, ASIAN	QG52xi	WIA
21020	5	2012	10	29	0240	G7DF		HF MANPACK	QG52xi	WIA
21021	3	2012	10	6	0955	J3E/L		DAILY, ASIAN, SOUNDS HINDI	QG52xi	WIA
21025	5	2012	10	29	0140	G7DF		HF MANPACK	QG52xi	WIA
21030	5	2012	10	7	0010	G7DF		HF MANPACK	QG52xi	WIA
21047	3	2012	10	25	0930	J3E/U		DAILY, ASIAN	QG52xi	WIA
21050	5	2012	10	7	0310	G7DF		DAILY, HF MANPACK	QG52xi	WIA
21052.1	3	2012	10	31	0920	J3E/L		DAILY, ASIAN	QG52xi	WIA
21101.4	3	2012	10	29	0240	J3E/U		ASIAN	QG52xi	WIA
21111.1	3	2012	10	20	0705	J3E/L		DAILY, ASIAN	QG52xi	WIA
21111.5		2012	10	27	0905	A1A		MIXED NUMBER/LETTER CIPHER	QG52xi	WIA
21122	5	2012	10	1	0315	G7D		8 SUBCARRIERS ON 200 HZ INTERVALS, HEAVY PSK	QG52xi	WIA
21130	20	2012	10	24	0735	P0N		OTHR, BURSTS	QG52xi	WIA
21140	200	2012	10	30	0915	P0N		OTHR, BURSTS	QG52xi	WIA
21150	20	2012	10	15	0755	P0N		OTHR, BURSTS	QG52xi	WIA
21154	3	2012	10	8	1010	J3E/L		ASIAN, SOUNDS TAGALOG OR BAHASA	QG52xi	WIA
21160	5	2012	10	31	0935	G7DF		HF MANPACK	QG52xi	WIA
21170	20	2012	10	2	0820	P0N		OTHR, CONTINUOUS	QG52xi	WIA
21170	20	2012	10	24	0735	P0N		OTHR, BURSTS	QG52xi	WIA
21176.6	3	2012	10	30	0930	J3E/U		ASIAN	QG52xi	WIA
21180	20	2012	10	4	0945	P0N		OTHR, BURSTS	QG52xi	WIA
21184		2012	10	25	1200	A1A		MIXED NUMBER/LETTER CIPHER, FOLLOWED BY F1B	QG52xi	WIA
21220	10	2012	10	4	0815	VXX		FAST CODAR-LIKE SWEEPS	QG52xi	WIA
21220	5	2012	10	3	0835	G7DF		HF MANPACK	QG52xi	WIA

21227	20	2012	10	29	0910	P0N	OTHR, SHORT BURSTS, UNUSUAL UPWARDS FREQ PROGRESSION	QG52xi	WIA
21250	5	2012	10	30	0935	G7DF	HF MANPACK	QG52xi	WIA
21250	20	2012	10	30	0935	VXX	CODAR-LIKE SWEEP, BUT VERY FAST	QG52xi	WIA
21270	40	2012	10	4	0815	P0N	OTHR, SHORT BURSTS	QG52xi	WIA
21280	5	2012	10	25	1025	G7DF	HF MANPACK	QG52xi	WIA
21292	5	2012	10	21	0840	G7D	8 PAIRS OF SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA
21300	40	2012	10	27	0905	P0N	OTHR, CONTINUOUS	QG52xi	WIA
21320	40	2012	10	19	0745	P0N	OTHR, SHORT BURSTS	QG52xi	WIA
21360	40	2012	10	4	0815	P0N	OTHR, SHORT BURSTS	QG52xi	WIA
21390	40	2012	10	29	0150	P0N	OTHR, SHORT BURSTS	QG52xi	WIA
21400	40	2012	10	20	0710	P0N	OTHR, SHORT BURSTS	QG52xi	WIA
21410	30	2012	10	24	0745	P0N	OTHR, CONTINUOUS	QG52xi	WIA
21445.6	3	2012	10	8	0810	J3E/U	ASIAN	QG52xi	WIA
21445.6	3	2012	10	8	0810	J3E/U	ASIAN	QG52xi	WIA
24900	5	2012	10	27	0100	G7DF	HF MANPACK	QG52xi	WIA
24900	6	2012	10	13	0555	A3E	ASIAN	QG52xi	WIA
24905	6	2012	10	3	0750	A3E	ASIAN	QG52xi	WIA
24910	5	2012	10	23	1025	G7DF	HF MANPACK, HEARD MANY TIMES	QG52xi	WIA
24912.5	6	2012	10	20	0140	A3E	ASIAN	QG52xi	WIA
24915	6	2012	10	3	0750	A3E	ASIAN	QG52xi	WIA
24919	5	2012	10	28	0650	G1D	BROAD PSK + PILOT CARRIER, CONTINUOUS	QG52xi	WIA
24925	6	2012	10	13	0935	A3E	ASIAN	QG52xi	WIA
24935	6	2012	10	3	0750	A3E	ASIAN	QG52xi	WIA
24937.5	6	2012	10	8	1005	A3E	ASIAN	QG52xi	WIA
24945	6	2012	10	8	1005	A3E	ASIAN	QG52xi	WIA
24950	6	2012	10	7	0005	A3E	ASIAN	QG52xi	WIA
24962.5	6	2012	10	14	0530	A3E	ASIAN	QG52xi	WIA
24965	6	2012	10	13	0055	A3E	ASIAN	QG52xi	WIA
24975	6	2012	10	5	0905	A3E	ASIAN	QG52xi	WIA
27990	30	2012	10	13	0640	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28000	3	2012	10	5	2340	J3E/U	ASIAN	QG52xi	WIA
28000	6	2012	10	1	0300	A3E	ASIAN	QG52xi	WIA
28005	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28008.3		2012	10	6	2330	A1A	4ION DRIFTNET BEACON	QG52xi	WIA
28010	5	2012	10	21	0955	G7DF	HF MANPACK	QG52xi	WIA
28010	6	2012	10	16	0835	A3E	ASIAN	QG52xi	WIA
28012.5	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28015	5	2012	10	1	0225	G7DF	HF MANPACK	QG52xi	WIA
28015	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA

