



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



June 2014

Peter Young VK3MV

Apologies for the delayed report as I have been on an overseas trip that included the ARRL Centennial Convention. Reports for June were received from ARSI, JARL, NZART, and the WIA.

This month there were 946 observations of intruders made across the Region as compared to last month number of 1334. The lower numbers this month is a reflection of the poorer propagation conditions on the higher HF bands.

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

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

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

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

Peter – VK3MV

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3519.5	1	2014	6	25	1950		F1B		200				IDLING	QG52xi	WIA	VK4TJ
3527	3	2014	06	18	13:28		J3E						music with no call sign	PM84UQ	JARL	
3534.0	3	2014	6	28	0720		J3E/U						ASIAN	QG52xi	WIA	VK4TJ
3552	3	2014	06	25	11:58		J3E						Japanese song with no call sign	PM84UQ	JARL	
3553	3	2014	06	21	12:02		J3E						Japanese song with no call sign	PM84UQ	JARL	
3553	3	2014	06	22	12:09		J3E						Japanese song with no call sign	PM84UQ	JARL	
3585.0	3	2014	6	2	1950		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3617.8		2014	6	25	1945		A1A						NUMBER CIPHER	QG52xi	WIA	VK4TJ
3623.0	3	2014	6	2	1945		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3642.0		2014	6	8	1945		A1A					3A7D	DAILY	QG52xi	WIA	VK4TJ
3650.0	3	2014	6	19	1855		J3E/U						ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
3660.0	5	2014	6	17	1940		G7DF						JAPANESE			
3672.5		2014	06	30	<2100>	2100-2243	P0N				?	Unid	HF MANPACK	QG52xi	WIA	VK4TJ
													OTHR S9 80 metres calculated rate at 37.5 pps	RF70BW	NZART	ZL2APV
3694.0	3	2014	6	19	1855		J3E/U						ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
3777.0		2014	6	25	1940		A1A					RIS9	JAPANESE			
3788.0	5	2014	6	25	1940		G1D						CALLING M8JF	QG52xi	WIA	VK4TJ
3788		2014	06	11	<1853>	1853	J3E/U				IND	Unid	BROAD PSK	QG52xi	WIA	VK4TJ
													Non-Amateurs S59+ 15dB.	RF82BH	NZART	ZL1HD
3797.0		2014	6	2	1945		A1A					DRV8	CALLING H2FL	QG52xi	WIA	VK4TJ
3798	0.5	2014	06	05	12:20		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	06	11:32		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	08	12:57		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	10	12:43		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	14	12:19		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	15	12:00		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	17	11:36		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	18	13:31		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	21	12:04		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	22	12:16		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
3798	0.5	2014	06	23	13:42		A1A						repeat of "h2fl h2fl h2fl de drvz drvz V"	PM84UQ	JARL	
6980.0	200	2014	6	2	1150		P0N						DAILY, OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	6	2	0855		J3E/U				INS		DAILY, VILLAGE	QG52xi	WIA	VK4TJ

7000		2014	06	DY	HX	HX	J3E/L	?	Unid	RADIO Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	NZART	ZL1BAD
7000		2014	06	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack PSK & 8 PSK	RF72LQ	NZART	ZL1BAD
7000		2014	06	DY	HX	HX	j3E/U	IND	Unid	Non Amateurs S9+ Chatting	AH36TN	NZART	5W0JM
7005.0	5	2014	6	3	0950		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
7005.0	3	2014	6	2	0915		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	6	2	0855		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	6	2	0855		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	6	3	0925		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010	120	2014	06	01	<1935>	1935	P0N	?	Unid	OTHR Out of band spreading to 7010 50 pps	RF72LQ	NZART	ZL1BAD
7010	60	2014	06	17	<1950>	1950	P0N	?	Unid	OTHR Out of band spreading to 7010 50 pps (centred on 6975) ALE	RF72LQ	NZART	ZL1BAD
7012.0	3	2014	6	29	1940		F1B				QG52xi	WIA	VK4TJ
7015.0	3	2014	6	2	0920		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	6	3	0900		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	6	2	0855		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	6	2	1145		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020	20	2014	06	04	<1950>	1950	P0N	?	Unid	OTHR Continuous 40 pps	RF72LQ	NZART	ZL1BAD
7020	20	2014	06	07	<1935>	1935	P0N	?	Unid	OTHR Continuous 40 pps	RF72LQ	NZART	ZL1BAD
7020	20	2014	06	08	<1920>	1920	P0N	?	Unid	OTHR Continuous 40 pps	RF72LQ	NZART	ZL1BAD
7023	3	2014	06	12	1730		PXX	non	non	7006KHz - 7040KHz wide pulse mode PXX OTHR ?	PM84UQ	JARL	
7025.0	3	2014	6	3	0855		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	6	4	0730		J3E/U	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.5	3	2014	6	23	0740		J3E/U	INS			QG52xi	WIA	VK4TJ
7027.5		2014	6	2	1950		A1A	RUS	V	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7030.0	3	2014	6	2	0855		J3E/L	INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	40	2014	6	9	0950		VXX			CODAR	QG52xi	WIA	VK4TJ
7030	20	2014	06	02	<2000>	2000	P0N	?	Unid	OTHR Continuous 5 pps	RF72LQ	NZART	ZL1BAD

