



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



February 2014

Peter Young VK3MV

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

This month there were 1009 observations of intruders made across the Region as compared to last month number of 904. Over the last couple of months there has been enhanced propagation in the higher HF bands that has seen increased numbers of intruders being reported.

NZART reports the arrival on 13996 kHz, of a OFDM -12 tone Military data system - spreading into lower 20 metre Spectrum. Also reported is the use of "man Pack" digital system on 7000 kHz spreading into 40 meters. Further reports needed.

OHR systems logged on 10, 15 and 20 meters continuing again this month operating in the higher portion of the bands. More details in the attached data report.

There is the continual illegal use of 10 meters for local short range communications in a number of Asian countries. More details are provided in the attached data report.

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

Monitoring reports can also be sent directly to me, if you don't have a national monitoring coordinator.

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

Peter – VK3MV

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3527.0	1	2014	2	13	1930		F1B		200					QG52xi	WIA	VK4TJ
3528	0.5	2014	02	20	12:57	21:57	J3E				####		music with no call sign	PM84UQ	JARL	
3531.0	5	2014	2	16	1850		G1D						STARTS WITH BEEP	QG52xi	WIA	VK4TJ
3585.0	3	2014	2	1	1945		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3596.0	1	2014	2	1	1945		F1B		200				CONTINUOUS MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
3620.4		2014	2	16	1845		A1A							QG52xi	WIA	VK4TJ
3623.0	3	2014	2	1	1945		J1C				JPN		FAX MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
3642.0		2014	2	16	1845		A1A							QG52xi	WIA	VK4TJ
3658.0		2014	2	2	1955		A1A				RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ
3670.0	100	2014	2	7	1950		P0N						OTHR, CONTINUOUS MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
3698.5		2014	2	16	1840		A1A							QG52xi	WIA	VK4TJ
3700.0	100	2014	2	22	1940		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3777.0		2014	2	16	1840		A1A						LETTER CIPHER	QG52xi	WIA	VK4TJ
3790.0	100	2014	2	2	1955		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3797.0		2014	2	1	1940		A1A					DRV8	CALLING H2FL	QG52xi	WIA	VK4TJ
3798	0.5	2014	02	07	10:09	19:09	A1A						repeat of " h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	02	08	12:08	21:08	A1A						ran dom number(u556 4t4n 5367 udu5 4u4n n46a)	PM84UQ	JARL	
3798	0.5	2014	02	11	10:44	19:44	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	02	12	10:47	19:47	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	02	12	11:08	20:08	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	02	13	08:45	17:45	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	02	18	13:07	22:07	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	02	24	10:57	19:57	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3800.0	100	2014	2	1	1940		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3830.0	100	2014	2	22	1935		P0N						OTHR, CONTINUOUS	QG52xi	WIA	Spill over into ARS
6930.0	200	2014	2	1	1950		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	Spill over into ARS
6990.0	100	2014	2	1	1950		P0N						OTHR, CONTINUOUS, WITH TONE	QG52xi	WIA	VK4TJ
7000.0	3	2014	2	5	1145		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000		2014	02	DY	HX		J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL2BAD
7000		2014	02	DY	HX		G7DE/F				?	Unid	HF Man Pack 1 PSK & 8 PSK	RF72LQ	NZART	ZL2BAD
7000		2014	02	09	<0722>	0722	J3E/U				IND	Unid	Non Amateurs camped on	RF73MF	NZART	ZL1GWE

										7000 S1			
7005.0	3	2014	2	17	1010	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	2	11	0935	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7008.0	3	2014	2	7	2005	J3E/L				ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ
7010.0	5	2014	2	8	0815	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7010.0	3	2014	2	5	1145	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	2	19	0845	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010	40	2014	02	14	<1845>	1845	P0N	?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL2BAD
7010	40	2014	02	24	<1925>	1925	P0N	?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL2BAD
7011.6	3	2014	2	7	2005	J3E/L				SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
7012.5		2014	02	21		<0220-0230>	J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7015.0	3	2014	2	11	0935	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	2	11	0935	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7018.5		2014	02	09	<1810>	1810	F7D	?	Unid	Idling on all chnls	RF72LQ	NZART	ZL2BAD
7018.5		2014	02	10	<1750>	1750	F7D	?	Unid	Idling on all chnls	RF72LQ	NZART	ZL2BAD
7019.0		2014	2	13	1945	A1A				LETTER CIPHER	QG52xi	WIA	VK4TJ
7019		2014	02	21		<0220-0230>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7020.0	20	2014	2	11	0940	P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7020.0	5	2014	2	11	0940	G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7020.0	3	2014	2	7	2000	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	2	5	1145	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	2	18	10125	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7026	3	2014	02	18	1804	H24	F1B	non	non	Beacon	PM 97	JARL	non
7028.0	3	2014	2	11	0945	J3E/U	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	20	2014	2	17	1015	P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7030.0	3	2014	2	5	1145	J3E/L	INS			DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7036		2014	02	09	<1810>	1810	F1B	?	Unid	RTTY Idling	RF72LQ	NZART	ZL2BAD
7038.7		2014	2	1	1945	A1A	RUS	D		DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.8		2014	2	5	1950	A1A	RUS	P		DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.9		2014	2	3	2025	A1A	RUS	S		DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039		2014	02	DY	<0330>	0330-2200	A1A	RUS	M	CW Magadan - beacon M - RTS	RF72LQ	NZART	ZL2BAD
7039		2014	02	DY	<0330>	0330-2200	A1A	RUS	F	CW Vladivostok - beacon F - RJS	RF72LQ	NZART	ZL2BAD
7039		2014	02	DY	<0330>	0330-2200	A1A	RUS	P	CW Kaliningrad - beacon P - RMP	RF72LQ	NZART	ZL2BAD
7039		2014	02	DY	<0330>	0330-2200	A1A	RUS	K	CW Petropavlovsk - beacon K - RCC	RF72LQ	NZART	ZL2BAD
7039	0.5	2014	02	01	0820	H24	A1A	321	RUS	F-- Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	01	0824	H24	A1A	15	RUS	M-- Beacon	PM 97	JARL	Magadan

7039	0.5	2014	02	01	1830	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	01	1832	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	01	2222	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	01	2224	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	02	0830	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	02	0830	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	02	0832	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	02	1204	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	02	1820	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	02	2214	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	03	0840	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	03	1206	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	03	1840	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	03	2216	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	04	0650	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	04	1910	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	04	2210	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	04	2212	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	05	0750	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	05	1830	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	05	2210	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	05	2212	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	06	0710	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	06	0712	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	06	1040	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	06	1042	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	06	1820	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan

7039	0.5	2014	02	06	2210	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	06	2212	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	07	0808	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	07	1050	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	07	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	07	2216	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	07	2220	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	08	0910	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	08	1124	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	08	1126	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	08	1940	H24	A1A	321	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	08	2220	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	09	0754	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	09	0756	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	09	1104	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	09	1106	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	09	2230	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	09	2232	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	10	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	10	1812	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	10	1814	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	10	1820	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	10	2230	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	10	2232	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	11	0810	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	11	0812	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	11	1040	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	11	1042	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan

7039	0.5	2014	02	11	1220	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	11	1820	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	11	1822	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	11	2234	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	11	2236	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	12	0750	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	12	0752	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	12	1020	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	12	1210	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	12	1920	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	12	2220	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	12	2222	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	13	0910	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	13	0912	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	13	1220	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	13	1224	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	13	1940	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	13	2210	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	13	2214	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	14	1210	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	14	1212	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	14	1840	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	14	1920	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	14	1922	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	14	2216	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	14	2218	H24	A1A	15	RUS	signal M--	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	15	0930	H24	A1A	321	RUS	signal F--	Beacon	PM 97	JARL	Vladivostok

7039	0.5	2014	02	15	0934	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	15	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	16	0940	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	16	2230	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	17	1010	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	17	1940	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	17	2210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	18	0950	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	18	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	18	1810	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	18	1930	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	18	2236	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	19	0930	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	19	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	19	1820	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	19	2210	H24	A1A	15	RUS	non	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	20	0920	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	20	0922	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	20	1230	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	20	1840	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	20	2236	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	20	2238	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	21	0910	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	21	0912	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	21	1204	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	21	1206	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	21	1620	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	21	1912	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan

7039	0.5	2014	02	21	2238	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	21	2240	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	22	0930	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	22	0932	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	22	1220	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	22	1840	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	22	2234	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	22	2236	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	23	0930	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	23	0932	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	23	2226	H24	A1A	321	RUS	F-- signal	Beacon	PM 97	JARL	Vladivostok
7039	0.5	2014	02	23	2228	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	24	0940	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	24	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	24	1920	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	24	2234	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	25	0910	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	25	1206	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	25	1850	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	25	2230	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	26	0940	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	26	1212	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	26	1920	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	26	2224	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	27	0940	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	27	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	27	1842	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	27	2210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan

7039	0.5	2014	02	28	0920	H24	A1A	15	RUS	signal M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	28	1210	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	28	1940	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039	0.5	2014	02	28	2230	H24	A1A	15	RUS	M-- signal	Beacon	PM 97	JARL	Magadan
7039.2		2014	2	1	1945		A1A		RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	2	1	1945		A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	02	DY	<0330>	0330-2200	A1A		RUS	S	CW Severomorsk beacon S - RIT	RF72LQ	NZART	ZL2BAD
7039.4		2014	02	DY	<0330>	0330-2200	A1A		RUS	C	CW Moscow beacon C - RIW	RF72LQ	NZART	ZL2BAD
7039.9		2014	02	DY	<0330>	0330-2200	A1A		RUS	A	CW Astrakhan - No call sign Beacon A	RF72LQ	NZART	ZL2BAD
7040	0.5	2014	02	07	10:48		A1A				train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	02	08	12:21		A1A				train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	02	11	10:46		A1A				train of " F ", " M "	PM84UQ	JARL	
7040	0.5	2014	02	12	11:09		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	02	13	08:47		A1A				train of " M ", " F "	PM84UQ	JARL	
7040	0.5	2014	02	18	13:06		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	02	20	13:02		A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	02	24	10:58		A1A				train of " M "	PM84UQ	JARL	
7046.0	5	2014	2	2	2010		G7D				100'S OF SUBCARRIERS VERY CLOSE SPACED	QG52xi	WIA	VK4TJ
7062	3	2014	02	11	1830	H24	P0N	non	non	non	unkown	PM 97	JARL	non
7065.0		2013	2	11	1005		A1A			8QTP	MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7068.0	3	2014	2	2	2005		G7D				2 SUBCARRIERS ON 500 HZ INTERVALS, OCCASSIONAL F1B	QG52xi	WIA	VK4TJ
7070.0	40	2014	2	1	2000		VXX				DAILY, CODAR	QG52xi	WIA	VK4TJ
7070	40	2014	02	14	<1845>	1845	VXX		?	Unid	CODAR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7072	3	2014	02	11	1834	H24	P0N	non	non	non	unkown	PM 97	JARL	non
7076	3	2014	02	11	1836	H24	P0N	non	non	non	unkown	PM 97	JARL	non
7087.0	5	2014	2	7	1955		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7092.0		2014	2	1	2000		A1A				NUMBER CIPHER	QG52xi	WIA	VK4TJ
7093	3	2014	02	11	1838	H24	P0N	non	non	non	unkown	PM 97	JARL	non
7095.3		2014	2	2	2005		A1A			E	BEACON?	QG52xi	WIA	VK4TJ
7100.0	20	2014	2	20	2000		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
7100	0.5	2014	02	20	13:03	22:03	J3E				voice train of "...yo yo yo..."with no call sign	PM84UQ	JARL	
7101.0	1	2014	2	22	2005		F1B				ALE	QG52xi	WIA	VK4TJ
7101	3	2014	02	11	1840	H24	P0N	non	non	non	unkown	PM 97	JARL	non
7105	10	2014	02	20	<1845>	1845	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
7120.0	8	2014	2	8	1400		A3E		SOM		DAILY, RADIO HARGEISA	QG52xi	WIA	VK4TJ

7120		2014	02	DY	<1700>	1700-1845	A3E		SOM	Radio	Hargaysa Somalia S9 - 73dbm B-C stn. DOZENS OF SUBCARRIERS ON RANDOM INTERVALS	RF72LQ	NZART	ZL2BAD
7122.0	5	2014	2	22	0945		G7D					QG52xi	WIA	VK4TJ
7131.6		2014	2	2	2000		A1A			E	BEACON?	QG52xi	WIA	VK4TJ
7134.8	3	2014	2	17	1015		J3E/U				ASIAN, SOUNDS TAGALOG	QG52xi	WIA	VK4TJ
7135.0	1	2014	2	17	1015		F1B				ALE	QG52xi	WIA	VK4TJ
7137.0	1	2014	2	20	2000		F1B				ALE	QG52xi	WIA	VK4TJ
7142.0	1	2014	2	5	1950		F1B				ALE	QG52xi	WIA	VK4TJ
7150.0		2014	2	11	1010		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7160.0	20	2014	2	20	2005		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
7163	10	2014	02	20	<1845>	1845	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
7165	10	2014	02	20	<1845>	1845	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
7170.0	50	2014	2	13	1930		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7171.1	3	2014	2	17	1015		J3E/U				ASIAN, SOUNDS TAGALOG SW BROADCAST, ASIAN	QG52xi	WIA	VK4TJ
7175.0	8	2014	2	8	1400		A3E				MUSIC	QG52xi	WIA	VK4TJ
7177.7	3	2014	2	11	1010		J3E/U				ASIAN, SOUNDS BAHASA	QG52xi	WIA	VK4TJ
7179.0	1	2014	2	21	2005		F1B	350			BURSTS	QG52xi	WIA	VK4TJ
7179.0	3	2014	2	16	1850		J3E/U				ASIAN, SOUNDS BAHASA	QG52xi	WIA	VK4TJ
7181.0	1	2014	2	20	2005		F1B				ALE	QG52xi	WIA	VK4TJ
7196.5	5	2014	2	8	1400		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7200	5	2014	02	01	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	01	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	02	2206	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	02	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	03	2208	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	03	2212	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	1	2014	02	04	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non
7200	5	2014	02	04	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	02	04	2204	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	04	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	1	2014	02	05	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non
7200	5	2014	02	05	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	02	05	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 0.5 sec late	PM 97	JARL	non

7200	5	2014	02	05	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	1	2014	02	06	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non
7200	5	2014	02	06	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 0+1 on time	PM 97	JARL	non
7200	5	2014	02	06	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	07	2206	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	07	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	08	2208	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	08	2214	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	08	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	09	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	09	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	09	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	Magadan
7200	5	2014	02	10	2220	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	10	2226	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	10	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	11	2226	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	11	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	11	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	12	2212	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	12	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	1	2014	02	13	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non
7200	5	2014	02	13	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	13	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	14	2210	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	14	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	15	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	15	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non

7200	5	2014	02	16	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	16	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	1	2014	02	17	2158	H24	A0N	non	CHN	non	no mod ?	PM 97	JARL	non
7200	1	2014	02	17	2158	H24	A0N	non	CHN	non	no mod ?	PM 97	JARL	non
7200	3	2014	02	17	2200	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	17	2200	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	17	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	18	2226	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	18	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	18	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	1	2014	02	19	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non
7200	5	2014	02	19	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	3	2014	02	19	2236	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	19	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	20	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	20	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	20	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	21	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	21	2234	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	21	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	22	2226	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	22	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	22	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	23	2220	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	23	2224	H24	A3E	15	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	23	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	24	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	3	2014	02	24	2230	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non
7200	5	2014	02	24	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non
7200	5	2014	02	25	2220	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non

7200	3	2014	02	25	2224	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non	
7200	5	2014	02	25	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non	
7200	5	2014	02	26	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non	
7200	3	2014	02	26	2220	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non	
7200	5	2014	02	26	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non	
7200	1	2014	02	27	2154	H24	A0N	non	CHN	non	no mod	PM 97	JARL	non	
7200	5	2014	02	27	2200	H24	A3E	non	CHN	non	Chinese talk and music 22:00 UTC Time signal 5+1 on time	PM 97	JARL	non	
7200	3	2014	02	27	2204	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non	
7200	5	2014	02	27	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 on time	PM 97	JARL	non	
7200	5	2014	02	28	2216	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non	
7200	3	2014	02	28	2220	H24	A3E	non	CHN	non	Chinese talk and music	PM 97	JARL	non	
7200	5	2014	02	28	2258	H24	A3E	non	CHN	non	Chinese talk and music 23:00 UTC Time signal 5+1 1 sec late	PM 97	JARL	non	
7200.1 10116	8	2014 2014	2 02	11 23	1010 <0640>	0640	A3E G7DF		BUR ?	Unid	SW BROADCAST HF Man Pack PSK-8 S1	QG52xi Rf73MF	WIA NZART	VK4TJ ZL1GWE	
10130.0	20	2014	2	5	0835		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ	
10140.0 10140	8 80	2014 2014	2 02	11 18	1010 <1927	1927-2117	A3E P0N	000	NKR ?	Unid	SW BROADCAST OTHR 50 pps continous S9 + 40 dB suspected to be local but not SuperDARN	QG52xi RF74CI	WIA NZART	VK4TJ ZL2IK	
10150.0 10155	50 40	2014 2014	2 02	1 19	2000 <1902>	1902-2120	P0N P0N	000		? Unid	OTHR, BURSTS OTHR 50 pps continous S8 40 kHz BW suspected to be local but no SuperDARN	QG52xi RF74CI	WIA NZART	VK4TJ ZL2IK	
14000.0 14000.0 14000.0 14000	5 50 3	2014 2104 2014 2014	2 2 2 02	26 23 18 DY	0410 1150 0850 HX		G7DF PON J3E/U G7DE				HF MANPACK OTHR, BURSTS SPANISH OR ITALIAN HF Man Pack 1 & 8 PSK	QG52xi QG52xi QG52xi RF72LQ	WIA WIA WIA NZART	VK4TJ VK4TJ VK4TJ ZL2BAD	
14002		2014	02	19		<0220- 0230>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14002.2	3	2014	2	23	0815		J3E/U					SPANISH OR ITALIAN	QG52xi	WIA	VK4TJ
14002.8	3	2014	2	18	0845		J3E/U					SPANISH OR ITALIAN	QG52xi	WIA	VK4TJ
14005.0	5	2014	2	18	0635		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
14005		2014	02	24		<0240- 0250>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14008 14009.7		2014	02	26		<0220- 0235>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
	3	2014	2	22	2040		J3E/U					PORTUGUESE	QG52xi	WIA	VK4TJ