28025	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28032	6	2012	10	1	0810	A3E	ASIAN	QG52xi	WIA
28035	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28037.5	6	2012	10	6	0540	A3E	ASIAN	QG52xi	WIA
28042.7	6	2012	10	8	0815	A3E	ASIAN	QG52xi	WIA
28045	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28050	6	2012	10	1	0425	A3E	ASIAN	QG52xi	WIA
28055	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28060	6	2012	10	21	0755	J3E/U	ITALIAN LANGUAGE	QG52xi	WIA
28062.5	6	2012	10	1	0815	A3E	ASIAN	QG52xi	WIA
28065	6	2012	10	1	0130	A3E	ASIAN	QG52xi	WIA
28075	3	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28080	6	2012	10	28	2320	A3E	ASIAN	QG52xi	WIA
28085	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28087.5	6	2012	10	8	0815	A3E	ASIAN	QG52xi	WIA
28090	3	2012	10	1	0425	A3E	ASIAN	QG52xi	WIA
28100	6	2012	10	1	0135	F3E	ASIAN	QG52xi	WIA
28105	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28110	6	2012	10	6	2330	A3E	ASIAN	QG52xi	WIA
28112.5	6	2012	10	8	0820	A3E	ASIAN	QG52xi	WIA
28115	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28116.8	6	2012	10	12	0935	A3E	ASIAN	QG52xi	WIA
28125	3	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28131	6	2012	10	6	2330	A3E	ASIAN	QG52xi	WIA
28135	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28137.5	6	2012	10	3	0820	A3E	ASIAN	QG52xi	WIA
28141	6	2012	10	28	2325	A3E	ASIAN	QG52xi	WIA
28145	6	2012	10	1	0425	A3E	ASIAN	QG52xi	WIA
28150	3	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28155	3	2012	10	1	0425	A3E	ASIAN	QG52xi	WIA
28162.5	3	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28165	3	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28175	6	2012	10	1	0135	F3E	ASIAN	QG52xi	WIA
28185	6	2012	10	1	0300	F3E	ASIAN	QG52xi	WIA
28187.5	6	2012	10	1	0135	F3E	ASIAN	QG52xi	WIA
28195	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28200	40	2012	10	5	0900	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28200	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28205	6	2012	10	1	0135	A3E	ASIAN	QG52xi	WIA
28212.5	6	2012	10	1	0300	F3E	ASIAN	QG52xi	WIA
28215	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28221	3	2012	10	6	2325	J3E/U	SPANISH LANGUAGE, BAND OPEN TO CENTRAL AMERICA	QG52xi	WIA
28225	6	2012	10	1	0140	F3E	ASIAN	QG52xi	WIA
28230	6	2012	10	6	2325	A3E	ASIAN	QG52xi	WIA

28235	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28237.5	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28245	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28250	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28255	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28262.5	6	2012	10	1	0815	A3E	ASIAN	QG52xi	WIA
28265	6	2012	10	1	0430	A3E	ASIAN	QG52xi	WIA
28275	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28280	6	2012	10	1	0430	A3E	ASIAN	QG52xi	WIA
28285	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28287.5	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28295	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28300	20	2012	10	10	0720	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28300	6	2012	10	1	0140	F3E	ASIAN	QG52xi	WIA
28305	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28312.5	6	2012	10	8	0820	A3E	ASIAN	QG52xi	WIA
28315	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28320	6	2012	10	3	0815	A3E	ASIAN	QG52xi	WIA
28325	6	2012	10	1	0140	A3E	ASIAN	QG52xi	WIA
28335	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28340	6	2012	10	8	0820	A3E	ASIAN	QG52xi	WIA
28350	6	2012	10	1	0145	F3E	ASIAN	QG52xi	WIA
28355	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28362.5	6	2012	10	1	0820	A3E	ASIAN	QG52xi	WIA
28365	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28368	6	2012	10	1	0820	A3E	ASIAN	QG52xi	WIA
28375	6	2012	10	1	0145	F3E	ASIAN	QG52xi	WIA
28385	6	2012	10	1	0255	A3E	ASIAN	QG52xi	WIA
28387.5	6	2012	10	8	0825	A3E	ASIAN	QG52xi	WIA
28395	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28400	6	2012	10	1	0255	F3E	ASIAN	QG52xi	WIA
28405	6	2012	10	1	0255	A3E	ASIAN	QG52xi	WIA
28412.5	6	2012	10	1	0255	A3E	ASIAN	QG52xi	WIA
28415	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28425	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28435	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28437.5	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28440	6	2012	10	8	0825	A3E	ASIAN	QG52xi	WIA
28445	6	2012	10	1	0820	A3E	ASIAN	QG52xi	WIA
28450	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28455	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28462.5	6	2012	10	6	2335	A3E	ASIAN	QG52xi	WIA
28465	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28475	6	2012	10	1	0435	A3E	ASIAN	QG52xi	WIA
28476.5	1	2012	10	10	0800	F1B	CONTINUOUS	QG52xi	WIA

