



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



May 2014

Peter Young VK3MV

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

This month there were 133 observations of intruders made across the Region as compared to last month number of 1249. Over the last six months there has been enhanced propagation in the higher HF bands that has seen increased numbers of intruders being detected and reported.

OHR systems logged on 10, 15 and 20 meters continuing again this month. There is a large number of OHR's on 20 meters. 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
3550	3	2014	05	24	10:37		J3E						japanese song with no call sign	PM84UQ	JARL	
3552	3	2014	05	22	14:15		J3E						japanese song with no call sign	PM84UQ	JARL	
3585.0	3	2014	5	26	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3602	2.5	2014	05	11	12:24		J3E						japanese song with no call sign	PM84UQ	JARL	
3608	0.5	2014	05	02	11:21		J3E						music with no call sign	PM84UQ	JARL	
3623.0	3	2014	5	1	1945		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3650.0	3	2014	5	26	1935		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3651.0	3	2014	5	10	1920		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3664.0		2014	5	12	1940		A1A				FRA		FAV22, QTC LIST	QG52xi	WIA	VK4TJ
3697.0	1	2014	5	26	1930		F1B	HIGH	800				CONTINUOUS	QG52xi	WIA	VK4TJ
3774.0	5	2014	5	26	1930		G7D						8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
3788.8	3	2014	5	24	0840		J3E/U					DRV8	ASIAN	QG52xi	WIA	VK4TJ
3797.0		2014	5	1	1945		A1A						CALLING H2FL	QG52xi	WIA	VK4TJ
3798	0.5	2014	05	01	12:19		A1A						repeat of " h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	05	02	11:26		A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	05	03	10:56		A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	05	07	11:30		A1A						train of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	05	11	13:00		A1A						reoeaat of "h2flh2flh2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	05	13	11:13		A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	05	14	10:48		A1A						train of " h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	05	17	12:25		A1A						repeat of " h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	05	22	14:17		A1A						repeat of " h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	
3798	0.5	2014	05	24	10:38		A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3978	0.5	2014	05	09	10:44		A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
6980.0	200	2014	5	10	1930		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	5	5	0950		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000.0	20	2014	5	30	0820		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000		2014	05	DY	HX	HX	J3E/L					Unid	Non-Hams, mainly Spanish & Indonesian Languages - when	RF72LQ	NZART	ZL1BAD
											?					

										OTHR is not on.			
7000		2014	05	DY	HX	HX	G7DE/F		Unid	HF Man Pack 1 PSK & 8 PSK	RF72LQ	NZART	ZL1BAD
7000		2014	05	25	<0733>	0733-	J3E/U		?	Non Amateurs Indonesian chatting			
7005.0	3	2014	5	16	0900		J3E/L	IND		S5 DAILY, VILLAGE	RF73MF	NZART	ZL1GWE
7005.0	3	2014	5	5	0950		J3E/U	INS		RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	5	16	0905		J3E/L	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7010.0	3	2014	5	7	1010		J3E/U	INS		RADIO	QG52xi	WIA	VK4TJ
7010	120	2014	05	04	<1840>	1840	P0N		Unid	OTHR Out of band spreading to 7010 50			
7010	120	2014	05	08	<1920>	1920	P0N		?	pps OTHR Out of band spreading to 7010 50	RF72LQ	NZART	ZL1BAD
7010	150	2014	05	09	<1910>	1910	P0N		?	pps OTHR Out of band spreading to 7010 50	RF72LQ	NZART	ZL1BAD
7010	120	2014	05	12	<1940>	1940	P0N		?	pps OTHR Out of band spreading to 7010 50	RF72LQ	NZART	ZL1BAD
7010	120	2014	05	14	<1935>	1935	P0N		?	pps OTHR Out of band spreading to 7010 50	RF72LQ	NZART	ZL1BAD
7015.0	3	2014	5	5	0955		J3E/L		?	pps DAILY, VILLAGE	RF72LQ	NZART	ZL1BAD
7015.0	3	2014	5	5	0755		J3E/U	INS		RADIO	QG52xi	WIA	VK4TJ
7016.0	1	2014	5	3	2055		F1B	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7020.0	3	2014	5	5	0955		J3E/L			RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	5	5	0955		J3E/U	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7023	34	2014	05	15	1934		P0N	INS	non	RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	5	5	1005		J3E/L	non	non	7006KHz - 7040KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7025.0	3	2014	5	8	0915		J3E/U			DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7027.5		2014	5	7	1950		A1A	INS		RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2014	5	8	1155		J3E/L	RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7030.0	3	2014	5	5	0950		J3E/L	INS		ARABIC-SOUNDING	QG52xi	WIA	VK4TJ
7030.0	3	2014	5	5	0950		J3E/U	INS		MUSIC	QG52xi	WIA	VK4TJ
7030.0	3	2014	5	5	0950		J3E/U	INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ
7030.0	40	2014	5	9	1025		P0N	INS		RADIO	QG52xi	WIA	VK4TJ
										OTHR,	QG52xi	WIA	VK4TJ

7030.0	40	2014	5	8	1015		VXX				CONTINUOUS			
7030	40k	2014	05	10	<0955>	0955	P0N			Unid	CODAR	QG52xi	WIA	VK4TJ
											OTHR OTHR			
7030	40k	2014	05	12	<1930>	1930	P0N		?	Unid	Continuous 50 pps	RF72LQ	NZART	ZL1BAD
											OTHR OTHR			
7033.0	5	2014	5	26	1950		G1D		?		Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7036	3	2014	05	16	1812		F1B	non	non	non	BROAD PSK	QG52xi	WIA	VK4TJ
7036	3	2014	05	19	1820		F1B				IDL only	PM97	JARL	
											now on air 18:36			
7038.7		2014	5	3	2055		A1A	non	non		UTC QRT	PM97	JARL	
											DAILY, HARBOUR			
7038.8		2014	5	1	1955		A1A			RUS	BEACON	QG52xi	WIA	VK4TJ
											DAILY, HARBOUR			
7038.9		2014	5	1	1955		A1A			RUS	BEACON	QG52xi	WIA	VK4TJ
											DAILY, HARBOUR			
											BEACON			
7039	0.5	2014	05	01	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1012		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1206		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1208		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1624		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1626		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1744		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1746		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1820		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	1822		A1A	321	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	01	2206		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1004		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1006		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1210		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1212		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1630		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1632		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1840		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	1842		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	02	2208		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1010		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1012		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1220		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1222		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1710		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1712		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1838		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	1840		A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	03	2206		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	04	1020		A1A	321	RUS	F--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	04	1022		A1A	15	RUS	M--signal	Beacon	PM97	JARL	

7039	0.5	2014	05	04	1610	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	04	1612	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	04	1730	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	04	1732	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	04	1840	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	04	1842	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	04	2210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1004	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1220	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1222	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1710	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1830	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	1832	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	05	2210	A1A	321	RUS	F--signal	Beacon	PM97	JARL
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7039	0.5	2014	05	06	1206	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	06	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	06	1712	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	06	1842	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	05	06	2212	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	07	1002	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	07	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	07	1720	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	07	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	0840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1606	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1724	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1842	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1930	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	08	1934	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1910	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	09	1914	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	10	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	05	10	1218	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	05	10	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	10	1930	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	11	1020	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	11	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	11	1714	A1A	15	RUS	M--signal	Beacon	PM97	JARL
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7039	0.5	2014	05	11	1940	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	12	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	12	1204	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	12	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	12	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	12	1930	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	13	1030	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	13	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	13	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	13	1730	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	13	1826	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	14	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	14	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	14	1704	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	14	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	14	1930	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	15	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	15	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	15	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	15	1814	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	15	1930	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1220	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1714	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1820	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2014	05	16	1940	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	17	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	17	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	17	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	17	1714	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	17	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	18	1006	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	18	1218	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	18	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	18	1720	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	05	18	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	19	1030	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	19	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	19	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	19	1720	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	19	1816	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	19	1910	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	20	1020	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	20	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	20	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	20	1730	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	20	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1218	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1612	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1714	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1716	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1832	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	21	1940	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1006	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1612	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1720	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1722	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	22	1842	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1012	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1206	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1208	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1612	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1710	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	23	1832	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1006	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2014	05	24	1214	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1620	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1622	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1708	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1710	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1830	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	24	1830	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1012	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1218	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1220	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1620	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1720	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	25	1840	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1014	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1016	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1212	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1610	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1614	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1710	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1712	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1820	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	26	1824	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1012	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1014	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1218	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1612	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1720	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1722	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1840	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1844	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	27	1950	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1006	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1210	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1212	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1604	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1606	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1712	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1820	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2014	05	28	1822	A1A	37	RUS	K--signal	Beacon	PM97	JARL

7039	0.5	2014	05	28	1950	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1012	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1224	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1226	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1640	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1644	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1810	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1812	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	29	1930	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1010	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1012	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1216	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1218	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1610	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1612	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1720	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1722	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1834	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	30	1836	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1004	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1006	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1208	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1210	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1602	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1604	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1710	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1712	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1714	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1826	A1A	15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	05	31	1828	A1A	37	RUS	K--signal	Beacon	PM97	JARL	
7039		2014	05	DY	<1925>	1925	A1A	RUS	D	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	05	DY	<1850>	1850	A1A	RUS	M	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	05	DY	<1910>	1910	A1A	RUS	F	Beacon	RF72LQ	NZART	ZL1BAD
7039.2		2014	5	1	1955	A1A		RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	5	1	1955	A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	5	21	0850	A1A		RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7040	0.5	2014	05	01	12:20	A1A				train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	05	02	11:27	A1A				train of " F " , " M "	PM84UQ	JARL	
7040	0.5	2014	05	03	10:58	A1A				train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	05	07	11:33	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	05	09	11:36	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	05	11	10:52	A1A				train of " M " , " F "	PM84UQ	JARL	

