



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



August 2014

Peter Young VK3MV

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

This month there were 865 observations of intruders made across the Region as compared to last month number of 694. The lower numbers this month is a reflection of the poorer propagation conditions on the higher HF bands.

OHR systems continue to be a problem on 10, 15 and 20 meters, despite repeated reports to regulatory authorities.

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
3532.0	5	2014	8	1	1950		G1D							QG52xi	WIA	VK4TJ
3536		2014	08	16	<0708>	0708	J3E?L				JAP	Unid	Non Amateurs Japanese speakers S5 random number(...44848 71248 12665...)	RF73MF	NZART	ZL1GWE
3547	0.5	2014	08	11	11:09								music with no call sign	PM84UQ	JARL	
3553	3	2014	08	09	14:05								FAX	PM84UQ	JARL	
3585.0	3	2014	8	1	1950		J1C				JPN		IDLING	QG52xi	WIA	VK4TJ
3591.0	3	2014	8	31	1800		F1B						FAX	QG52xi	WIA	VK4TJ
3623.0	3	2014	8	1	1950		J1C				JPN		SOUNDS ARABIC	QG52xi	WIA	VK4TJ
3659.0	3	2014	8	29	1940		J3E/U						10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
3664.0	5	2014	8	2	1830		G7D									
3679		2014	08	03	<0626>	0626	G7DF				?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
3700.0	100	2014	8	31	1005		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3777.0		2014	8	1	1945		A1A					RIS9	CALLING M8JF	QG52xi	WIA	VK4TJ
3787.0		2014	8	2	1825		A1A						NUMBER CIPHER	QG52xi	WIA	VK4TJ
3798	0.5	2014	08	09	14:09								m8jf m8jf m8jf de ris9	PM84UQ	JARL	
3800.0	200	2014	8	30	2000		P0N						ris9 v DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
6980.0	200	2014	8	1	1945		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
6998		2014	08	10	<0733>	0733-0735	J3E/U				AUS	Unid	Non Amateurs Australians Workshop Five called by Radio Base S5 repairing cars	RF73MF	NZART	ZL1GWE
7000.0	3	2014	8	1	0855		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000		2014	08	03	<0815>	0815	J3E/U				IND	Unid	Non Amateurs USB S1 Indonesian S1 increased to S3	RF73MF	NZART	ZL1GWE
7000		2014	08	03	<1000>	1000	J3E/U				IND	Unid	Non Amateurs USB S5	RF70BW	NZART	ZL2APV
7000		2014	08	25	<0820>	0820	J3E?U				IND	Unid	Non Amateurs USB S5	RE78JP	NZART	ZL2AFP
7000		2014	08	DY	HX	HX	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL2BAD
7000		2014	08	DY	HX	HX	G7DE/F				?	Unid	HF Man Pack 1 PSK & 8 PSK	RF72LQ	NZART	ZL2BAD
7000		2014	08	10	<0733>	0733	J3E/U				IND	Unid	Non Amateurs Indonesians chatting S3	RF73MF	NZART	ZL1GWE
7000		2014	08	16	<0801>	0801	J3E?U				IND	Unid	Non Amateurs Indonesians chatting S3	RF73MF	NZART	ZL1GWE
7005.0	3	2014	8	1	1140		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	8	4	0950		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	5	2014	8	23	0820		G7DF						HF MANPACK	QG52xi	WIA	VK4TJ
7010.0	3	2014	8	1	1140		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	8	2	1230		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010	120	2014	08	12	<1935>	1935	P0N				?	Unid	Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL2BAD

7015.0	3	2014	8	1	1140		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	8	1	0855		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015		2014	08	03	<0815>	0815	J3E/U		IND	Unid	Non Amateurs USB S1 Indonesian S1 readable increased to S3	RF73MF	NZART	ZL1GWE
7020.0	3	2014	8	1	1140		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	8	29	0850		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	8	1	0855		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	8	1	1140		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7026	3	2014	08	30	1804		JM	non	non	non	white noise	PM97	JARL	
7027		2014	08	31	<2230- 2240>		A1A		UNID	"V"	SINGLE LETTER BEACON "V"	MK82	ARSI	FT757GX, I V
7027.5		2014	8	1	1955		A1A		RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7028.0	5	2014	8	30	2015		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7030.0	3	2014	8	1	0855		J3E/L		INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7030.0	3	2014	8	7	0935		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	40	2014	8	7	0930		VXX				CODAR	QG52xi	WIA	VK4TJ
7032.0	5	2014	8	1	1955		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7032		2014	08	10	<0747>	0747	g7df		?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
7036.0	1	2014	8	31	1810		F1B	200			CONTINUOUS, IDLING	QG52xi	WIA	VK4TJ
7036	3	2014	08	11	1802		F1B	non	non	non	IDL only	PM97	JARL	
7036	3	2014	08	17	1802		F1B	non	non	non	IDL only	PM97	JARL	
7036	3	2014	08	30	1758		F1B	non	non	non	IDL only	PM97	JARL	
7038.5		2014	08	02	<0001- 0010>		A1A		UNID	"D"	SINGLE LETTER BEACON "D"	MK82	ARSI	FT757GX, I V
7038.5		2014	08	31	<2200- 2215>		A1A		UNID	"D"	SINGLE LETTER BEACON "D"	MK82	ARSI	FT757GX, I V
7038.7		2014	8	1	1950		A1A		RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039		2014	08	DY	HX24	0330-2200	A1A		RUS	D	Beacon	RF72LQ	NZART	ZL2BAD
7039		2014	08	DY	HX24	0330-2200	A1A		RUS	M	Beacon	RF72LQ	NZART	ZL2BAD
7039		2014	08	DY	HX24	0330-2200	A1A		RUS	F	Beacon	RF72LQ	NZART	ZL2BAD
7039		2014	08	DY	HX24	0330-2200	A1A		RUS	K	Beacon	RF72LQ	NZART	ZL2BAD
7039	0.5	2014	08	01	1010		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	08	01	1216		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	08	01	1820		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	08	02	1020		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	08	02	1210		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	08	02	1830		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	08	03	1020		A1A	15	RUS	M-- signal	Beacon	PM97	JARL	

