



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



April 2014

Peter Young VK3MV

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

This month there were 1249 observations of intruders made across the Region as compared to last month number of 1237. 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 operating in the higher portion of the bands. More details in the attached data report.

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

Thank you to all the regional observers for their reports, these reports are needed and really appreciated. Keep them coming. Monitoring reports can also be sent directly to me, if you don't have a national monitoring coordinator.

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

Peter – VK3MV

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3550.0	100	2014	4	27	1940		P0N							QG52xi	WIA	VK4TJ
3553	3.0	2014	04	07		10:52	J3E						japanese song with no call sign	PM84UQ	JARL	
3565	0.5	2014	04	03		12:58	A1A						repeat of "sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3565	0.5	2014	04	04		13:27	A1A						repeat of "sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3565	0.5	2014	04	05		11:30	A1A						repeat of "sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3565	0.5	2014	04	08		11:42	A1A						repeat of "sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3565	0.5	2014	04	10		11:20	A1A						repeat of "sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3565	0.5	2014	04	12		13:45	A1A						repeat of " sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3565	0.5	2014	04	15		12:59	A1A						repeat of "sxl6 sxl6 sxl6 de 9qfz 9qfz v "	PM84UQ	JARL	
3585.0	3	2014	4	3	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3602	3	2014	04	20		11:52	J3E						japanese song with no call sign	PM84UQ	JARL	
3623.0	3	2014	4	3	1935		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3680.0	100	2014	4	12	1940		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3697.0	1	2014	4	3	1930		F1B		900				1 MINUTE TRANSMISSIONS	QG52xi	WIA	VK4TJ
3710	0.5	2014	04	09		11:54	A1A						repeat of "nj6a nj6a nj6a "	PM84UQ	JARL	
3710	0.5	2014	04	10		11:23	A1A						repeat of " nj6a nj6a nj6a nj6a nj6a "	PM84UQ	JARL	
3710	0.5	2014	04	12		13:50	A1A						repeat of "nj6a nj6a nj6a "	PM84UQ	JARL	
3710	0.5	2014	04	20		11:57	A1A						repeat of " nj6a nj6a nj6a nj6a nj6a "	PM84UQ	JARL	
3750.0	100	2014	4	4	1930		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3780.0	100	2014	4	17	1910		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3797.0		2014	4	3	1930		A1A					DRV8	CALLING H2FL	QG52xi	WIA	VK4TJ
3798	0.5	2014	04	02		12:00	A1A						repeat of " h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	03		13:03	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	04		13:30	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	05		11:33	A1A						repeat of "hefl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	06		12:57	A1A						repeat of "hefl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	07		10:57	A1A						repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	09		12:03	A1A						repeat of "hefl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	10		11:16	A1A						repeat of " h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL	

3798	0.5	2014	04	12		13:53	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	15		13:01	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	17		12:58	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
3798	0.5	2014	04	20		11:59	A1A			repeat of "h2fl h2fl h2fl de drvz drvz v"	PM84UQ	JARL	
6966.9	38	2014	04	25	<0754>	0754	P0N	?	Unid	OTHR 21 pps Continuous S5	RF73MF	NZART	ZL1GWE
6980.0	200	2014	4	3	1940		P0N			DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	4	1	0910		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7000		2014	-4	26	<1900>	1900-2036	P0N	?	Unid	OTHR S5 Continuous	RF73MF	NZART	ZL1GWE
7000		2014	04	DY	HX	HX	J3E/L	?	Unid	Non-Amateurs, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2014	04	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1PSK & 8 PSK	RF72LQ	NZART	ZL1BAD
7000		2014	04	19	<0756>	0756-0759	J3E/U	IND	Unid	Non-Amateurs Indonesian group chatting S8	RF73MF	NZART	ZL1GWE
7000		2014	04	20	<0738>	0738	J3E/U	IND	Unid	Non Amateurs Indonesian net chatting S7	RF73MF	NZART	ZL1GWE
7000		2014	04	25	<0728>	0728	J3E/U	IND	Unid	Non-Amateurs Indonesian S4 chatting	RF73MF	NZART	ZL1GWE
7001	60	2014	04	03	<1045>	1045	P0N	?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL1BAD
7001		2014	04	12	<0821>	0821	J3E/U	IND	Unid	Non-Amateurs Indonesian group chatting S6	RF73MF	NZART	ZL1GWE
7001		2014	04	27	<0734>	0734	J3E/U	IND	Unid	Non-Amateurs Indonesian group chatting S5	RF73MF	NZART	ZL1GWE
7005.0	3	2014	4	9	0935		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	4	4	0835		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7008.0	1	2014	4	17	1925		F1B			CONTINUOUS	QG52xi	WIA	VK4TJ
7008.0	5	2014	4	10	1920		G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7009	3.3	2014	04	10	<1915>	1915	M7B	?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7010.0	3	2014	4	9	0935		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	4	4	0830		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	40	2014	4	23	1730		VXX			CODAR	QG52xi	WIA	VK4TJ
7010	60	2014	04	18	<1920>	1920	P0N	?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL1BAD
7010	60	2014	04	22	<1950>	1950	P0N	?	Unid	OTHR	RF72LQ	NZART	ZL1BAD
7010		2014	04	25	<0728>	0728	J3E/U	IND	Unid	Non-Amateurs Indonesian group chatting S4	RF73MF	NZART	ZL1GWE

7010	60	2014	04	28	<1940>	1940	P0N		?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL1BAD
7015.0	3	2014	4	4	0830		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	4	3	1940		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7016.0	1	2014	4	21	2140		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
7020.0	5	2014	4	3	1940		G7D				DOZENS OF SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
7020.0	3	2014	4	9	0935		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	4	9	0945		J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7021.0	5	2014	4	4	1935		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7025.0	5	2014	4	9	0950		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7025.0	20	2014	4	9	0945		P0N				OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
7025.2	3	2014	4	9	0945		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7028	3.3	2014	04	22	<1950>	1950	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7030.0	3	2014	4	9	0950		J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	40	2014	4	15	1015		VXX				CODAR	QG52xi	WIA	VK4TJ
7033.0	5	2014	4	4	1935		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7038.7		2014	4	1	2015		A1A		RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.7		2014	04	26	<1900>	1900-1914	A1A		RUS	M	Beacon D A1A S3	RF73Mf	NZART	ZL1GWE
7038.8		2014	4	3	1935		A1A		RUS	P	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.9		2014	4	3	1935		A1A		RUS	S	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039	0.5	2014	04	01		1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1006	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1622	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1830	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		1832	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		2204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	01		2302	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	02		1012	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	02		1014	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	02		1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	

7039	0.5	2014	04	02	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	02	1630	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	02	1632	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	02	1810	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	02	1812	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	02	2206	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	02	2302	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	03	0940	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	03	0942	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	03	1210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	03	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	03	1602	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	03	1604	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	03	1720	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	03	1722	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	03	2210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	03	2258	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1020	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1022	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1640	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1642	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1810	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	04	1812	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	04	2206	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	04	2258	A1A	321	RUS	signal F--	Beacon	PM97	JARL

7039	0.5	2014	04	05	0950	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	0952	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	1216	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	1218	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	1640	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	1642	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	1810	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	2204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	2206	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	05	2258	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1006	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1008	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1710	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1712	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1834	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	1836	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	2204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	06	2258	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1206	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1710	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1712	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	07	1840	A1A	321	RUS	F-- signal	Beacon	PM97	JARL

7039	0.5	2014	04	07	1842	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	07	2212	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	07	2258	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1010	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1204	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1206	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1640	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1642	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1820	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	08	1822	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	08	2214	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	08	2258	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1012	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1014	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1204	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1206	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1610	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1612	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1724	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1726	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1830	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	1832	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	09	2216	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	09	2258	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	10	1020	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	10	1022	A1A	15	RUS	signal M--	Beacon	PM97	JARL

7039	0.5	2014	04	10	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	1212	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	1618	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	1620	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	1830	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	1832	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	2212	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	10	2214	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	0956	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	1604	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	1720	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	1830	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	2012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	11	2204	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1206	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1208	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1720	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1722	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1910	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	1912	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	12	2206	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	13	1340	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	13	1342	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	13	1810	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	13	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL

7039	0.5	2014	04	13	2208	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	13	2210	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	14	1210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	14	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	14	1730	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	14	1732	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	14	1920	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	14	1922	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	14	2210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	14	2212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	14	2258	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	15	1210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	15	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	15	1720	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	15	1722	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	15	1940	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	15	1942	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	15	2214	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	15	2216	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	15	2258	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1030	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1032	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1220	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1222	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1740	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1742	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	16	1812	A1A	321	RUS	signal F--	Beacon	PM97	JARL

7039	0.5	2014	04	16	1814	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	16	2210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1020	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1022	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1710	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1712	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1840	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	1842	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	17	2204	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1206	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1630	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1632	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1840	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	1842	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	18	2206	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	1214	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	1640	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	1642	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	1830	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	1832	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	19	2210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	20	1012	A1A	321	RUS	F-- signal	Beacon	PM97	JARL

7039	0.5	2014	04	20	1014	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	20	1204	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	20	1206	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	20	1620	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	20	1622	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	20	1812	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	20	1814	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	20	2210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	21	0810	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	21	0812	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1020	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1022	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1206	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1208	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1720	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1722	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1930	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	21	1932	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	21	2212	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1010	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1220	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1222	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1620	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1622	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1740	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	22	1742	A1A	15	RUS	signal M--	Beacon	PM97	JARL

7039	0.5	2014	04	22	1830	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	22	1832	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	22	2210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	22	2212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1020	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1022	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1730	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1732	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	1940	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	23	2204	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1012	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1014	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1720	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1722	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1910	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	1912	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	2204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	24	2206	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	25	0950	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	25	0952	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	25	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	25	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	25	1720	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	04	25	1722	A1A	15	RUS	M-- signal	Beacon	PM97	JARL