7040	0.5	2014	05	12	10:57	A1A				repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
7040	0.5	2014	05	13	11:42	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	05	14	10:52	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	05	17	12:27	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	05	22	14:19	A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2014	05	23	10:35	A1A				train of " M ", " K "	PM84UQ	JARL	
7040	0.5	2014	05	24	10:41	A1A				train of " M ", " K "	PM84UQ	JARL	
7050.0	3	2014	5	12	1935	J3E/L				MUSIC FROM SPORTS EVENT?	QG52xi	WIA	VK4TJ
7050	3	2014	05	22	1730	JM		non	non	white noise - Jammer	PM97	JARL	
7052	3	2014	05	20	1840	JM		non	non	white noise - Jammer	PM97	JARL	
7060		2014	05	21	<1835>	F7D	1835		?	RTTY idling	RF72LQ	NZART	ZL1BAD
7063.0	3	2014	5	16	0905	J3E/U				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
7070.0	40	2014	5	9	1800	VXX				CODAR	QG52xi	WIA	VK4TJ
7075	30	2014	05	08	<1850>	P0N	1850			CODAR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2014	05	11	<1920>	P0N	1920		?	CODAR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2014	05	16	<1910>	P0N	1910		?	CODAR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2014	05	17	<1935>	P0N	1935		?	CODAR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7077	34	2014	05	06	1720	P0N				7060KHz~7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7077	34	2014	05	18	1834	P0N		non	non	7060KHz ~ 7094KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7079	34	2014	05	15	1938	P0N		non	non	7062KHz - 7096KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7079	34	2014	05	26	1830	P0N		non	non	7062KHz - 7096KHz wide pulse mode P0N OTHR ?	PM97	JARL	
7082.0	5	2014	5	1	1955	G1D		non	non	BROAD PSK	QG52xi	WIA	VK4TJ
7088.8		2014	5	12	2010	A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7096.0		2014	5	17	1015	A1A				NUMBER CIPHER	QG52xi	WIA	VK4TJ
7097.0	5	2014	5	26	1945	G7D				100'S OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
7100.0	3	2014	5	25	2025	J1C				WEFAX ATLANTIC + AFRICA COAST	QG52xi	WIA	VK4TJ
7100.0	3	2014	5	12	0955	J3E/L				DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7100.0	50	2014	5	23	1140	P0N			INS	OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7105.0	6	2014	5	4	2025	A3E			TWN	SOUND OF HOPE	QG52xi	WIA	VK4TJ

7105	20	2014	05	16	<0740>	0740	PP			Unid	OTHR Continuous 40 pps	RF72LQ	NZART	ZL1BAD
7108.0	5	2014	5	30	2000		G7D		?		DOZENS OF CLOSE-SPACED SUBCARRIERS, BURSTS	QG52xi	WIA	VK4TJ
7112.0	5	2014	5	1	1950		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7117.0	5	2014	5	10	1930		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7119.0	1	2014	5	20	1020		G1D				BURSTS	QG52xi	WIA	VK4TJ
7119.0	5	2014	5	24	0835		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7120.0	6	2014	5	9	1800		A3E		SOM		RADIO HARGEISA	QG52xi	WIA	VK4TJ
7120		2014	05	06	<2040>	2040	A3E			Taiwan Radio	Mixed progs.	RF72LQ	NZART	ZL1BAD
7120		2014	05	08	<1850>	1850	A3E			Taiwan Radio	Mixed progs	RF72LQ	NZART	ZL1BAD
7120		2014	05	21	<1835>	1835	A3E			Taiwan Radio	Mixed progs	RF72LQ	NZART	ZL1BAD
7120		2014	05	24	<1850>	1850	A3E			Taiwan Radio	Mixed progs	RF72LQ	NZART	ZL1BAD
7122.0	5	2014	5	25	0930		G7D			Taiwan Radio	Mixed progs MANY CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
7124.0		2014	5	17	1015		A1A				NUMBER CIPHER	QG52xi	WIA	VK4TJ
7127.0		2014	5	20	1020		A1A				NUMBER CIPHER	QG52xi	WIA	VK4TJ
7130.0	3	2014	5	24	0835		J3E/U				TAGALOG OR BAHASA	QG52xi	WIA	VK4TJ
7130	3.3	2014	05	24	<1855>	1855	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7132.0	5	2014	5	26	1940		G7D				100'S OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
7135.0	3	2014	5	27	1000		G7D				5 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7140.0	3	2014	5	22	1015		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
7144.0	1	2014	5	20	1015		F1B	150			LONG BURSTS	QG52xi	WIA	VK4TJ
7145	30	2014	05	27	<1945>	1945	P0N		?	Unid	CODAR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7149.0	5	2014	5	1	1950		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7150.0		2014	5	27	1000		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7150.0	5	2014	5	9	1800		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7150.0	100	2014	5	9	1800		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
7150.0	40	2014	5	15	2020		VXX				CODAR	QG52xi	WIA	VK4TJ
7150	30	2014	05	16	<0740>	0740	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7154.0		2014	5	27	1000		A1A				MIXED NUMBER/LETTER	QG52xi	WIA	VK4TJ

7155.0	3	2014	5	20	1015		J3E/U			CIPHER			
7156	3.3	2014	05	11	<1920>	1920	M7B	?	Unid	ASIAN	QG52xi	WIA	VK4TJ
7159.0	5	2014	5	10	1925		G1D			Multi-chnl	RF72LQ	NZART	ZL1BAD
7162	3.3	2014	05	08	<1850>	1850	M7B	?	Unid	BROAD PSK	QG52xi	WIA	VK4TJ
7162	3.3	2014	05	17	<1935>	1935	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7162	3.3	2014	05	24	<1855>	1855	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7165	30	2014	05	12	<1930>	1930	P0N		Unid	CODAR Continuous			
								?		3 pps	RF72LQ	NZART	ZL1BAD
7168.0	5	2014	5	1	1950		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
7176.0	5	2014	5	22	1015		G7D			12 SUBCARRIERS			
										ON 200 HZ			
										INTERVALS	QG52xi	WIA	VK4TJ
7177.3	3	2014	5	17	1015		J3E/U			TAGALOG			
										SPEAKERS	QG52xi	WIA	VK4TJ
7178.5	41	2014	05	10	<0834>	0834	P0N		?	OTHR S6 Chinese 20			
								CHN		pps continous	RF73MF	NZART	ZL1GWE
7180.0	40	2014	5	12	1945		VXX			CODAR	QG52xi	WIA	VK4TJ
7189.0		2014	5	27	0955		A1A			NUMBER CIPHER	QG52xi	WIA	VK4TJ
7190.0		2014	5	22	1010		A1A			MIXED			
										NUMBER/LETTER			
										CIPHER	QG52xi	WIA	VK4TJ
7190.0	3	2014	5	27	0955		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
7193.4	3	2014	5	15	2010		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
7196.2	4	2014	5	17	2010		G1D				QG52xi	WIA	VK4TJ
7200.0	8	2014	5	17	2010		A3E		BUR	SW BROADCAST	QG52xi	WIA	VK4TJ
7200.0	3	2014	5	24	0840		J3E/U			TAGALOG			
										SPEAKERS	QG52xi	WIA	VK4TJ
7206		2014	05	11	<0714>	0714	G7DF		?	HF Man Pack 8-PSK			
								Unid		S4	RF73MF	NZART	ZL1GWE
10100.0	5	2014	5	16	0900		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
10100.0	30	2014	5	16	0900		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
10105.0	5	2014	5	10	1935		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
10140.0	30	2014	5	8	1000		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
10160.0	100	2014	5	27	1155		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
14000.0	5	2014	5	21	0840		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14000.0	3	2014	5	7	0720		J3E/U			DAILY, ASIAN,			
										SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14000.0		2014	5	27	0855		N0N				QG52xi	WIA	VK4TJ
14000.0	20	2014	5	25	0920		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
14000		2014	05	DY	HX	HX	G7DE		Unid	HF Man Pack 1, 6, &			
								?		8 PSK	RF72LQ	NZART	ZL1BAD
14002		2014	5	4	<0225-0240>		J3E/U		UNID	SRI LANKAN			
										FISHING			
										TRAWLERS IN			
										SINHALA			
										LANGUAGE ONLY –			
								CLN		2 OM	MK82	ARSI	
14004		2014	5	23	<0220-0235>		J3E/U		UNID	SRI LANKAN			
								CLN		FISHING	MK82	ARSI	