14010.0	5	2014	2	8	0425	G7DF				HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14011		2014	02	19		<0220- 0230>	J3E/U	CLN	UNID		MK82	ARSI	
14014.0	3	2014	2	27	2000		J3E/U			ASIAN SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14014		2014	02	05		<0310- 0320>	J3E/U	CLN	UNID		MK82	ARSI	
14014		2014	02	07		<0340- 0350>	J3E/U	CLN	UNID		MK82	ARSI	
14014		2014	02	21		<0200- 0220>	J3E/U	CLN	UNID		MK82	ARSI	
14014.1	3	2014	2	8	0420		J3E/U			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
14015.0	5	2014	2	19	0925		G7DF			HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14019		2014	02	21		<0420- 0430>	J3E/U	CLN	UNID		MK82	ARSI	
14020.0	30	2014	2	10	1025		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
14020.0	5	2014	2	8	0415		G7DF			HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14020		2014	02	26		<0215- 0230>	J3E/U	CLN	UNID		MK82	ARSI	
14022		2014	02	19		<0220- 0230>	J3E/U	CLN	UNID		MK82	ARSI	
14023.0	1	2014	2	25	0855		F1B			CONTINUOUS SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14024		2014	02	22		<0200- 0210>	J3E/U	CLN	UNID		MK82	ARSI	
14025.0	5	2014	2	19	0850		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14030.0	5	2014	2	26	0440		G7DF			HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14031.5		2014	02	19		<0220- 0230>	J3E/U	CLN	UNID		MK82	ARSI	
14032		2014	02	07		<0240- 0250>	J3E/U	CLN	UNID		MK82	ARSI	
14033	10	2014	02	11	<2255>	2255	P0N	?	Unid	OTHR .3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14035.0	5	2014	2	26	0500		G7DF			HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14035		2014	02	26		<0240- 0250>	J3E/U	CLN	UNID		MK82	ARSI	
14035.8	3	2014	2	25	0900		J3E/U			DAILY, ASIAN SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14035.8		2014	02	21		<0420- 0430>	J3E/L	CLN	UNID		MK82	ARSI	
14037.0	3	2014	2	7	0820		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14038		2014	02	12		<0305- 0315>	J3E/U	CLN	UNID		MK82	ARSI	

LANGUAGE ONLY – 2 OM

14038		2014	02	13		<1335-1350>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14040.0	5	2014	2	21	2045		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14045.0	5	2014	2	21	0700		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14045.1	3	2014	2	1	2005		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14046.0	3	2014	2	4	0755		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14046.0	5	2014	2	4	0755		G7D			100'S OF SUBCARRIERS VERY CLOSE SPACED + PILOT TONE	QG52xi	WIA	VK4TJ
14046.8	3	2014	2	25	1020		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14047.0	3	2014	2	25	2000		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	2	4	0645		J3E/U		PHI	DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14049.9	3	2014	2	13	2000		J3E/L			OM SINGING	QG52xi	WIA	VK4TJ
14050.0	3	2014	2	25	1155		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2014	2	2	2055		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14050	10	2014	02	21	<0635>	0635	P0N	?	Unid	OTHR Not analysed virtually continuous part sec break between each TX	RF72LQ	NZART	ZL2BAD
14050.4	3	2014	2	6	2030		J3E/L			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
14053.8		2014	02	24		<0240-0250>	J3E/L	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14055.0	5	2014	2	7	2020		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14055.0	3	2014	2	7	2020		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14060.0	5	2014	2	7	2100		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14062.0	3	2014	2	23	0815		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14065.0	5	2014	2	7	2130		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14066.0	1	2014	2	14	2030		F1B		200	SHORT CHIRPS	QG52xi	WIA	VK4TJ
14069.9	3	2014	2	6	2030		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14070.0	5	2014	2	26	0515		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14075.0	5	2014	2	26	0520		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14078.3		2014	2	22	0005		A1A		F	SECOND HARMONIC OF RUSSIAN HARBOUR BEACON	QG52xi	WIA	VK4TJ
14080.0	5	2014	2	26	0525		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14080.8	3	2014	2	25	2010		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14085.0	5	2014	2	26	0540		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14089.0	3	2014	2	22	2010		J3E/U			SLAVIC LANGUAGE	QG52xi	WIA	VK4TJ
14090.0	5	2014	2	26	0545		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14095.0	5	2014	2	26	0545		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14100.0	5	2014	2	26	0550		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14100.0	10	2014	2	4	0800		P0N			OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14100.0	3	2014	2	4	0820		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14105.0	5	2014	2	26	0605		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ

14106.0	3	2014	2	25	2010		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14110.0	5	2014	2	26	0610		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14115.0	5	2014	2	26	0615		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14120.0	5	2014	2	26	0615		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14120	10	2014	02	25	<2210>	2210	P0N		? Unid	OTHR6 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14125.0	5	2014	2	26	0625		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14140	10	2014	02	12	<2245>	2245	P0N		? Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14141.0	1	2014	2	23	0820		F1B	500		CONTINUOUS	QG52xi	WIA	VK4TJ
14141		2014	02	21		<0200-0220>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14141.4	3	2014	2	22	2020		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14143.0	5	2014	2	25	0905		G7D			DOZENS OF SUBCARRIERS ON 50 HZ INTERVALS	QG52xi	WIA	VK4TJ
14150	10	2014	02	09	<0110>	0110-0335	P0N		RUS Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
14155.2	3	2014	2	25	1015		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14160	10	2014	02	18	<2320>	2320	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14165	10	2014	02	14	<2310>	2310	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14165	10	2014	02	19	<2240>	2240	P0N		? Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14170	10	2014	02	17	<2310>	2310-2330	P0N		? Unid	OTHR 5.2 every 20 secs 50 pps	RF72LQ	NZART	ZL2BAD
14175	10	2014	02	20	<2305>	2305	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14175	10	2014	02	24	<2315>	2315	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14185	10	2014	02	20	<2305>	2305	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14187	10	2014	02	07	<2335>	2335	P0N		? Unid	OTHR 6 secs every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14190	10	2014	02	20	<2305>	2305	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14212	10	2014	02	02	<2310>	2310	P0N		? Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14220		2014	02	28	<1930>	1930	F1B	200	? Unid	Not printable	RF72LQ	NZART	ZL2BAD
14225	10	2014	02	12	<2245>	2245	P0N		? Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14225	10	2014	02	13	<2345>	2345-2359	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14225	10	2014	02	14	<0005>	0005	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14227.0		2014	2	11	1025		A1A			BEACON?	QG52xi	WIA	VK4TJ
14230	10	2014	02	07	<2330>	2330	P0N		? Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14232.0	3	2014	2	17	1005		J3E/U			DAILY, ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14235	10	2014	02	04	<2330>	2330-2345	P0N		? Unid	OTHR 3.8 every30secs	RF72LQ	NZART	ZL2BAD
14235	10	2014	02	21	<2305>	2305	P0N		? Unid	OTHR 3.8 every 30 secs 40	RF72LQ	NZART	ZL2BAD