7039	0.5	2014	08	03	1206	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	03	1810	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	03	1940	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	04	1020	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	04	1218	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	04	1810	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	04	1946	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	05	1030	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	05	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	05	1810	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	05	1956	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	06	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	06	1218	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	06	1802	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	06	1914	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	07	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	07	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	08	1020	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	08	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	08	1750	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	08	1910	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	10	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	10	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	10	1830	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	11	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	11	1214	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	11	1810	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	11	1930	A1A	15	RUS	M-- signal	Beacon	PM97	JARL

7039	0.5	2014	08	12	1010	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	12	1210	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	12	1810	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	12	1920	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	13	1010	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	13	1220	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	13	1816	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	14	1010	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	14	1212	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	14	1808	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	14	1930	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	15	1010	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	15	1220	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	15	1830	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	16	1004	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	16	1208	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	16	1810	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	17	1000	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	17	1210	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	17	1814	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	18	1010	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	18	1220	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	18	1814	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	19	1008	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	19	1216	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	19	1820	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	20	1010	A1A	15	RUS	signal M-- signal	Beacon	PM97	JARL

7039	0.5	2014	08	20	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	20	1850	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	21	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	21	1208	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	21	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	25	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	25	1220	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	25	1840	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1002	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1622	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1810	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	2020	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	26	2022	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	27	0956	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	27	1000	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	27	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	27	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	27	1620	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	27	1910	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	28	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	28	1214	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	28	1612	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	08	29	1002	A1A	321	RUS	F-- signal	Beacon	PM97	JARL

7039	0.5	2014	08	29	1006		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	29	1204		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	29	1850		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	30	1004		A1A	321	RUS	signal F--	Beacon	PM97	JARL	
7039	0.5	2014	08	30	1008		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	30	1220		A1A	321	RUS	signal F--	Beacon	PM97	JARL	
7039	0.5	2014	08	30	1222		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	30	1810		A1A	321	RUS	signal F--	Beacon	PM97	JARL	
7039	0.5	2014	08	30	1812		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	31	1010		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	31	1220		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039	0.5	2014	08	31	1830		A1A	15	RUS	signal M--	Beacon	PM97	JARL	
7039.2		2014	8	26	0905		A1A		RUS	signal F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	8	1	0930		A1A		RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2014	8	1	0905		A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7040.0	20	2014	8	29	1945		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7040.0	20	2014	8	31	1945		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7040		2014	08	10	<0750>	0750	G7DF		?	Unid	HF Man Pack 8-PSK S5	RF73MF	NZART	ZL1GWE
7040	0.5	2014	08	06	14:33						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	10	12:08						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	11	11:46						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	12	13:56						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	14	12:47						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	18	12:44						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	19	13:49						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	24	13:17						train of " M "	PM84UQ	JARL	
7040	0.5	2014	08	28	14:46						train of " M "	PM84UQ	JARL	
7045.0	1	2014	8	18	1830		F1B	HIGH	200		CONTINUOUS	QG52xi	WIA	VK4TJ
7047.0	1	2014	8	31	0910		F1B		200		RHYTHMIC BURSTS	QG52xi	WIA	VK4TJ
7050.0	50	2014	8	13	1200		P0N				OTHER, SLOW PULSE RATE, CONTINUOUS	QG52xi	WIA	VK4TJ
7063	3	2014	08	18	1800		JM	non	non	non	white noise	PM97	JARL	
7074.0	5	2014	8	18	1825		G1D				BROAD PSK	QG52xi	WIA	VK4TJ

7077.0	5	2014	8	31	1805		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7077	34	2014	08	16	1756		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7077	34	2014	08	17	1806		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7077	34	2014	08	21	1820		P0N	non	non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7080.0	3	2014	8	29	0850		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
7085	30	2014	08	23	<0745>	0745	P0N		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
7088.8		2014	8	1	2000		A2A				TX PROBLEMS, MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7090.0	40	2014	8	23	1955		VXX				CODAR	QG52xi	WIA	VK4TJ
7096.0		2014	8	1	2000		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7100.0		2014	8	1	2000		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7100.0	40	2014	8	4	1000		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7100.0	3	2014	8	2	1230		J3E/L		INS		DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7104.0	1	2014	8	31	0905		F1B				SELCALL	QG52xi	WIA	VK4TJ
7108.0		2014	8	29	0845		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7120.0	8	2014	8	2	1820		A3E		SOM		RADIO HARGEISA	QG52xi	WIA	VK4TJ
7120	3	2014	08	11	1814		A3E	non	non	non	talk and music	PM97	JARL	
7120	3	2014	08	12	1748		A3E	non	non	non	music and talk	PM97	JARL	
7120	2	2014	08	18	1808		A3E	non	non	non	talk and music	PM97	JARL	
7120	3	2014	08	28	1840		A3E	non	non	non	talk and music	PM97	JARL	
7128.0	5	2014	8	31	1805		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7135.0	40	2014	8	1	0930		VXX				CODAR	QG52xi	WIA	VK4TJ
7135.1	3	2014	8	31	0905		J3E/L		INS		BAHASA, FAMILY NET	QG52xi	WIA	VK4TJ
7150.0	3	2014	8	28	1020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7160.0	100	2014	8	21	0845		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7161.0		2014	8	31	0830		A1A			RJD94	MIXED NUMBER/LETTER CIPHER, MANY NON- ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
7164.0	5	2014	8	18	1825		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7175.0		2014	8	22	1955		N0N					QG52xi	WIA	VK4TJ
7177.0		2014	8	10	2000		A1A				NUMBER CIPHER	QG52xi	WIA	VK4TJ
7177.4	3	2014	8	28	1020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ

7180.0	100	2014	8	11	0845	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
7180.5	3	2014	8	21	0845	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ	
7184.0	1	2014	8	28	2015	F1B			SELCALL TONES	QG52xi	WIA	VK4TJ	
7189.0		2014	8	31	0930	A1A			MIXED NUMBER/LETTER CIPHER, MANY NON- ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ	
7190.0	3	2014	8	31	0930	J3E/L			BAHASA, MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ	
7190.0	3	2014	8	1	0905	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ	
7193.3	3	2014	8	19	0930	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ	
7194.0		2014	8	1	0925	A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ	
7195.0	8	2014	8	1	0920	A3E			SW BROADCAST	QG52xi	WIA	VK4TJ	
7197.0	5	2014	8	22	1950	G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ	
7200.0	8	2014	8	1	1955	A3E			SW BROADCAST	QG52xi	WIA	VK4TJ	
7250.0	40	2014	8	31	0900	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
10100.0	8	2014	8	31	0850	A3E			SW BROADCAST	QG52xi	WIA	VK4TJ	
10120.0	20	2014	8	28	1000	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
10125.0	20	2014	8	23	0735	P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ	
10130.0	20	2014	8	30	2020	P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ	
14000.0	20	2014	8	9	0700	P0N			OTHR, BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ	
14000.0	3	2014	8	1	0800	J3E/U		PHL	DAILY, TAGALOG	QG52xi	WIA	VK4TJ	
14000.0	3	2014	8	22	2310	J3E/U			PORTUGUESE	QG52xi	WIA	VK4TJ	
14000.0	5	2014	8	4	0505	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14000		2014	08	DY	HX	HX	G7DE	?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL2BAD
14001.5		2014	08	31	<0305- 0315>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14005.0	5	2014	8	4	0510	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14005		2014	08	06	<0200- 0210>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14006.2	3	2014	8	17	0635	J3E/L			SPANISH, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ	
14008		2014	08	31	<0230- 0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14008.6		2014	08	31	<0230- 0245>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE	MK82	ARSI	FT757GX, I V

ONLY – 2 OM

14008.8	3	2014	8	9	0800	J3E/L			ASIAN	QG52xi	WIA	VK4TJ	
14008.8	3	2014	8	18	0945	J3E/U			ASIAN	QG52xi	WIA	VK4TJ	
14010.0	3	2014	8	7	1020	J3E/U			ASIAN	QG52xi	WIA	VK4TJ	
14010.0	5	2014	8	4	0415	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14010.1	3	2014	8	1	0750	J3E/U			ASIAN	QG52xi	WIA	VK4TJ	
14011.0	3	2014	8	19	0830	J3E/L			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ	
14011.2	3	2014	8	29	0715	J3E/L			ASIAN	QG52xi	WIA	VK4TJ	
14012.2	3	2014	8	1	0950	J3E/L			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ	
14012.3	3	2014	8	27	0805	J3E/U			ASIAN	QG52xi	WIA	VK4TJ	
14013.0	3	2014	8	11	1000	J3E/L			ASIAN	QG52xi	WIA	VK4TJ	
14014.0	5	2014	8	30	2020	G1D			BROAD PSK	QG52xi	WIA	VK4TJ	
14014		2014	08	05	<0330-0340>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V	
14014		2014	08	21	<0200-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V	
14015.0	5	2014	8	5	0745	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14020.0	5	2014	8	4	0425	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14020.0	3	2014	8	10	0950	J3E/L			ASIAN	QG52xi	WIA	VK4TJ	
14020.0	3	2014	8	7	1025	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ	
14020		2014	08	12	<0100-0120>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V	
14021.0	1	2014	8	7	1030	F1B			SELCALL TONES	QG52xi	WIA	VK4TJ	
14024		2014	08	02	<0235-0245>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V	
14025.0	5	2014	8	4	0430	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14027.0	5	2014	8	26	1000	G1D			BROAD PSK	QG52xi	WIA	VK4TJ	
14027.7	3	2014	8	7	0805	J3E/L			ASIAN	QG52xi	WIA	VK4TJ	
14030.0	5	2014	8	4	0430	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14031.5		2014	08	19	<0220-0230>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V	
14032.1	3	2014	8	27	1150	J3E/U			ASIAN	QG52xi	WIA	VK4TJ	
14035.0	5	2014	8	4	0445	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
14035	10	2014	08	31	<2320>	P0N	2320	?	Unid	OTHR OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14035.8	3	2014	8	1	2140	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ	
14040.0	20	2014	8	4	0805	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	

14040.0	5	2014	8	4	0550	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14042.7	3	2014	8	30	0845	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14043.0	3	2014	8	16	0805	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14045.0	5	2014	8	4	0550	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14045.0	1	2014	8	7	0720	F1B	300			BURSTS	QG52xi	WIA	VK4TJ
14046.9	3	2014	8	1	0945	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14047.0	3	2014	8	6	0805	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	8	2	2245	J3E/U		PHI		DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14050.0	3	2014	8	18	2235	J3E/L				DAILY, SPANISH	QG52xi	WIA	VK4TJ
14050.0	3	2014	8	1	2005	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2014	8	4	0600	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	20	2014	8	3	0650	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14051.0	5	2014	8	18	0835	G7D				12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14051	10	2014	08	03	<0653>	0653	P0N	?	Unid	OTHR S3 83 PPS 2.9 second bursts	RF73MF	NZART	ZL1GWE
14051.9	3	2014	8	3	2125	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14052.1	3	2014	8	11	0830	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14053.0	3	2014	8	12	0930	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14055.0	20	2014	8	13	0940	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14055.0	5	2014	8	4	0605	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14055.5	3	2014	8	30	2040	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14060.0	20	2014	8	23	0750	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14060.0	5	2014	8	4	0710	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14061		2014	08	31	<0240- 0250>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14064.0	1	2014	8	7	0820	F1B	200	RUS		CONTINUOUS	QG52xi	WIA	VK4TJ
14065.0	5	2014	8	4	0045	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14065.4	3	2014	8	8	2150	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14070.0	10	2014	8	19	0925	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14070.0	5	2014	8	4	0715	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14073.0	3	2014	8	2	0855	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14075.0	10	2014	8	19	0605	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14080.0	5	2014	8	30	0640	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14083.1	3	2014	8	22	0900	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14085.0	5	2014	8	13	0715	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14086.0		2014	8	1	0755	A1A				LETTER CIPHER	QG52xi	WIA	VK4TJ
14086.0	1	2014	8	7	0925	F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14087.5	13	2014	08	03	<0716>	0716-0800	P0N	?	Unid	OTHR Continuous 50 pps S1	RF73MF	NZART	ZL1GWE
14088.0	5	2014	8	7	0830	G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14089		2014	08	28	<0532>	0532	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
14090.0	20	2014	8	3	0720	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ

14090.0	5	2014	8	4	0745		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14095.0	5	2014	8	5	0800		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14098.7	3	2014	8	5	0805		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14100.0	5	2014	8	5	0805		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14100.0	3	2014	8	1	0955		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14100.0	20	2014	8	9	0630		P0N				BURSTS	QG52xi	WIA	VK4TJ
14100	10	2014	08	09	<2300>	2300-2325	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14100.3	3	2014	8	11	1005		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14102.1	3	2014	8	1	0755		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14104	10	2014	08	26	<2140>	2140-2250	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14105.0	100	2014	8	31	0755		P0N				OTHR, LONG BURSTS	QG52xi	WIA	VK4TJ
14105.0	5	2014	8	5	0810		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14105.9	3	2014	8	4	0755		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14110.0	5	2014	8	5	0815		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14110.0	20	2014	8	3	0810		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
14110	10	2014	08	05	<0025>	0025	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14112	10	2014	08	23	<2230>	2230	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14113	15	2014	08	08	<2100>	2100	P0N		?	Unid	OTHR HFSWR 25 secs 7 pps	RF72LQ	NZART	ZL2BAD
14113.3	3	2014	8	28	0800		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14115.0	20	2014	8	9	2125		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
14115.0	5	2014	8	4	0800		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14118.0	5	2014	8	19	0610		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS,	QG52xi	WIA	VK4TJ
14120.0	5	2014	8	4	0815		G7DF				IDLING			
14120	10	2014	08	05	<2240>	2240	P0N		?	Unid	MANPACK RADIO	QG52xi	WIA	VK4TJ
14120	10	2014	08	26	<0344>	0344	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14125.0	5	2014	8	5	0820		G7DF				OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL2BAD
14125	15	2014	08	09	<2045>	2045	XXX		?	Unid	MANPACK RADIO	QG52xi	WIA	VK4TJ
14127.0	3	2014	8	4	0820		G7D				Multi-chnl	RF72LQ	NZART	ZL2BAD
14127.5	1	2014	8	4	0820		F1B	200			6 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14130.0	5	2014	8	13	0720		G7DF				BURSTS	QG52xi	WIA	VK4TJ
14130.0	20	2014	8	4	0825		P0N				MANPACK RADIO	QG52xi	WIA	VK4TJ
14130.0	3	2014	8	13	0935		J3E/U				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14131.0	1	2014	8	13	0935		F1B				ASIAN, FOLLOWED SELCALL, BELOW	QG52xi	WIA	VK4TJ
14134.9	3	2014	8	4	0930		J3E/L				SELCALL	QG52xi	WIA	VK4TJ
14135.0	5	2014	8	13	0725		G7DF				ASIAN	QG52xi	WIA	VK4TJ
14135	10	2014	08	11	<0335>	0335	P0N		?	Unid	MANPACK RADIO	QG52xi	WIA	VK4TJ
											OTHR 1.8 every 25 secs 70 pps	RF72LQ	NZART	ZL2BAD

14136		2014	08	28	<0530>	0530	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
14140.0	5	2014	8	13	0750		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14140.0	1	2014	8	1	0755		F1B				SELCALL	QG52xi	WIA	VK4TJ
14140	20	2014	08	26	<0042>	0042--0428	P0N		?	Unid	OTHR OTHR Continuous 50 pps (start 0420, fin. 0428)	RF72LQ	NZART	ZL2BAD
14141.3	3	2014	8	4	0840		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14142	10	2014	08	24	<2230>	2230	P0N		?	Unid	OTHR 3.7 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14144.0	5	2014	8	15	0725		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14144	10	2014	08	13	<2225>	2225	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14148.7	3	2014	8	4	0900		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14150.0	5	2014	8	5	0855		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14150	10	2014	08	05	<0402>	0402	P0N		?	Unid	OTHR HFSWR 18 secs @ 7 pps	RF72LQ	NZART	ZL2BAD
14151.5	3	2014	8	29	0755		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14155.0	5	2014	8	12	0950		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14156	10	2014	08	03	<0455>	0455	P0N		?	Unid	OTHR 3.8 every 25 secs 70 pps	RF72LQ	NZART	ZL2BAD
14158.0	3	2014	8	22	0905		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14158.0	5	2014	8	11	0345		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14160.0	1	2014	8	15	0730		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14160	10	2014	08	25	<0420>	0420	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14163	10	2014	08	14	<2150>	2150	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14166.0	3	2014	8	13	0845		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14171	10	2014	08	24	<2230>	2230	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14177	10	2014	08	24	<2230>	2230-2300	P0N		?	Unid	OTHR 3.7 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14177.5		2014	08	31	<1045-1055>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14180.0	20	2014	8	31	0545		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14183	10	2014	08	09	<2300>	2300-2325	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14185	10	2014	08	26	<0344>	0344	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL2BAD
14186	10	2014	08	19	<2225>	2225	P0N		?	Unid	OTHR 2 stns each OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14193.0	1	2014	8	31	0540		F1B	500			IDLING	QG52xi	WIA	VK4TJ
14195	10	2014	08	11	<0335>	0335	P0N		?	Unid	OTHR 1.8 every 25 secs 70 pps	RF72LQ	NZART	ZL2BAD
14200	10	2014	08	DY	<2045>	2045	P0N		?	Unid	OTHR OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD

14203.0	1	2014	8	19	0830		F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14207.1	3	2014	8	11	0825		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14209	10	2014	08	19	<2225>	2225	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14214	10	2014	08	11	<0335>	0335	P0N		?	Unid	OTHR 1.8 every 25 secs 70 pps	RF72LQ	NZART	ZL2BAD
14221.0	1	2014	8	1	2145		F1B	200			IDLING	QG52xi	WIA	VK4TJ
14221		2014	08	DY	<0001>	0001-2200	F1B	200	RUS	Unid	Idling - Not heard after 5th. 8 SUBCARRIERS ON 200 HZ INTERVALS	RF72LQ	NZART	ZL2BAD
14222.0	5	2014	8	6	0815		G7D					QG52xi	WIA	VK4TJ
14222		2014	08	31	<1135- 1145>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM SELCALL TONES	MK82	ARSI	FT757GX, I V
14226.0	1	2014	8	22	0905		F1B					QG52xi	WIA	VK4TJ
14227.0		2014	8	11	1015		A1A			E	E BEACON?	QG52xi	WIA	VK4TJ
14232	10	2014	08	25	<2100>	2100	P0N		?	Unid	OTHR HFSWR 18 secs 2 7 PPS	RF72LQ	NZART	ZL2BAD
14233	10	2014	08	16	<2245>	2245	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14236.8	3	2014	8	16	0815		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14237.0	5	2014	8	6	0815		G7D				DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14240.0	20	2014	8	26	1005		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14246	10	2014	08	17	<2315>	2315	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14250.0	20	2014	8	11	0350		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14251	10	2014	08	18	<0355>	0355	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14253	10	2014	08	17	<0257>	0257	P0N		?	Unid	OTHR HFSWR 18 secs @ 7 pps	RF72LQ	NZART	ZL2BAD
14253	10	2014	08	18	<0355>	0355-0435	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14255	10	2014	08	09	<2300>	2300-2325	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14255	10	2014	08	20	<2335>	2335	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL2BAD
14260	10	2014	08	09	<2300>	2300-2320	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14265	10	2014	08	31	<2305>	2305	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14270.0	5	2014	8	2	0900		G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14272	10	2014	08	17	<2335>	2335	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14272	10	2014	08	24	<2235>	2235-2300	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14272	10	2014	08	25	<2130>	2130-2145	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14275	10	2014	08	23	<2225>	2225	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD

14275	10	2014	08	31	<2200>	2200	P0N	?	Unid	OTHR 5-2 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14276	10	2014	08	27	<0430>	0430-0500	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
14278	10	2014	08	28	<2240>	2240-2310	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14280.0	20	2014	8	11	1015		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14280.0	80	2014	8	2	0900		VXX			CODAR	QG52xi	WIA	VK4TJ
14282	15	2014	08	07	<2105>	2105	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL2BAD
14282	10	2014	08	17	<2135>	2135-2215	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14282	20	2014	08	26	<2050>	2050-2140	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
14287.0	3	2014	8	4	0905		G1D			WITH BEEP TONES, VARIOUS FREQUENCIES	QG52xi	WIA	VK4TJ
14288	10	2014	08	24	<2240>	2240-2300	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14288.5	3	2014	8	7	0900		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14293.0	5	2014	8	13	0940		G7D			10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14295.0	8	2014	8	31	1820		A3E	TJK		RADIO TADJIKISTAN	QG52xi	WIA	VK4TJ
14295.0	3	2014	8	11	1020		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14295	5k	2014	08	13	<2025>	2025-2040	XXX	?	Unid	Idling	RF72LQ	NZART	ZL2BAD
14298	10	2014	08	06	<2009>	2009	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL2BAD
14300.0	5	2014	8	2	0905		G7DF			MANPACK RADIO	QG52xi	WIA	VK4TJ
14300.0		2014	8	7	0900		A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14300.0	3	2014	8	9	0900		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14300	100	2014	08	08	<2155>	2155	P0N	?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
14301.1	3	2014	8	2	0905		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14303	10	2014	08	09	<2300>	2300-2320	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14303	10	2014	08	23	<2225>	2225	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14304	10	2014	08	24	<2240>	2240-2300	P0N	?	Unid	OTHR 3.7 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14305	60	2014	08	02	<2125>	2125	P0N	?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL2BAD
14305	10	2014	08	03	<0643>	0643-0653	P0N	?	Unid	OTHR S3 83 PPS 2.9 Second bursts	RF73MF	NZART	ZL1GWE
14305	10	2014	08	31	<2305>	2305	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14306.0	1	2014	8	13	0940		F1B			SELCALL	QG52xi	WIA	VK4TJ
14306	10	2014	08	18	<0415>	0415	P0N	?	Unid	OTHR 3.6 every 40 secs 90 pps	RF72LQ	NZART	ZL2BAD
14307	10	2014	08	31	<2300>	2300	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14308	10	2014	08	18	<0410>	0410	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD

14309.0	5	2014	8	1	0810		G7D			DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14310	10	2014	08	17	<2215>	2215-2320	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14310	10	2014	08	18	<0409>	0409	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14311	8k	2014	08	30	<2335>	2335	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14314	10	2014	08	18	<0415>	0415	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14315.0	2	2014	8	31	0550		F1B			SELCALL	QG52xi	WIA	VK4TJ
14315	10	2014	08	10	<2145>	2145	P0N	?	Unid	OTHR 1.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14316	10	2014	08	30	<2335>	2335	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14318	10	2014	08	24	<2150>	2150	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14320.0	50	2014	8	19	0830		P0N			OTHR, LONG BURSTS	QG52xi	WIA	VK4TJ
14324.0	5	2014	8	30	0650		G7D			DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
14325	10	2014	08	29	<2350>	2350	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14325	10	2014	08	30	<0010>	0010	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14327.6	3	2014	8	4	0905		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14328	10	2014	08	26	<2140>	2140-2250	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14329.3	3	2014	8	26	1005		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14330	10	2014	08	27	<2245>	2245	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
14331	10	2014	08	15	<2105>	2105	P0N	?	Unid	OTHR 6.2 every 25 secs 50 pps (change to once per min @ 2110)	RF72LQ	NZART	ZL2BAD
14333		2014	08	03	<0709>	0709	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
14333.3	3	2014	8	11	1020		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14336	0.5	2014	08	18	12:53					random number(...119 44 18 1513...)	PM84UQ	JARL	
14337.8	3	2014	8	6	0825		J3E/U			ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14340.0	40	2014	8	7	0900		P0N			OTHR	QG52xi	WIA	VK4TJ
14341	10	2014	08	05	<0305>	0305	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14344.0	5	2014	8	1	2150		G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS + BEEP TONE	QG52xi	WIA	VK4TJ
14345	10	2014	08	10	<2125>	2125	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
14345		2014	08	DY	<1930>	1930-2115	XXX	?	Unid	Burst ,lasting 1 sec, every 2 secs, similar to	RF72LQ	NZART	ZL2BAD