14005.0	5	2014	5	15	1020	G7DF				TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM			
14007		2014	5	4	<0225- 0240>	J3E/U		UNID		HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14008.0	1	2014	5	15	0945	F1B	250	CLN			MK82	ARSI	
14010.0	5	2014	5	7	0945	G7D					QG52xi	WIA	VK4TJ
14010.0	5	2014	5	7	0830	G7DF				MANY CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14011		2014	5	30	<0225- 0235>	J3E/U		UNID		HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14012.0	5	2014	5	17	0800	G1D		CLN			MK82	ARSI	
14012.3	3	2014	5	7	0945	J3E/U				BROAD PSK	QG52xi	WIA	VK4TJ
14013		2014	5	30	<0225- 0235>	J3E/U		UNID		ASIAN SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14014		2014	5	10	<0250- 0300>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14019.9	3	2014	5	7	0950	J3E/U		CLN			MK82	ARSI	
14020.0	5	2014	5	7	0840	G7DF				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14020		2014	5	12	<0100- 0120>	J3E/U		UNID		HF MANPACK SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	QG52xi	WIA	VK4TJ
14028.0	3	2014	5	2	0955	J3E/U		CLN			MK82	ARSI	
14030.0	5	2014	5	21	0800	G7DF				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14035.0	5	2014	5	7	0920	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14035.6	3	2014	5	13	0740	J3E/U				HF MANPACK	QG52xi	WIA	VK4TJ
14036.6	3	2014	5	7	0715	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14040.0	20	2014	5	31	2035	P0N				DAILY, ASIAN OTHR, BURTS, VERY LOW PULSE RATE	QG52xi	WIA	VK4TJ

14040.2	3	2014	5	17	0805		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14042.8	3	2014	5	15	0820		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14045.0	5	2014	5	7	0715		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14046.0	3	2014	5	16	0910		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14047.7	3	2014	5	13	0805		J3E/L			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	5	15	0820		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	5	12	0955		J3E/U			DAILY, TAGALOG			
14048.0	40	2014	5	12	0400>		P0N		PHI	SPEAKERS	QG52xi	WIA	VK4TJ
										OHR 3-6 PPS	QF22ma	WIA	VK3MV
14049		2014	5	30	<0225-0235>		J3E/U		UNID	Continuous			
										SRI LANKAN			
										FISHING			
										TRAWLERS IN			
										SINHALA			
										LANGUAGE ONLY –			
14049.6	5	2014	05	11	DY	DY	P0N		CLN	2 OM	MK82	ARSI	
										OTHR S2-S7			
										continuous 6.5 pps			
14050.0	5	2014	5	14	2025		G7DF		Unid	regular pattern	RF73MF	NZART	ZL1GWE
14050.0	3	2014	5	1	2105		J3E/U			HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	20	2014	5	8	0620		P0N			DAILY, ASIAN	QG52xi	WIA	VK4TJ
										OTHR, SLOW			
14050		2014	05	08	<2135>	2135-2359	A1A		Unid	PULSE RATE	QG52xi	WIA	VK4TJ
										CW Continuous			
14050		2014	05	09	<0001>	0001-1930	A1A		?	'Dots' 7 pps	RF72LQ	NZART	ZL1BAD
										CW Continuous 'Dots'			
14050		2014	05	13	H24	H24	A1A		?	7 pps	RF72LQ	NZART	ZL1BAD
										CW Continuous			
14051.0	3	2014	5	21	0800		J3E/U		?	"Dots" 7 pps	RF72LQ	NZART	ZL1BAD
14051	10	2014	05	22	<2240>	2240	P0N		Unid	ASIAN	QG52xi	WIA	VK4TJ
										OTHR every 40 secs			
14051.3	3	2014	5	14	0720		J3E/U		?	70 pps	RF72LQ	NZART	ZL1BAD
14051.5	41	2014	05	10	DY	DY	P0N		?	DAILY, ASIAN	QG52xi	WIA	VK4TJ
										OTHR S2-S7			
14052.0	3	2014	5	28	0940		J3E/U		Unid	continuous 6.5 pps			
										regular pattern	RF73MF	NZART	ZL1GWE
										ASIAN, READING			
14055.0	5	2014	5	7	0935		G7DF			LIST	QG52xi	WIA	VK4TJ
14059.9	3	2014	5	17	0815		J3E/U			HF MANPACK	QG52xi	WIA	VK4TJ
14060.0	5	2014	5	7	0705		G7DF			ASIAN	QG52xi	WIA	VK4TJ
14060.4	3	2014	5	12	0830		J3E/U			HF MANPACK	QG52xi	WIA	VK4TJ
										SPANISH OR			
14061.0		2014	5	26	0930		A1A			PORTUGUESE	QG52xi	WIA	VK4TJ
										FOLLOWED BY			
14061.0	3	2014	5	26	0930		J3E/U			J3E/U, ASIAN	QG52xi	WIA	VK4TJ
										AFTER A1A, ABOVE.			
										SERIOUS WHINE			
14063.0	5	2014	5	23	2040		G7D			ON AUDIO	QG52xi	WIA	VK4TJ
										10 SUBCARRIERS			
14065.0	5	2014	5	14	0740		G7DF			ON 200 HZ			
										INTERVALS	QG52xi	WIA	VK4TJ
										HF MANPACK	QG52xi	WIA	VK4TJ

14065.9	3	2014	5	25	0920		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14074.5	3	2014	5	27	0900		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14078.9	3	2014	5	18	0905		J3E/U			ASIAN, SOUNDS			
14080.0	1	2014	5	6	0920		F1B	250		CHINESE	QG52xi	WIA	VK4TJ
14086.7	3	2014	5	27	0755		J3E/U			CONTINUOUS	QG52xi	WIA	VK4TJ
14093.4	3	2014	5	18	0905		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14098	10	2014	05	19	<0434>	0434	P0N		Unid	CHINESE	QG52xi	WIA	VK4TJ
										OTHR Continuous (only on for 30-40 secs)			
14099.0		2014	5	30	0720		A1A		?		RF72LQ	NZART	ZL1BAD
										MIXED			
14100.0	5	2014	5	21	0805		G7DF			NUMBER/LETTER			
14100.0	3	2014	5	14	0800		J3E/U			CIPHER	QG52xi	WIA	VK4TJ
										HF MANPACK	QG52xi	WIA	VK4TJ
14100	15	2014	05	19	<2345>	2345-2348	P0N		Unid	TAGALOG,			
										INTERFERES WITH			
14100	15	2014	05	20	<0251>	0251	P0N		?	NCDXF BEACONS	QG52xi	WIA	VK4TJ
										OTHR Continuous 10 pps (Finished at 2348)	RF72LQ	NZART	ZL1BAD
14101.0	5	2014	5	18	0905		G7D		?	OTHR Continuous 10 pps 1 min. on	RF72LQ	NZART	ZL1BAD
										DOZENS OF			
14107.1	3	2014	5	2	0850		J3E/L			SUBCARRIERS ON	QG52xi	WIA	VK4TJ
14108.0		2014	5	12	0535		A1A			CLOSE INTERVALS			
14110.0	1	2014	5	20	0915		F1B	250	RUS	ASIAN	QG52xi	WIA	VK4TJ
14110.0	3	2014	5	22	0835		J3E/U			QTC LIST	QG52xi	WIA	VK4TJ
										CONTINUOUS	QG52xi	WIA	VK4TJ
14111.0	3	2014	5	28	0940		J3E/U			ASIAN, SOUNDS			
14112.0	15	2014	5	19	0000>		P0N			CHINESE	QG52xi	WIA	VK4TJ
										ASIAN	QG52xi	WIA	VK4TJ
14114.0		2014	5	21	0805		A1A			OHR 50 PPS	QF22ma	WIA	VK3MV
										Continuous			
14114	10	2014	05	18	<2030>	2030-2359	P0N		Unid	MIXED			
										NUMBER/LETTER			
14114	10	2014	05	19	<0001>	0001-0100	P0N		?	CIPHER	QG52xi	WIA	VK4TJ
										OTHR Continuous 50/100 pps (double pulses) S8	RF72LQ	NZART	ZL1BAD
14116.0		2014	5	22	0805		A1A		?	OTHR Continuous 50/100 pps (double pulses) S8	RF72LQ	NZART	ZL1BAD
										MIXED			
14125.0	5	2014	5	28	0740		G1D			NUMBER/LETTER			
14127.5	1	2014	5	15	0820		F1B	200		CIPHER	QG52xi	WIA	VK4TJ
14128.0	5	2014	5	21	0810		G7D			BROAD PSK	QG52xi	WIA	VK4TJ
										BURSTS	QG52xi	WIA	VK4TJ
14130.0	20	2014	5	14	0740		P0N			10 SUBCARRIERS			
										ON 200 HZ			
										INTERVALS	QG52xi	WIA	VK4TJ
										OTHR,			
										CONTINUOUS	QG52xi	WIA	VK4TJ