14240	10	2014	02	17	<2330>	2330	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14240	10	2014	02	21	<2305>	2305	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14263	10	2014	02	18	<2320>	2320	P0N	?	Unid	pps OTHR 3.7 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14268	10	2014	02	25	<2230>	2230	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14270	10	2014	02	21	<2312>	2312	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14272	10	2014	02	09	<2315>	2315	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14272	10	2014	02	28	<2345>	2345	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	11	<2255>	2255	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	14	<2250>	2250	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	18	<2320>	2320	P0N	?	Unid	pps OTHR 3.7 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	20	<2305>	2305	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	21	<0005>	0005	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	21	<2310>	2310	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	23	<2323>	2323	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14275	10	2014	02	24	<2315>	2315	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14277	10	2014	02	08	<2325>	2325	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14277	10	2014	02	23	<2324>	2324	P0N	?	Unid	pps 2 stns co-chnl OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14280	10	2014	02	07	<2330>	2330	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14280	10	2014	02	14	<2255>	2255	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14282	10	2014	02	09	<2315>	2315	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14285	10	2014	02	19	<2245>	2245-2340	P0N	?	Unid	pps OTHR 3.7 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14285	10	2014	02	25	<2320>	2320	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD
14287	10	2014	02	02	<2310>	2310	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14290.0	20	2014	2	22	0935		P0N			pps OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14290	10	2014	02	01	<2320>	2320	P0N	?	Unid	OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14290	10	2014	02	10	<0540>	0540	P0N	?	Unid	pps OTHR 5.3 every 30 secs 50	RF72LQ	NZART	ZL2BAD
14290	10	2014	02	09	<2320>	2320	P0N	?	Unid	pps OTHR 3.8 every 30 secs 70	RF72LQ	NZART	ZL2BAD

14291.7	3	2014	2	13	1015		J3E/U			ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14295.0	5	2014	2	9	0515		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14295.0	8	2014	2	9	0510		A3E		TJK	RADIO TAJIK	QG52xi	WIA	VK4TJ
14295	10	2014	02	07	<2330>	2330	P0N		?	Unid OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14295	10	2014	02	18	<2320>	2320	P0N		?	Unid OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14297	10	2014	02	23	<2320>	2320	P0N		?	Unid OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14299	10	2014	02	09	<2035	2035	P0N		?	Unid OTHR Continuous	RF72LQ	NZART	ZL2BAD
14303	10	2014	02	17	<2330>	2330	P0N		?	Unid OTHR 3.7 every 30 secs 70 pps 2nd stn, 5 secs later	RF72LQ	NZART	ZL2BAD
14303	10	2014	02	17	<2330>	2330	P0N		?	Unid OTHR 3.8 every 30 secs 70 pps 5 secs after 1st one, much weaker	RF72LQ	NZART	ZL2BAD
14303	10	2014	02	25	<2315>	2315	P0N		?	Unid OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14303	10	2014	02	28	<2330>	2330	P0N		?	Unid OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14305	10	2014	02	19	<2335>	2335	P0N		?	Unid OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14313	10	2014	02	11	<2350>	2350	P0N		?	Unid OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL2BAD
14313	10	2014	02	13	<2340>	2340	P0N		?	Unid OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14335	20	2014	02	10	<1850>	1850	P0N		?	Unid OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL2BAD
14335	10	2014	02	13	<2320>	2320	P0N		?	Unid OTHR Continuous	RF72LQ	NZART	ZL2BAD
14338	10	2014	02	21	<2305>	2305	P0N		?	Unid OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14340	10	2014	02	15	<2120>	2120	P0N		?	Unid OTHR Continuous	RF72LQ	NZART	ZL2BAD
14340	10	2014	02	16	<2130>	2130	P0N		?	Unid OTHR Continuous	RF72LQ	NZART	ZL2BAD
14340	10	2014	02	24	<2315>	2315	P0N		?	Unid OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
14340	10	2014	02	27	<2100>	2100	P0N		?	Unid OTHR Continuous	RF72LQ	NZART	ZL2BAD
14345	10	2014	02	10	<2330>	2330	P0N		?	Unid OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
14347	10	2014	02	28	<2230>	2230	P0N		?	Unid OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
18068		2014	02	DY	HX	HX	G7DE/F		?	Unid HF Man Pack 1 PSK	RF72LQ	NZART	ZL2BAD
18075.0	3	2014	2	11	1030		J3E/U			DAILY, ASIAN, SOUNDS HINDI	QG52xi	WIA	VK4TJ
18080.0	5	2014	2	2	1215		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
18092		2014	02	17	<0925>	0925	A3E		USA	SOH Broadcast Station S9 + 10 dB Sound of Hope	RE66IM	NZART	ZL3AB
18092.1	8	2014	2	2	1205		A3E		TWN	SOUND OF HOPE	QG52xi	WIA	VK4TJ
18135	10	2014	02	14	<2315>	2315	P0N		?	Unid OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
18155	10	2014	02	14	<2320>	2320	P0N		?	Unid OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
18165.0	30	2014	2	24	<1440-1450>		P0N		NW		QF22od	WIA	VK3FT

21000		2014	02	DY	HX24	HX24	G7DE		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
21000.6		2014	2	27	1025		A1A			E	CONTINUOUS DITS	QG52xi	WIA	VK4TJ
21001.2	3	2014	2	5	1030		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21009.4		2014	02	07		<0350-0400>	J3E/U		UNID	UNID	SOUTH EAST ASIAN FISHERMEN.	MK82	ARSI	
21020.9	3	2014	2	4	1020		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21027.5	3	2014	2	25	0915		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
21030.0	5	2014	2	6	1150		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21032.0	5	2014	2	1	1010		G7D				DAILY, 8 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
21050.0	5	2014	2	5	0940		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21055.7	3	2014	2	13	0950		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21060.0	5	2014	2	6	1150		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21060.9	3	2014	2	11	0855		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21095	10	2014	02	21	<2340>	2340	P0N		?	Unid	OTHR 3.8 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21095	10	2014	02	26	<0515>	0515	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21095	10	2014	02	28	<2320>	2320	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21100.5	3	2014	2	28	1005		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21105.0	5	2014	2	5	0920		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21105	10	2014	02	23	<0715>	0715	P0N		?	Unid	OTHR 5.8 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21105	10	2014	02	27	<0615>	0615	P0N		?	Unid	OTHR 6 sec every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21115	50	2014	02	16	<0321>	0321	P0N		?	Unid	OTHR 50k wide 2 secs every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21121.0	5	2014	2	27	1030		G1D				SWEEPERS & BEEPS	QG52xi	WIA	VK4TJ
21122	20	2014	02	07	<0430>	0430	P0N		?	Unid	OTHR 3.4 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21123	10	2014	02	23	<0720>	0720	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21125	10	2014	02	07	<0430>	0430	P0N		?	Unid	OTHR 3.4 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21125	10	2014	02	17	<0140>	0140-0220	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21126	46	2014	02	16	<0731>	0731	P0N	330	?	Unid	OTHR 66 pps S7 7.5 seconds bursts	RF73MF	NZART	ZL1GWE
21127	10	2014	02	24	<0535>	0535-0615	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21127	10	2014	02	28	<0425>	0425	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21130.0	20	2014	2	16	0735		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21135	10	2014	02	17	<0625>	0625	P0N		?	Unid	OTHR 3.8 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21140	50	2014	02	16	<0320\	0320	P0N		?	Unid	OTHR 50k wide 2 secs every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21141		2014	02	23	<0616>	0616	G7DF	330	?	Unid	HF Man Pack PSK-8 S1	RF73MF	NZART	ZL1GWE

21145	10	2014	02	13	<0645>	0645	P0N	?	Unid	OTHR Not analysed	RF72LQ	NZART	ZL2BAD
21145	20	2014	02	13	<0700>	0700	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21157	3.3	2014	02	09	<0315>	0315	M7B	?	Unid	Multi chnl - continuous	RF72LQ	NZART	ZL2BAD
21158.9	3	2014	2	18	0935		J3E/U	?	Unid	ASIAN	QG52xi	WIA	VK4TJ
21170	50	2014	02	16	<0340>	0340	P0N	?	Unid	OTHR 50k wide 2 secs every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21203	20	2014	02	17	<0030>	0030	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	10	2014	02	08	<2350>	2350	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	13	<0400>	0400	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	14	<2220>	2220	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	15	<2307>	2307	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	16	<0323>	0323	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2024	02	17	<2315>	2315	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	21	<2339>	2339	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	23	<0401>	0401	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	24	<0012>	0012	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	25	<2329>	2329	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	26	<0627>	0627	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	07	<0311>	0311	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	11	<2330>	2330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	12	<2306>	2306	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	13	<2333>	2333	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21205	20	2014	02	28	<0740>	0740	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21210	20	2014	02	15	<2257>	2257	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21210	20	2014	02	15	<2257>	2257	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21213	20	2014	02	05	<2355>	2355	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21213	20	2014	02	06	<0001>	0001-0035	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21213	20	2014	02	14	<0005>	0005	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21213	20	2014	02	13	<2338>	2338	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21214	20	2014	02	07	<0310>	0310	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21215	10	2014	02	05	<2355>	2355	P0N	?	Unid	OTHR 1.5 at variable timing 50 pps	RF72LQ	NZART	ZL2BAD
21215	10	2014	02	06	<0402>	0402	P0N	?	Unid	OTHR 1.5 secs at variable times 50 pps	RF72LQ	NZART	ZL2BAD