7035.0	3	2014	6	30	0840	J3E/L		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7035.0	3	2014	6	30	0840	J3E/U		INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7036	3	2014	06	17	1816	F1B	non	non	non	IDL only	PM84UQ	JARL	
7036	3	2014	06	23	1806	F1B	non	non	non	IDL only	PM84UQ	JARL	
7038.7		2014	6	2	1945	A1A		RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7038.9		2014	6	19	1905	A1A		RUS	S	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039		2014	06	DY	HX24	HX24	A1A	RUS	D	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	06	DY	HX24	HX24	A1A	RUS	M	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	06	DY	HX24	HX24	A1A	RUS	F	Beacon	RF72LQ	NZART	ZL1BAD
7039		2014	06	DY	HX24	HX24	A1A	RUS	K	Beacon	RF72LQ	NZART	ZL1BAD
7039	0.5	2014	06	01	1008		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1010		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1210		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1212		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1604		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1605		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1710		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	01	1820		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	02	0956		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	02	0958		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	02	1220		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	02	1612		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	02	1720		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	02	1840		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1006		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1010		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1220		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1224		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1610		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1614		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1704		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1706		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	03	1830		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1002		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1004		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1210		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1214		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1608		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1612		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1720		A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1724		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	04	1830		A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL

7039	0.5	2014	06	04	1952	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1014	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1206	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1210	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1614	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1730	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1732	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1846	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1848	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	05	1940	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1014	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1204	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1206	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1612	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1720	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1722	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	06	1844	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1014	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1018	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1210	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1212	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1612	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1614	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1714	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1716	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1830	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	1834	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	07	2010	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1012	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1206	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1210	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1604	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1606	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1710	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1712	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1830	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1832	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	08	1940	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL

7039	0.5	2014	06	09	1014	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1204	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1206	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1620	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1624	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1730	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1734	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	09	1844	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1016	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1018	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1210	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1212	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1614	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1724	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1726	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1730	P0N	non	non	non	7006KHz - 7040KHz wide pulse mode PXX OTHR ?	PM84UQ	JARL
7039	0.5	2014	06	10	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	10	1844	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1012	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1606	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1608	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1710	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1712	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1830	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	11	1832	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1004	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1006	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1212	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1214	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1604	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1608	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1720	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1722	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	12	1842	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1012	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1014	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1210	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1212	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1602	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL

7039	0.5	2014	06	13	1604	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1708	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1710	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1820	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	13	1822	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	1008	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	1010	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	1206	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	1208	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	1810	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	1812	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	14	2040	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	15	1834	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	15	1836	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	16	1000	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	16	1004	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	16	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	16	1842	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1012	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1206	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1208	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1612	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1806	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	17	1810	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	18	1010	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	18	1720	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	18	1840	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	19	1004	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	19	1006	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	19	1602	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	19	1604	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	19	1910	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	19	1912	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1012	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1014	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1220	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1224	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1630	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1632	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	20	1844	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	21	1006	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	21	1008	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL

7039	0.5	2014	06	21	1202	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	21	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	21	1810	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	21	1930	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	22	1004	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	22	1006	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	22	1206	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	22	1210	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	22	1620	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	22	1830	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	23	1008	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	23	1210	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	23	1630	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	23	1634	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	23	1802	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	23	1804	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1002	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1004	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1210	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1212	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1620	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1622	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	24	1842	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	25	1008	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	25	1010	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	25	1214	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	25	1640	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	25	1820	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	26	1008	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	26	1010	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	26	1204	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	26	1206	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	26	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	26	1820	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	27	1004	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	27	1006	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	27	1210	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	27	1610	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	27	1840	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	28	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	28	1012	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	28	1220	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	28	1222	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL
7039	0.5	2014	06	28	1710	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL

7039	0.5	2014	06	28	1846	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1008	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1010	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1204	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1206	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1602	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1710	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1712	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1810	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	29	1812	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1012	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1210	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1212	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1602	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1604	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1710	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1712	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1830	A1A	15	RUS	M--signal	Beacon	PM84UQ	JARL	
7039	0.5	2014	06	30	1832	A1A	37	RUS	K--signal	Beacon	PM84UQ	JARL	
7039.2		2014	6	2	0900	A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	6	30	0850	A1A		RUS	OT	HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.3		2014	6	2	0900	A1A		RUS	K	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7040	0.5	2014	06	04	10:55	A1A				train of " M " , " K "	PM84UQ	JARL	
7040	0.5	2014	06	05	11:55	A1A				train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	06	07	11:45	A1A				train of " K "	PM84UQ	JARL	
7040	0.5	2014	06	08	10:58	A1A				train of " K " , " M "	PM84UQ	JARL	
7040	0.5	2014	06	10	12:45	A1A				train of " K " , " M "	PM84UQ	JARL	
7040	0.5	2014	06	14	12:21	A1A				train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	06	15	12:01	A1A				train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	06	17	11:37	A1A				train of " M " , " F "	PM84UQ	JARL	
7040	0.5	2014	06	18	13:33	A1A				train of " M "	PM84UQ	JARL	
7040	0.5	2014	06	21	12:08	A1A				train of " M " , " K "	PM84UQ	JARL	
7040	0.5	2014	06	22	12:17	A1A				train of " M " , " K "	PM84UQ	JARL	
7040	0.5	2014	06	23	13:43	A1A				train of " M " , " K "	PM84UQ	JARL	
7040	0.5	2014	06	25	12:16	A1A				train of " M " , " K "	PM84UQ	JARL	
7043		2014	06	09	<0325-0335>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7043	34	2014	06	19	1914	PXX	non	non	non	7026KHz - 7060KHz wide pulse mode PXX OTHR ?	PM84UQ	JARL	
7054.0	5	2014	6	2	1955	G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7054		2014	06	14	<1930>	1930	XXX	?	Unid	R/T Network - tones	RF72LQ	NZART	ZL1BAD

7059	34	2014	06	29	1806		PXX	non	non	non	7042KHz - 7076KHz wide pulse mode PXX OTHR ?	PM84UQ	JARL	
7062		2014	06	14	<1930>	1930	F7D		?	Unid	Traffic on all chnls	RF72LQ	NZART	ZL1BAD
7067	3	2014	06	14	1814		F1B	non	non	non	IDL only	PM84UQ	JARL	
7067	3	2014	06	17	1812		F1B	non	non	non	now on air	PM84UQ	JARL	
7070.0	100	2014	6	30	1015		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7070.0	40	2014	6	29	1940		VXX				CODAR	QG52xi	WIA	VK4TJ
7072.0	5	2014	6	12	1955		G7D				DOZENS OF SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7075	30	2014	06	01	<1935>	1935	P0N		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2014	06	23	<1920>	1920	P0N		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7075	30	2014	06	29	<1945>	1945	P0N		?	Unid	OTHR Continuous 3 pps	RF72LQ	NZART	ZL1BAD
7077.0	5	2014	6	29	1940		G7D				8 SUBCARRIERS ON 300 HZ INTERVALS	QG52xi	WIA	VK4TJ
7080.0	40	2014	6	17	0955		P0N				OTHR	QG52xi	WIA	VK4TJ
7090.0	3	2014	6	21	0850		J3E/U				ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
7090		2014	06	09	<0325-0335>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
7096.0		2014	6	12	1955		A1A			E	BEACON	QG52xi	WIA	VK4TJ
7100.0	5	2014	6	9	0945		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7100.0	3	2014	6	9	0945		J3E/L		INS		DAILY, VILLAGE RADIO. MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7103.0	1	2014	6	30	0855		F1B				ALE	QG52xi	WIA	VK4TJ
7110	3.3	2014	06	28	<1915>	1915	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7110	3.3	2014	06	29	<1945>	1945	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7112.0	5	2014	6	29	1935		G7D				10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7119.0		2014	6	7	0915		A1A				MANY NON-ENGLISH CHARACTERS, MACHINE SENT	QG52xi	WIA	VK4TJ
7119.0	5	2014	6	30	0855		G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ
7120.0	50	2014	6	5	0840		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7120.0	6	2014	6	4	1600		A3E		SOM		RADIO HARGEISA	QG52xi	WIA	VK4TJ
7120		2014	06	DY	<1850>	1850	A3A		CHN	Radio Taiwan 218Q	Mixed progs.	RF72LQ	NZART	ZL1BAD
7124.0		2014	6	19	1900		A1A				QTC LIST	QG52xi	WIA	VK4TJ
7125.0	5	2014	6	19	1900		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7128.0	5	2014	6	25	1950		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7130.0	40	2014	6	21	1150		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7130	3.3	2014	06	DY	<1900>	1900	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD

7140.0	5	2014	6	19	1900		G7D				DOZENS OF SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
7140.0	5	2014	6	8	2015		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
7140.0	1	2014	6	8	2015		F1B	HIGH	500		CONTINUOUS	QG52xi	WIA	VK4TJ
7141.0	3	2014	6	10	0950		F1B				ALE	QG52xi	WIA	VK4TJ
7142	3.3	2014	06	DY	<1900>	1900	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7143.0	5	2014	6	12	2000		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7144.0	5	2014	6	6	2020		G7D				MANY CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
7150.0	40	2014	6	2	0925		VXX				CODAR	QG52xi	WIA	VK4TJ
7150	30	2014	06	03	<0740>	0740	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7150.2	3	2014	6	5	1015		J3E/U				ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
7162	3.3	2014	06	16	<1900>	1900	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7162	3.3	2014	06	29	<1935>	1935	M7B		?	Unid	Multi-chnl	RF72LQ	NZART	ZL1BAD
7164.0	5	2014	6	19	1900		G1D				BROAD PSK	QG52xi	WIA	VK4TJ
7166.0		2014	6	8	2015		A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7166.8	3	2014	6	2	0925		J3E/U		PHL		DAILY TAGALOG	QG52xi	WIA	VK4TJ
7173.0	3	2014	6	10	0955		J3E/U				TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
7175.0	5	2014	6	18	1950		G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7177	30	2014	06	03	<0750>	0750	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
7181.0	3	2014	6	2	0925		J3E/U		PHL		DAILY TAGALOG	QG52xi	WIA	VK4TJ
7190.0	3	2014	6	2	0920		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
7193.4	3	2014	6	2	0920		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
7196.2	4	2014	6	2	0920		G1D					QG52xi	WIA	VK4TJ
7200.0	8	2014	6	2	0920		A3E		BUR		SW BROADCAST	QG52xi	WIA	VK4TJ
7254.5	1	2014	6	17	1010		F1B			100		QG52xi	WIA	VK4TJ
7284.5	1	2014	6	17	1010		F1B			100		QG52xi	WIA	VK4TJ
10100.0	40	2014	6	19	1910		P0N				BURSTS	QG52xi	WIA	VK4TJ
10105.0	5	2014	6	8	2105		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10110.0	5	2014	6	25	0900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10115.0	5	2014	6	18	2035		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10120.0	5	2014	6	4	0815		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10130.0	50	2014	6	8	1930		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
10130.0	5	2014	6	1	0120		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
10130.0	20	2014	6	27	0825		VXX				CODAR-LIKE SWEEPS	QG52xi	WIA	VK4TJ
13999.1	3	2014	6	13	2145		J3E/U		PHL		TAGALOG	QG52xi	WIA	VK4TJ
13999.2	3	2014	6	6	0815		J3E/U				PNG PIDJIN OR BISLAMA	QG52xi	WIA	VK4TJ
14000.0	3	2014	6	1	0505		J3E/U		PHL		DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14000		2014	06	DY	HX	HX	G7DE		?	Unid	HF Man Pack 1, 6, & 8	RF72LQ	NZART	ZL1BAD