7039	0.5	2014	04	25	1940	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	25	1942	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	25	2204	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1020	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1022	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1730	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1732	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1820	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1822	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1940	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	26	1942	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	26	2210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	27	0950	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	27	0952	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	27	1220	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	27	1222	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	27	1640	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	27	1642	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	27	1830	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	27	1832	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	27	2210	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	28	1012	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	28	1014	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	04	28	1204	A1A	321	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	04	28	1206	A1A	15	RUS	signal M--	Beacon	PM97	JARL

7039	0.5	2014	04	28		1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	28		1622	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	28		1830	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	28		1832	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	28		2210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1020	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1022	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1206	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1208	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1610	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1612	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1706	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1708	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1820	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		1822	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	29		2210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		0954	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		0956	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1208	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1622	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1730	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1732	A1A	15	RUS	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1846	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		1848	A1A	15	non	M-- signal	Beacon	PM97	JARL	
7039	0.5	2014	04	30		2220	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7039.2		2014	4	1	0910		A1A		RUS	F	DAILY, HARBOUR	QG52xi	WIA	VK4TJ

7039.3		2014	4	1	0910	A1A		RUS	M	BEACON DAILY, HARBOUR	QG52xi	WIA	VK4TJ	
7040.0	3	2014	4	11	1805	J3E/U				BEACON ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ	
7040	0.5	2014	04	02		A1A	12:01			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	03		A1A	13:05			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	04		A1A	13:40			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	05		A1A	11:36			train of " F "	PM84UQ	JARL		
7040	0.5	2014	04	06		A1A	13:00			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	07		A1A	10:59			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	08		A1A	11:48			train of " h2fl h2fl h2fl de drvz drvz v "	PM84UQ	JARL		
7040	0.5	2014	04	09		A1A	12:50			train of " M ", " F "	PM84UQ	JARL		
7040	0.5	2014	04	10		A1A	05:42			train of " M ", " F "	PM84UQ	JARL		
7040	0.5	2014	04	10		A1A	11:17			train of " M ", " F "	PM84UQ	JARL		
7040	0.5	2014	04	12		A1A	13:56			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	15		A1A	13:03			train of " M ", " F "	PM84UQ	JARL		
7040	0.5	2014	04	17		A1A	13:00			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	19		A1A	09:50			train of " F ", " M "	PM84UQ	JARL		
7040	0.5	2014	04	20		A1A	12:01			train of " F ", " M "	PM84UQ	JARL		
7043	3	2014	04	21		F1B	1936	non	non	non	now on air	PM97	JARL	
7056.0	5	2014	4	17	1930	G7D					DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG52xi	WIA	VK4TJ
7057.0	5	2014	4	23	1730	G7D					8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7060.0	2	2014	4	3	1940	F1B		1000			CONTINUOUS	QG52xi	WIA	VK4TJ
7060.0	5	2014	4	17	1930	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
7061	3	2014	04	03		F1B	1730	non	non	non	now on air	PM97	JARL	
7061	3	2014	04	08		F1B	1830	non	non	non	IDL only	PM97	JARL	
7070.0	40	2014	4	17	1930	VXX					CODAR	QG52xi	WIA	VK4TJ
7075.0	3	2014	4	11	1805	J3E/U					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
7075	30	2014	04	17	<1925>	P0N	1925		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2014	04	22	<1950>	P0N	1950		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7088.8		2014	4	11	1800	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7090.0	5	2014	4	26	1930	G7D					12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7090.0	5	2014	4	21	2010	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
7090		2014	04	26	<1900>	G7DF	1900-1908		?	Unid	ODFM 12 tone with guard AT3004D Russian modem S4	RF73MF	NZART	ZL1GWE
7091.0	3	2014	4	21	2050	G1D					SLEW 11 AWACS TRAFFIC PER REGION 1	QG52xi	WIA	VK4TJ

7100.0	3	2014	4	1	0925		J3E/U		INS		DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7102.0	5	2014	4	17	0900		G7D				8 SUBCARRIERS ON IRREGULAR INTERVALS	QG52xi	WIA	VK4TJ
7103.0	3	2014	4	26	1930		F1B				ALE	QG52xi	WIA	VK4TJ
7103		2014	04	12	<0817>	0817	G7DF		?	Unid	HF Man Pack 8-PSK S5	RF73MF	NZART	ZL1GWE
7115		2014	04	30	<2055>	2055	G7DF		?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
7119		2014	04	27	<0723>	0723	G7DF		?	Unid	HF Man Pack 8-PSK S4	RF73MF	NZART	ZL1GWE
7120.0	6	2014	4	11	1750		A3E		SOM		RADIO HARGEISA	QG52xi	WIA	VK4TJ
7120	3	2014	04	30		1840	JM	non	non	non	moter boat type JM	PM97	JARL	
7121.0	1	2014	4	4	1940		G7D				3 CLOSELY SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
7122	1	2014	04	21		1940	P0N	non	non	non	pulse mode type dot signal	PM97	JARL	
7125.0	5	2014	4	17	1930		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7126.5	3	2014	4	4	1950		J3E/U				ASIAN, SOUNDS TAGALOG, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
7128.0	5	2014	4	17	1930		G7D				4 SUBCARRIERS ON APPROX 300 HZ INTERVALS + SWEEPER	QG52xi	WIA	VK4TJ
7140	3.3	2014	04	03	<1935>	1935	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7140	3.3	2014	04	10	<1915>	1915	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7141.0	5	2014	4	3	1945		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7143.7	1	2014	4	18	2035		F1B	200			BURSTS	QG52xi	WIA	VK4TJ
7147		2014	04	05	<0645>	0645	G7DF		?	Unid	HF Man Pack 8-PSK S5	RF73MF	NZART	ZL1GWE
7150	40	2014	04	29	<0614>	0614-0920	P0N		CHN	Unid	OTHR 44 pps S9+10 db continous Chinese	RF70BW	NZART	ZL2APV
7152.0	3	2014	4	18	2035		F1B				ALE	QG52xi	WIA	VK4TJ
7153.0	1	2014	4	26	1930		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
7153		2014	04	29	<0614>	0614-1010	P0N		CHN	Unid	OTHR 44 pps S9+10 db continous Chinese	RF73MF	NZART	ZL1GWE
7153		2014	04	26	<1900>	1900-2120	F1B	75 200	RUS	Unid	RTTY CIS-35-50 Inverse 75 Baud Russian S5	RF73MF	NZART	ZL1GWE
7155.0	6	2014	4	23	1725		A3E				SW BROADCAST	QG52xi	WIA	VK4TJ
7155.0	5	2014	4	3	1945		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7156.0	5	2014	4	4	1940		G7D				DOZENS OF SUBCARRIERS ON APPROX 38 HZ INTERVALS	QG52xi	WIA	VK4TJ
7160		2014	04	26	<2036>	2036	G7DF		?	Unid	HF Man Pack PSK-8 S5	RF73MF	NZART	ZL1GWE
7161.6	3	2014	4	21	2015		J3E/U				ASIAN, SOUNDS TAGALOG, FISHBOATS	QG52xi	WIA	VK4TJ
7175		2014	04	26	<1900>	1900-1913	G7D		?	RUS	ODFM 12 tone with guard AT3004D Russian	RF73MF	NZART	ZL1GWE

modem S5

7176.0	5	2014	4	26	1925		G7D			10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7177.5	3	2014	4	3	1945		J3E/U			ASIAN, SOUNDS TAGALOG, FISHBOATS	QG52xi	WIA	VK4TJ
7180.0	40	2014	4	1	0915		P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
7185.0	5	2014	4	3	1945		G1D			BROAD PSK	QG52xi	WIA	VK4TJ
7186		2014	04	06	<0745>	0745	G7DF	?	Unid	HF Man Pack 8-PSK S7	RF73MF	NZART	ZL1GWE
7189		2014	04	12	<0818>	0818	G7DF	?	Unid	HF Man Pack 8-PSK S7	RF73MF	NZART	ZL1GWE
7194.0		2014	4	11	1750		A1A			MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7251		2014	04	27	<0732>	0732	G7DF	?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
10100.0	5	2014	4	12	2020		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
10120.0	5	2014	4	22	1020		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14000.0	5	2014	4	25	0910		G7D			DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14000.0	5	2014	4	14	0845		G1D				QG52xi	WIA	VK4TJ
14000.0	5	2014	4	2	0816		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14000.0	3	2014	4	2	0920		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14000		2014	04	DY	HX	HX	G7DE	?	Unid	HF Man Pack 1, 6, & 8 PSK	RF72LQ	NZART	ZL1BAD
14001		2014	04	05	<0727>	0727	N0N	?	Unid	Carrier S1 constant	RF73MF	NZART	ZL1GWE
14001.5	3	2014	4	2	0720		J3E/U			SPANISH OR PORTUGUESE	QG52xi	WIA	VK4TJ
14002		2014	04	09		<0230-0240>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14002.3	3	2014	4	15	0840		J3E/U			SPANISH OR PORTUGUESE	QG52xi	WIA	VK4TJ
14002.7	3	2014	4	1	2030		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14003.0	5	2014	4	22	0930		G7D			5 SUBCARRIERS ON 200 HZ INTERVALS, IDLING	QG52xi	WIA	VK4TJ
14004		2014	04	16		<0210-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14004.6	3	2014	4	19	2110		J3E/L			SPANISH OR PORTUGUESE	QG52xi	WIA	VK4TJ
14005.0	5	2014	4	2	0925		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14008.0	1	2014	4	9	0730		F1B		250	DAILY	QG52xi	WIA	VK4TJ
14010.0	5	2014	4	17	2125		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14011.1	3	2014	4	11	0855		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14012		2014	04	10		<0325-0335>	J3E/U	CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA	MK82	ARSI	