21215	20	2014	02	09	<0310>	0310	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21215	20	2014	02	19	<0428>	0428	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21215	20	2014	02	18	<0212>	0212	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21215	20	2014	02	21	<0330>	0330	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21220.0	40	2014	2	18	0940		VXX			SWEEPS, PRECURSOR TO			
21220	20	2014	02	13	<0108>	0108	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	QG52xi RF72LQ	WIA NZART	VK4TJ ZL2BAD
21222	20	2014	02	15	<2235>	2235	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21223	20	2014	02	11	<0535>	0535	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21225	10	2014	02	07	<2255>	2255	P0N	?	Unid	OTHR 1.5 secs at variable times 50 pps	RF72LQ	NZART	ZL2BAD
21225	20	2014	02	17	<2349>	2349	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21225	20	2014	02	18	<2359>	2359	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21225	20	2014	02	26	<0002>	0002	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21225	20	2014	02	07	<0635>	0635	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21225	20	2014	02	12	<0406>	0406	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21225	20	2014	02	18	<2357>	2357	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21227	20	2014	02	07	<2310>	2310	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21227	10	2014	02	09	<0050>	0050	P0N	?	Unid	OTHR 3.8 every 20 secs 50 pps	RF72LQ	NZART	ZL2BAD
21230	20	2014	02	07	<0435>	0435	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21230	20	2014	02	09	<0648>	0648	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21230	20	2014	02	11	<2345>	2345	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21230	20	2014	02	21	<0635>	0635	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21232	20	2014	02	06	<0448>	0448	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21233	20	2014	02	15	<0055>	0055	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21235	10	2014	02	06	<0028>	0028	P0N	?	Unid	OTHR 1.8 secs variable timing 50 pps	RF72LQ	NZART	ZL2BAD
21235	20	2014	02	06	<0200>	0200	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21235	20	2014	02	16	<0355>	0355	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21235	20	2014	02	18	<0215>	0215	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21235	10	2014	02	18	<0515>	0515	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21235	20	2014	02	19	<0047>	0047	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21240	10	2014	02	09	<2325>	2325	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21240	20	2014	02	11	<0010>	0010	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21240	50	2014	02	16	<0340>	0340	P0N	?	Unid	OTHR 50 k wide 2 secs every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21243	20	2014	02	15	<2252>	2252	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21243	20	2014	02	22	<0040>	0040	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21243	20	2014	02	27	<2330>	2330	P0N	?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD

21243	20	2014	02	28	<0425>	0425	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21245.0	5	2014	2	11	1035		G7DF	330	?	Unid	HF MANPACK	QG52xi	WIA	VK4TJ
21245	20	2014	02	13	<0648>	0648	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21245	30	2014	02	15	<2245>	2245	P0N		?	Unid	OTHR 15 secs 5 pps 30k wide Finished at 2245	RF72LQ	NZART	ZL2BAD
21245	20	2014	02	17	<2316>	2316	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21250	30	2014	02	13	<0040>	0040	P0N		?	Unid	OTHR 15 secs every 1 min. 5 pps 30k wide	RF72LQ	NZART	ZL2BAD
21250	20	2014	02	21	<0525>	0525	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21253	20	2014	02	13	<0648>	0648	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21255	10	2014	02	08	<0230>	0230	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21255	20	2014	02	12	<0400>	0400	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21255	10	2014	02	19	<0045>	0045	P0N		?	Unid	OTHR 1.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21255	10	2014	02	23	<2315>	2315	P0N		?	Unid	OTHR Not analysed - finished at 2315	RF72LQ	NZART	ZL2BAD
21257	10	2014	02	17	<0525>	0525-0625	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21260	10	2014	02	13	<2320>	2320-2340	P0N		?	Unid	OTHR 1.5 every 3 secs 50 pps	RF72LQ	NZART	ZL2BAD
21260	10	2014	02	27	<2330>	2330	P0N		?	Unid	OTHR 1.3 at variable times 50 pps	RF72LQ	NZART	ZL2BAD
21263	20	2014	02	06	<0616>	0616	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21267	20	2014	02	06	<0158>	0158	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21270	20	20014	02	12	<0400>	0400	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21270	40	2014	02	28	<0427>	0427	P0N		?	Unid	OTHR 16 secs every 2 mins. 4 pps	RF72LQ	NZART	ZL2BAD
21273.0	5	2014	2	18	0935		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
21273		2014	02	09	<0726>	0726	G7DF	330	?	Unid	HF Man Pack PSK-8 S1	RF73MF	NZART	ZL1GWE
21273	20	2014	02	16	<2347>	2347	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21273	10	2014	02	23	<0350>	0350	P0N		?	Unid	OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21275	10	2014	02	12	<0215>	0215	P0N		?	Unid	OTHR 1.5 bursts at variable times (around 20 secs) 50 pps. 2 stns co-chnl	RF72LQ	NZART	ZL2BAD
21278	20	2014	02	07	<2258>	2258	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21284	10	2014	02	07	<0315>	0315-0445	P0N		?	Unid	OTHR 1.4 at variable times 50 pps	RF72LQ	NZART	ZL2BAD
21284	20	2014	02	27	<0535>	0535	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21285.0	40	2014	2	23	0830		VXX				SWEEPS, PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21290	10	2014	02	11	<0040>	0040	P0N		?	Unid	OTHR 2s1.5 bursts (1 sec between) at variable times 50 pps	RF72LQ	NZART	ZL2BAD
21290	20	2014	02	16	<0702>	0702	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21293	20	2014	02	13	<0040>	0040	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21294.5	9	2014	02	09	<0627>	0627-0731	P0N		AUS	Unid	JORN Australia variable rates 43/29 pps 1.6 second bursts with the pip S3	RF73MF	NZART	ZL1GWE

21295	10	2014	02	09	<0645>	0645	P0N		?	Unid	OTHR 2x1.5 bursts (1 sec between) at variable times 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	02	13	<0105>	0105	P0N		?	Unid	OTHR 1.5 every variable timing (never less than 30 secs) 30 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	02	18	<0515>	0515	P0N		?	Unid	OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	02	19	<0420>	0420-0424	P0N		?	Unid	OTHR 2 secs at variable times 30 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	02	21	<0525>	0525	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	02	24	<0400>	0400	P0N		?	Unid	OTHR 2 Tx's 1 sec apart 1.8 every 30 secs 40 pps	RF72LQ	NZART	ZL2BAD
21298	10	2014	02	08	<0230>	0230	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21305.0	5	2014	2	23	0200		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21305	10	2014	02	18	<0515>	0515	P0N		?	Unid	OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21305	10	2014	02	21	<0325>	0325	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21308	10	2014	02	10	<0350>	0350-0635	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21310	25	2014	02	19	<0420>	0420-0424	P0N		?	Unid	OTHR Continuous Finished at 0424	RF72LQ	NZART	ZL2BAD
21310	20	2014	02	25	<0505>	0505	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21315	10	2014	02	23	<0715>	0715	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21316	10	2014	02	27	<0535>	0535	P0N		?	Unid	OTHR 6 sec every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21318.0		2014	2	25	0915		A1A				NOT MORSE	QG52xi	WIA	VK4TJ
21320		2014	02	09	<0633>	0633	G7DF	330	?	Unid	HF Man Pack PSK-8 S2	RF73MF	NZART	ZL1GWE
21325.0		2014	2	5	0940		A1A				NOT MORSE	QG52xi	WIA	VK4TJ
21325	10	2014	02	23	<0715>	0715	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21327	10	2014	02	28	<0735>	0735	P0N		?	Unid	OTHR 3.8 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21330.0	5	2014	2	4	0935		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21333	10	2014	02	17	<0520>	0520	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21334.5	1	2014	2	22	0920		F1B	200			BURSTS	QG52xi	WIA	VK4TJ
21335	10	2014	02	03	<0240>	0240	P0N		?	Unid	OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21335	20	2014	02	09	<0313>	0313	P0N		?	Unid	HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21335	10	2014	02	19	<0425>	0425	P0N		?	Unid	OTHR 6.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21336		2014	02	09	<0627>	0627	G7DF	330	?	Unid	HF Man Pack PSK-8 S2	RF73MF	NZART	ZL1GWE
21342		2014	02	23	<0625>	0625	G7DF	330	?	Unid	HF Man Pack PSK-8 S1	RF73MF	NZART	ZL1GWE
21343.0		2014	2	25	0915		A1A				NOT MORSE	QG52xi	WIA	VK4TJ
21343	10	2014	02	24	<0405>	0405	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD

21344		2014	02	23	<0606>	0606	G7DF	37.5	330	?	Unid	OFDM 45 tones 37.5 baud S2	RF73MF	NZART	ZL1GWE
21349.5	21	2014	02	01	<0715>	0715	P0N		330	?	Unid	OTHR 50 PPs 20 kHz continous Cyprus S5	RF73MF	NZART	ZL1GWE
21350.0	20	2014	2	17	0430		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
21350	50	2014	02	16	<0321>	0321	P0N			?	Unid	OTHR 2 secs every 15 secs 70 pps	RF72LQ	NZART	ZL2BAD
21353	11	2014	02	23	<0555>	0555	P0N		330	RUS	Unid	OTHR S7 47 pps 5.3 second bursts each Russian 10 kHz bandwidth	RF73MF	NZART	ZL1GWE
21356		2014	02	23	<0625>	0625	G7DF		330	?	Unid	HF Man Pack PSK-8 S1	RF73MF	NZART	ZL1GWE
21365	10	2014	02	23	<0350>	0350	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21373	10	2014	02	27	<0515>	0515	P0N			?	Unid	OTHR 6 sec every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21375	10	2014	02	19	<0635>	0635	P0N			?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21376.5	35	2014	02	01	<0715>	0715	P0N		330	?	Unid	OTHR 46-47 pps five second bursts	RF73MF	NZART	ZL1GWE
21378	10	2014	02	24	<0400>	0400	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21380	10	2014	02	13	<0350>	0350	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21387	10	2014	02	10	<0640>	0640	P0N			?	Unid	OTHR 5.4 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21400.0	5	2014	2	4	0940		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
21400	30	2014	02	01	<0712>	0712	P0N		330	CYP	Unid	OTHR 50 PPs 20 kHz continous Cyprus S4	RF73MF	NZART	ZL1GWE
21400	10	2014	02	28	<0425>	0425	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21400	10	2014	02	28	<2335>	2335	P0N			?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21405	10	2014	02	09	<0050>	0050-0120	P0N			?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21405	10	2014	02	17	<0520>	0520	P0N			?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21410.0	20	2014	2	23	0755		P0N					OTHR, BURSTS	QG52xi	WIA	VK4TJ
21415	10	2014	02	09	<2325>	2325	P0N			?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21417	10	2014	02	23	<0400>	0400	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21427	10	2014	02	24	<0405>	0405-0615	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21438.0		2014	2	4	0940		A1A					LETTER CIPHER	QG52xi	WIA	VK4TJ
21438.5	10	2014	02	23	<0555>	0555	P0N		330	RUS	RCV Unid	OTHR S7 47 pps 5.3 second bursts each Russian 10 kHz bandwidth	RF73Mf	NZART	ZL1GWE
21445	10	2014	02	17	<0520>	0520	P0N			?	Unid	OTHR 3.8 every 30 secs 40 pps	RF72LQ	NZART	ZL2BAD
24895.0	6	2014	2	27	1025		A3E					ASIAN	QG52xi	WIA	VK4TJ
24897	10	2014	02	13	<0530>	0530-0645	P0N			?	Unid	OTHR Too many CW Stns for analysis	RF72LQ	NZART	ZL2BAD
24900		2014	02	DY	HX	HX	G7DE/F			?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL2BAD

24905.0	5	2014	2	20	1150		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
24905.0	6	2014	2	5	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
24910.0	30	2014	2	25	0700		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
24915.0	6	2014	2	10	1015		A3E				ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2014	2	21	2355		A3E				CODAR	QG52xi	WIA	VK4TJ
24937.5	6	2014	2	5	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2014	2	22	0915		A3E				ASIAN	QG52xi	WIA	VK4TJ
24975.0	8	2014	2	9	0445		F3E				ASIAN	QG52xi	WIA	VK4TJ
24980.0	40	2014	2	17	0420		VXX				CODAR	QG52xi	WIA	VK4TJ
24985.0	6	2014	2	21	2355		A3E				ASIAN	QG52xi	WIA	VK4TJ
28000.0	8	2014	2	1	0105		F3E				ASIAN	QG52xi	WIA	VK4TJ
28000		2014	02	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 6 & 8 PSK	RF72LQ	NZART	ZL2BAD
28000		2014	02	DY	HX	HX	G7DE		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL2BAD
28003.0	3	2014	2	12	0900		J3E/U				SPANISH LANGUAGE, BAND OPEN TO EUROPE	QG52xi	WIA	VK4TJ
28005.0	6	2014	2	1	0105		A3E				ASIAN	QG52xi	WIA	VK4TJ
28005.0	5	2014	2	3	0820		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28015.0	6	2014	2	1	0105		A3E				ASIAN	QG52xi	WIA	VK4TJ
28025.0	5	2014	2	28	2350		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28025.0	8	2014	2	1	0110		F3E				ASIAN	QG52xi	WIA	VK4TJ
28029.5	21	2014	02	23	<0610>	0610-0614	P0N		330	CYP	Unid	OTHR S4 50 pps continuous 20 kHz	NZART	ZL1GWE
28030.0	30	2014	2	6	0900		P0N				OTHR	QG52xi	WIA	VK4TJ
28030	20	2014	02	15	<0727>	0727-0834	P0N		330	CYP	Unid	OTHR S6 Cyprus continuous 20 kHz	NZART	ZL1GWE
28035.0	6	2014	2	1	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
28040.0		2014	2	28	0910		A1A			4NAY	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28040.0	30	2014	2	13	1015		P0N				OTHR	QG52xi	WIA	VK4TJ
28040.0	6	2014	2	6	0910		A3E				ASIAN	QG52xi	WIA	VK4TJ
28043.0	6	2014	2	9	0425		A3E				ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2014	2	1	0355		A3E				ASIAN	QG52xi	WIA	VK4TJ
28050.0	5	2014	2	22	0010		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28050.0	20	2014	2	14	0640		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
28050.0	8	2014	2	6	1000		F3E				ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2014	2	1	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
28060.0	5	2014	2	14	2345		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28060.0	1	2014	2	7	0905		F1B		300		BURSTS	QG52xi	WIA	VK4TJ
28062.5	6	2014	2	1	0705		A3E				ASIAN	QG52xi	WIA	VK4TJ
28064		2014	02	06	<0605>	0605	G7DF		330	?	Unid	HF Man Pack 8-PSK S1	NZART	ZL1GWE
28065.0	6	2014	2	1	0145		A3E				ASIAN	QG52xi	WIA	VK4TJ
28065.0	5	2014	2	8	0025		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28065.0	3	2014	2	8	0035		A3E				SPANISH LANGUAGE, ROGER BEEPS	QG52xi	WIA	VK4TJ
28075.0	6	2014	2	1	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2014	2	1	0340		A3E				ASIAN	QG52xi	WIA	VK4TJ
28090.0	50	2014	2	6	0640		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ

28100.0	20	2014	2	16	0735	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ	
28100.0	8	2014	2	1	0710	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28105.0	6	2014	2	1	0145	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28112.5	6	2014	2	1	0710	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28115.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28125.0	8	2014	2	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28130.0	6	2014	2	1	0715	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28135.0	6	2014	2	1	0145	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28145.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28150.0	8	2014	2	21	2335	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28150.0	100	2014	2	1	0320	P0N		IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ	
28155.0	6	2014	2	1	0725	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28162.5	6	2014	2	1	0725	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28165.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28170.0	6	2014	2	10	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28175.0	8	2014	2	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28185.0	8	2014	2	1	0145	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28195.0	6	2014	2	1	0105	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28200.0	8	2014	2	1	0805	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28205.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28212.5	6	2014	2	6	1000	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28215.0	6	2014	2	1	0810	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28225.0	8	2014	2	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28229.5	21	2014	02	06	<0530>	P0N	0530	330	CYP	Unid	OTHR 50 pps continuous S8 continous	RF73MF	NZART	ZL1GWE
28235.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28237.5	6	2014	2	1	0815	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28241		2014	02	23	<0723>	G7DF	0723	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
28245.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28250.0	8	2014	2	6	0915	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28252.6		2014	2	6	0915	A1A			FL1	DRIFTNET BEACON	QG52xi	WIA	VK4TJ	
28255.0	6	2014	2	1	0820	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28262.5	6	2014	2	1	0820	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28265.0	6	2014	2	1	0820	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28270.0	6	2014	2	16	1005	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28270.0	100	2014	2	16	1005	P0N			IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ	
28270.5	20	2014	02	07	<0653>	P0N	0653>	330	CYP	Unid	OTHR S8 QSB Cyprus continuous 50 pps	RF73MF	NZART	ZL1GWE
28275.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28280.0	6	2014	2	21	2255	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28285.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28287.5	8	2014	2	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28290	20	2014	02	23	<0646	P0N	0646-0650	330	CYP	Unid	OTHR S4 Cyprus continuous 50 pps increased to S6 at 0650z	RF73MF	NZART	ZL1GWE
28295.0	8	2014	2	1	0110	F3E				ASIAN	QG52xi	WIA	VK4TJ	