14134	15	2014	05	24	<2035>	2035	P0N	500	?	Unid	OTHR HFSWR 35 secs 7 pps	RF72LQ	NZART	ZL1BAD
14135	10	2014	05	27	<0205>	0205	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14136	10	2014	05	19	<0425>	0425	P0N		?	Unid	OTHR HFSWR on 18 secs 12 pps	RF72LQ	NZART	ZL1BAD
14137.6	3	2014	5	18	0910		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14138	10	2014	05	19	<0317>	0317	P0N		?	Unid	OTHR HFSWR 35 secs 7 pps	RF72LQ	NZART	ZL1BAD
14139	10	2014	05	18	<2043>	2043	P0N		?	Unid	OTHR HFSWR 35 secs 7 pps	RF72LQ	NZART	ZL1BAD
14140.0	5	2014	5	29	0750		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14141.0	1	2014	5	20	0915		F1B				CONTINUOUS	QG52xi	WIA	VK4TJ
14142	10	2014	05	01	<2010>	2010-2019	P0N		?	Unid	OTHR Continuous Off at 2019	RF72LQ	NZART	ZL1BAD
14142	10	2014	05	29	<2106>	2106-2120	P0N		?	Unid	OTHR Continuous Off at 2120	RF72LQ	NZART	ZL1BAD
14145.0	5	2014	5	29	0740		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14145.0	20	2014	5	14	0740		P0N				OTHR, SHORT BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14146.0	5	2014	5	9	1015		G7D				DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
14147	10	2014	05	13	<0355>	0355	P0N		?	Unid	OTHR HFSWR 18 secs on, 7 pps	RF72LQ	NZART	ZL1BAD
14150.0	5	2014	5	29	0725		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14150	15	2014	05	30	<0405>	0405-0413	P0N		?	Unid	OTHR Continuous 60 pps (Off @ 0413)	RF72LQ	NZART	ZL1BAD
14152	15	2014	05	26	\0317>	0317-0332	P0N		?	Unid	OTHR Continuous 50 pps started at 0317, finished at 0332.	RF72LQ	NZART	ZL1BAD
14152	10	2014	05	19	<0318>	0318	P0N		?	Unid	OTHR HFSWR 30 secs 7 pps	RF72LQ	NZART	ZL1BAD
14152	15	2014	05	30	<0245>	0245-0248	P0N		?	Unid	OTHR Continuous 50 pps Fin. @ 0248	RF72LQ	NZART	ZL1BAD
14153.0	1	2014	5	14	0745		F1B				ALE	QG52xi	WIA	VK4TJ
14155	10	2014	05	01	<2205>	2205	P0N		?	Unid	OTHR every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
14155		2014	05	14	<2200>	2200-2300	XXX		?	Unid	Burst every 3 secs. Similar to Packet	RF72LQ	NZART	ZL1BAD
14155	10	2014	05	30	<0505>	505	P0N		?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14157.1	3	2014	5	7	0955		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14164	10	2014	05	19	<0334>	0334	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
14175	10	2014	05	25	<2240>	2240	P0N		?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14177	10	2014	05	28	<0325>	0325	P0N		?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14185	10	2014	05	15	<2000>	2000	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14186.5	3	2014	5	21	0810		J3E/L				SPANISH	QG52xi	WIA	VK4TJ

										SPEAKERS				
14188	10	2014	05	21	<0100>	0100	P0N			Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14194	10	2014	05	18	<2043>	2043	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
14194	10	2014	05	17	<0430>	0430	P0N			Unid	OTHR every 20 secs			
									?		70 pps	RF72LQ	NZART	ZL1BAD
14200	10	2014	05	DY	<2055>	2055	XXX		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14200	10	2014	05	15	<2006>	2006	P0N			Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
									?		OTHR 2 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14205	10	2014	05	23	<0130>	0130	P0N			Unid	ASIAN, SOUNDS CHINESE			
14207.1	3	2014	5	29	0810		J3E/L				HF MANPACK	QG52xi	WIA	VK4TJ
14220.0	5	2014	5	6	0920		G7DF				RTTY idling only	QG52xi	WIA	VK4TJ
14221		2014	05	09	<1925>	1925	F1B	200	?	Unid	RTTY idling only	RF72LQ	NZART	ZL1BAD
14221		2014	05	11	<1905>	1905	F1B	200	?	Unid	RTTY idling only	RF72LQ	NZART	ZL1BAD
14221		2014	05	13	<1940>	1940	F1B	200	?	Unid	RTTY idling only	RF72LQ	NZART	ZL1BAD
14221		2014	05	23	<2040>	2040	F1B	200	?	Unid	RTTY idling only	RF72LQ	NZART	ZL1BAD
14221		2014	05	24	<1920>	1920	F1B	200	?	Unid	RTTY idling only	RF72LQ	NZART	ZL1BAD
14221		2014	05	29	<1950>	1950	F1B	200	?	Unid	RTTY No Print	RF72LQ	NZART	ZL1BAD
14221		2014	05	30	<2010>	2010	F1B			Unid	RTTY idling (technique suggest Russian)	RF72LQ	NZART	ZL1BAD
14221		2014	05	31	<2015>	2015	F1B	200	?	Unid	RTTY idling	RF72LQ	NZART	ZL1BAD
14226.0	3	2014	5	6	0925		F1B				ALE	QG52xi	WIA	VK4TJ
14230	10	2014	05	07	<2333>	2333	P0N			Unid	OTHR HFSWR 35 secs 7 pps	RF72LQ	NZART	ZL1BAD
14230	10	2014	05	06	<1943>	1943	P0N			Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14232	10	2014	05	19	<0432>	0432	P0N			Unid	OTHR Continuous (only on for abt 2 mins)	RF72LQ	NZART	ZL1BAD
14232.1	3	2014	5	16	0915		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14235.0	5	2014	5	21	0810		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14238.0	5	2014	5	15	0950		G7D				DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
14240	15	2014	05	25	<2145>	2145	P0N			Unid	OTHR HFSWR 35 secs 7 pps	RF72LQ	NZART	ZL1BAD
14242	15	2014	05	24	<2300>	2300	P0N			Unid	OTHR HFSWR 35 secs 7 pps	RF72LQ	NZART	ZL1BAD
14242	10	2014	05	26	<0310>	0310-0317	P0N			Unid	OTHR Continuous 50 pps shifted to 14151 at 0317	RF72LQ	NZART	ZL1BAD
14245	10	2014	05	15	<1935>	1935	P0N			Unid	OTHR Continuous 11 0 pps	RF72LQ	NZART	ZL1BAD
14248	10	2014	05	04	<0350>	0350	P0N			Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14250	10	2014	05	04	<2230>	2230	P0N			Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14252	10	2014	05	21	<2245>	2245	P0N			Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD

14257.0	1	2014	5	20	;0920		F1B			ALE	QG52xi	WIA	VK4TJ
14257	10	2013	05	18	<2326>	2326	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14257	10	2014	05	25	<0015>	0015	P0N	?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14265	10	2014	05	09	<2325>	2325-2359	P0N	?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14265	10	2014	05	10	<0001>	0001	P0N	?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14267	10	2014	05	04	<2230>	2230	P0N	?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14272.0	5	2014	5	15	0830		G7D	?		DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
14272	10	2014	05	09	<2325>	2325-2359	P0N	?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14272	10	2014	05	10	<0001>	0001	P0N	?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14272	10	2014	05	21	<2230>	2230	P0N	?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14274	12	2014	05	DY	<2245>	2245	XXX	?	Unid	12k wide. Unknown type	RF72LQ	NZART	ZL1BAD
14276	10	2014	05	23	<0130>	0130-0159	P0N	?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14277.0	3	2014	5	29	0810		J3E/U	PHL		TAGALOG	QG52xi	WIA	VK4TJ
14279	10	2014	05	14	<0735>	0735	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14280.0	5	2014	5	7	0955		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14280	10	2014	05	29	<2106\	2106	P0N		Unid	OTHR Continuous shifted to 14142 at 2106	RF72LQ	NZART	ZL1BAD
14286	10	2014	05	01	<1940>	1940	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14286	10	2014	05	24	,2035>	2035	P0N	?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14290	10	2014	05	20	<2205>	2205	P0N	?	Unid	OTHR every 25 secs 70 pps (2 same freq.)	RF72LQ	NZART	ZL1BAD
14290	10	2014	05	20	<2205>	2205	P0N	?	Unid	OTHR 6.3 every 30 secs 50 pps (2 same freq.)	RF72LQ	NZART	ZL1BAD
14292.0	5	2014	5	9	1020		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
14292	3.3	2014	05	08	<2000>	2000	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14292	3.3	2014	05	13	<2030>	2030	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14294		2014	05	29	<2235>	2235	P0N	?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14294.9	3	2014	5	20	0920		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14296	10	2014	05	28	<0325>	0325	P0N	?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14300.0		2014	5	16	0705		A1A			MANY NON- ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
14300.2	3	2014	5	15	0825		J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14302	10	2014	05	06	<2238>	2238	P0N	?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD

14302	10	2014	05	20	<2205>	2205	P0N		Unid	70 pps OTHR every 40 secs			
14302	10	2014	05	21	<0055>	0055	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14304.0	3	2014	5	28	0745		G1D	?		70 pps FOLLOWED BY J3E/U, ASIAN	RF72LQ	NZART	ZL1BAD
14305.0	3	2014	5	15	0825		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14306	10	2014	05	17	<0945>	0945	P0N		Unid	OTHR every 50 secs	QG52xi	WIA	VK4TJ
14307.0	3	2014	5	19	0935		J3E/U	?		70 pps ASIAN, FOLLOWS G7D BELOW	RF72LQ	NZART	ZL1BAD
14308.0	5	2014	5	19	0935		G7D			DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
14308	10	2014	05	17	<0430>	0430	P0N		Unid	OTHR every 20 secs	RF72LQ	NZART	ZL1BAD
14308	10	2014	05	22	\2247>	2247	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14310		2014	05	17	<0945>	0945	A3A	?	Unid	70 pps Sports commentary - in English	RF72LQ	NZART	ZL1BAD
14310	10	2014	05	27	<2245>	2245	P0N	?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14312	10	2014	05	21	<0055>	0055	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14314	10	2014	05	25	<2235>	2235	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14315	10	2014	05	25	<2235>	2235	P0N	?	Unid	70 pps (2 stns separated by 1 k) OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14315	10	2014	05	29	<2235>	2235	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14316	10	2014	05	09	<2325>	2325	P0N	?	Unid	70 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
14316	10	2014	05	10	<2235>	2235	P0N	?	Unid	70 pps OTHR 2 stns- same freq. 7.3 (total) every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14316	10	2014	05	19	<2340>	2340	P0N	?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14316	10	2014	05	21	<2235>	2235	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14317.0	2	2014	5	24	2010		A2A	RUS	LALD	70 pps QTC LIST	RF72LQ	NZART	ZL1BAD
14317	10	2014	05	02	<2335>	2335	P0N	?	Unid	50 pps OTHR every 35 secs	QG52xi	WIA	VK4TJ
14317	10	2014	05	09	<2220>	2220	P0N	?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14318	10	2014	05	23	<0310>	0310	P0N	?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14319.0	3	2014	5	6	0925		J3E/U	?		70 pps ASIAN, FAMILY NET	RF72LQ	NZART	ZL1BAD
14320	10	2014	05	06	<2230>	2230	P0N		Unid	OTHR every 40 secs	QG52xi	WIA	VK4TJ
14320	10	2014	05	18	<2125>	2125-2325	P0N	?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14321.0	3	2014	5	21	0845		J3E/U	?		50 pps ASIAN	RF72LQ	NZART	ZL1BAD
										QG52xi	WIA	VK4TJ	