28485	6	2012	10	1	0145	A3E	ASIAN	QG52xi	WIA
28487.5	6	2012	10	8	0825	A3E	ASIAN	QG52xi	WIA
28495	6	2012	10	6	2335	A3E	ASIAN	QG52xi	WIA
28500	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28505	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28512.5	6	2012	10	1	0435	A3E	ASIAN	QG52xi	WIA
28515	6	2012	10	1	0820	A3E	ASIAN	QG52xi	WIA
28525	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28530	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28535	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28537.5	6	2012	10	1	0950	A3E	ASIAN	QG52xi	WIA
28550	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28555	6	2012	10	1	0435	A3E	ASIAN	QG52xi	WIA
28560	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28562.5	6	2012	10	1	0950	A3E	ASIAN	QG52xi	WIA
28565	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28575	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28580	20	2012	10	20	0720	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28585	6	2012	10	1	0440	A3E	ASIAN	QG52xi	WIA
28587.5	6	2012	10	1	0945	A3E	ASIAN	QG52xi	WIA
28595	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28600	6	2012	10	1	0250	F3E	ASIAN	QG52xi	WIA
28605	6	2012	10	1	0440	A3E	ASIAN	QG52xi	WIA
28612.5	6	2012	10	1	0440	A3E	ASIAN	QG52xi	WIA
28615	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28620	6	2012	10	1	0825	A3E	ASIAN	QG52xi	WIA
28625	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28635	6	2012	10	1	0440	A3E	ASIAN	QG52xi	WIA
28637.5	6	2012	10	1	0825	A3E	ASIAN	QG52xi	WIA
28640	6	2012	10	6	2340	A3E	ASIAN	QG52xi	WIA
28645	6	2012	10	1	0440	A3E	ASIAN	QG52xi	WIA
28650	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28655	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28665	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28675	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28680	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28685	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28687.5	6	2012	10	6	2340	A3E	ASIAN	QG52xi	WIA
28690	6	2012	10	1	0825	A3E	ASIAN	QG52xi	WIA
28695	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28700	6	2012	10	1	0250	A3E	ASIAN	QG52xi	WIA
28705	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA

28712.5	6	2012	10	13	0605	A3E	ASIAN	QG52xi	WIA
28715	6	2012	10	1	0440	A3E	ASIAN	QG52xi	WIA
28725	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28735	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28737.5	6	2012	10	28	2330	F3E	ASIAN	QG52xi	WIA
28740	6	2012	10	19	0825	A3E	ASIAN	QG52xi	WIA
28745	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28750	6	2012	10	1	0445	F3E	ASIAN	QG52xi	WIA
28755	6	2012	10	1	0445	A3E	ASIAN	QG52xi	WIA
28760	6	2012	10	1	0445	A3E	ASIAN	QG52xi	WIA
28762.5	6	2012	10	1	0445	A3E	ASIAN	QG52xi	WIA
28765	6	2012	10	6	2350	A3E	ASIAN	QG52xi	WIA
28775	6	2012	10	1	0150	A3E	ASIAN	QG52xi	WIA
28780	6	2012	10	1	0450	A3E	ASIAN	QG52xi	WIA
28787.5	3	2012	10	3	0810	J3E/U	ASIAN	QG52xi	WIA
28787.5	6	2012	10	6	2350	A3E	ASIAN	QG52xi	WIA
28800	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA
28805	6	2012	10	6	2350	A3E	ASIAN	QG52xi	WIA
28812.5	6	2012	10	1	0915	A3E	ASIAN	QG52xi	WIA
28815	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA
28825	6	2012	10	1	0450	A3E	ASIAN	QG52xi	WIA
28837.5	6	2012	10	1	0915	A3E	ASIAN	QG52xi	WIA
28845	6	2012	10	6	2355	A3E	ASIAN	QG52xi	WIA
28850	6	2012	10	1	0155	F3E	ASIAN	QG52xi	WIA
28862.5	6	2012	10	1	0450	A3E	ASIAN	QG52xi	WIA
28870	20	2012	10	21	0700	P0N	OTHR, CONTINUOUS	QG52xi	WIA
28875	6	2012	10	1	0245	A3E	ASIAN	QG52xi	WIA
28880	6	2012	10	1	0450	A3E	ASIAN, SW BROADCAST	QG52xi	WIA
28887.5	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA
28890	6	2012	10	1	0245	A3E	ASIAN	QG52xi	WIA
28895	6	2012	10	1	0450	A3E	ASIAN	QG52xi	WIA
28900	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA
28912.5	6	2012	10	1	0450	A3E	ASIAN	QG52xi	WIA
28925	6	2012	10	1	0155	F3E	ASIAN	QG52xi	WIA
28935	6	2012	10	6	2355	A3E	ASIAN	QG52xi	WIA
28937.5	6	2012	10	1	0450	A3E	ASIAN	QG52xi	WIA
28940	6	2012	10	31	1015	A3E	ASIAN	QG52xi	WIA
28945	6	2012	10	1	0245	A3E	ASIAN	QG52xi	WIA
28950	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA
28962.5	6	2012	10	1	0910	A3E	ASIAN	QG52xi	WIA
28965	6	2012	10	8	0830	A3E	ASIAN	QG52xi	WIA
28975	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA

28980	8	2012	10	1	0245	F3E	ASIAN, SW BROADCAST	QG52xi	WIA
28985	6	2012	10	16	0900	A3E	ASIAN	QG52xi	WIA
28987.5	6	2012	10	1	0910	A3E	ASIAN	QG52xi	WIA
29000	6	2012	10	1	0155	A3E	ASIAN	QG52xi	WIA
29010	6	2012	10	1	0245	A3E	ASIAN	QG52xi	WIA
29012.5	6	2012	10	19	0830	A3E	ASIAN	QG52xi	WIA
29020	6	2012	10	3	0805	A3E	ASIAN	QG52xi	WIA
29025	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29037.5	6	2012	10	1	0830	A3E	ASIAN	QG52xi	WIA
29050	6	2012	10	1	0240	A3E	ASIAN	QG52xi	WIA
29060	6	2012	10	16	0900	A3E	ASIAN	QG52xi	WIA
29062.5	6	2012	10	1	0900	A3E	ASIAN	QG52xi	WIA
29070	6	2012	10	16	0900	A3E	ASIAN	QG52xi	WIA
29075	6	2012	10	1	0455	A3E	ASIAN	QG52xi	WIA
29085	6	2012	10	1	0900	A3E	ASIAN	QG52xi	WIA
29087.5	6	2012	10	19	0830	A3E	ASIAN	QG52xi	WIA
29090	6	2012	10	28	2335	A3E	ASIAN	QG52xi	WIA
29095	100	2012	10	31	1015	A2A	LIKE MCW BUT VERY, VERY WIDE	QG52xi	WIA
29100	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29110	6	2012	10	3	0805	A3E	ASIAN	QG52xi	WIA
29112.5	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29115	6	2012	10	4	0855	A3E	ASIAN	QG52xi	WIA
29125	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29130	6	2012	10	1	0240	A3E	ASIAN	QG52xi	WIA
29137.5	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29150	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29162.5	6	2012	10	1	0855	A3E	ASIAN	QG52xi	WIA
29175	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29180	6	2012	10	3	0800	A3E	ASIAN	QG52xi	WIA
29187.5	6	2012	10	1	0240	A3E	ASIAN	QG52xi	WIA
29200	6	2012	10	1	0200	F3E	ASIAN	QG52xi	WIA
29212.5	6	2012	10	1	0850	A3E	ASIAN	QG52xi	WIA
29215	6	2012	10	28	2335	A3E	ASIAN	QG52xi	WIA
29225	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29237.5	6	2012	10	1	0455	A3E	ASIAN	QG52xi	WIA
29245	6	2012	10	8	0835	A3E	ASIAN	QG52xi	WIA
29250	6	2012	10	1	0455	A3E	ASIAN	QG52xi	WIA
29262.5	6	2012	10	1	0455	A3E	ASIAN	QG52xi	WIA
29275	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29287.5	6	2012	10	1	0830	A3E	ASIAN	QG52xi	WIA
29300	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA
29312.5	6	2012	10	1	0830	A3E	ASIAN	QG52xi	WIA
29325	6	2012	10	4	0850	A3E	ASIAN	QG52xi	WIA
29330	6	2012	10	1	0240	A3E	ASIAN	QG52xi	WIA