										LANGUAGE ONLY – 2 OM				
14014		2014	04	05		<0310-0320>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14014.1	3	2014	4	12	0940		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14015.0	3	2014	4	28	1025		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14015.0	5	2014	4	11	0940		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14015.5	3	2014	4	26	0920		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14016.1	3	2014	4	26	0940		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14019		2014	04	21		<0420-0430>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14020.0	5	2014	4	3	0925		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14024.0	1	2014	4	10	0740		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
14024		2014	04	10		<0320-0330>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14024		2014	04	22		<0200-0210>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14025.0	5	2014	4	17	2125		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14025.0	3	2014	4	22	0930		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14028.0	3	2014	4	14	0840		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14032.0	5	2014	4	14	0845		G1D				BURSTS	QG52xi	WIA	VK4TJ
14035.6	3	2014	4	9	0840		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14035.8	3	2014	4	11	0950		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14036.3	3	2014	4	15	0740		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14036.6	3	2014	4	28	0820		J3E/U				SPANISH	QG52xi	WIA	VK4TJ
14040.0	5	2014	4	2	0715		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14040.0	3	2014	4	1	1000		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14040.8	3	2014	4	16	0920		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14044.0	5	2014	4	1	0900		G7D		RUS		12 PAIRS OF SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
14045.0	1	2014	4	28	0755		F1B	300				QG52xi	WIA	VK4TJ
14045.0		2014	4	16	0915		A1A				LETTER CIPHER	QG52xi	WIA	VK4TJ
14045.0	5	2014	4	11	2200		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14045.9	3	2014	4	25	0910		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14045.9	3	2014	4	9	2020		J3E/U				ASIAN	QG52xi	WIA	VK4TJ

14046.0	3	2014	4	26	2135	J3E/U				SPANISH LANGUAGE, RUNNING A PHONE PATCH	QG52xi	WIA	VK4TJ
14046.2	3	2014	4	7	0920	J3E/U				CHINESE, FAMILY NET	QG52xi	WIA	VK4TJ
14046.7	3	2014	4	9	2020	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14047.0	5	2014	4	25	1150	G7D				DOZENS OF CLOSE-SPACED CARRIERS	QG52xi	WIA	VK4TJ
14047.0	3	2014	4	7	0920	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14048.0	3	2014	4	5	0800	J3E/U		PHI		DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14048.8	3	2014	4	22	1210	J3E/L				ASIAN, SOUNDS HINDI	QG52xi	WIA	VK4TJ
14050.0	3	2014	4	27	1210	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14050.0	5	2014	4	2	2030	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	20	2014	4	1	2015	P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14050	10	2014	04	19	<0645>	P0N	0645	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14051.5	3	2014	4	3	2050	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14054.8	3	2014	4	10	0735	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14055.0	5	2014	4	3	0935	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14056.2	3	2014	4	9	0800	J3E/U				SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
14057.0	5	2014	4	25	0905	G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS, BEEP TONE TO START			
14058.0	3	2014	4	25	0910	J3E/U				ASIAN, FOLLOWED G7D, ABOVE	QG52xi	WIA	VK4TJ
14060.0	5	2014	4	2	2010	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14060.0	20	2014	4	19	0625	P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14064.6	3	2014	4	1	0900	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14065.0	5	2014	4	2	1205	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14065.4	3	2014	4	9	0800	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14075.0	3	2014	4	7	0925	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14084		2014	04	13	<0655>	G7DF	0655	?	Unid	HF Man Pack S4 PSK-*	RF73MF	NZART	ZL1GWE
14100.0	5	2014	4	25	0705	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14111.0	3	2014	4	16	0920	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14112.4	3	2014	4	2	1205	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14114.0	3	2014	4	22	0935	J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14115.0	5	2014	4	17	2005	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14116	20	2014	04	28	<2033>	P0N	2033	?	Unid	OTHR HFSWR 40 secs on 7 pps	RF72LQ	NZART	ZL1BAD
14120.0	5	2014	4	17	2010	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14121	10	2014	04	04	<2115>	P0N	2115	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14132	10	2014	04	26	<2122>	P0N	2122	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
14132	20	2014	04	27	<2030>	P0N	2030	?	Unid	OTHR HFSWR 40 secs on 7 pps	RF72LQ	NZART	ZL1BAD
14135.0		2014	4	28	0810	A1A				MIXED NUMBER/LETTER	QG52xi	WIA	VK4TJ

										CIPHER				
14135.0	3	2014	4	14	0850		J3E/L	500			ASIAN	QG52xi	WIA	VK4TJ
14141.0	1	2014	4	25	0915		F1B				CONTINUOUS	QG52xi	WIA	VK4TJ
14145.0	5	2014	4	16	0725		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14148.0		2014	4	16	0920		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14151.2	3	2014	4	2	0720		J3E/L				SPANISH LANGUAGE, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14155	10	2014	04	04	<2115>	2115	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14158	10	2014	04	02	<2145>	2145	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14160.0	5	2014	4	3	0945		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14160.0	20	2014	4	21	0700		P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14160	10	2014	04	03	<2228>	2228	P0N		?	Unid	OTHR 3.8 at variable times 70 pps	RF72LQ	NZART	ZL1BAD
14160	10	2014	04	27	<0020>	0020	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14160	10	2014	04	27	<2205>	2205	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14165	10	2014	04	08	<1955>	1955	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
14165	10	2014	04	09	<0633>	0633	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
14165	20	2014	04	28	<2014>	2014	P0N		?	Unid	OTHR HFSWR 40 secs on 7 pps	RF72LQ	NZART	ZL1BAD
14170	2.4	2014	4	7	1115		P0N	320			OHR	QF22od	WIA	VK3FT
14170	10	2014	04	08	<2220>	2220	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14177	10	2014	04	08	<2225>	2225	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14177.7	3	2014	4	1	0905		J3E/L				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14178	10	2014	04	09	<0613>	0613	P0N		?	Unid	OTHR HFSWR 7 pps	RF72LQ	NZART	ZL1BAD
14180	20	2014	04	27	<2030>	2030	P0N		?	Unid	OTHR HFSWR 40 secs on 7 pps	RF72LQ	NZART	ZL1BAD
14184	10	2014	04	29	<2230>	2230	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14185.0	5	2014	4	13	0640		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14185	10	2014	04	09	<2240>	2240	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14190.8	3	2014	4	28	0810		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14191.0	3	2014	4	25	0710		F1B				ALE	QG52xi	WIA	VK4TJ
14192.0	1	2014	4	1	2035		F1B	400			CONTINUOUS	QG52xi	WIA	VK4TJ
14200	3.3	2014	04	19	<2055>	2055	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14200	3.3	2014	04	20	<2110>	2110	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14200	3.3	2014	04	21	<2100>	2100	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14200	3.3	2014	04	22	<2100>	2100	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14200	3.3	2014	04	26	<2120>	2120	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
14205.0	5	2014	4	19	2115		G7DF					HF MANPACK	QG52xi	WIA

14208.5	3	2014	4	9	0845		J3E/U				ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14221.0	1	2014	4	3	1950		F1B	200			CONTINUOUS	QG52xi	WIA	VK4TJ
14221.0	5	2014	4	1	2040		G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS, IDLING ALE	QG52xi	WIA	VK4TJ
14226.0	3	2014	4	9	0845		F1B					QG52xi	WIA	VK4TJ
14230	0.2	2014	04	27	<1940>	1940	P0N		?	Unid	OTHR HFSWR 40 secs on 7 pps	RF72LQ	NZART	ZL1BAD
14232.1	3	2014	4	1	0905		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14234.5	3	2014	4	14	0850		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14240.0	20	2014	4	28	0815		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14240.0	6	2014	4	14	0850		A3E				SW BROADCAST IN CHINESE OR KOREAN	QG52xi	WIA	VK4TJ
14240	10	2014	04	03	<2230>	2230	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14240	20	2014	04	08	<0805>	0805	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14242.0	3	2014	4	28	0815		F1B				ALE	QG52xi	WIA	VK4TJ
14246	10	2014	04	27	<2205>	2205-2245	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14246	10	2014	04	27	<2310>	2310	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14247	20	2014	04	09	<0605>	0605-0630	P0N		?	Unid	OTHR Continuous 60 pps S9+	RF72LQ	NZART	ZL1BAD
14250.0	5	2014	4	10	0750		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14253.0	1	2014	4	3	0945		F1B	250			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14263.0	1	2014	4	12	0820		F1B	250			DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14272	10	2014	04	02	<2150>	2150	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14277	10	2014	04	02	<2150>	2150	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14277	10	2014	04	03	<2140>	2140	P0N		?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14285	10	2014	04	01	<2340>	2340	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14285	10	2014	04	09	<2225>	2225	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14288	10	2014	04	03	<2230>	2230	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14290.0	3	2014	4	15	0850		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14292.0	5	2014	4	28	0815		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
14300.0		2014	4	8	1020		A1A				MIXED NUMBER/LETTER CIPHER, LOTS NON-ENGLISH CHAR	QG52xi	WIA	VK4TJ
14300.0	3	2014	4	14	0855		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14302	10	2014	04	26	<2240>	2240-2359	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14302	10	2014	04	27	<0020>	0020	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD

14304.0	1	2014	4	1	0910		F1B	HIGH	250		CONTINUOUS	QG52xi	WIA	VK4TJ	
14305.0	5	2014	4	22	0940		G7D				100'S OF CLOSE=SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ	
14307	10	2014	04	12	<2315>	2315	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14308	10	2014	04	01	<2345>	2345	P0N			?	Unid	OTHR 3.7 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14308	10	2014	04	13	<0443>	0443	P0N			?	Unid	OTHR 25 secs 10 HFWSR	RF72LQ	NZART	ZL1BAD
14308	10	2014	04	28	<0001>	0001	P0N			?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14312	10	2014	04	10	<2220>	2220	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14312.8	3	2014	4	8	1025		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14318.0	3	2014	4	15	0850		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14321.5	3	2014	4	10	0750		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14322	10	2014	04	09	<2235>	2235	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14323	10	2014	04	01	<2340>	2340	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14323	10	2014	04	06	<2140>	2140	P0N			?	Unid	OTHR 5.3 every 25 secs 50 pps	RF72LQ	NZART	ZL1BAD
14323	10	2014	04	16	<2215\	2215	P0N			?	Unid	OTHR Not measured -- one only	RF72LQ	NZART	ZL1BAD
14326	10	2014	04	29	<2225>	2225	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14327	10	2014	04	26	<2122>	2122	P0N			?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
14330	10	2014	04	03	<2230>	2230	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14330	10	2014	04	09	<2240>	2240	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14340.0	20	2014	4	7	0905		P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14340	10	2014	04	DY	</2040>	2040	P0N			?	Unid	OTHR Starts every day at approx. 2040. 10k wide.	RF72LQ	NZART	ZL1BAD
14340	10	2014	04	02	<2145>	2145	P0N			?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
14340	10	2014	04	13	<2340>	2340	P0N			?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14345.0	5	2014	4	1	2040		G1D					DAILY,'+ BEEP TONE, REPETITIVE	QG52xi	WIA	VK4TJ
14345		2014	04	DY	<0945>	0945-2300	P0N			?	Unid	Burst of 3 secs every 5 secs	RF72LQ	NZART	ZL1BAD
14370.0	50	2014	4	19	2120		P0N					OTHR, BURSTS, ALTERNATES 2 HEADINGS & 2 PULSE RATES	QG52xi	WIA	VK4TJ
18068		2014	04	DY	HX	HX	G7DE/F			?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
18070.0	20	2014	4	23	0920		P0N					OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
18075.0	5	2014	4	14	0815		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ

18080.0	5	2014	4	19	2015		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
18081		2014	04	18	<0650>	0650	G7DF				?	Unid			HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
18148.3	3	2014	4	28	0820		J3E/L								TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
21000.0	5	2014	4	25	0830		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21000.0	3	2014	4	1	0830		J3E/U								ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21000.0	50	2014	4	6	0550		P0N								OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21000		2014	04	DY	HX	HX	G7DE/F					?	Unid		HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
21001		2014	04	06	<0720>	0720	F1B	100	154	330	?	RUS			Russian T-219 Yachta voice scrambler normally ISB mode S3	RF73MF	NZART	ZL1GWE
21001		2014	04	12	<0749>	0749	F1B	100	154	33	?	RUS			Russian T-219 Yachta voice scrambler normally ISB mode S2	RF73MF	NZART	ZL1GWE
21001.5	1	2014	4	1	0830		F1B		150							QG52xi	WIA	VK4TJ
21010.0	5	2014	4	1	1215		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21010		2014	04	25	<0330>	0330	G7DF					?	Unid		HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21011		2014	04	25	<0330>	0330	G7DF					?	Unid		HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21011.2	3	2014	4	1	1210		J3E/U								ASIAN	QG52xi	WIA	VK4TJ
21015.0	5	2014	4	1	1210		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21037		2014	04	25	<0331>	0331	G7DF					?	Unid		HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21040.0	5	2014	4	13	0435		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21043		2014	04	06	<0555>	0555	G7DF					?	Unid		HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21045.0	5	2014	4	6	0750		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21046		2014	04	06	<0544>	0544	G7DF					?	Unid		HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21050.0	5	2014	4	12	0130		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	5	2014	4	6	0545		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	3	2014	4	2	0950		J3E/U								SOUNDS RUSSIAN	QG52xi	WIA	VK4TJ
21056.9	3	2014	4	15	0640		J3E/U								ASIAN	QG52xi	WIA	VK4TJ
21058		2014	04	25	<0334>	0334	G7DF					?	Unid		HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21060.0	5	2014	4	13	0435		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21065.0	5	2014	4	12	0030		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21065		2014	04	06	<0555>	0555	G7DF					?	Unid		HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21067		2014	04	06	<0801>	0801	G7DF					?	Unid		HF Man pack 8PSK S1	RF73MF	NZART	ZL1GWE
21070.0	5	2014	4	6	0020		G7DF								HF MANPACK	QG52xi	WIA	VK4TJ
21087	10	2014	04	09	<0615>	0615	P0N					?	Unid		OTHR Weak - not measured	RF72LQ	NZART	ZL1BAD
21089	10	2014	04	09	<0325>	0325	P0N					?	Unid		OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21099		2014	04	06	<0801>	0801	G7DF					?	Unid		HF Man pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21100	10	2014	04	01	<0259>	0259-0310	P0N					?	Unid		OTHR Continuous 50 pps Finished at 0310	RF72LQ	NZART	ZL1BAD
21100.2	3	2014	4	7	0940		J3E/U								ASIAN	QG52xi	WIA	VK4TJ
21106	10	2014	04	30	<0001>	0001	P0N					?	Unid		OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21110.0	50	2014	4	8	0815		P0N								BURSTS	QG52xi	WIA	VK4TJ
21111.1	3	2014	4	24	2345		J3E/L								BAHASA OR TAGALOG	QG52xi	WIA	VK4TJ

21112.1	3	2014	4	2	0955		J3E/L			DAILY, SOUNDS SIMILAR TO ARABIC	QG52xi	WIA	VK4TJ
21115		2014	04	06	<0800>	0800	G7DF	?	Unid	HF Man pack 8-PSK S4	RF73MF	NZART	ZL1GWE
21115	10	2014	04	08	<0750>	0750-0800	P0N	?	Unid	OTHR 5.3 every 25 secs 50 pps	RF72LQ	NZART	ZL1BAD
21122		2014	04	25	<0334>	0334	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21122	10	2014	04	30	<0345>	0345	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21123		2014	04	06	<0555>	0555	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21124		2014	04	25	<0329>	0329	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21127	15	2014	04	16	<0705>	0705	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21129	10	2014	04	25	<0155>	0155-0210	P0N	?	Unid	OTHR 5.3 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21130.0	20	2014	4	16	0935		P0N			BURSTS	QG52xi	WIA	VK4TJ
21130	20	2014	04	08	<0750>	0750	P0N	?	Unid	OTHR Continuous 100pps	RF72LQ	NZART	ZL1BAD
21131	10	2014	04	23	<0742>	0742	P0N	?	Unid	OTHR 3.8 every 35 secs 40 pps	RF72LQ	NZART	ZL1BAD
21135	10	2014	04	08	<0758>	0758	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21138		2014	04	25	<0328>	0328	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21140.0	5	2014	4	15	1000		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21142		2014	04	06	<0555>	0555	G7DF	?	Unid	HF Man pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21142		2014	04	12	<0750>	0750	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21147		2014	04	06	<0804>	0804	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21148		2014	04	27	<0157>	0157	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21148		2014	04	27	<0334>	0334	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21152		2014	04	25	<0331>	0331	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21153		2014	04	06	<0555>	0555	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21153		2014	04	27	<9333>	0333	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21157		2014	04	06	<0803>	0803	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21158	10	2014	04	18	<0115>	0115	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21159		2014	04	25	<0336>	0336	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21160.0	20	2014	4	10	0800		P0N			BURSTS	QG52xi	WIA	VK4TJ
21170		2014	04	12	<0750>	0750	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21171		2014	04	25	<0335>	0335	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21172		2014	04	18	<0756>	0756	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21174		2014	04	06	<0801>	0800	G7DF	?	Unid	HF Man pack 8-PSK S4	RF73MF	NZART	ZL1GWE
21175		2014	04	06	<0548>	0548	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21178		2014	04	25	<0329>	0329	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21180	10	2014	04	03	<0005>	0005	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21184.0	1	2014	4	2	1005		F1B	200		CONTINUOUS	QG52xi	WIA	VK4TJ
21184		2014	04	27	<0333>	0333	G7DF	?	uNID	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21185.0	5	2014	4	2	1005		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21186		2014	04	25	<0335>	0335	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE

21188		2014	04	25	<0331>	0331	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21190		2014	04	25	<0329>	0329	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21193	10	2014	04	08	<2250>	2250-2315	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21200		2014	04	06	<0547>	0547	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21200	1k	2014	04	18	<0105>	0105-0128\	P0N	?	Unid	1k spacing. On\Off 1 sec. Similar to Pactor. No calls.	RF72LQ	NZART	ZL1BAD
21206	10	2014	04	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21209		2014	04	18	<0808>	0808	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21210.0	10	2014	4	10	0800		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21210	10	2014	04	21	<0108>	0108	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21211	10	2014	04	08	<0405>	0405	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21212	10	2014	04	17	<0638>	0638	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21212	10	2014	04	18	<0601>	0601	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21212		2014	04	20	<0043>	0043	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21212	10	2014	04	26	<0608>	0608	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21212	10	2014	04	29	<2325>	2325	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215.0	10	2014	4	27	0600		P0N			OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21215.0	40	2014	4	15	1000		VXX			PRECURSOR TO	QG52xi	WIA	VK4TJ
21215	10	2014	04	08	<2311>	2311	P0N	?	Unid	OTHR OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215	10	2014	04	20	<0235>	0235	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215	10	2014	04	21	<0115>	0115	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21215	10	2014	04	23	<2323>	2323	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21217	10	2014	04	30	<0436>	0436	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	04	05	<0418>	0418	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	04	03	<0015>	0015	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	04	08	<2220>	2220	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	04	22	<2210>	2210	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21220	10	2014	04	23	<0735>	0735	P0N	?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21222	10	2014	04	20	<0230>	0230	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21223	10	2014	04	10	<0350>	0350-0610	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD

21223	10	2014	04	12	<0420>	0420	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	04	22	<2208>	2208	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	04	23	<2319>	2319	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21225	10	2014	04	30	<0430>	0430	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21226	10	2014	04	01	<0309>	0309	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21226	10	2014	04	17	<2205>	2205	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21226	10	2014	04	18	<0208>	0208	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21227		2014	04	25	<0543>	0543	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21228	10	2014	04	02	<0512>	0512	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21228	10	2014	04	24	<2321>	2321	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21228	10	2014	04	29	<0142>	0142	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21229	10	2014	04	09	<0405>	0405	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	04	14	<0245>	0245	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	04	14	<0438>	0438	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	04	18	<0307>	0307	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21230	10	2014	04	28	<0340>	0340	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	04	21	<0137>	0137	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21232	10	2014	04	28	<0400>	0400	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21233	10	2014	04	17	<2350>	2350	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21233	10	2014	04	19	<0428>	0428	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21234		2014	04	20	<0046>	0046	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21234	10	2014	04	25	<0212>	0212	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21235	10	2014	04	02	<0325>	0325	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21235	10	2014	04	03	<0246>	0246	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21235	10	2014	04	16	<0716>	0716	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21236	10	2014	04	30	<0001>	0001	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21236	10	2014	04	22	<2312>	2312	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21237	10	2014	04	14	<0100>	0100	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD

21238	10	2014	04	28	<0100>	0100	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	04	18	<0122>	0122	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	04	22	<2235>	2235	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	04	23	<2314>	2314	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	04	05	<0315>	0315	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	04	08	<0155>	0155	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	04	19	<2330>	2330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	04	22	<2308>	2308	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	04	28	<0335>	0335	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	04	29	<0142>	0142	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	04	19	<0405>	0405	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21245	10	2014	04	27	<0245>	0245	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21246	10	2014	04	11	<0609>	0609	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21246	10	2014	04	22	<2218>	2218	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21248	10	2014	04	13	<0435>	0435	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21249	10	2014	04	29	<0615>	0615	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	04	12	<2304>	2304	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	04	22	<0335>	0335	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21251	10	2014	04	25	<2309>	2309	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21251	10	2014	04	26	<0050>	0050	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21252	10	2014	04	19	<0330>	0330	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21252	10	2014	04	24	<2315>	2315	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21253		2014	04	25	<0544>	0544	G7DF	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21254	10	2014	04	22	<2353>	2353	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21256	20	2014	04	27	<0220>	0220-0233\	P0N	?	Unid	OTHR Continuous 30 pps Off at 0233	RF72LQ	NZART	ZL1BAD
21256	10	2014	04	28	<0447>	0447	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21256	10	2014	04	30	<0455>	0455	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21256	10	2014	04	09	<0617>	0617	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD

21260	10	2014	04	28	<0315>	0315	P0N			?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD	
21263		2014	04	12	<0757>	0757-0818	F1B	75	250	330	?	RUS	RTTY F1B S3 CIS-36-50 Inverse confirmed	RF73MF	NZART	ZL1GWE
21263	10	2014	04	22	<0420>	0420-0610	P0N				?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	04	17	<0415>	0415-0445	P0N				?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	04	21	<0131>	0131	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	04	22	<2302>	2302	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21270	20	2014	04	28	<0735>	0735-0745	P0N				?	Unid	OTHR Continuous 50 pps S9+	RF72LQ	NZART	ZL1BAD
21272	10	2014	04	10	<0235>	0235	P0N				?	Unid	OTHR 6.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21272	10	2014	04	22	<0340>	0340	P0N				?	Unid	OTHR 3.8 every 35 secs 70 pps Started at 0338	RF72LQ	NZART	ZL1BAD
21272	10	2014	04	22	<0605>	0605-0745	P0N				?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21273		2014	04	25	<0542>	0542	G7DF				?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21275	10	2014	04	09	<0749>	0749	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21275	10	2014	04	08	<0402>	0402	P0N				?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21275	10	2014	04	19	<0418>	0418-0425	P0N				?	Unid	OTHR 6 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21277	10	2014	04	26	<0345>	0345	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21282	10	2014	04	29	<0615>	0615	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21283	10	2014	04	22	<2320>	2320	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21285	10	2014	04	05	<0616>	0616	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21285	10	2014	04	12	<2322>	2322	P0N				?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21286		2014	04	18	<0757>	0756	G7DF				?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21292		2014	04	20	<0042>	0042	G7DF				?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21293	10	2014	04	23	<0415>	0415	P0N				?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	04	04	<0645>	0645	P0N				?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	04	22	<0210>	0210	P0N				?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	04	22	<0605>	0605	P0N				?	Unid	OTHR Groups Of 3, about 1 sec apart, variable timing between, 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	04	24	<0435>	0435	P0N				?	Unid	OTHR 2 bursts Of 1.8 each at variable times 70 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	04	27	<0240>	0240	P0N				?	Unid	OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD

21297	10	2014	04	23	<0735>	0735	P0N		?	Unid	on 7 pps OTHR 5.3 every 35 secs	RF72LQ	NZART	ZL1BAD
21298	10	2014	04	28	<0408>	0408	P0N		?	Unid	50 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21303		2014	04	20	<0041>	0041	G7DF		?	Unid	50 pps HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21303	10	2014	04	28	<0405>	0405	P0N		?	Unid	OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21307	10	2014	04	28	<0408>	0408	P0N		?	Unid	50 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21308	10	2014	04	18	<0125>	0125	P0N		?	Unid	50 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21308	10	2014	04	21	<0520>	0520	P0N		?	Unid	50 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21308	10	2014	04	29	<0403>	0403	P0N		?	Unid	50 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21310	20	2014	04	08	<0752>	0752	P0N		?	Unid	50 pps OTHR Continuous - finished at 0752	RF72LQ	NZART	ZL1BAD
21312	10	2014	04	22	<0338>	0338	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps Started at 0338	RF72LQ	NZART	ZL1BAD
21314	10	2014	04	28	<0730>	0730	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21314	10	2014	04	29	<0425>	0425	P0N		?	Unid	OTHR Not analysed Fin at 042.5	RF72LQ	NZART	ZL1BAD
21317	10	2014	04	14	<0240>	0240	P0N		?	Unid	OTHR 5.3 every 30 sec	RF72LQ	NZART	ZL1BAD
21318.0	1	2014	4	7	0950		F1B	600			s 50 pps DAILY, BURSTS	QG52xi	WIA	VK4TJ
21330.0	20	2014	4	5	0115		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21331	10	2014	04	09	<0740>	0740	P0N		?	Unid	OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21335	10	2014	04	27	<0238>	0238	P0N		?	Unid	50 pps OTHR 1.8 every 30 secs	RF72LQ	NZART	ZL1BAD
21335	10	2014	04	03	<0015>	0015	P0N		?	Unid	70 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21335	10	2014	04	09	<0400>	0400	P0N		?	Unid	50 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21338	10	2014	04	09	<0740>	0740	P0N		?	Unid	50 pps OTHR 6.3 every 30 secs	RF72LQ	NZART	ZL1BAD
21340.0	20	2014	4	6	0500		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21342	10	2014	04	09	<0740>	0740	P0N		?	Unid	secs 70 pps OTHR 3.8 every 30	RF72LQ	NZART	ZL1BAD
21342		2014	04	18	<0806>	0806	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21345.5	5	2014	04	06	<0726.	0726	P0N		?	AUS	OTHR 60 pps S4 1.85 second bursts with centre pip Australian	RF73MF	NZART	ZL1GWE
21349	10	2014	04	06	<0625>	0625-0629	P0N		?	Unid	OTHR 1.9 every 15 secs 70 pps Off at 0629	RF72LQ	NZART	ZL1BAD
21352	10	2014	04	23	<0745>	0745	P0N		?	Unid	OTHR 5.3 every 35 secs	RF72LQ	NZART	ZL1BAD
21356	10	2014	04	30	<2250>	2250	P0N		?	Unid	50 pps OTHR 3.8 every 30	RF72LQ	NZART	ZL1BAD
21360	10	2014	04	08	<0400>	0400	P0N		?	Unid	secs 70 pps OTHR 5.3 every 30 secs	RF72LQ	NZART	ZL1BAD

21360	10	2014	04	14	<0050>	0050	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21366	10	2014	04	29	<2250>	2250-2330	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21367		2014	04	18	<0759>	0759	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
21372	10	2014	04	07	<0250>	0250	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21372		2014	04	27	<0333>	0333	P0N	?	Unid	HF Man Pack 8-PSK S1	RF73MF	NZART	ZL1GWE
21372	10	2014	04	28	<0330>	0330-0355	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21375	10	2014	04	14	<0240>	0240	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21375	10	2014	04	19	<0405>	0405	P0N	?	Unid	OTHR Not analysed Fin at 0405	RF72LQ	NZART	ZL1BAD
21378	10	2014	04	10	<0235>	0235	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21380	10	2014	04	13	<0435>	0435	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21380	10	2014	04	13	<2255>	2255	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21380	10	2014	04	22	<0210>	0210-0215	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21382	10	2014	04	04	<0253>	0253	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21382	10	2014	04	23	<0745>	0745	P0N	?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21383	10	2014	04	28	<0335>	0335-0400	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21388	10	2014	04	01	<0455>	0455-0635	P0N	?	Unid	OTHR 6.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21390	10	2014	04	05	<0420>	0420	P0N	?	Unid	OTHR 6.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21390	10	2014	04	22	<0610>	0610	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
21396	10	2014	04	23	<0405>	0405	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21398	10	2014	04	18	<0120>	0120	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21400	10	2014	04	07	<0250>	0250	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21400	10	23014	04	19	<0405>	0405-0410	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21408	10	2014	04	30	<0345>	0345	P0N	?	Unid	OTHR 5.3 every 35 secs 50 pps	RF72LQ	NZART	ZL1BAD
21410	10	2014	04	01	<0455>	0455-0635	P0N	?	Unid	OTHR 5.3 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21410	20	2014	04	18	<0759>	0759	P0N	?	CYP	OTHR Cyprus S6 50 PPS Continuous	RF73MF	NZART	ZL1GWE
21415	10	2014	04	05	<0615>	0615	P0N	?	Unid	OTHR 5.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21430.0	20	2014	4	16	0940		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21433.0	5	2014	4	14	0925		G1D			REGULAR BURSTS	QG52xi	WIA	VK4TJ
21438.0		2014	4	15	1000		A1A	UKR	RCV		QG52xi	WIA	VK4TJ
21460.0	20	2014	4	4	0805		P0N			OTHR	QG52xi	WIA	VK4TJ