14324	10	2014	05	02	<2340>	2340	P0N	?	Unid	OTHR every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
14328	10	2014	05	16	<2120>	2120	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14328	10	2014	05	02	<2335>	2335	P0N		Unid	OTHR every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
14328	10	2014	05	25	<0015>	0015	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14330	10	2014	05	16	<2120>	2120	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14334.0	5	2014	5	16	0700		G7D			12x120Bd BPSK, 200Hz spacing	QG52xi	WIA	VK4TJ
14334	10	2014	05	23	<2210>	2210	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14335	10	2014	05	15	<2020>	2020	M7B		Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14336	10	2014	05	30	<2200>	2200	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14342	10	2014	05	28	<0325>	0325	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14345.0	3	2014	5	29	0815		G7D	?		DOZENS OF SUBCARRIERS ON CLOSE INTERVALS, ALE	QG52xi	WIA	VK4TJ
14345		2014	05	DY	<1930>	1930-2130	XXX		Unid	Burst every 5 secs - similar to packet - but not	RF72LQ	NZART	ZL1BAD
14346	10	2014	05	30	<2200>	2200- 2205\	P0N		Unid	OTHR every 40 secs. (Off at 2205)	RF72LQ	NZART	ZL1BAD
14350.0	5	2014	5	14	0750		G7D			MANY CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
18067	24	2014	05	16	<0500>	0500	P0N		Unid	OTHR S9 + 20 db	RF80JI	NZART	ZL2AAA
18068		2014	05	DY	HX	HX	G7DE/F		Unid	Continuous HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
18068		2014	05	16	<0458>	0458	P0N		Unid	OTHR Continous S9	RF72MS	NZART	ZL1ALZ
18070.0	5	2014	5	28	0750		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
18075.8	3	2014	5	19	0825		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
18080.1	3	2014	5	12	0950		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
18085.0	20	2014	5	26	0650		P0N	90		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18090.0	20	2014	5	8	0750		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18100.0	20	2014	5	12	0950		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18110.0	5	2014	5	24	0820		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
18125.0	3	2014	5	7	1000		J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21000.0	5	2014	5	12	0940		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21000		2014	05	DY	HX	HX	G7DE/F		Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
21000	160	2014	05	11	<0525>	0525-0530	P0N		Unid	OTHR 160k wide - 40k into band - rest	RF72LQ	NZART	ZL1BAD

outside. 50 pps

21015.0	5	2014	5	25	0140	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21020.0	5	2014	5	31	0310	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21025.0	5	2014	5	31	0310	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21028	10	2014	05	11	<0222>	P0N	0222		Unid	OTHR every 40 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21030.0	5	2014	5	9	0955	G1D				BROAD PSK	QG52xi	WIA	VK4TJ
21030.0	5	2014	5	17	0315	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21035.0	5	2014	5	25	0430	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21040.0	5	2014	5	25	0520	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21045.0	5	2014	5	26	0425	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21050.0	5	2014	5	10	2310	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21050	20	2014	05	16	<2100>	P0N	2100-2108		Unid	OTHR Continuous			
								?		60 pps	RF72LQ	NZART	ZL1BAD
21055.0	5	2014	5	26	0330	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21060.0	5	2014	5	26	0425	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21065.0	5	2014	5	11	0150	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21095.0	5	2014	5	17	0205	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21102.2	3	2014	5	12	0905	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21109	10	2014	05	03	<0345>	P0N	0345		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21115	10	2014	05	05	<0110>	P0N	0110		Unid	OTHR every 50 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21116	10	2014	05	16	<0405>	P0N	0405		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21117	10	2014	05	12	<0238>	P0N	0238		Unid	OTHR every 35 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21119	10	2014	05	05	<0025>	P0N	0025		Unid	OTHR every 25 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21125	10	2014	05	23	<2310>	P0N	2310		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21130.0	5	2014	5	17	0215	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21130.0	20	2014	5	24	0315	P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21132	10	2014	05	07	<0220>	P0N	0220-0355		Unid	OTHR 5.5 every 40			
								?		secs 50 pps	RF72LQ	NZART	ZL1BAD
21133	10	2014	05	30	<0210>	P0N	0210		Unid	OTHR every 30 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21143.1	3	2014	5	2	0900	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21174	10	2014	05	03	<0348>	P0N	0348		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21192	10	2014	05	10	<0410>	P0N	0410		Unid	OTHR every 20 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21192	10	2014	05	17	<2120>	P0N	2120		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21199.0	1	2014	5	18	0920	F1B				BURSTS	QG52xi	WIA	VK4TJ
21200	10	2014	05	11	<0210>	P0N	0210		Unid	OTHR every 30 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21200	20	2014	05	20	<0312>	P0N	0312		Unid	OTHR 1 min. on 10			
								?		pps (20k wide))	RF72LQ	NZART	ZL1BAD

800

21206	10	2014	05	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21208	10	2014	05	30	<0405>	0405	P0N		?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21208	10	2014	05	20	<0459>	0459	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21210.0	40	2014	5	25	0415		VXX				PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21212	10	2014	05	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215.0	40	2014	5	12	0910		VXX				PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21215	10	2014	05	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	05	07	<0400>	0400	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	05	11	<0235>	0235	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	05	20	<0447>	0447	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21217	10	2014	05	16	<0405>	0405	P0N		?	Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21218	10	2014	05	10	<0415>	0415	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21218	10	2014	05	11	<0222>	0222	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21219	10	2014	05	10	<0145>	0145	P0N		?	Unid	OTHR every 20 secs 70 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	05	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21222	10	2014	05	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21223.5	1	2014	5	23	0910		F1B	600			DAILY, BURSTS	QG52xi	WIA	VK4TJ
21224	10	2014	05	07	<0346>	0346	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21224	10	2014	05	21	<2253>	2253	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	05	03	<0105>	0105	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	05	19	<0118>	0118	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21228	10	2014	05	21	<2259>	2259	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21228	10	2014	05	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21229.0	1	2014	5	2	0900		F1B	600			DAILY, BURSTS	QG52xi	WIA	VK4TJ
21230	10	2014	05	01	<0810>	0810	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	05	15	<0155>	0155	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	05	22	<0330>	0330	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	05	22	<0027>	0027	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD

21232	10	2014	05	09	<0232>	0232	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	05	11	<0206>	0206	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	05	16	<0322>	0322	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21233	10	2014	05	02	<2220>	2220	P0N	?	Unid	OTHR every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21233	10	2014	05	08	<2302>	2302	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21234	10	2014	05	03	<0245>	0245	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21234	10	2014	05	18	<0118>	0118	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21237	10	2014	05	03	<0115>	0115	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21237	10	2014	05	12	<2335>	2335	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	05	03	<0440>	0440	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	05	31	<0356>	0356	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21239	10	2014	05	30	<0420>	0420	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	05	09	<0228>	0228	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	05	21	<2317>	2317	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	05	24	<0340>	0340	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	05	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21243	10	2014	05	12	<2330>	2330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21244	10	2014	05	03	<0238>	0238	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21244	10	2014	05	22	<0314>	0314	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21246	10	2014	05	28	<0337>	0337	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21247	10	2014	05	06	<0251>	0251	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21247	10	2014	05	30	<0230>	0230	P0N	?	Unid	OTHR every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21248	10	2014	05	09	<0250>	0250	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	05	30	<0301>	0301	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21252	10	2014	05	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21254	10	2014	05	27	<0310>	0310	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21255	10	2014	05	04	<0157>	0157	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21256	10	2014	05	03	<0348>	0348	P0N	?	Unid	OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD

21256	10	2014	05	13	<0425>	0425	P0N		Unid	secs on 7 pps OTHR HFSWR 18			
21257	10	2014	05	18	<0338>	0338	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21261	10	2014	05	10	<0122>	0122	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21262	10	2014	05	22	<0025>	0025	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21262	10	2014	05	24	<0210>	0210	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21263	10	2014	05	01	<0145>	0145	P0N	?	Unid	secs on 7 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21264	10	2014	05	20	<0440>	0440	P0N	?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21264	10	2014	05	31	<0352>	0352	P0N	?	Unid	40/80 pps (double pulses) OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21268	10	2014	05	DY	HX	HX	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21270.0	40	2014	5	5	1020		P0N	?		secs on 7 pps OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21270	10	2014	05	02	<0735>	0735	P0N	?	Unid	OTHR HFSWR 18			
21270	10	2014	05	24	<0153>	0153	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21272	10	2014	05	07	<0732>	0732	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21273	10	2014	05	04	<0222>	0222	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21273	10	2014	05	24	<0250>	0250	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21275	10	2014	05	02	<0740>	0740	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21275	10	2014	05	05	<0025>	0025	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21277	10	2014	05	12	<0220>	0220	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21277	10	2014	05	27	<0318>	0318	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21278	10	2014	05	06	<0257>	0257	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21282	10	2014	05	04	<0200>	0200	P0N	?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21284	10	2014	05	05	<0615>	0615	P0N	?	Unid	secs on 7 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21285.0	20	2014	5	18	0925		P0N	?		40 pps OTHR, BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21285	10	2014	05	08	<0158>	0158	P0N		Unid	OTHR every 40 & 50 sec, random timing, 40/80 pps (Double pulses)	RF72LQ	NZART	ZL1BAD
21285	10	2014	05	16	<0305>	0305-0415	P0N	?	Unid	OTHR every 35 secs 40 & 50 pps - double pulses	RF72LQ	NZART	ZL1BAD

21286	10	2014	05	04	<0446>	0446	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21287	10	2014	05	19	<0040>	0040	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21288	10	2014	05	04	<0432>	0432	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21288	35	2014	05	31	<0325>	\0325	P0N	?	Unid	OTHR Continuous 90 pps	RF72LQ	NZART	ZL1BAD
21289	10	2014	05	11	<0228>	0228	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21289	10	2014	05	30	<0505>	0505	P0N	?	Unid	OTHR every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21290.0	40	2014	5	14	0805		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21290	10	2014	05	06	<0630>	0630	P0N	?	Unid	OTHR every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21290	10	2014	05	06	<0632>	0632	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21291	10	2014	05	26	<0255>	0255	P0N	?	Unid	OTHR at variable times 50 pps	RF72LQ	NZART	ZL1BAD
21292	10	2014	05	05	<0040>	0040	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21292	10	2014	05	07	<0732>	0732	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21293	10	2014	05	14	<2350>	2350-2359	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21293	10	2014	05	15	<0001>	0001	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21294	10	2014	05	11	<0230>	0230	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21294	10	2014	05	15	<2318>	2318	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	05	01	<0427>	0427	P0N	?	Unid	OTHR every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	05	26	<0035>	0035-0140	P0N	?	Unid	OTHR & 1.4 (1 sec between) Variable timing. 50 pps & 30 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	05	30	<0230>	0230	P0N	?	Unid	OTHR 2 bursts 3 secs between each 30 secs OTHR @ 30 pps 2nd 1.3 @ 70 pps	RF72LQ	NZART	ZL1BAD
21296	10	2014	05	27	<0210>	0210-0303	P0N	?	Unid	OTHR every 30 secs 30/60 pps double pulses	RF72LQ	NZART	ZL1BAD
21297	10	2014	05	11	<0240>	0240	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21297	10	2014	05	14	<2215>	2215	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21297	10	2014	05	15	<2125>	2125	P0N	?	Unid	OTHR every 40 secs 40 pps	RF72LQ	NZART	ZL1BAD
21301	10	2014	05	15	<2228>	2228	P0N	?	Unid	OTHR every 40 secs 40 pps	RF72LQ	NZART	ZL1BAD
21305	10	2014	05	29	<2258>	2258	P0N	?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD

21307	10	2014	05	04	<2230>	2230	P0N	600	?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21310	10	2014	05	31	<0320>	0320-0325	P0N		?	Unid	50 pps Continuous 90 pps	RF72LQ	NZART	ZL1BAD
21310	80	2014	05	31	\0327>	0327-0332	P0N			Unid	OTHR Continuous 90 pps. 80k wide comprising 2x35 & 1 x10. 21288 & 21330			
21315	10	2014	05	21	<0415>	0415	P0N	600	?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21318.0	1	2014	5	12	0910		F1B		?		50 pps DAILY, BURSTS	RF72LQ	NZART	ZL1BAD
21321	10	2014	05	02	<0500>	0500	P0N			Unid	OTHR every 35 secs	QG52xi	WIA	VK4TJ
21323	10	2014	05	03	<0350>	0350-0510	P0N		?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21326	10	2014	05	22	<0025>	0025	P0N		?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21327	10	2014	05	05	<0040>	0040	P0N		?	Unid	50 pps OTHR every 50 secs	RF72LQ	NZART	ZL1BAD
21327	10	2014	05	02	<2347>	2347	P0N		?	Unid	50 pps OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21327	10	2014	05	21	<2250>	2250	P0N		?	Unid	OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21328	10	2014	05	03	<0105>	0105	P0N		?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21328	10	2014	05	22	<0310>	0310-0445	P0N		?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21330.0	20	2014	5	21	0925		P0N				50 pps OTHR, FREQUENT BURSTS	RF72LQ	NZART	ZL1BAD
21330	35	2014	05	31	<0325>	0325	P0N			Unid	OTHR Continuous 90 pps On at same time with 21288	QG52xi	WIA	VK4TJ
21332	10	2014	05	10	<0130>	0130	P0N		?	Unid	OTHR every 20 secs	RF72LQ	NZART	ZL1BAD
21333	10	2014	05	26	<0255>	0255	P0N		?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21335	10	2014	05	02	<0105>	0105	P0N		?	Unid	70 pps OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21337	10	2014	05	19	<0055>	0055	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21338	10	2014	05	07	<0730>	0730	P0N		?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21341	10	2014	05	02	<0300>	0300	P0N		?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21344	10	2014	05	12	<0233>	0233	P0N		?	Unid	70 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21344	10	2014	05	01	<0405>	0405	P0N		?	Unid	50 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21344	10	2014	05	15	<0315>	0315	P0N		?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21345	10	2014	05	16	<0405>	0405	P0N		?	Unid	70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21349	10	2014	05	10	<0410>	0410	P0N		?	Unid	50 pps OTHR every 20 secs	RF72LQ	NZART	ZL1BAD
									?		70 pps	RF72LQ	NZART	ZL1BAD

21350.0	5	2014	5	17	0210		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21360	10	2014	05	04	<2240>	2240-2245	P0N		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21363	10	2014	05	10	<0115>	0115-0120	P0N		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21368	10	2014	05	14	<0735>	0735	P0N		Unid	OTHR every 40 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21368	10	2014	05	15	<2140>	2140-2228	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21372	10	2014	05	09	<0220>	0220-0350	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21377	10	2014	05	22	<1030>	1030	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21380.0	20	2014	5	30	0800		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21380	160	2014	05	11	<0515>	0515-0521	P0N		Unid	OTHR Continuous 50			
								?		pps. Started 0515,			
										Finished 0521	RF72LQ	NZART	ZL1BAD
21381	10	2014	05	15	<2140>	2140-2228	P0N		Unid	OTHR 6 every 40			
								?		secs 50 pps	RF72LQ	NZART	ZL1BAD
21381	10	2014	05	31	<0420>	0420-0435	P0N		Unid	OTHR every 40 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21382	10	2014	05	13	<0400>	0400	P0N		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21382	10	2014	05	31	<0210>	0210-0345	P0N		Unid	OTHR every 30 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21385	10	2014	05	31	<0215>	0215	P0N		Unid	OTHR HFSWR 3			
								?		secs 7 pps	RF72LQ	NZART	ZL1BAD
21386	10	2014	05	22	<1030>	1030	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21390	10	2014	05	19	<0040>	0040	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21390	10	2014	05	10	<0433>	0433	P0N		Unid	OTHR every 20 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21393	10	2014	05	14	<2305>	2305	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21400	20	2014	05	20	<0459>	459	P0N		Unid	OTHR Continuous 50			
								?		pps	RF72LQ	NZART	ZL1BAD
21400	10	2014	05	06	<0250>	0250-0325	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21402	10	2014	05	01	<0405>	0405	P0N		Unid	OTHR every 35 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21408	10	23014	05	12	<0215>	0215	P0N		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21410	10	2014	05	18	<0345>	0345	P0N		Unid	OTHR every 30 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21410	10	2014	05	30	<2320>	2320	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21413	10	2014	05	18	<0350>	0350	P0N		Unid	OTHR every 30 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD
21420	10	2014	05	04	<2250>	2250	P0N		Unid	OTHR every 35 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21422	10	2014	05	17	<2210>	2210	P0N		Unid	OTHR every 40 secs			
								?		50 pps	RF72LQ	NZART	ZL1BAD
21425	10	2014	05	02	<0315>	0315	P0N		Unid	OTHR every 35 secs			
								?		70 pps	RF72LQ	NZART	ZL1BAD