28300.0	8	2014	2	1	0830	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28305.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28308.0	6	2014	2	13	0920	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28310.0	100	2014	2	22	0850	P0N		IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ	
28315.0	6	2014	2	1	0110	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28322.0	6	2014	2	22	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28325.0	8	2014	2	1	0115	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28335.0	6	2014	2	1	0830	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28337.5	6	2014	2	22	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28350.0	8	2014	2	5	0950	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28352.9		2014	2	1	0830	A1A		RT02		DRIFTNET BEACON	QG52xi	WIA	VK4TJ	
28355.0	6	2014	2	2	0250	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28362.5	6	2014	2	13	0920	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28365.0	6	2014	2	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28369	24	2014	02	06	<0628>	P0N	0628	330	CYP	Unid	OTHR Cyprus S9 continuous 20 kHz 50pps	RF73Mf	NZART	ZL1GWE
28375.0	8	2014	2	1	0115	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28385.0	5	2014	2	1	0845	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
28385.0	6	2014	2	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28387.5	6	2014	2	1	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28390.0	6	2014	2	1	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28392.0	6	2014	2	1	0925	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28395.0	6	2014	2	13	0920	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28400.0	6	2014	2	1	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28400.0	30	2014	2	8	0445	P0N				OTHR	QG52xi	WIA	VK4TJ	
28400		2014	02	06	<0534>	P0N	0534	330	IRN	Unid	OTHR Iranian frequency hopping S2 308 pps bursts up and down the band	RF73MF	NZART	ZL1GWE
28405.0	6	2014	2	1	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28415.0	6	2014	2	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28425.0	8	2014	2	1	0115	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28426.0	1	2014	2	1	0320	F1B		150		WAVERIDER?	QG52xi	WIA	VK4TJ	
28430.0	100	2014	2	1	0900	P0N			IRI	OTHR	QG52xi	WIA	VK4TJ	
28435.0	6	2014	2	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28437.5	6	2014	2	14	0840	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28440.0	5	2014	2	5	0955	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ	
28440.0	6	2014	2	6	1005	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28445.0	6	2014	2	1	0910	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28450.0	6	2014	2	6	0925	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28455.0	6	2014	2	1	0115	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28462.5	8	2014	2	14	0840	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28465.0	6	2014	2	1	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28475.0	8	2014	2	1	0115	F3E				ASIAN	QG52xi	WIA	VK4TJ	
28480.0	100	2014	2	12	0915	P0N			IRI	OTHR	QG52xi	WIA	VK4TJ	
28480.0	6	2014	2	1	0140	A3E				ASIAN	QG52xi	WIA	VK4TJ	
28485.0	6	2014	2	1	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	

28485		2014	02	15	<0419>	0419	P0N	330	IRN	Unid	OTHR Iranian S2 on top of FT5ZM expedition	RF73MF	NZART	ZL1GWE
28490.0	100	2014	2	6	1005		P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28505.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28512	18	2014	02	23	<0646>	0646-0650	P0N	330	CYP	Unid	OTHR S3 continuous 20 kHz Cyprus increased to S5 at 0650z	RF73MF	NZART	ZL1GWE
28515.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2014	2	1	0115		F3E				ASIAN	QG52xi	WIA	VK4TJ
28530.0	6	2014	2	21	2300		A3E				ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28540.0	6	2014	2	10	0935		A3E				ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	2	1	0325		F3E				ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28587.5	6	2014	2	21	0925		A3E				ASIAN	QG52xi	WIA	VK4TJ
28590.0	100	2014	2	6	0935		P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28595.0	6	2014	2	1	0115		A3E				ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2014	2	6	0940		A3E				ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2014	2	2	0305		A3E				ASIAN	QG52xi	WIA	VK4TJ
28612.5	6	2014	2	23	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	2	1	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
28620.0	100	2014	2	23	0955		P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28625.0	6	2014	2	6	0940		A3E				ASIAN	QG52xi	WIA	VK4TJ
28630.0	5	2014	2	21	2300		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28635.0	6	2014	2	1	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2014	2	1	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2014	2	6	0940		A3E				ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	2	1	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	2	1	0140		A3E				ASIAN	QG52xi	WIA	VK4TJ
28670.0	6	2014	2	1	0120		A3E				ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	2	1	0120		F3E				ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	2	6	0940		A3E				ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2014	2	9	0430		A3E				ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2014	2	2	0305		A3E				ASIAN	QG52xi	WIA	VK4TJ
28699.5	21	2014	02	15	<0717>	0717-0834	P0N	330	CYP	Unid	OTHR Cyprus S9 continuous 20 kHz 50pps SF 167	RF73MF	NZART	ZL1GWE
28700.0	20	2014	2	13	0925		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28700.0	8	2014	2	6	0940		F3E				ASIAN	QG52xi	WIA	VK4TJ
28705.0	8	2014	2	1	0120		F3E				ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2014	2	21	0925		A3E				ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2014	2	6	0940		A3E				ASIAN	QG52xi	WIA	VK4TJ
28725.0	8	2014	2	6	0940		F3E				ASIAN	QG52xi	WIA	VK4TJ
28730.0	6	2014	2	13	0930		A3E				ASIAN	QG52xi	WIA	VK4TJ
28731		2014	02	15	<0725>	0725	G7DF	330	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE

28735.0	6	2014	2	1	0140	A3E				ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2014	2	10	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ
28740.0	6	2014	2	2	0305	A3E				ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2014	2	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ
28750.0	6	2014	2	22	0900	A3E				ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2014	2	1	0120	A3E				ASIAN	QG52xi	WIA	VK4TJ
28760.0	100	2014	2	6	1010	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28765.0	6	2014	2	22	0900	A3E				ASIAN	QG52xi	WIA	VK4TJ
28770.0	6	2014	2	22	0900	A3E				ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2014	2	1	0120	F3E				ASIAN	QG52xi	WIA	VK4TJ
28780.0	100	2014	2	22	0825	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28785.0	6	2014	2	6	1010	A3E				ASIAN	QG52xi	WIA	VK4TJ
28790.0	100	2014	2	6	0940	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28790.0	6	2014	2	6	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ
28800.0	8	2014	2	21	2305	F3E				ASIAN	QG52xi	WIA	VK4TJ
28805.0	6	2014	2	7	0925	A3E				ASIAN	QG52xi	WIA	VK4TJ
28820.0	6	2014	2	6	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2014	2	1	0120	F3E				ASIAN	QG52xi	WIA	VK4TJ
28845.0	6	2014	2	8	0450	A3E				ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	2	1	0120	F3E				ASIAN	QG52xi	WIA	VK4TJ
28850		2014	02	15	<0659>	F3E	0659	330	CHN	Unid	Non Amateurs in QSO FM S4 full quietening - Chinese SF167	RF73MF	NZART ZL1GWE
28862.5	8	2014	2	9	0435	F3E				ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2014	2	22	0905	A3E				ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2014	2	1	0120	F3E				ASIAN	QG52xi	WIA	VK4TJ
28880.0	100	2014	2	12	0930	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ
28887.5	6	2014	2	21	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ
28890.0	20	2014	2	23	0750	P0N				OTHR	QG52xi	WIA	VK4TJ
28890	22	2014	02	23	<0610>	P0N	0610	330	CYP	Unid	OTHR 50 pps S4 QSB 20 kHz continuous Cyprus	RF73Mf	NZART ZL1GWE
28890	20	2014	02	23	<0725>	P0N	0725	330	CYP	Unid	OTHR Cyprus S6 continuous 50 pps	RF73MF	NZART ZL1GWE
28900.0	8	2014	2	7	0925	F3E				ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2014	2	13	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ
28912	64	2014	02	23	<0530>	P0N	0530	330	IRN	Unid	OTHR S2 bursts	RF73Mf	NZART ZL1GWE
28920.0	6	2014	2	1	0125	A3E				ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	2	1	0125	F3E				ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2014	2	6	1010	A3E				ASIAN	QG52xi	WIA	VK4TJ
28937.5	8	2014	2	8	0450	F3E				ASIAN	QG52xi	WIA	VK4TJ
28950.0	6	2014	2	13	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2014	2	7	0925	A3E				ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	2	1	0135	F3E				ASIAN	QG52xi	WIA	VK4TJ
28985.0	6	2014	2	1	0125	A3E				ASIAN	QG52xi	WIA	VK4TJ