Packet - but not

14347	10	2014	08	13	<2125>	2125	P0N		?	Unid	OTHR 5.3 every 40 secs 50 pps (Part in Band - freq. is centre)	RF72LQ	NZART	ZL2BAD
18000.0	200	2014	8	6	0835		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
18068		2014	08	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8PSK	RF72LQ	NZART	ZL2BAD
18070.0	40	2014	8	19	0825		P0N				OTHR, 50 PPS	QG52xi	WIA	VK4TJ
18070	20	2014	08	24	<0405>	0405-0408	P0N		?	Unid	OTHR Continuous 50 pps covering 18060 to 18080. (In band by 10k)	RF72LQ	NZART	ZL2BAD
18076	20	2014	08	23	<0425>	0425	P0N		?	Unid	OTHR Continuous 50 pps 20 wide covering 18054 to 18076 (in band by 8k)	RF72LQ	NZART	ZL2BAD
18078.8	3	2014	8	10	0720		J3E/L		PHL		TAGALOG	QG52xi	WIA	VK4TJ
18079	20	2014	08	24	<0512>	0512-0518	P0N	330	CYP	Unid	OTHR Cyprus Continuous 50 pps on replacement Hexbeam S6	RF73MF	NZART	ZL1GWE
18080.0	20	2014	8	15	0800		P0N				OTHR	QG52xi	WIA	VK4TJ
18080.0	3	2014	8	19	0845		J3E/U		PHL		TAGALOG	QG52xi	WIA	VK4TJ
18085.0	40	2014	8	17	0620		P0N				OTHR, 50 PPS	QG52xi	WIA	VK4TJ
18090.0	40	2014	8	30	0550		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18090.0	5	2014	8	11	0440		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18090	20	2014	08	17	<0610>	0610-0620	P0N		CYP	Unid	OTHR continous 50 pps 20 kHz BW S3	RF73MF	NZART	ZL1GWE
18105		2014	08	24	<0527>	0527	G7DF		?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE
18142.0	4	2014	8	26	1000		G1D				DAILY, BROAD PSK	QG52xi	WIA	VK4TJ
18150.0	5	2014	8	3	0900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18170	20	2014	08	17	<0620>	0620- 0624>	P0N		CYP	Unid	OTHR continous 50 pps 20 kHz BW S3	RF73MF	NZART	ZL1GWE
20900.0	200	2014	8	10	0940		P0N				OTHR	QG52xi	WIA	VK4TJ
20994.5	20	2014	08	24	<0700>	0700	P0N	330	CYP	Unid	OTHR Continuous 50 pps 20 kHz BW S5	RF73MF	NZART	ZL1GWE
21000.0	40	2014	8	24	0700		P0N				OTHR	QG52xi	WIA	VK4TJ
21000.0	3	2014	8	2	0810		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
21000		2014	08	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8PSK	RF72LQ	NZART	ZL2BAD
21003.3	3	2014	8	25	0845		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21010.0	5	2014	8	6	0920		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21015.0	5	2014	8	6	0855		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21018.0	3	2014	8	17	0945		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
21020.0	5	2014	8	14	0905		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21021.8	3	2014	8	5	0855		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
21027.3	3	2014	8	14	0805		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
21029		2014	08	17	<0255>	0255	G7DF		?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21030.0	5	2014	8	5	0910		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ

21040.0	40	2014	8	16	0510		P0N			OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21045.0	5	2014	8	4	0345		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	40	2014	8	5	0740		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21050	20	2014	08	03	<0415>	0415-0432	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21062.4	3	2014	8	22	0810		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
21065.0	5	2014	8	4	0030		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21068	10	2014	08	04	<0200>	0200	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21089	10	2014	08	08	<0328\	0328	P0N	?	Unid	OTHR Fin. @ 0328 OTHR 5.3 50 pps	RF72LQ	NZART	ZL2BAD
21090.0	5	2014	8	20	0810		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21100.0	80	2014	8	8	1205		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21102.1	3	2014	8	3	0845		J3E/U			DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
21110.0	80	2014	8	21	1010		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21118	10	2014	08	29	<0305>	0305	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
21120.0	5	2014	8	16	2245		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21122.0	3	2014	8	10	0935		J3E/L			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
21128.8	3	2014	8	20	0850		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21135.0	5	2014	8	20	0950		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21136		2014	08	17	<0042>	0042	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21140.0	80	2014	8	21	1010		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21141.0	3	2014	8	21	0800		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21150.0	5	2014	8	4	0340		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21150	10	2014	08	29	<0455>	0455	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL2BAD
21166.7	3	2014	8	21	0800		J3E/U			DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21172		2014	08	17	<0039>	0039	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21173		2014	08	17	<0019>	0019	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21175	10	2014	08	20	<2340>	2340	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21184		2014	08	17	<0018>	0018	G7DF	?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE
21190		2014	08	17	<0254>	0254	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21200.0	3	2014	8	30	0735		G1D			BURSTS	QG52xi	WIA	VK4TJ
21204		2014	08	24	<0601>	0601	G7DF	?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE
21204.8		2014	08	31	<0635- 0645>		A1A	UNID	UNID	UNID NON AMATEUR WITH ALPHA NUMERIC TRAFFIC	MK82	ARSI	FT757GX, I V
21205	10	2014	08	13	<0410>	0410	P0N	?	Unid	OTHR 2 x OTHR 1.8 @ variable times (7.5 secs between) 60 pps	RF72LQ	NZART	ZL2BAD
21206	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD

21206	10	2014	08	03	<0324>	0324	P0N	?	Unid	OTHR OTHR 3 secs on every 20 secs 80 pps	RF72LQ	NZART	ZL2BAD
21207	10	2014	08	16	<2250>	2250	P0N	?	Unid	OTHR 1.5 every 30 secs 40 pps	RF72LQ	NZART	ZL2BAD
21210.0	20	2014	8	8	0810		VXX			CODAR-LIKE SWEEPS. PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21210	10	2014	08	06	<2207>	2207	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21210	10	2014	08	12	<0455>	0455	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21212	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21215	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21218	10	2014	08	03	<0345>	0345	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21220.0	20	2014	8	11	0815		VXX			CODAR-LIKE SWEEPS. PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21220	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21221	40	2014	08	23	<0410>	0410	P0N	?	Unid	OTHR 40 k wide PPS not measured	RF72LQ	NZART	ZL2BAD
21222	10	2014	08	13	<0325>	0325	P0N	?	Unid	OTHR 1.6 every 25 secs 40 pps	RF72LQ	NZART	ZL2BAD
21224	10	2014	08	DY	<2318>	2318	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21224	10	2014	08	15	<0328>	0328	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21225	10	2014	08	03	<0324>	0324	P0N	?	Unid	OTHR 3 secs on every 20 secs 80 pps	RF72LQ	NZART	ZL2BAD
21225	10	2014	08	27	<0505>	0505	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21230.0	20	2014	8	16	0530		VXX			CODAR-LIKE SWEEPS. PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21230	10	2014	08	27	<0505>	0505	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21232	10	2014	08	29	<0312>	0312	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21233	10	2014	08	03	<2239>	2239	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21233	10	2014	08	03	<0255>	0255	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21233	10	2014	08	19	<2240>	2240	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21236		2014	08	17	<0254>	0254	G7DF	?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE
21238	10	2014	08	03	<2245>	2245	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21238	10	2014	08	05	<2258>	2258	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21238	10	2014	08	23	<0410>	0410	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21240	10	2014	08	04	<0313>	0313	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD

21240	10	2014	08	13	<0350>	0350	P0N	?	Unid	OTHR 1.6 every 30 secs 30 pps	RF72LQ	NZART	ZL2BAD
21242	10	2014	08	03	<0100>	0100	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21245	10	2014	08	02	<0520>	0520	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21250.0	3	2014	8	8	0810		J3E/U			MUSIC	QG52xi	WIA	VK4TJ
21250	10	2014	08	03	<0330>	0330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21250	10	2014	08	10	<0018>	0018	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21250	10	2014	08	15	<0020>	0020	P0N	?	Unid	OTHR 6 every 40 secs 40 pps	RF72LQ	NZART	ZL2BAD
21250		2014	08	17	<0448>	0448	G7DF	?	Unid	HF Man Pack 8 PSK S2	RF73MF	NZART	ZL1GWE
21260.0	20	2014	8	16	0530		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21260	10	2014	08	13	<0405>	0405	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
21262	10	2014	08	04	<0202>	0202	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21263	10	2014	08	21	<0215>	0215-0225	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21265	10	2014	08	02	<0437>	0437	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21265	10	2014	08	09	<0520>	0520	P0N	?	Unid	OTHR 2 x OTHR 1.6 (up to 2 secs between) 40/80 pps double pulses	RF72LQ	NZART	ZL2BAD
21267	10	2014	08	04	<0151>	0151	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21268	10	2014	08	15	<0335>	0335	P0N	?	Unid	OTHR 1.8 @ variable times 40 pps	RF72LQ	NZART	ZL2BAD
21269	10	2014	08	04	<0153>	0153	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL2BAD
21271	10	2014	08	02	<2345>	2345	P0N	?	Unid	OTHR 1.5 every 35 secs 50 pps	RF72LQ	NZART	ZL2BAD
21275	10	2014	08	04	<0148>	0148	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21275	10	2014	08	08	<0310>	0310	P0N	?	Unid	OTHR 2 x OTHR 1.6 (1 sec between) @ 40 pps 2nd 1 complex	RF72LQ	NZART	ZL2BAD
21275	10	2014	08	10	<2150>	2150	P0N	?	Unid	OTHR 2.5 every 35 secs 50 pps	RF72LQ	NZART	ZL2BAD
21277	10	2014	08	14	<0445>	0445	P0N	?	Unid	OTHR 1.8 every 40 secs 40/80 pps Double pulses	RF72LQ	NZART	ZL2BAD
21278	10	2014	08	04	<0130>	0130	P0N	?	Unid	OTHR 1.5 every variable times 50 pps	RF72LQ	NZART	ZL2BAD
21280	10	2014	08	14	<2230>	2230	P0N	?	Unid	OTHR 1.4 every 30 secs 40 pps	RF72LQ	NZART	ZL2BAD
21282	10	2014	08	15	<0215>	0215	P0N	?	Unid	OTHR 1.5 @ variable times 50 pps	RF72LQ	NZART	ZL2BAD
21285.0	20	2014	8	29	0810		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21285	10	2014	08	03	<2255>	2255	P0N	?	Unid	OTHR 1.8 every 20 secs 40 pps	RF72LQ	NZART	ZL2BAD
21285	10	2014	08	05	<0310>	0310	P0N	?	Unid	OTHR 1.5 at variable times 50 pps	RF72LQ	NZART	ZL2BAD

21286	10	2014	08	18	<0135>	0135	P0N	?	Unid	OTHR OTHR 1.4 @ variable times 50 pps	RF72LQ	NZART	ZL2BAD
21287	10	2014	08	10	<0015>	0015	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21290.0	20	2014	8	11	0355		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21291	10	2014	08	01	<0410>	0410	P0N	?	Unid	OTHR 1.5 at variable times 50 pps	RF72LQ	NZART	ZL2BAD
21292	10	2014	08	08	<2350>	2350	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21293	10	2014	08	01	<0040>	0040-0100	P0N	?	Unid	OTHR 1.6 at variable timing 90 pps	RF72LQ	NZART	ZL2BAD
21293	10	2014	08	21	<0234>	0234	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21294	10	2014	08	04	<0310>	310	P0N	?	Unid	OTHR 1.8 every variable times 40/80 pps double pulses	RF72LQ	NZART	ZL2BAD
21294.5	9	2014	08	24	<0608>	0608	P0N	?	Unid	OTHR 47 and 43 pps 1.4 second bursts S3	RF73MF	NZART	ZL1GWE
21295.0	20	2014	8	24	0620		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21295	10	2014	08	07	<0450>	0450	P0N	?	Unid	OTHR 1.3 @ variable times 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	07	<2330>	2330	P0N	?	Unid	OTHR 2 x 1.7 secs (with 1 sec between) 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	09	<2310>	2310	P0N	?	Unid	OTHR 2 x 1.7secs - variable inbetween 80 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	12	<0400>	0400	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	13	<0340>	0340	P0N	?	Unid	OTHR 1.3 @ variable times 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	14	<0325>	0325-0450	P0N	?	Unid	OTHR 1.6 every 340 secs 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	15	<0025>	0025	P0N	?	Unid	OTHR 1.5 @ variable times 80 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	17	<0420>	0420	P0N	?	Unid	OTHR 2 x OTHR 1.8 & OTHR 1.6 @ variable times 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	17	<0446>	0446	P0N	?	Unid	OTHR 38 and 41 PPS 1.75 second bursts	RF73MF	NZART	ZL1GWE
21295	10	2014	08	21	<0240>	0240	P0N	?	Unid	OTHR 1.3 every 22 secs 50 pps	RF72LQ	NZART	ZL2BAD
21295	10	2014	08	30	<2350>	2350	P0N	?	Unid	OTHR 1.3 every 40 secs 50 pps double pulses	RF72LQ	NZART	ZL2BAD
21297		2014	08	17	<0023>	0023	G7DF	?	Unid	HF Man Pack 8 PSK S1	RF73MF	NZART	ZL1GWE
21300.0	20	2014	8	22	0815		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21300	10	2014	08	05	<2255>	2255	P0N	?	Unid	OTHR 5.3 every 45 secs 50 pps	RF72LQ	NZART	ZL2BAD
21308	10	2014	08	19	<2335>	2335	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21317	10	2014	08	19	<2335>	2335	P0N	?	Unid	OTHR 5.3 every 40 secs	RF72LQ	NZART	ZL2BAD