21426	10	2014	05	02	<0735>	0735	P0N		Unid	OTHR every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21426	10	2014	05	18	<0235>	0235	P0N		Unid	OTHR every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21428	10	2014	05	11	<0206>	0206	P0N		Unid	OTHR every 30 secs 90 pps	RF72LQ	NZART	ZL1BAD
21429	10	2014	05	14	<2350>	2350	P0N		Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21438.0		2014	5	5	1020		A1A	UKR	RCV	DAILY	QG52xi	WIA	VK4TJ
21440	10	2014	05	19	<0105>	0105	P0N		Unid	OTHR every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21441	10	2014	05	05	<0130>	0130	P0N		Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21444.3	3	2014	5	24	0815		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
21445.0	5	2014	5	24	0815		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21450	10	2014	05	04	<2315>	2315	P0N		Unid	OTHR every 50 secs 50 pps	RF72LQ	NZART	ZL1BAD
21450	20	2014	05	15	<0025>	0025-0028	P0N		Unid	OTHR Continuous 50 pps Covering 21440 - 21460	RF72LQ	NZART	ZL1BAD
21450	20	2014	05	21	<0415>	0415	P0N		Unid	OTHR Continuous 60 pps Covering 21440 - 21460	RF72LQ	NZART	ZL1BAD
24890.0	5	2014	5	14	0810		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24900		2014	05	DY	HX	HX	G7DE/F		Unid	HF Man Pack Across entire bands	RF72LQ	NZART	ZL1BAD
24910.0	5	2014	5	10	0735		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24915.0	5	2014	5	17	0200		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24930.0	6	2014	5	18	0630		A3E			ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2014	5	2	0600		A3E			ASIAN	QG52xi	WIA	VK4TJ
24940.0	5	2014	5	30	0800		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24950.0	6	2014	5	19	0800		A3E			ASIAN	QG52xi	WIA	VK4TJ
24955.0	8	2014	5	2	0600		F3E			ASIAN	QG52xi	WIA	VK4TJ
24975.0	8	2014	5	24	0810		F3E			ASIAN	QG52xi	WIA	VK4TJ
24980.0	40	2014	5	2	0905		VXX			CODAR	QG52xi	WIA	VK4TJ
24985.0	6	2014	5	25	0405		A3E			ASIAN	QG52xi	WIA	VK4TJ
24987.5	6	2014	5	27	0910		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	6	2014	5	17	0155		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	100	2014	5	2	0420		P0N	IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ
28000		2014	05	DY	HX	HX	G7DE/F		Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28000		2014	05	DY	HX	HX	F3E/A3E		Unid	Chinese CB'ers every 5 K, when band is open	RF72LQ	NZART	ZL1BAD
28000.2		2014	5	16	2220		A1A		4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2014	5	2	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28008		2014	5	25	<0143- 0147>		A1A		"4ION"	FISHING NET BEACON			
28008.3		2014	5	17	0225		A1A	UNID	4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28010.0	5	2014	5	13	0745		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ

28012.5	6	2014	5	2	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28014		2014	5	25	<0140-0150>	A1A			UNID	"4ION"			
28015.0	6	2014	5	11	2255	A3E				MAY BE SPUR			
28015.0	6	2014	5	2	0035	A3E				SPANISH	QG52xi	WIA	VK4TJ
28018.0	6	2014	5	27	0905	A3E				LANGUAGE	QG52xi	WIA	VK4TJ
28020		2014	5	25	<0140-0150>	A1A			UNID	"A09"	QG52xi	WIA	VK4TJ
28025.0	6	2014	5	11	2140	A3E				BEACON			
28025.0	8	2014	5	2	0040	F3E				SPANISH	QG52xi	WIA	VK4TJ
28030.0	5	2014	5	31	0645	G7DF				LANGUAGE	QG52xi	WIA	VK4TJ
28030.0	100	2014	5	31	0645	P0N			IRI	ASIAN	QG52xi	WIA	VK4TJ
28035.0	6	2014	5	2	0040	A3E				HF MANPACK	QG52xi	WIA	VK4TJ
28037.5	6	2014	5	11	2250	A3E				IRANIAN OTHR	QG52xi	WIA	VK4TJ
28040		2014	5	25	<0140-0150>	A1A			UNID	"4NAY"	QG52xi	WIA	VK4TJ
28040.1		2014	5	16	2230	A1A				ANOTHER FISHNET			
28050.0	1	2013	5	10	2150	F1B	300		4NAY	BEACON	QG52xi	WIA	VK4TJ
28050.0	8	2014	5	2	0040	F3E				DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28052.8		2014	5	16	2230	A1A			3OBT	BURSTS	QG52xi	WIA	VK4TJ
28055.0	6	2014	5	2	0040	A3E				ASIAN	QG52xi	WIA	VK4TJ
28060.2	1	2014	5	16	2020	F1B	350			DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28062.5	6	2014	5	13	0755	A3E				ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	5	24	2240	A3E				ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	5	2	0040	A3E				SPANISH	QG52xi	WIA	VK4TJ
28075.0	8	2014	5	2	0040	F3E				SPEAKERS	QG52xi	WIA	VK4TJ
28080.0	5	2014	5	17	0130	G7DF				ASIAN	QG52xi	WIA	VK4TJ
28080.5		2014	5	13	0755	A1A			4MIG	ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2014	5	2	0040	A3E				HF MANPACK	QG52xi	WIA	VK4TJ
28087.5	6	2014	5	17	0250	A3E				DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28092.0	6	2014	5	31	0035	A3E				ASIAN	QG52xi	WIA	VK4TJ
28095.0	6	2014	5	13	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2014	5	13	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
28100	50	2014	05	20	<0300>	0300	XXX		Unid	R/T System - multiple tones at 50 kHz	QG52xi	WIA	VK4TJ
28105.0	6	2014	5	2	0040	A3E			?	spacing	RF72LQ	NZART	ZL1BAD
28112.5	6	2014	5	13	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	5	2	0040	A3E				ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	5	2	0040	F3E				ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	5	2	0040	A3E				ASIAN	QG52xi	WIA	VK4TJ
28137.5	6	2014	5	13	0845	A3E				ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	5	2	0040	A3E				ASIAN	QG52xi	WIA	VK4TJ
28150.0		2015	5	24	2245	F1B	300			ASIAN	QG52xi	WIA	VK4TJ
										BURSTS	QG52xi	WIA	VK4TJ

28150.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2014	5	24	2250		A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28155.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28170.0	6	2014	5	17	0155		A3E			ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28187.5	8	2014	5	13	0850		F3E			ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28200	50	2014	05	20	<0300>	0300	XXX		Unid	R/T System - multiple tones at 50 kHz spacing			
									?		RF72LQ	NZART	ZL1BAD
28205.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28205.0	5	2014	5	17	0120		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28212.5	6	2014	5	8	0730		A3E			ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2014	5	13	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ
28240.0		2014	5	16	2235		A1A		5AJS				
										DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28245.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	5	8	0730		F3E			ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28275.0	3	2014	5	10	0250		A3E			SPANISH SPEAKER	QG52xi	WIA	VK4TJ
28275.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28280.0	100	2014	5	25	0350		P0N		IRN	OTHER	QG52xi	WIA	VK4TJ
28285.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28287.5	8	2014	5	8	0710		F3E			ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2014	5	2	0540		A3E			ASIAN	QG52xi	WIA	VK4TJ
28300.0	5	2014	5	31	0040		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28305.0	6	2014	5	11	2135		A3E			SPANISH SPEAKER	QG52xi	WIA	VK4TJ
28305.0	6	2014	5	2	0040		A3E			ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28312.5	6	2014	5	8	0710		A3E			ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2014	5	2	0040		F3E			ASIAN	QG52xi	WIA	VK4TJ
28330.0	6	2014	5	6	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2014	5	2	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2014	5	13	0905		A3E			ASIAN	QG52xi	WIA	VK4TJ

28345.0	6	2014	5	10	0905	A3E	RT02	ASIAN	QG52xi	WIA	VK4TJ		
28350.0	8	2014	5	2	0040	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28353.1		2014	5	24	0655	A1A		DRIFTNET BEACON	QG52xi	WIA	VK4TJ		
28355.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28355.0	5	2014	5	10	0510	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ		
28362.5	6	2014	5	6	0820	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28365.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28375.0	8	2014	5	2	0040	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28385.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28387.5	6	2014	5	8	0935	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28395.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28400.0	6	2014	5	8	0935	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28405.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28412.5	6	2014	5	8	0935	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28415.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28425.0	8	2014	5	2	0040	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28435.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28437.5	6	2014	5	8	0935	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28450.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28455.0	6	2014	5	2	0040	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28460.0	5	2014	5	13	0910	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ		
28465.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28475.0	8	2014	5	2	0055	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28485.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28485.0	5	2014	5	24	0655	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ		
28487.5	6	2014	5	8	0935	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28500.0	6	2014	5	2	0545	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28505.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28512.5	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28515.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28525.0	8	2014	5	2	0055	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28530.0	8	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28535.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28545.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28550.0	6	2014	5	2	0545	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28555.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28562.5	6	2014	5	2	0130	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28565.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28575.0	8	2014	5	2	0055	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28580.0	8	2014	5	15	0840	F3E		ASIAN	QG52xi	WIA	VK4TJ		
28585.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28587.5	6	2014	5	6	0825	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28595.0	6	2014	5	2	0055	A3E		ASIAN	QG52xi	WIA	VK4TJ		
28597	60	2014	05	11	<0651>	0651-0700	P0N	?	OTHR Iranian S5				
								330	IRN	307pps 2.4s 868pps	RF73MF	NZART	ZL1GWE