29350	6	2012	10	1	0200	F3E	ASIAN	QG52xi	WIA			
29362.5	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA			
29375	6	2012	10	1	0200	A3E	ASIAN	QG52xi	WIA			
29385	6	2012	10	19	0830	A3E	ASIAN	QG52xi	WIA			
29387.5	6	2012	10	1	0845	A3E	ASIAN	QG52xi	WIA			
29400	6	2012	10	1	0235	A3E	ASIAN	QG52xi	WIA			
29412.5	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29425	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29430	6	2012	10	1	0235	A3E	ASIAN	QG52xi	WIA			
29437.5	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29450	6	2012	10	1	0235	A3E	ASIAN	QG52xi	WIA			
29462.5	6	2012	10	1	0235	A3E	ASIAN	QG52xi	WIA			
29467.5	6	2012	10	21	0830	A3E	ASIAN	QG52xi	WIA			
29475	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29487.5	6	2012	10	1	0500	A3E	ASIAN	QG52xi	WIA			
29500	6	2012	10	1	0500	A3E	ASIAN	QG52xi	WIA			
29512.5	6	2012	10	1	0840	A3E	ASIAN	QG52xi	WIA			
29515	6	2012	10	1	0835	A3E	ASIAN	QG52xi	WIA			
29525	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29537.5	6	2012	10	1	0835	A3E	ASIAN	QG52xi	WIA			
29550	6	2012	10	1	0225	A3E	ASIAN	QG52xi	WIA			
29555	6	2012	10	21	0830	A3E	ASIAN	QG52xi	WIA			
29562.5	6	2012	10	1	0840	A3E	ASIAN	QG52xi	WIA			
29575	6	2012	10	1	0205	F3E	ASIAN	QG52xi	WIA			
29587.5	6	2012	10	1	0840	A3E	ASIAN	QG52xi	WIA			
29612.5	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29625	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29637.5	6	2012	10	1	0230	A3E	ASIAN	QG52xi	WIA			
29650	6	2012	10	1	0220	F3E	ASIAN	QG52xi	WIA			
29662.5	6	2012	10	1	0210	A3E	ASIAN	QG52xi	WIA			
29672		2012	10	28	2340	A1A	MIXED NUMBER/LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA			
29675	6	2012	10	1	0205	F3E	ASIAN	QG52xi	WIA			
29687.5	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
29700	6	2012	10	1	0205	A3E	ASIAN	QG52xi	WIA			
10107.5		2012	10	20	<1705>	17005	J3E/U	Fishing boat Asian language Intruder	RE68XL	NZART	ZL2TZE	
13142.5	11	2012	10	18	<0414>	0414	P0N	OTHR 66pps S5	RF73MF	NZART	ZL1GWE	
14001.7		2012	10	19	<0145-0155>		J3E/U	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		
14004.3		2012	10	19	<0220-0230>		J3E/U	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI		