24870.0	100	2014	4	2	0715		P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
24890.0	5	2014	4	24	2250		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
24895.0	5	2014	4	21	2250		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
24896		2014	04	25	<0344>	0344	G7DF		?	Unid	HF Man Pack 8-PSK S3	RF73MF	NZART	ZL1GWE
24897.5	8	2014	4	25	0015		F3E				ASIAN	QG52xi	WIA	VK4TJ
24900.0	20	2014	4	27	0900		P0N				OTHR	QG52xi	WIA	VK4TJ
24900.0	6	2014	4	22	0555		A3E				ASIAN	QG52xi	WIA	VK4TJ
24900		2014	04	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8	RF72LQ	NZART	ZL1BAD
24900	20	2014	04	13	<0718>	0718-0723	P0N		?	CYP	OTHR Continuous 50 pps switched to 25 pps mode S6	RF73MF	NZART	ZL1GWE
24912.5	6	2014	4	25	0005		A3E				ASIAN	QG52xi	WIA	VK4TJ
24915.0	6	2014	4	25	0005		A3E				ASIAN	QG52xi	WIA	VK4TJ
24925.0	8	2014	4	1	0830		F3E				ASIAN	QG52xi	WIA	VK4TJ
24930.0	100	2014	4	2	0715		P0N				OTHR, SLOW PULSE	QG52xi	WIA	VK4TJ
24935.0	6	2014	4	1	0830		A3E				ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2014	4	25	0005		A3E				ASIAN	QG52xi	WIA	VK4TJ
24950.0	6	2014	4	15	0950		A3E				ASIAN	QG52xi	WIA	VK4TJ
24955.0	8	2014	4	1	0830		F3E				ASIAN	QG52xi	WIA	VK4TJ
24962.5	6	2014	4	25	0000		A3E				ASIAN	QG52xi	WIA	VK4TJ
24965.0	6	2014	4	9	0855		A3E				ASIAN	QG52xi	WIA	VK4TJ
24970.0	5	2014	4	25	0000		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
24970.0	6	2014	4	10	0905		A3E				ASIAN	QG52xi	WIA	VK4TJ
24975.0	6	2014	4	25	0000		A3E				ASIAN	QG52xi	WIA	VK4TJ
24980.0	40	2014	4	5	0110		VXX				CODAR	QG52xi	WIA	VK4TJ
24987.5	6	2014	4	24	2355		A3E				ASIAN	QG52xi	WIA	VK4TJ
28000.0	8	2014	4	5	0105		F3E				ASIAN	QG52xi	WIA	VK4TJ
28000		2014	04	DY	HX	HX	F3E/A3E		CHN	Unid	Non Amateurs Chinese CB'ers every 5 K, when band is open	RF72LQ	NZART	ZL1BAD
28000		2014	04	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 6 & 8	RF72LQ	NZART	ZL1BAD
28000		2014	04	DY	HX	HX	G7DE		?	Unid	HF Man Pack 1 PSK	RF72LQ	NZART	ZL1BAD
28000.2		2014	4	21	2255		A1A			4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	6	2014	4	5	0025		A3E				SPANISH SPEAKERS, ECHO MIKES, ROGER BEEPS	QG52xi	WIA	VK4TJ
28005.0	6	2014	4	1	0825		A3E				ASIAN	QG52xi	WIA	VK4TJ
28008.4		2014	4	20	0605		A1A			4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28015.0	6	2014	4	12	2210		A3E				SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
28015.0	6	2014	4	1	0730		A3E				ASIAN	QG52xi	WIA	VK4TJ
28020.0	100	2014	4	21	0230		P0N		IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ
28022		2014	04	21	<0424>	0424	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28025.0	8	2014	4	1	0730		F3E				ASIAN	QG52xi	WIA	VK4TJ
28027.8	6	2014	4	19	2000		A3E				SPANISH LANGUAGE	QG52xi	WIA	VK4TJ

28030.0	5	2014	4	22	0515		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
28035.0	6	2014	4	1	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28035.0	6	2014	4	2	1025		A3E			SPANISH LANGUAGE, BAND OPEN TO CENTRAL & SOUTH AMERICA	QG52xi	WIA	VK4TJ	
28040.0	6	2014	4	24	2120		A3E			SPANISH LANGUAGE, BAND OPEN TO CENTRAL & SOUTH AMERICA	QG52xi	WIA	VK4TJ	
28040.0	5	2014	4	19	2145		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
28040.0	100	2014	4	1	0955		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ	
28045.0	100	2014	4	21	2345		A3E			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ	
28049.6		2014	4	18	2110		A1A		DC	DRIFTNET BEACON	QG52xi	WIA	VK4TJ	
28050.0	1	2013	4	4	2150		F1B	300		BURSTS	QG52xi	WIA	VK4TJ	
28050.0	8	2014	4	1	0825		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28050.0	5	2014	4	4	2150		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
28050		2014	04	06	<0719>	0719	A3E		?	CHN	Non Amateur S3 Chinese	RF73MF	NZART	ZL1GWE
28055.0	6	2014	4	1	0730		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28055.0	3	2014	4	18	2350		J3E/U			US TRUCKERS	QG52xi	WIA	VK4TJ	
28059.8		2014	4	5	2220		A1A		DC	DRIFTNET BEACON	QG52xi	WIA	VK4TJ	
28060.2	1	2014	4	5	2220		F1B	350		BURSTS	QG52xi	WIA	VK4TJ	
28062.5	6	2014	4	5	0945		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28064.0	3	2014	4	5	2140		A3E			SPANISH SPEAKERS - ECHO MIKES	QG52xi	WIA	VK4TJ	
28065.0	6	2014	4	1	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28067.5	6	2014	4	25	0750		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28070.0	6	2014	4	1	0730		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28075.0	6	2014	4	1	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28075.0	3	2014	4	6	0025		J3E/U			SPANISH SPEAKERS - SOUNDS LIKE PHONE PATCH	QG52xi	WIA	VK4TJ	
28080	50	2014	04	09	<0330>	0330	P0N		?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28081		2014	04	20	<0414.	0414	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28085.0	6	2014	4	21	2350		A3E			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ	
28085.0	6	2014	4	1	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28087.5	6	2014	4	5	0950		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28100.0	8	2014	4	1	0730		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28100.0	100	2014	4	1	0730		P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ	
28105.0	6	2014	4	1	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28112.5	6	2014	4	5	0950		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28115.0	6	2014	4	1	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28125.0	6	2014	4	1	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28125		2014	04	13	<0728>	0728	N0N		?	Unid	Carrier S3 N0N continuous	RF73MF	NZART	ZL1GWE

28130	50	2014	04	09	<0330>	0330	P0N		?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28135.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28135	50	2014	04	01	<0640>	0640	P0N		?	Unid	Spread all over lower part of 10mmx	RF72LQ	NZART	ZL1BAD
28137.5	6	2014	4	2	1025		A3E				ASIAN	QG52xi	WIA	VK4TJ
28138.0	1	2014	4	22	2335		F1B	200			REPETITIVE BURSTS, NO BREAKS	QG52xi	WIA	VK4TJ
28145.0	6	2014	4	1	0820		A3E				ASIAN	QG52xi	WIA	VK4TJ
28149		2014	04	20	<0604>	0604	G7DF		?	Unid	HF Man Pack 8-PSK S2	Rf73MF	NZART	ZL1GWE
28150.0	1	2014	4	5	2315		F1B	300			REPETITIVE BURSTS	QG52xi	WIA	VK4TJ
28150.0	8	2014	4	1	0735		F3E				ASIAN	QG52xi	WIA	VK4TJ
28150.0	5	2014	4	5	2320		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
28150		2014	04	20	<0412.	0412	F3E		?	CHN	Non Amateurs S3	RF73MF	NZART	ZL1GWE
28151.4	3	2014	4	1	0735		J3E/U				Chinese			
28155.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28162.5	6	2014	4	5	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28169.5	1	2014	4	5	0020		G1D				BURSTS	QG52xi	WIA	VK4TJ
28172		2014	04	20	<0424>	0424	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28175.0	8	2014	4	1	0735		F3E				ASIAN	QG52xi	WIA	VK4TJ
28179		2014	04	20	<0558>	0558	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28181.5	1	2014	4	1	0820		F1B	100			CONTINUOUS IDLE SIGNAL	QG52xi	WIA	VK4TJ
28185.0	8	2014	4	1	0735		F3E				ASIAN	QG52xi	WIA	VK4TJ
28187.5	8	2014	4	2	1025		F3E				ASIAN	QG52xi	WIA	VK4TJ
28189		2014	04	20	<0614>	0614	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28193		2014	04	21	<0418>	0418	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28195.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28196		2014	04	20	<0554>	0554	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28200.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	4	9	0915		F3E				ASIAN	QG52xi	WIA	VK4TJ
28200	50	2014	04	01	<0640>	0640	P0N		?	Unid	" " " "	RF72LQ	NZART	ZL1BAD
28205.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28210	50	2014	04	09	<0330>	0330	P0N		?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28212.5	6	2014	4	1	0820		A3E				ASIAN	QG52xi	WIA	VK4TJ
28214.8	3	2014	4	5	2325		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	4	1	0735		A3E				ASIAN	QG52xi	WIA	VK4TJ
28220.0		2014	4	21	0930		A1A			L21	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28225.0	6	2014	4	21	2355		A3E				SPANISH LANGUAGE, SPANISH MUSIC	QG52xi	WIA	VK4TJ
28225.0	8	2014	4	1	0820		F3E				ASIAN	QG52xi	WIA	VK4TJ
28225		2014	04	20	<0557>	0557	F3E		?	Unid	Non Amateur S4	RF73MF	NZART	ZL1GWE
28230.0	6	2014	4	4	0900		A3E				Chinese			
											ASIAN	QG52xi	WIA	VK4TJ