								5.9s pattern						
28600.0	6	2014	5	8	0705		A3E	?	Unid	ASIAN	QG52xi	WIA	VK4TJ	
28600	50	2014	05	08	<0220>	0220-0420	XXX			R/T System - multiple tones at 50 kHz spacing	RF72LQ	NZART	ZL1BAD	
28600	50	2014	05	09	<0235>	0235-0355	XXX		?	Unid	R/T System - multiple tones at 50 kHz spacing	RF72LQ	NZART	ZL1BAD
28600	50	2014	05	11	<0535>	0535	XXX			Unid	R/T System - multiple tones at 50 kHz spacing	RF72LQ	NZART	ZL1BAD
28605.0	6	2014	5	2	0055		A3E	?	D42	ASIAN	QG52xi	WIA	VK4TJ	
28615.0	6	2014	5	2	0055		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28625.0	6	2014	5	2	0055		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28635.0	6	2014	5	2	0055		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28637.5	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28645.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28650.0	6	2014	5	6	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28655.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28660.0	6	2014	5	2	0910		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28662.5	6	2014	5	24	0700		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28665.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28675.0	8	2014	5	2	0100		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28685.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28687.5	6	2014	5	6	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28695.0	6	2014	5	2	0125		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28700.0	8	2014	5	2	0100		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28705.0	8	2014	5	2	0100		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28712.5	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28715.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28720.0	6	2014	5	2	0355		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28720.7		2014	5	11	2310		A1A			DRIFTNET BEACON	QG52xi	WIA	VK4TJ	
28725.0	8	2014	5	2	0100		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28735.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28737.5	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28740.0	6	2014	5	15	0845		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28745.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28750.0	8	2014	5	2	0100		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28755.0	6	2014	5	2	0100		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28760.0	6	2014	5	2	0545		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28762.5	8	2014	5	17	0145		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28765.0	6	2014	5	2	0125		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28770.0	6	2014	5	17	0145		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28775.0	8	2014	5	2	0545		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28785.0	6	2014	5	2	0125		A3E			ASIAN	QG52xi	WIA	VK4TJ	

28800.0	8	2014	5	6	0830		F3E		ASIAN	QG52xi	WIA	VK4TJ
28812.5	6	2014	5	2	0100		A3E		ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2014	5	2	0125		A3E		ASIAN	QG52xi	WIA	VK4TJ
28825.0	6	2014	5	2	0125		A3E		ASIAN	QG52xi	WIA	VK4TJ
28830.0	6	2014	5	6	0830		A3E		ASIAN	QG52xi	WIA	VK4TJ
28835.0	6	2014	5	2	0100		A3E		ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2014	5	8	0700		F3E		ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	5	2	0100		F3E		ASIAN	QG52xi	WIA	VK4TJ
28850	50	2014	05	12	<0230>	0230	XXX	Unid	R/T System - multiple tones at 50 kHz spacing			
								?		RF72LQ	NZART	ZL1BAD
28862.5	8	2014	5	2	0550		F3E		ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2014	5	8	0700		A3E		ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2014	5	8	0700		F3E		ASIAN	QG52xi	WIA	VK4TJ
28885.0	5	2014	5	2	0550		G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28887.5	8	2014	5	2	0125		F3E		ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2014	5	2	0100		F3E		ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2014	5	25	0355		A3E		ASIAN	QG52xi	WIA	VK4TJ
28912.5	8	2014	5	2	0100		F3E		ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	5	2	0100		F3E		ASIAN	QG52xi	WIA	VK4TJ
28937.5	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ
28955.0	6	2014	5	6	0830		A3E		ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2014	5	8	0700		A3E		ASIAN	QG52xi	WIA	VK4TJ
28965.0	6	2014	5	2	0105		A3E		ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2014	5	2	0120		F3E		ASIAN	QG52xi	WIA	VK4TJ
29000.0	8	2014	5	2	0120		F3E		ASIAN	QG52xi	WIA	VK4TJ
29005.0	6	2014	5	17	0145		A3E		ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2014	5	2	0120		F3E		ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2014	5	6	0830		A3E		ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ
29035.0	6	2014	5	24	0710		A3E		ASIAN	QG52xi	WIA	VK4TJ
29037.5	6	2014	5	24	0720		A3E		ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	5	2	0550		F3E		ASIAN	QG52xi	WIA	VK4TJ
29055.0	6	2014	5	24	0725		A3E		ASIAN	QG52xi	WIA	VK4TJ
29062.5	6	2014	5	2	0105		A3E		ASIAN	QG52xi	WIA	VK4TJ
29065.0	6	2014	5	24	0725		A3E		ASIAN	QG52xi	WIA	VK4TJ
29075.0	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ
29095.0	6	2014	5	6	0830		A3E		ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ
29105.0	6	2014	5	2	0105		A3E		ASIAN	QG52xi	WIA	VK4TJ
29112.5	6	2014	5	6	0835		A3E		ASIAN	QG52xi	WIA	VK4TJ
29115.0	6	2014	5	2	0120		A3E		ASIAN	QG52xi	WIA	VK4TJ
29125.0	8	2014	5	2	0105		F3E		ASIAN	QG52xi	WIA	VK4TJ

29137.5	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29150.0	8	2014	5	2	0105	F3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2014	5	2	0550	A3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	5	2	0105	F3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29188.3	3	2014	5	2	0120	J3E/U	ASIAN	QG52xi	WIA	VK4TJ
29195.0	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29212.5	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	8	2014	5	2	0120	F3E	ASIAN	QG52xi	WIA	VK4TJ
29235.0	6	2014	5	2	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	5	15	0850	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	5	5	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
29255.0	6	2014	5	6	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29265.0	6	2014	5	5	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2014	5	2	0555	F3E	ASIAN	QG52xi	WIA	VK4TJ
29287.5	8	2014	5	24	0750	F3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2014	5	2	0105	A3E	ASIAN	QG52xi	WIA	VK4TJ
29315.0	6	2014	5	2	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
29325.0	6	2014	5	25	0340	A3E	ASIAN	QG52xi	WIA	VK4TJ
29335.0	6	2014	5	25	0335	A3E	ASIAN	QG52xi	WIA	VK4TJ
29337.5	8	2014	5	2	0555	F3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2014	5	2	0555	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2014	5	2	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
29365.0	6	2014	5	5	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	5	6	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2014	5	5	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2014	5	2	0555	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	5	2	0555	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2014	5	6	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
29415.0	6	2014	5	9	0845	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	1	2014	5	17	0140	F1B	ASIAN	QG52xi	WIA	VK4TJ
29425.0	8	2014	5	2	0110	F3E	ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2014	5	2	0110	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2014	5	8	0655	A3E	ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2014	5	5	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	6	2014	5	2	0110	A3E	ASIAN	QG52xi	WIA	VK4TJ
29465.0	6	2014	5	9	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	5	2	0110	F3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2014	5	2	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
29495.0	5	2014	5	9	0825	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ
29500.0	6	2014	5	2	0110	A3E	ASIAN	QG52xi	WIA	VK4TJ

29515.0	6	2014	5	2	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
29515.0	5	2014	5	8	0905		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29525.0	6	2014	5	2	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
29535.0	6	2014	5	8	0905		A3E				ASIAN	QG52xi	WIA	VK4TJ
29535.0	5	2014	5	2	0600		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29537.5	6	2014	5	8	0900		A3E				ASIAN	QG52xi	WIA	VK4TJ
29545.0	6	2014	5	8	0855		A3E				ASIAN	QG52xi	WIA	VK4TJ
29546	10	2014	05	15	<0010>	0010	P0N	150	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
29550.0	6	2014	5	6	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
29555.0	6	2014	5	8	0855		A3E				ASIAN	QG52xi	WIA	VK4TJ
29565.0	6	2014	5	5	0825		A3E				ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2014	5	2	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2014	5	8	0840		A3E				ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	5	2	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2014	5	2	0600		A3E				ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2014	5	8	0830		A3E				ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2014	5	2	0110		F3E				ASIAN	QG52xi	WIA	VK4TJ
29635.0	6	2014	5	8	0815		A3E				ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2014	5	2	0110		F3E				ASIAN	QG52xi	WIA	VK4TJ
29645.0	6	2014	5	9	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
29650.0	6	2014	5	2	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
29650		2014	05	12	<0415>	0415-0500	F1B	150	?	Unid	RTTY Weak - no print	RF72LQ	NZART	ZL1BAD
29650		2014	05	17	<0300>	0300	F1B		?	Unid	RTTY Weak - no print	RF72LQ	NZART	ZL1BAD
29655.0	6	2014	5	8	0745		A3E				ASIAN	QG52xi	WIA	VK4TJ
29655.0	5	2014	5	6	0935		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29660		2014	05	21	<0320>	0320	XXX			Unid	Multiple tones spaced 50 k			
29660		2014	05	21	<2300>	2300	XXX		?	Unid	Multiple tones spaced 50 k	RF72LQ	NZART	ZL1BAD
29660		2014	05	22	<2050>	2050	XXX		?	Unid	Multiple tones spaced 50 k	RF72LQ	NZART	ZL1BAD
29660		2014	05	24	<0140>	0140	XXX		?	Unid	Multiple tones spaced 50 k	RF72LQ	NZART	ZL1BAD
29660		2014	05	25	<0030>	0030	XXX		?	Unid	Multiple tones spaced 50 k	RF72LQ	NZART	ZL1BAD
29662.5	6	2014	5	2	0110		A3E				ASIAN	QG52xi	WIA	VK4TJ
29665.0	6	2014	5	5	0815		A3E				ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2014	5	2	0110		F3E				ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	5	2	0110		F3E				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29700.0	8	2014	5	2	0110		F3E				ASIAN	QG52xi	WIA	VK4TJ