14014		2012	10	11	<0145-0200>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014		2012	10	31	<0230-0245>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14015		2012	10	06	<0120-0135>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14018		2012	10	11	<0145-0200>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020		2012	10	19	<0220-0230>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2012	10	06	<0125-0135>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14100	50	2012	10	12	<1855>	1855	P0N	?	?	Unid	CODAR Sea State Radar	RF72LQ	NZART	ZL1BAD
14100	50	2012	10	16	<1930>	1930 0500-0620	P0N	?	?	Unid	CODAR Sea State Radar OTHR short bursts S1	RF72LQ	NZART	ZL1BAD
14109	12	2012	10	08	<0500>	0620	P0N	?		?		RF73IJ	NZART	ZL1TPH
14128		2012	10	29	<1130-1140>		J3E/U		UNID	UNID	2-OM QSO; SINHALA WORD FREQUENTLY USED	NL06	ARSI	
14182.5	9	2012	10	12	<2237>	2237-2318	P0N	?		?	OTHR short bursts S1	RF73IJ	NZART	ZL1TPH
14187		2012	10	13	<2246>	2246	P0N	?	?	Unid	OTHR S5	RE68XL	NZART	ZL2TZE
14192		2012	10	23	<1100>	1100	F1B	?	?	Unid	Idle sigs	RF72LQ	NZART	ZL1BAD
14233		2012	10	DY	HX	HX	G7DE	?	?	Unid	HF Man Pack 8 PSK 5 Sec burst evry 20 secs. 54 PPS	RF72LQ	NZART	ZL1BAD
14233	30	2012	10	08	<0145>	0145-0340	P0N	?	?	Unid		RF72LQ	NZART	ZL1BAD
14233		2012	10	DY	HX	HX	G7DE/F	?	?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
14233		2012	10	DY	HX	HX	G7DE	?	?	Unid	HF Man Pack 6 PSK	RF72LQ	NZART	ZL1BAD
14257.7	11	2012	10	12	<2324>	2324-2334	P0N	?	?	?	OTHR short bursts S1	RF73IJ	NZART	ZL1TPH
145895.0	5	2012	10	29	<1200-1240>		F3E		UNID	UNID	NON AMATEUR SE ASIAN TRAFFIC, WHEN VO-52 HAD A PASS OVER MY QTH	NL06	ARSI	
18052.5	23	2012	10	02	<0549>	0549-0549 0346-0557	P0N	?	?	?	OTHR continous S5	RF73IJ	NZART	ZL1TPH
18128	10	2012	10	21	<0446>	0557	P0N	330	?	Unid	OTHR 66pps S5	RF73MF	NZART	ZL1GWE
18130.5	11	2012	10	14	<0356>	0356	P0N	?	?	Unid	OTHR S5 on top of Pactor signals	RF73iJ	NZART	ZL1TPH
18135		2012	10	21	<0438>	0434	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73Mf	NZART	ZL1GWE
18142.5	23	2012	10	30	<0551>	0551-0555	P0N	?	?	?	OTHR short burst S9 66pps	RF73IJ	NZART	ZL1TPH
18143	14	2012	10	19	<0451>	0451-	P0N	?	?	?	OTHR short bursts S5	RF73IJ	NZART	ZL1TPH

										0453					
20041	14	2012	10	27	<0603>	0603	P0N	330	?	Unid	OTHR S6 64 PPS	RF73MF	NZART	ZL1GWE	
21000		2012	10	26	<0558>	0558	J3E	330	?	Unid	Asian guteral oohs S3	Rf73MF	NZART	ZL1GWE	
21000		2012	10	27	<0603>	0603-	N0N	330	?	Unid	Carrier continuous S2	RF73MF	NZART	ZL1GWE	
21002		2012	10	22	<0405>	0405	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21012		2012	10	21	<0032>	0032	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21052		2012	10	31	<0915-0925>		J3E/U			UNID UNID	OM-YL SE ASIANS TALK;NON FISHING; TELEPHONE QSO TYPE.	MK82	ARSI		
21054		2012	10	26	<0610>	0610	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE	
21081		2012	10	22	<0344>	0344	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21092		2012	10	22	<0414.	0414	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21108		2012	10	22	<0630>	0630	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF763	NZART	ZL1GWE	
21122		2012	10	22	<0405>	0495	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21143		2012	10	27	<0612>	0612	N0N	330	?	Unid	Carrier continuous S3	RF73MF	NZART	ZL1GWE	
21147		2012	10	22	<0630>	0630	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE	
21168	20	2012	10	10	<0456>	0500	P0N	?	?	?	OTHR continous S1	RF73IJ	NZART	ZL1TPH	
21185		2012	10	22	<0408>	0408	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73Mf	NZART	ZL1GWE	
21217		2012	10	21	<0529>	0529	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21225		2012	10	22	<0412.	0412	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21244	14	2012	10	26	<0704>	0710	P0N	?	?	?	OTHR continous S5	RF73IJ	NZART	ZL1TPH	
21282		2012	10	22	<0626>	0626	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21300	22	2012	10	22	<0334>	0335	P0N	330	?	Unid	OTHR 51 PPS S6 continous	RF73MF	NZART	ZL1GWE	
21303.5	23	2012	10	31	<0615>	0615-0630	P0N	?	?	?	OTHR short burst S2	RF73IJ	NZART	ZL1TPH	
21313.5	13	2012	10	12	<0340>	0340-0410	P0N	?	?	?	OTHR short bursts S8	RF73IJ	NZART	ZL1TPH	
21314		2012	10	22	<0630>	0630	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21319	14	2012	10	18	<0740>	0740	P0N	330	?	Unid	OTHR 66pps S8	RF73MF	NZART	ZL1GWE	
21321	14	2012	10	26	<0710>	0710	P0N	?	?	?	OTHR short burst S9	RF73IJ	NZART	ZL1TPH	
21325	22	2012	10	26	<0942>	0942	P0N	?	?	Unid	OTHR 66 pps	WebSDR	NZART	VR2BG/P	
21356		2012	10	22	<0406>	0406	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21360		2012	10	22	<0410>	0410	G7DF	330	?	Unid	HF Man Pack S1 6-PSK	RF73Mf	NZART	ZL1GWE	
21381		2012	10	22	<0626>	0626	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE	
21400		2012	10	21	<0529>	0529	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21410		2012	10	22	<0421>	0421	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21422	16	2012	10	27	<0500>	0603	P0N	330	?	Unid	OTHR S9 66 PPS	RF73MF	NZART	ZL1GWE	
21423		2012	10	22	<0629>	0629	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE	
21430		2012	10	22	<0419.	0419	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21434		2012	10	22	<0409>	0409	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73MF	NZART	ZL1GWE	
21437		2012	10	22	<0630>	0630	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE	
24885		2012	10	14	<0500>	0500	P0N	?	?	Unid	OTHR 50 PPS S67 Continious	RF80HL	NZART	ZL2iFB	
24902		2012	10	27	<0637>	0637	G7DF	330	?	Unid	HF Man Pack S1 6-PSK	RF73MF	NZART	ZL1GWE	
24909		2012	10	22	,0458>	0458	G7DF	330	?	Unid	HF Man Pack S1 6-PSK	RF73MF	NZART	ZL1GWE	