28235.0	6	2014	4	1	0735		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28237.5	6	2014	4	5	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28245.0	6	2014	4	1	0735		A3E			SPANISH SPEAKER	QG52xi	WIA	VK4TJ	
28245.0	6	2014	4	4	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28248	50	2014	04	09	<0330>	0330	P0N		?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28250.0	8	2014	4	1	0820		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28254		2014	04	21	<0419>	0419	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28254.7	3	2014	4	5	0025		J3E/U			SPANISH SPEAKER	QG52xi	WIA	VK4TJ	
28255.0	6	2014	4	1	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28262.5	6	2014	4	5	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28265.0	6	2014	4	1	0735		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28275.0	6	2014	4	1	0820		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28276.0	1	2014	4	6	0030		F1B	300		BURSTS	QG52xi	WIA	VK4TJ	
28280	50	2014	04	01	<0640>	0640	P0N		?	Unid	" " " "	RF72LQ	NZART	ZL1BAD
28285.0	6	2014	4	1	0735		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28287.5	8	2014	4	5	1015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28290.0	5	2014	4	21	2225		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
28295.0	6	2014	4	12	0930		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28300.0	6	2014	4	10	0925		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28305.0	6	2014	4	24	2125		A3E			SPANISH SPEAKER	QG52xi	WIA	VK4TJ	
28305.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28312.5	6	2014	4	5	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28315.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28318	50	2014	04	09	<0330>	0330	P0N		?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28325.0	8	2014	4	1	0740		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28335.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28337.5	6	2014	4	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28345.0	6	2014	4	12	2215		A3E			SPANISH SPEAKER	QG52xi	WIA	VK4TJ	
28350.0	8	2014	4	1	0740		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28355.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28362.5	6	2014	4	5	1025		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28365.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28375.0	8	2014	4	1	0740		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28385.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28395.0	6	2014	4	4	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28400.0	6	2014	4	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28405.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28405	20	2014	04	28	<0330>	0330	P0N		?	Unid	Continuous 50 pps S9+	RF72LQ	NZART	ZL1BAD
28412.5	6	2014	4	9	0915		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28415.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28415	50	2014	04	01	<0640>	0640	P0N		?	Unid	" " " "	RF72LQ	NZART	ZL1BAD
28420.0	6	2014	4	25	0800		A3E			ASIAN	QG52xi	WIA	VK4TJ	

28425.0	8	2014	4	1	0740		F3E			ASIAN	QG52xi	WIA	VK4TJ
28430	50	2014	04	09	<0330>	0330	P0N	?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28435.0	6	2014	4	4	0900		A3E			ASIAN	QG52xi	WIA	VK4TJ
28437.5	6	2014	4	22	0520		A3E			ASIAN	QG52xi	WIA	VK4TJ
28440.0	6	2014	4	2	1025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28444		2014	04	06	<0716>	0716	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28450.0	6	2014	4	7	1010		A3E			ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2014	4	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ
28460	7.5	2014	4	13	0415		P0N	NW		OHR	QF22od	WIA	VK3FT
28465.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
28465.0	5	2014	4	6	0850		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28475.0	8	2014	4	2	1025		F3E			ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2014	4	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2014	4	6	0850		A3E			ASIAN	QG52xi	WIA	VK4TJ
28495.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
28500.0	6	2014	4	6	0850		A3E			ASIAN	QG52xi	WIA	VK4TJ
28500	100	2014	4	14	0900		P0N	300		OHR		WIA	VK3HV
28500	50	2014	04	12	<0410>	0410	P0N	?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28505.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
28509		2014	04	13	<0620>	0620	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF72MF	NZART	ZL1GWE
28512	82	2014	04	13	<0317>	0317-0618	P0N	?	IRN	OTHR Iranian 309/870 pps 5.8s/3.5s 1.2s gaps S2 to S1	RF73MF	NZART	ZL1GWE
28512.5	6	2014	4	5	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2014	4	2	1020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28520.0	100	2014	4	13	0850		P0N	IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ
28525.0	8	2014	4	1	0815		F3E			ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2014	4	6	0830		A3E			ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2014	4	9	0915		A3E			ASIAN	QG52xi	WIA	VK4TJ
28550.0	5	2014	4	5	0030		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28550.0	3	2014	4	4	1015		J3E/L			ASIAN	QG52xi	WIA	VK4TJ
28550.0	100	2014	4	19	0605		P0N	IRI		IRANIAN OTHR	QG52xi	WIA	VK4TJ
28555.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
28562.5	6	2014	4	6	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	4	1	0740		A3E			ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	4	1	0740		F3E			ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2014	4	1	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
28587.5	6	2014	4	1	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2014	4	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2014	4	5	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ
28600		2014	04	20	<0704>	0704	F3E	?	CHN	Non Amateurs S3 Chinese	RF73MF	NZART	ZL1GWE
28605.0	6	2014	4	1	0815		A3E			ASIAN	QG52xi	WIA	VK4TJ

28612.5	6	2014	4	13	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28615.0	6	2014	4	1	0815	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28615.0	5	2014	4	6	0800	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
28625.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28630.0	100	2014	4	15	'0935	P0N		IRI	IRANIAN OTHR	QG52xi	WIA	VK4TJ	
28635.0	6	2014	4	1	0815	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28637.5	6	2014	4	6	0540	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28638	50	2014	04	28	<0330>	P0N	0330	?	Unid	Multiple tones at various freqs.	RF72LQ	NZART	ZL1BAD
28645.0	6	2014	4	1	0815	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28650.0	6	2014	4	6	0540	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28655.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28662.5	6	2014	4	6	0540	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28665.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28670.0	6	2014	4	1	0815	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28670	20	2014	04	12	<0605>	P0N	0605-0620	?	Unid	OTHR Continuous 50 pps S9+	RF72LQ	NZART	ZL1BAD
28675.0	8	2014	4	1	0815	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28685.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28687		2014	04	06	<0452>	F3E	0452	?	CHN	Non Amateurs S3 Chinese	RF73MF	NZART	ZL1GWE
28687.5	6	2014	4	5	0100	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28695.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28700.0	8	2014	4	1	0745	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28705.0	8	2014	4	1	0745	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28712.5	6	2014	4	6	0535	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28715.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28720.0	6	2014	4	20	0555	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28725.0	8	2014	4	12	0745	F3E			ASIAN POP MUSIC	QG52xi	WIA	VK4TJ	
28725.0	8	2014	4	1	0745	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28735.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28737.5	6	2014	4	5	0055	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28740.0	6	2014	4	6	0530	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28745.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28750.0	6	2014	4	6	0530	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28755.0	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28760.0	6	2014	4	5	0030	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28760	20	2014	04	16	<0715>	P0N	0715	?	Unid	OTHR Continuous 50 pps S9+	RF72LQ	NZART	ZL1BAD
28762.5	6	2014	4	1	0745	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28765.0	6	2014	4	5	0030	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28775.0	8	2014	4	1	0745	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28775		2014	04	20	<0703>	F3E	0703	?	CHN	Non Amateurs S3 Chinese	RF73MF	NZART	ZL1GWE
28787.5	6	2014	4	7	1005	A3E			ASIAN	QG52xi	WIA	VK4TJ	
28800.0	8	2014	4	1	0750	F3E			ASIAN	QG52xi	WIA	VK4TJ	
28805.0	6	2014	4	5	0055	A3E			ASIAN	QG52xi	WIA	VK4TJ	

28812.5	6	2014	4	13	0845		A3E			ASIAN	QG52xi	WIA	VK4TJ
28815.0	6	2014	4	1	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ
28824		2014	04	20	<0402>	0402	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28825.0	6	2014	4	2	1020		A3E			ASIAN	QG52xi	WIA	VK4TJ
28828		2014	04	06	<0500>	0500	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF763MF	NZART	ZL1GWE
28830.0	6	2014	4	12	2225		A3E			ASIAN	QG52xi	WIA	VK4TJ
28835.0	6	2014	4	9	0910		A3E			ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2014	4	5	0055		F3E			ASIAN	QG52xi	WIA	VK4TJ
28845.0	6	2014	4	13	0845		A3E			ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ
28850.0	100	2014	4	4	1020		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28850	50	2014	04	02	<0315>	0315-0645	P0N	?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28850	50	2014	04	03	<0235>	0235	P0N	?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28850		2014	04	06	<0439>	0439	A3E	?	CHN	NON Amateurs S2	RF73MF	NZART	ZL1GWE
28850		2014	04	20	<0702>	0702	F3E	?	CHN	Chinese Non Amateurs S4	RF73MF	NZART	ZL1GWE
28853		2014	04	06	<0444>	0444	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28855.0	6	2014	4	1	0750		A3E			ASIAN	QG52xi	WIA	VK4TJ
28860	50	2014	04	04	<0515>	0515	P0N	?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28860	50	2014	04	06	<0430>	0430	P0N	?	Unid	R/T system 20 tones & 6 tones + Voices	RF72LQ	NZART	ZL1BAD
28862.5	8	2014	4	5	0035		F3E			ASIAN	QG52xi	WIA	VK4TJ
28875.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ
28876		2014	04	06	<0442>	0442	G7DF	?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
28885.0	6	2014	4	5	0055		A3E			ASIAN	QG52xi	WIA	VK4TJ
28887.5	6	2014	4	1	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ
28890.0	6	2014	4	5	0055		A3E			ASIAN	QG52xi	WIA	VK4TJ
28890.0	100	2014	4	20	0555		P0N	IRI		OTHR	QG52xi	WIA	VK4TJ
28900.0	8	2014	4	1	0810		F3E			ASIAN	QG52xi	WIA	VK4TJ
28905.0	6	2014	4	9	0910		A3E			ASIAN	QG52xi	WIA	VK4TJ
28905	92	2014	04	20	<0353>	0353	P0N	?	IRN	OTHR Iranian S3 307 pps 5.8s 869 pps 3.3 s continuous bursts	RF73MF	NZART	ZL1GWE
28912.5	8	2014	4	1	0810		F3E			ASIAN	QG52xi	WIA	VK4TJ
28925.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ
28925		2014	04	06	<0441>	0441-0552	F3E	?	CHN	Non Amateurs S3 Chinese full quietening	RF73MF	NZART	ZL1GWE
28935.0	6	2014	4	4	1025		A3E			ASIAN	QG52xi	WIA	VK4TJ
28937.5	8	2014	4	5	0035		F3E			ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2014	4	2	1015		F3E			ASIAN	QG52xi	WIA	VK4TJ
28950	25	2014	04	10	<0445>	0445-0458	P0N	?	Unid	OTHR Continuous 50 pps Off at 0458 S9+	RF72LQ	NZART	ZL1BAD
28955.0	6	2014	4	1	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ
28962.5	6	2014	4	6	0520		A3E			ASIAN	QG52xi	WIA	VK4TJ