28987.5	8	2014	2	21	0930	F3E				ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2014	2	8	0450	F3E				ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2014	2	21	2325	F3E				ASIAN	QG52xi	WIA	VK4TJ
29020.0	6	2014	2	23	1025	A3E				ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	2	6	0945	F3E				ASIAN	QG52xi	WIA	VK4TJ
29030.0	60	2014	2	27	0940	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29030	22	2014	02	23	<0619>	P0N	0619	330	CYP	Unid	OTHR S9 Continuous residual BW 28994-29062 sidebands 310 pps 5.7 sec	NZART	ZL1GWE
29035.0	6	2014	2	1	0135	A3E				ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2014	2	21	2310	F3E				ASIAN	QG52xi	WIA	VK4TJ
29040.0	3	2014	2	13	0940	J3E/U				ASIAN, NOT CHINESE	QG52xi	WIA	VK4TJ
29040.0	6	2014	2	6	1010	A3E				ASIAN	QG52xi	WIA	VK4TJ
29050.0	100	2014	2	13	0940	P0N			IRI	OTHR	QG52xi	WIA	VK4TJ
29050.0	8	2014	2	5	1000	F3E				ASIAN	QG52xi	WIA	VK4TJ
29050		2014	02	15	<0657>	F3E	0657	330	CHN	Unid	Non Amateurs in QSO FM S4 full quietening - Chinese	NZART	ZL1GWE
29055.0	6	2014	2	27	0945	A3E				ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2014	2	1	0135	F3E				ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2014	2	1	0135	F3E				ASIAN	QG52xi	WIA	VK4TJ
29100		2014	02	15	<0655>	F3E	0655	330	CHN	Unid	Non Amateurs in QSO FM S4 full quietening - Chinese	NZART	ZL1GWE
29125.0	8	2014	2	9	0435	A3E				ASIAN	QG52xi	WIA	VK4TJ
29130.0	6	2014	2	7	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ
29135.0	100	2014	2	9	0440	P0N			IRI	OTHR	QG52xi	WIA	VK4TJ
29137.5	8	2014	2	6	1010	F3E				ASIAN	QG52xi	WIA	VK4TJ
29150.0	6	2014	2	1	0325	A3E				ASIAN	QG52xi	WIA	VK4TJ
29150		2014	02	15	<0700>	F3E	0700	330	CHN	Unid	Non Amateurs in QSO FM S3 - Chinese	NZART	ZL1GWE
29155.0	6	2014	2	12	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2014	2	12	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	2	6	1010	F3E				ASIAN	QG52xi	WIA	VK4TJ
29185.0	6	2014	2	14	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
29195.0	6	2014	2	22	0910	A3E				ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	2	1	0325	A3E				ASIAN	QG52xi	WIA	VK4TJ
29200	20	2014	02	23	<0720>	P0N	0720	330	CYP	Unid	OTHR S6 Cyprus continious 50 pps	NZART	ZL1GWE
29212.5	6	2014	2	21	2310	A3E				ASIAN	QG52xi	WIA	VK4TJ
29215.0	6	2014	2	21	2325	A3E				ASIAN	QG52xi	WIA	VK4TJ
29225.0	6	2014	2	21	2320	A3E				ASIAN	QG52xi	WIA	VK4TJ
29235.0	6	2014	2	21	2320	A3E				ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	2	21	2310	A3E				ASIAN	QG52xi	WIA	VK4TJ
29245.0	6	2014	2	6	1015	A3E				ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	2	1	0325	A3E				ASIAN	QG52xi	WIA	VK4TJ
29262.5	6	2014	2	9	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ

29265.0	6	2014	2	21	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29275.0	6	2014	2	14	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29287.5	6	2014	2	1	0330	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29290.0	20	2014	2	23	1030	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
29300.0	6	2014	2	7	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29300.0	20	2014	2	8	0450	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
29312.5	6	2014	2	24	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29315.0	6	2014	2	21	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29325.0	6	2014	2	21	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29340.0	100	2014	2	12	0940	P0N		IRI		OTHR	QG52xi	WIA	VK4TJ	
29350.0	6	2014	2	21	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29362.5	6	2014	2	1	0335	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29375.0	6	2014	2	2	0545	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29387.5	6	2014	2	22	0910	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29400.0	6	2014	2	7	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29412.5	8	2014	2	22	0910	F3E				ASIAN	QG52xi	WIA	VK4TJ	
29415.0	6	2014	2	5	1000	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29425.0	6	2014	2	7	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29437.5	6	2014	2	14	0850	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29445.0	6	2014	2	22	0910	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29450.0	6	2014	2	21	1020	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29455.0	6	2014	2	9	0440	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29465.0	6	2014	2	21	2320	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29475.0	6	2014	2	5	1000	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29485.0	6	2014	2	5	1000	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29487.5	6	2014	2	21	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29500.0	6	2014	2	14	0940	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29512.5	6	2014	2	23	0905	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29515.0	6	2014	2	6	0950	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29525.0	6	2014	2	14	0930	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29525	20	2014	02	26	<0243>	P0N	0243	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD	
29535.0	6	2014	2	21	2320	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29535.0	5	2014	2	14	0930	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ	
29550.0	6	2014	2	21	0935	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29550		2014	02	DY	<0002>	F1B	0002-2200	150	?	Unid	Continuous 150 shift Unknown Baud rate - Unprintable	RF72LQ	NZART	ZL2BAD
29550		2014	02	DY	H24	F1B	H24	150	?	Unid	Continuous 150 shift Unknown Baud rate - Unprintable	RF72LQ	NZART	ZL2BAD
29575.0	6	2014	2	1	0330	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29580.0	100	2014	2	6	0950	P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ	
29587.5	6	2014	2	21	0950	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29595.0	6	2014	2	22	0915	A3E				ASIAN	QG52xi	WIA	VK4TJ	
29600.0	6	2014	2	6	0950	A3E				ASIAN	QG52xi	WIA	VK4TJ	

29600	25	2014	02	25	<0515>	0515	P0N		CYP	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
29600	25	2014	02	27	<0520>	0520	P0N		CYP	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
29610	20	2014	02	23	<0736>	0726	P0N	330	CYP	Unid	OTHR S6 Cyprus continious 50 pps	RF73MF	NZART	ZL1GWE
29620		2014	02	DY	HX	HX	A2?		?	Unid	Military 8 Tone mod. Carriers, VK Defence Force	RF72LQ	NZART	ZL2BAD
29625.0	6	2014	2	1	0130		A3E				ASIAN	QG52xi	WIA	VK4TJ
29625		2014	02	28	<2220>	2220	???		?	Unid	R/T Network Spanish Conversations	RF72LQ	NZART	ZL2BAD
29637.5	8	2014	2	12	0945		F3E				ASIAN	QG52xi	WIA	VK4TJ
29645.0	6	2014	2	6	0950		A3E				ASIAN	QG52xi	WIA	VK4TJ
29649		2014	02	22	<0737>	0737	G7DF	330		Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
29650.0	6	2014	2	9	0440		A3E				ASIAN	QG52xi	WIA	VK4TJ
29650		2014	02	DY	<2025>	2025-2200	F1B	150	?	Unid	RTTY Continuous 150 shift Unknown Baud rate - Unprintable	RF72LQ	NZART	ZL2BAD
29650		2014	02	DY	<0002>	0002-0600	F1B	150	?	Unid	RTTY Unknown Baud rate - unprintable	RF72LQ	NZART	ZL2BAD
29655.0	6	2014	2	8	0455		A3E				ASIAN	QG52xi	WIA	VK4TJ
29660		2014	02	08	<2250>	2250	F7?		?	Unid	Multiple tone mod. Carriers	RF72LQ	NZART	ZL2BAD
29660		2014	02	17	<0245>	0245-0300	???		?	Unid	Non Amateurs R/T network. 6 tones with speech under	RF72LQ	NZART	ZL2BAD
29660		2014	02	18	<0230>	0230	???		?	Unid	Non Amateurs R/T Network Spanish Conversations	RF72LQ	NZART	ZL2BAD
29660		2014	02	25	<2230>	2230	???		?	Unid	9 tone mod. Carriers with speech under	RF72LQ	NZART	ZL2BAD
29660		2014	02	26	<0215>	0215	???		?	Unid	Non Amateurs R/T Network Spanish Conversations	RF72LQ	NZART	ZL2BAD
29662.5	6	2014	2	14	0900		A3E				ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2014	2	5	1000		F3E				ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	2	9	0445		F3E				ASIAN	QG52xi	WIA	VK4TJ
29700.0	8	2014	2	7	0935		F3E				ASIAN	QG52xi	WIA	VK4TJ