24926		2012	10	21	<0510>	0510	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73Mf	NZART	ZL1GWE
24927		2012	10	21	<0512>	0512	G7DF	330	?	Unid	HF Man Pack S1 8-PSK	RF73Mf	NZART	ZL1GWE
28000		2012	10	20	<2300>	2300-0554	A3E	330	IND	Unid	Non Amateurs taken over 28000 S3 Indonesian	RF73MF	NZART	ZL1GWE
28000		2012	10	22	<0353>	0353	A3E	330	IND	Unid	Non Amateurs S1 Indonesian	RF73Mf	NZART	ZL1GWE
28016		2012	10	21	<0554>	0554	A3E	330	IND	Unid	Non Amateurs S2 Indonesian	RF73MF	NZART	ZL1GWE
28035		2012	10	20	<2300>	2300	A3E	330	IND	Unid	Non Amateurs taken over 28000 S3 Indonesian	RF73MF	NZART	ZL1GWE
28125		2012	10	21	<0553>	0553	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	RF73MF	NZART	ZL1GWE
28150		2012	10	21	<0031>	0031	A3E	330	IND	Unid	Non Amateurs S2 Indonesian	RF73MF	NZART	ZL1GWE
28175		2012	10	21	<0549>	0549	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	Rf73MF	NZART	ZL1GWE
28225		2012	10	22	<0358>	0358	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	RF73MF	NZART	ZL1GWE
28240		2012	10	08	<0940>	0940	G7DE	?	?	Unid	HF Man Pack 1 PSK likely to be SOM or SOC conversation.	RF72LQ	NZART	ZL1BAD
28305		2012	10	21	<0549>	0549	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	RF73MF	NZART	ZL1GWE
28325		2012	10	21	<0612>	0612	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	Rf73MF	NZART	ZL1GWE
28325		2012	10	22	<0358>	03558	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	RF73Mf	NZART	ZL1GWE
28372		2012	10	20	<2328>	2328	G7DF	330	?	Unid	HF Man Pack S3 8-PSK	RF73MF	NZART	ZL1GWE
28375		2012	10	20	<2329>	2329	A3E	330	IND	Unid	Non Amateurs taken over 28000 S3 Indonesian	RF73MF	NZART	ZL1GWE
28400		2012	10	20	<2333>	2333	A3E	330	IND	Unid	Non Amateurs taken over 28000 S3 Indonesian	RF73MF	NZART	ZL1GWE
28425		2012	10	21	<0611>	0611	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	Rf73MF	NZART	ZL1GWE
28450		2012	10	22	<0358>	0358	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	RF73MF	NZART	ZL1GWE
28500		2012	10	21	<0610>	0610	A3E	330	IND	Unid	Non Amateurs S2 Indonesian	RF73Mf	NZART	ZL1GWE
28500		2012	10	22	<0357>	0357	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	Rf73MF	NZART	ZL1GWE
28525		2012	10	21	<0609>	0609	A3E	330	IND	Unid	Non Amaterurs S4 Indonesian	RF73MF	NZART	ZL1GWE
28624	23	2012	10	26	<0643>	0643-0710	P0N	330	?	Unid	OTHR 50 PPS S8	RF73MF	NZART	ZL1GWE
28725		2012	10	21	<0608>	0608	A3E	330	IND	Unid	Non Amateurs S3 Indonesian	Rf73MF	NZART	ZL1GWE
28866.5	21	2012	10	21	<0625>	0625-0713	P0N	330	?	Unid	OTHR 50 PPS S7 Continious	RF73MF	NZART	ZL1GWE
29000		2012	10	21	<0648>	0648	A3E	330	IND	Unid	Non Amateurs S4 Indonesian	RF73MF	NZART	ZL1GWE
3708		2012	10	22	<0636>	0636	G7DF	?	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
3745		2012	10	20	<1705>	1705	J3E/U	?	IND	Unid	Indonesian S3 increasing to S8	RE68XL	NZART	ZL2TZE
3798	0.5	2012	10	30		21:56	A1A				h2fl h2fl h2fl de drvz drvz v	JARL		
3837		2012	10	22	<0635>	0635	G7DF	?	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
7000	+100	2012	10	02	<0945>	0945	P0N	?	?	Unid	Out of band OTHR spreading to 7010 220kHz wide FC 6900 kHz	RF72LQ	NZART	ZL1BAD
7000		2012	10	04	<1005>	1005	P0N	?	?	Unid	Out of band OTHR spreading to 7010	RF72LQ	NZART	ZL1BAD
7000		2012	10	DY	<1700>	1700-2035	J3E/U	?	?	Unid	Non-amateurs - when OTHR is not present	RF72LQ	NZART	ZL1BAD
7022	3	2012	10	26	1614		P0N	non	non	non	unknown pulse mode P0N	PM97	JARL	non
7028	4	2012	10	18	<0525>	0525	?	?	?	Unid	Multi. Tone mod. Carriers. R/T System	RF72LQ	NZART	ZL1BAD