28965.0	6	2014	4	5	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ	
28970.0	20	2014	4	19	0600		P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ	
28975.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
28987.5	8	2014	4	2	1015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29000.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29005.0	6	2014	4	2	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29012.5	8	2014	4	1	0810		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29025.0	8	2014	4	1	0810		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29035.0	6	2014	4	5	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29037.5	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29045.0	6	2014	4	6	0230		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29050.0	8	2014	4	6	0230		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29062		2014	04	20	<0404>	0404	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
29062.5	6	2014	4	6	0512		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29065.0	6	2014	4	1	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29075.0	8	2014	4	1	0810		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29087.5	8	2014	4	2	1015		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29095.0	6	2014	4	1	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29100.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29105.0	6	2014	4	2	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29110.0	6	2014	4	7	1000		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29112.5	6	2014	4	2	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29115.0	6	2014	4	1	0750		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29125.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29135.0	6	2014	4	7	1000		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29137.5	6	2014	4	25	0810		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29140.0	5	2014	4	5	0040		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ	
29145.0	6	2014	4	7	1000		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29150.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29155.0	6	2014	4	5	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29160		2014	04	20	<0411>	0411	F3E		?	CHN	Non Amateurs S3 Chinese	RF73MF	NZART	ZL1GWE
29162.5	6	2014	4	2	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29165.0	6	2014	4	1	0750		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29175.0	8	2014	4	1	0750		F3E			ASIAN	QG52xi	WIA	VK4TJ	
29185.0	6	2014	4	2	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29187.5	6	2014	4	5	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29195.0	6	2014	4	5	0040		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29200.0	6	2014	4	1	0805		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29200		2014	04	20	<0050>	0050	A3E		?	CHN	Non Amateurs S2 Chinese	RF73MF	NZART	ZL1GWE
29205.0	6	2014	4	6	0215		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29212.5	6	2014	4	6	0215		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29215.0	6	2014	4	2	1015		A3E			ASIAN	QG52xi	WIA	VK4TJ	
29220		2014	04	06	<0446>	0446	F3E		?	CHN	Non Amateurs S2 Chinese	RF73MF	NZART	ZL1GWE

29225.0	8	2014	4	1	0750		F3E				ASIAN	QG52xi	WIA	VK4TJ
29235.0	6	2014	4	2	1015		A3E				ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	4	9	0905		A3E				ASIAN	QG52xi	WIA	VK4TJ
29240.0	5	2014	4	6	0210		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29245.0	6	2014	4	6	0210		A3E				ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	4	1	0750		A3E				ASIAN	QG52xi	WIA	VK4TJ
29260		2014	04	06	<0448>	0448	F3E		?	CHN	Non Amateurs S2	RF73MF	NZART	ZL1GWE
											Chinese			
29262		2014	04	20	<0051>	0051>	F3E		?	CHN	Non Amateurs S3	RF73MF	NZART	ZL1GWE
											Chinese			
29262.5	6	2014	4	7	1000		A3E				ASIAN	QG52xi	WIA	VK4TJ
29265.0	5	2014	4	6	0200		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29275.0	6	2014	4	2	1015		A3E				ASIAN	QG52xi	WIA	VK4TJ
29286		2014	04	20	<0057>	0057	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
29287.5	6	2014	4	6	0200		A3E				ASIAN	QG52xi	WIA	VK4TJ
29290.0	5	2014	4	5	0805		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29300.0	6	2014	4	2	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
29300		2014	04	20	<0055>	0055	A3E		?	CHN	Non Amateurs S3	RF73MF	NZART	ZL1GWE
											Chinese			
29305.0	6	2014	4	1	0805		A3E				ASIAN	QG52xi	WIA	VK4TJ
29312.5	6	2014	4	9	0905		A3E				ASIAN	QG52xi	WIA	VK4TJ
29315.0	6	2014	4	2	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
29315.0	5	2014	4	6	0155		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
29321		2014	04	20	<0055>	0055	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
29324		2014	04	20	<0418>	0418	G7DF		?	Unid	HF Man Pack 8-PSK S2	RF73MF	NZART	ZL1GWE
29325.0	6	2014	4	5	0745		A3E				ASIAN	QG52xi	WIA	VK4TJ
29330	20	2014	04	19	<0440>	0440	P0N		?	Unid	OTHR Continuous	RF72LQ	NZART	ZL1BAD
29337.5	6	2014	4	1	0750		A3E				ASIAN MUSIC	QG52xi	WIA	VK4TJ
29350.0	6	2014	4	2	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
29355.0	6	2014	4	15	0940		A3E				ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2014	4	1	0755		A3E				ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	4	1	0755		F3E				ASIAN	QG52xi	WIA	VK4TJ
29385.0	6	2014	4	5	0040		A3E				ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2014	4	6	0150		A3E				ASIAN	QG52xi	WIA	VK4TJ
29395.0	6	2014	4	19	0600		A3E				ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	4	2	1010		A3E				ASIAN	QG52xi	WIA	VK4TJ
29412		2014	04	20	<0414>	0414	F3E		?	Unid	Non Amateur S3	RF73mF	NZART	ZL1GWE
											Chinese FM			
29412.5	6	2014	4	5	0740		A3E				ASIAN	QG52xi	WIA	VK4TJ
29415.0	6	2014	4	5	0050		A3E				ASIAN	QG52xi	WIA	VK4TJ
29425.0	6	2014	4	1	0755		A3E				ASIAN	QG52xi	WIA	VK4TJ
29435.0	6	2014	4	5	0045		A3E				ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2014	4	1	0755		A3E				ASIAN	QG52xi	WIA	VK4TJ
29445	15	2014	04	28	<0105>	0105	P0N		?	Unid	OTHR Variable timing .	RF72LQ	NZART	ZL1BAD
											Pps not measured			
29450.0	6	2014	4	1	0755		A3E				ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2014	4	1	0755		A3E				ASIAN	QG52xi	WIA	VK4TJ

29465.0	6	2014	4	14	0950		A3E			ASIAN	QG52xi	WIA	VK4TJ
29470	20	2014	04	01	<0645>	0645	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
29475.0	8	2014	4	1	0805		F3E			ASIAN	QG52xi	WIA	VK4TJ
29485.0	6	2014	4	8	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2014	4	1	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ
29495.0	6	2014	4	1	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ
29500.0	6	2014	4	2	1010		A3E			ASIAN	QG52xi	WIA	VK4TJ
29505.0	6	2014	4	8	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ
29512.5	6	2014	4	6	0140		A3E			ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2014	4	1	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ
29525.0	6	2014	4	1	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ
29535.0	6	2014	4	8	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2014	4	2	1010		A3E			ASIAN	QG52xi	WIA	VK4TJ
29545.0	6	2014	4	2	1010		A3E			ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2014	4	1	0800		A3E			ASIAN	QG52xi	WIA	VK4TJ
29555.0	6	2014	4	8	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ
29555.0	5	2014	4	14	0955		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
29562.5	6	2014	4	6	0135		A3E			ASIAN	QG52xi	WIA	VK4TJ
29565.0	6	2014	4	8	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2014	4	5	0045		A3E			ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2014	4	8	0825		A3E			ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	4	1	0755		A3E			ASIAN	QG52xi	WIA	VK4TJ
29605.0	6	2014	4	8	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
29612.5	6	2014	4	1	0800		A3E			ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2014	4	8	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
29620		2014	04	06	<0451>	0451	F3E	?	CHN	Non Amateurs S2 Chinese	RF73MF	NZART	ZL1GWE
29625.0	8	2014	4	1	0800		F3E			ASIAN	QG52xi	WIA	VK4TJ
29635.0	6	2014	4	8	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2014	4	1	0800		F3E			ASIAN	QG52xi	WIA	VK4TJ
29645.0	6	2014	4	8	0745		A3E			ASIAN	QG52xi	WIA	VK4TJ
29650.0	6	2014	4	1	0800		A3E			ASIAN	QG52xi	WIA	VK4TJ
29655.0	6	2014	4	5	0045		A3E			ASIAN	QG52xi	WIA	VK4TJ
29662.5	6	2014	4	2	1010		A3E			ASIAN	QG52xi	WIA	VK4TJ
29675.0	8	2014	4	1	0800		F3E			ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	4	1	0800		F3E			ASIAN	QG52xi	WIA	VK4TJ
29700.0	8	2014	4	1	0800		F3E			ASIAN	QG52xi	WIA	VK4TJ