21322	310	2014	08	03	<0240>	0240-0315	P0N	?	Unid	50 pps OTHR 310k wide. 1 min on 1 min off. 70 pps	RF72LQ	NZART	ZL2BAD
21322	10	2014	08	13	<0325>	0325	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
21337	10	2014	08	10	<2230>	2230-2245	P0N	?	Unid	OTHR 6.2 every 35 secs 50 pps	RF72LQ	NZART	ZL2BAD
21350		2014	08	DY	<0355>	0355-0500	XXX	?	Unid	Splatter from BC stn on 21505	RF72LQ	NZART	ZL2BAD
21360	10	2014	08	29	<0305>	0305	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL2BAD
21370.0	20	2014	8	21	1020		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21370	20	2014	08	19	<0420>	0420	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL2BAD
21378	10	2014	08	27	<0505>	0505	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21390.0	20	2014	8	11	0805		P0N			SHORT BURSTS	QG52xi	WIA	VK4TJ
21400	10	2014	08	10	<2150>	2150-2245	P0N	?	Unid	OTHR 2.5 every 35 secs 50 pps	RF72LQ	NZART	ZL2BAD
21405	10	2014	08	03	<2315>	2315	P0N	?	Unid	OTHR 6.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
21406	10	2014	08	20	<2340>	2340	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL2BAD
21430	10	2014	08	20	<0700>	0700	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL2BAD
24887.5	8	2014	8	23	2210		F3E			ASIAN	QG52xi	WIA	VK4TJ
24900.0	6	2014	8	16	0510		A3E			ASIAN	QG52xi	WIA	VK4TJ
24900		2014	08	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack Accosed entire bands	RF72LQ	NZART	ZL2BAD
24905.0	6	2014	8	24	2320		A3E			ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2014	8	24	2320		A3E			ASIAN	QG52xi	WIA	VK4TJ
24925.0	6	2014	8	3	0330		A3E			ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2014	8	23	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2014	8	23	2325		A3E			ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2014	8	23	2325		A3E			ASIAN	QG52xi	WIA	VK4TJ
24975.0	6	2014	8	31	0640		A3E			ASIAN	QG52xi	WIA	VK4TJ
24985.0	6	2014	8	10	0920		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	100	2014	8	9	0240		P0N	IRN		OTHR	QG52xi	WIA	VK4TJ
28000.0	6	2014	8	3	0300		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2014	8	16	2235		A3E			SPANISH SPEAKERS, ROGER BEEPS	QG52xi	WIA	VK4TJ
28000		2014	08	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8PSK	RF72LQ	NZART	ZL2BAD
28000.1		2014	8	3	2300		A1A		4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2014	8	1	2340		A3E			ASIAN	QG52xi	WIA	VK4TJ
28005.0	6	2014	8	15	2355		A3E			SPANISH SPEAKERS, ROGER BEEPS	QG52xi	WIA	VK4TJ
28008.3		2014	8	24	0550		A1A		4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28012.5	8	2014	8	1	2340		F3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	8	1	2340		A3E			ASIAN	QG52xi	WIA	VK4TJ

28017.5	6	2014	8	16	0350	A3E	IRN	ASIAN	QG52xi	WIA	VK4TJ
28020.0	100	2014	8	10	0730	P0N		OTHR	QG52xi	WIA	VK4TJ
28025.0	8	2014	8	3	0300	F3E		ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2014	8	1	2340	A3E		ASIAN	QG52xi	WIA	VK4TJ
28037.5	6	2014	8	3	2315	A3E		ASIAN	QG52xi	WIA	VK4TJ
28040.0	6	2014	8	3	2315	A3E		ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2014	8	3	0240	A3E		ASIAN	QG52xi	WIA	VK4TJ
28050.0	8	2014	8	1	2345	F3E		ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28060.0	5	2014	8	3	2335	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28062.5	6	2014	8	10	0735	A3E		ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	8	3	0230	A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28075.0	8	2014	8	1	2345	F3E		ASIAN	QG52xi	WIA	VK4TJ
28075.0	6	2014	8	15	2355	A3E		SPANISH SPEAKERS, ROGER BEEPS	QG52xi	WIA	VK4TJ
28080.0	100	2014	8	31	0550	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28085.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28090.0	6	2014	8	23	0005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28095.0	6	2014	8	15	2350	A3E	IRN	ASIAN	QG52xi	WIA	VK4TJ
28100.0	100	2014	8	24	0540	P0N		OTHR	QG52xi	WIA	VK4TJ
28100.0	6	2014	8	3	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2014	8	16	0010	A3E		SPANISH SPEAKERS, ROGER BEEPS	QG52xi	WIA	VK4TJ
28105.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28112.5	6	2014	8	3	2355	A3E		ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	8	1	0835	F3E		ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2014	8	10	0745	A3E		ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28150.0	8	2014	8	3	0140	F3E		ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	8	10	0750	A3E		ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	8	1	2345	F3E		ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	8	1	2345	F3E		ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2014	8	3	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	8	1	2345	A3E		ASIAN	QG52xi	WIA	VK4TJ
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28685.0	6	2014	8	1	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ
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28755.0	6	2014	8	1	2355		A3E			ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2014	8	23	0020		A3E			ASIAN	QG52xi	WIA	VK4TJ

28765.0	6	2014	8	1	2355	A3E	ASIAN	QG52xi	WIA	VK4TJ
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