7037		2012	10	12	<1941>	1941	G7B	?	?	Unid	Modem, or water pouring type sound S9 + 10	RE68XL	NZART	ZL2TZE
7039		2012	10	DY	<1700>	1700- 2035	A1A	?	RUS	A	Astrakhan (No call sign) Beacon A	RF72LQ	NZART	ZL1BAD
7039		2012	10	DY	<1700>	1700- 2035	A1A	?	RUS	F	Vladivostok - Beacon F - RJS	RF72LQ	NZART	ZL1BAD
7039		2012	10	DY	<1700>	1700- 2035	A1A	?	RUS	P	Kaliningrad - Beacon P -RMP	RF72LQ	NZART	ZL1BAD
7039	0.5	2012	10	01	1206	H24	A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	01	1208		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	01	1604		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	01	1608		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	01	1816		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	02	1206		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	02	1208		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	02	1212		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	02	1604		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	02	1606		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	02	1610		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	02	1820		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	02	1822		A1A	15	KRE	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	02	1826		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	03	1204		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	03	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	03	1210		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	03	1610		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	03	1612		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	10	03	1616	H24	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	03	1820		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	04	1206		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	04	1210		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	04	1606		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	04	1710		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	04	1820		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	04	2310		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	05	1204		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	05	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	05	1210		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	05	1606		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	05	1704		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	05	1840		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	05	2310		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	06	1204		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	06	1206		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Hohhot
7039	0.5	2012	10	06	1604		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	06	1608		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	06	1810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	06	1812		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	06	1816		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	10	06	2304	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	07	1206	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	07	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	07	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	07	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	07	1810	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	07	2210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	08	1208	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	08	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	08	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	08	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	08	1810	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	09	0900	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	09	0902	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	09	0904	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	09	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	09	1208	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	09	1606	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	09	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	09	1830	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	09	2304	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	09	2310	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	10	10	0830	H24	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	10	0834		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	10	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	10	1210		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	10	1604		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	10	1608		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	10	1816		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	10	1820		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	11	1210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	11	1216		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	11	1604		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	11	1608		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	11	1846		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	11	2220		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	11	2306		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	11	2310		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	12	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	12	1610		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	12	1614		A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	12	1920		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	12	2304		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	13	1008		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	10	13	1012	H24	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	13	1204		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	13	1208		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	13	1604		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	13	1608		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	13	1810		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	13	1814		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	13	2230		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	13	2310		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	14	0954		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	14	0958		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	14	1206		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	15	1006		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	15	1008		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	15	1012		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	15	1204		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	15	1208		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	15	1620		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	15	1840		A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	15	2220		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	16	1220		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	16	1810		A1A	15	RUS	K--signanl	Beacon	PM97	JARL	Magadan

7039	0.5	2012	10	17	1010	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	17	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	17	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	17	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	17	1608	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	17	1706	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	17	1910	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	17	1914	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	17	2230	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	17	2310	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	18	1010	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	18	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	18	1204	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	18	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	18	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	18	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	18	1810	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	18	2220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	18	2310	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	19	1008	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	19	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	19	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL	Kamchatskiy

7039	0.5	2012	10	19	1206	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	19	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	19	1214	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	19	1602	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	19	1606	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	19	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	19	1814	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	19	1818	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	19	2218	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	19	2220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	19	2308	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	19	2310	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	20	1010	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	20	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	20	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	20	1208	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	20	1212	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	20	1604	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	20	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	20	1830	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	20	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	21	1006	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	10	21	1008	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	21	1010	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	21	1220	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	21	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	21	1228	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	21	1604	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	21	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	21	1612	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	21	1940	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	21	1944	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	21	1948	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	21	2216	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	22	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	22	1008	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	22	1012	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	22	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	22	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	22	1608	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	22	1840	A1A	37	RUS	K--signanl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	22	1844	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	22	2220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	22	2222	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	10	23	1006	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	23	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	23	1014	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	23	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	23	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	23	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	23	1842	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	23	1846	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	23	2220	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	24	1310	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	24	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	24	1740	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	24	2130	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	24	2230	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	24	2310	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	25	0140	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	25	1020	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	25	1024	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	25	1028	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	25	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	25	1206	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	25	1210	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok

7039	0.5	2012	10	25	1604	H24	A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	25	1608		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	25	1820		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	25	1824		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	25	2220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	26	0110		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	26	1204		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	26	1208		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	26	1606		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	26	1610		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	26	1940		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	26	2230		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	26	2310		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	27	1004		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	27	1008		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	27	1012		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	27	1220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	27	1224		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	27	1228		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	27	1608		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	27	1612		A1A	37	RUS	K--signaI	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	27	1906		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	10	27	2218	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	28	0104	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	28	1204	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	28	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	28	1606	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	28	1610	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	28	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	29	1020	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	29	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	29	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	29	1608	A1A	37	RUS	K--siganl	Beacon	PM97	JARL	Kamchatskiy
7039	0.5	2012	10	29	1910	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	29	2230	A1A	321	RUS	F--signal	Beacon	PM97	JARL	Vladivostok
7039	0.5	2012	10	29	2234	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	29	2234	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	30	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	30	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	30	1608	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	30	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	30	2230	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	31	0130	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	31	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan

7039	0.5	2012	10	31	1204		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	31	1606		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	31	1910		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039	0.5	2012	10	31	2230		A1A	15	RUS	M--signal	Beacon	PM97	JARL	Magadan
7039.0		2012	10	DY	<1700>	1700-2035	A1A	?	RUS	C	Moscow - Beacon C - RIW	RF72LQ	NZART	ZL1BAD
7039.3		2012	10	DY	<1700>	1700-2035	A1A	?	RUS	K	Petropavlovsk - Beacon K - RCC	RF72LQ	NZART	ZL1BAD
7039.4		2012	10	DY	<1700>	1700-2035	A1A	?	RUS	M	Magadan - Beacon M - RTS	RF72LQ	NZART	ZL1BAD
7039.9		2012	10	DY	<1700>	1700-2035	A1A	?	RUS	S	Severomorsk - Beacon S - RIT	RF72LQ	NZART	ZL1BAD
7040	0.5	2012	10	28		18:27	A1A				train of " M ", " K "		JARL	
7040	0.5	2012	10	29		18:17	A1A				train of " K ", " M "		JARL	
7040	0.5	2012	10	30		22:00	A1A				train of " M "		JARL	
7040	0.5	2012	10	31		20:53	A1A				train of " M ", " K "		JARL	
7054		2012	10	18	<0330>	0330-0650	N0N	?	?	Unid	Un-mod carrier running continuously	RF72LQ	NZART	ZL1BAD
7069		2012	10	19	<0105>	0105	A3E	?	?	Unid	Broadcast station Bell tone Suspected African domestic station	RE68XL	NZART	ZL2TZE
7105	3	2012	10	01	2158		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	01	2200		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	01	2204		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	01	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	02	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	02	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	03	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	03	2210		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	04	2158		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	04	2200		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	04	2204		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non

7105	3	2012	10	04	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	3	2012	10	05	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	05	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	05	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	05	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	3	2012	10	06	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	06	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	06	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	06	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	3	2012	10	07	2157	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	07	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	07	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	08	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	08	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	08	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	3	2012	10	09	2156	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	09	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	09	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	09	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	10	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	10	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	11	2157	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	11	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot

7105	3	2012	10	11	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	11	2300	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	3	2012	10	12	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	12	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	12	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	12	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	3	2012	10	13	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	13	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	13	2204	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	13	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	14	2208	A3E	273	RUS	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	14	2212	A3E	non	RUS	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	15	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	15	2214	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	15	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	16	2208	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	16	2212	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	17	2158	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	17	2200	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	17	2206	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	17	2258	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	18	2210	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	18	2214	A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non

7105	5	2012	10	18	2258	H24	A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	0.5	2012	10	19	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	0.5	2012	10	19	2212		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	19	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	20	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	20	2210		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	21	2206		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	21	2208		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	22	2210		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	22	2214		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	23	2208		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	23	2212		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	24	2158		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	24	2200		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	24	2204		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	24	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	25	2208		A3E	37	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	25	2212		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	26	2158		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	26	2200		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start	PM97	JARL	Hohhot
7105	3	2012	10	26	2204		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	5	2012	10	26	2258		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT	PM97	JARL	Hohhot
7105	5	2012	10	27	2210		A3E	273	CHN	PBS Nei Meng	Chinese Talk and Music	PM97	JARL	Hohhot
7105	3	2012	10	27	2212		A3E	non	CHN	non	Chinese Talk and Music	PM97	JARL	non
7105	3	2012	10	28	2158		A0N	non	non	non	no modulation	PM97	JARL	non

7105	5		2012	10	28	2200		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start		PM97	JARL	Hohhot	
7105	3		2012	10	29	2158		A0N		non	non	non	no modulation		PM97	JARL	non	
7105	5		2012	10	29	2200		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music 22:00 UTC Time Signal 5+1 Pro Start		PM97	JARL	Hohhot	
7105	3		2012	10	29	2210		A3E		non	CHN	non	Chinese Talk and Music		PM97	JARL	non	
7105	5		2012	10	29	2258		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT		PM97	JARL	Hohhot	
7105	5		2012	10	29	2258		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT		PM97	JARL	Hohhot	
7105	5		2012	10	30	2220		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		PM97	JARL	Hohhot	
7105	3		2012	10	30	2224		A3E		non	CHN	non	Chinese Talk and Music		PM97	JARL	non	
7105	5		2012	10	30	2258		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT		PM97	JARL	Hohhot	
7105	5		2012	10	31	2220		A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music		PM97	JARL	Hohhot	
7105	3		2012	10	31	2224		A3E		non	CHN	non	Chinese Talk and Music		PM97	JARL	non	
7105	5		2012	10	31	2258	H24	A3E		273	CHN	PBS Nei Meng	Chinese Talk and Music 23:00 UTC Time Signal 5+1 after QRT		PM97	JARL	Hohhot	
7110	4		2012	10	28	<1315-1325>		A3E			CHN	BRM	DOM.SER	MYANMAR DOMESTIC SERVICE BROADCASTS.	PM97	MK82	ARSI	
7110	3		2012	10	29	<1120-1125>		J3E/U			UNID	UNID		SOUTH INDIAN MUSIC	NL06		ARSI	
7110	3		2012	10	24	2134		JM		non	non	non		white noise	PM97	JARL	non	
7111	3		2012	10	14	1910		F1B		non	non	non		Beacon	PM97	JARL	non	
7111	3		2012	10	15	1624		F1B		non	non	non		now on air	PM97	JARL	non	
7114	3		2012	10	29	<1110-1120>		A3E			UNID	UNID		ASIAN MUSICAL PROGRAMME	NL06		ARSI	
7120	5		2012	10	28	<1350-1355>		A3E			SOM	DOM.SER		SOMALIA IN DOMESTIC SERVICE BROADCASTS	MK82		ARSI	
7120	1		2012	10	29	<1100-1110>		J3E/U			UNID	UNID		GROUP COMMUNICATION IN ENGLISH,HINDI—APPEARS GOVT TRAFFIC	NL06		ARSI	
7120			2012	10	DY	<1815>	1815	A3E		?	?	Unid		B-C stn. Music & Talk Broadcast station Radio Myanmar	RF72LQ		NZART	ZL1BAD
7120			2012	10	20	<1740>	1740	A3E		?	MYR	Radio Myanmar			RE68XL		NZART	ZL2TZE
7120			2012	10	30	<1822>	1822	A3E		?	SOM			Radio HargeysaRadio Hareysa illegally transmitting Somaliland	RE68XL		NZART	ZL2TZE
7120	3		2012	10	11	1840		A3E		non	non	non		unknown music and Talk	PM97		JARL	non

7120	3	2012	10	23	1612	H24	A3E	non	non	non	unknown Talk and Music	PM97	JARL	non
7120	3	2012	10	24	1630		A3E	non	non	non	unknown Talk and Music	PM97	JARL	non
7120	3	2012	10	24	1746		A3E	non	non	non	unknown Talk and Music	PM97	JARL	non
7144		2012	10	12	<1941>	1941	G7B	?	?	Unid	Modem, or water pouring type sound S9 + 10	RE68XL	NZART	ZL2TZE
											OTHR Continuous (PPS Not Measured)			
7150	30	2012	10	08	<0945>	0945	P0N	?	?	Unid		RF72LQ	NZART	ZL1BAD
7160		2012	10	04	<1005>	1005	F7D	?	?	Unid	Idling all 8 chnls	RF72LQ	NZART	ZL1BAD
7180		2012	10	20	<1743>	1743	A3E	?	?	Unid	Broadcast station S3	RE68XL	NZART	ZL2TZE
7195	3.3	2012	10	04	<1000>	!000	M7B	?	?	Unid	Mukti-chnl	RF72LQ	NZART	ZL1BAD
7195	3.3	2012	10	12	<1850>	1850	M7B	?	?	Unid	Mukti-chnl	RF72LQ	NZART	ZL1BAD
						0610-					ODFM 68-70 tones			
7230	5	2012	10	13	<0610>	0627	G7D	?	?	Unid		RF73MF	NZART	ZL1GWE