14002		2014	06	19	<1315-1325>	J3E/U		INS	UNID	PSK INDONESIAN NON AMATEUR OM IN CONVERSATION CONTINUOUS	MK82	ARSI	
14004.0	1	2014	6	3	0815	F1B	HIGH	500			QG52xi	WIA	VK4TJ
14004.6	3	2014	6	12	0810	J3E/U			PHL	TAGALOG	QG52xi	WIA	VK4TJ
14008.5		2014	06	19	<1315-1325>	J3E/U			CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI
14010.0	3	2014	6	2	1145	J3E/U				SOUNDS HINDI	QG52xi	WIA	VK4TJ
14011.2	3	2014	6	3	0815	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14013.0	3	2014	6	27	1020	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14013.8	3	2014	6	16	0915	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14014.1	3	2014	6	1	0335	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14014.5	3	2014	6	27	0810	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14018.1	3	2014	6	9	0935	J3E/U			PHL	TAGALOG	QG52xi	WIA	VK4TJ
14025.0	3	2014	6	25	0810	J3E/U				ASIAN, RIGHT AFTER G7D, BELOW	QG52xi	WIA	VK4TJ
14025.0	5	2014	6	25	0805	G7D				100'S OF SUBCARRIERS ON 33 HZ INTERVALS	QG52xi	WIA	VK4TJ
14025.0	5	2014	6	24	0855	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14030.0	5	2014	6	1	0710	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14036.6	3	2014	6	3	0815	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14040.0	5	2014	6	11	2025	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14040.0	3	2014	6	3	0830	J3E/U				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
14042.8	3	2014	6	8	0820	J3E/U				DAILY, ASIAN - SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14044.0	1	2014	6	1	0515	F1B				ALE	QG52xi	WIA	VK4TJ
14045.0	1	2014	6	5	0720	F1B		300		BURSTS	QG52xi	WIA	VK4TJ
14045.9	3	2014	6	26	0910	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14047.7	3	2014	6	3	0815	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14048.0	5	2014	6	28	0855	G7D				>10 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
14048.0	3	2014	6	12	0745	J3E/U			PHL	DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK3MV
14050.0	5	2014	6	2	0835	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14050.0	3	2014	6	2	0835	J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14054.8	3	2014	6	5	0835	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14055.0	3	2014	6	23	0905	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14055.0	5	2014	6	2	2025	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14058.6	3	2014	6	28	0835	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14060.0	3	2014	6	7	0410	J3E/L				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
14060.0	5	2014	6	2	2000	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14061.0	3	2014	6	4	0710	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14061.0		2014	6	5	0725	A1A				FOLLOWED BY J3E/U, ASIAN	QG52xi	WIA	VK4TJ

14061.0	3	2014	6	5	0725		J3E/U					AFTER A1A, ABOVE. SERIOUS WHINE ON AUDIO	QG52xi	WIA	VK4TJ
14064.0	1	2014	6	29	0815		F1B	250				CONTINUOUS	QG52xi	WIA	VK4TJ
14064.0	5	2014	6	5	0725		G7D					DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14065.0	5	2014	6	7	0355		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
14080.9	3	2014	6	7	1020		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14086.1	3	2014	6	9	0935		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14088.0	3	2014	6	12	0810		J3E/U					ASIAN, FOLLOWED BY SELCALL	QG52xi	WIA	VK4TJ
14100.0	5	2014	6	23	0350		G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
14100.0	20	2014	6	1	0520		0800	135 LP				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14100.2	3	2014	6	19	0935		J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14103	10	2014	06	30	<0210>	0210	P0N		?	Unid		OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14106.0		2014	6	19	0935		A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14108.0	1	2014	6	26	0915		A2A					LETTER CIPHER. MODULATION IS HUM	QG52xi	WIA	VK4TJ
14110.4	3	2014	6	26	0925		J3E/L					ASIAN	QG52xi	WIA	VK4TJ
14115	10	2014	06	06	<2245>	2245	P0N		?	Unid		OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14116.0	1	2014	6	9	0940		F1B	250				CONTINUOUS	QG52xi	WIA	VK4TJ
14116		2014	06	14	<1750>	1750	A1A		RUS	Unid		Russian Number station S9+	AH36TN	NZART	5W0JM
14116.8	3	2014	6	26	0930		J3E/U					ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14125	10	2014	06	06	<0105>	0105	P0N		?	Unid		OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14128	10	2014	06	01	<2250>	2250	P0N		?	Unid		OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14128	10	2014	06	09	<1950>	1950	P0N		?	Unid		OTHR HFSWR 30 secs 7 pps	RF72LQ	NZART	ZL1BAD
14130	15	2014	06	09	<2016>	2016	P0N		?	Unid		OTHR Continuous 50 pps (0n for 1 min. only - shifted from 14280)	RF72LQ	NZART	ZL1BAD
14130	10	2014	06	14	<0140>	0140-0230	P0N		?	Unid		OTHR 3.8 every 20 secs 90 pps	RF72LQ	NZART	ZL1BAD
14133	10	2014	06	07	<2220>	2220	P0N		?	Unid		OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14133.1	3	2014	6	26	0855		J3E/U					ASIAN FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14135.0		2014	6	5	0810		A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14136	15	2014	06	17	<1955>	1955	P0N		?	Unid		OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14140	15	2014	06	20	<1940>	1940-2100	P0N		?	Unid		OTHR Continuous 60 pps	RF72LQ	NZART	ZL1BAD
14140	15	2014	06	27	<2245>	2245	P0N		?	Unid		OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD

14142	10	2014	06	15	<0025>	0025	P0N		?	Unid	pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
14142	10	2014	06	14	<2312>	2312	P0N		?	Unid	7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
14144	10	2014	06	04	<2300>	2300	P0N		?	Unid	7 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14144	10	2014	06	23	<2305>	2305	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14145	10	2014	06	01	<2250>	2250	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14146	15	2014	06	15	>0045>	0045	P0N		?	Unid	secs 70 pps OTHR Shifted from 14182 @0046 alternates on various freqs.	RF72LQ	NZART	ZL1BAD
14148.0	3	2014	6	19	1005		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14148	10	2014	06	07	<2027>	2027	P0N		?	Unid	OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
14150	10	2014	06	15	<0001>	0001	P0N		?	Unid	7 pps OTHR Continuous 50	RF72LQ	NZART	ZL1BAD
14159	15	2014	06	17	<2201>	2201	P0N		?	Unid	pps Shifted to 14182 OTHR Continuous 50	RF72LQ	NZART	ZL1BAD
14159	10	2014	06	07	<2220>	2220	XXX		?	Unid	pps (shifted to 14192 @ 2201) OTHR 3.8 every 35	RF72LQ	NZART	ZL1BAD
14160.0	1	2014	6	5	0720		F1B	250			secs 70 pps DAILY, CONTINUOUS	QG52xi	WIA	VK4TJ
14160		2014	06	20	<1915>	1915-2020	F1B	240	?	Unid	RTTY Very strong but	RF72LQ	NZART	ZL1BAD
14160		2014	06	25	<1940>	1940-2330	F1B	240	?	Unid	no print RTTY Very strong but	RF72LQ	NZART	ZL1BAD
14168.0	5	2014	6	27	1005		G7D				no print DOZENS OF CLOSE- SPACED	QG52xi	WIA	VK4TJ
14168	10	2014	06	14	<2345>	2345-2350	P0N		?	Unid	SUBCARRIERS OTHR Continuous 50	RF72LQ	NZART	ZL1BAD
14168	15	2014	06	17	<2230>	2230-2250	P0N		?	Unid	pps OTHR Continuous 50	RF72LQ	NZART	ZL1BAD
14170.0	20	2014	6	1	0520		P0N	135 LP			pps (shifted from 14233) OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14170	10	2014	06	25	<0150>	0150-0230	P0N		?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14178	10	2014	06	25	<0150>	0150-0230	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14178.5	3	2014	6	7	10125		J3E/U				secs 70 pps SOUNDS HINDI	QG52xi	WIA	VK4TJ
14182	15	2014	06	15	<0001>	0001-0045	P0N		?	Unid	OTHR Continuous 50	RF72LQ	NZART	ZL1BAD
14184	15	2014	06	15	<2235>	2235-2300	P0N		?	Unid	pps shifted from 14150 OTHR Continuous 50	RF72LQ	NZART	ZL1BAD
14185.5	1	2014	6	2	0840		F1B	500			pps	QG52xi	WIA	VK4TJ
14187	10	2014	06	06	<2245>	2245	P0N		?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14187	10	2014	06	07	<0040>	0040	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
											secs 70 pps			

14192	15	2014	06	17	<2202>	2202-2211	P0N		?	Unid	OTHR Continuous 50 pps (shifted from 14159)	RF72LQ	NZART	ZL1BAD
14199.0	3	2014	6	25	0810		J3E/L				CHINESE, FAMILY NET	QG52xi	WIA	VK4TJ
14200	15	2014	06	29	<2050>	2050	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14203.0	5	2014	6	11	0800		G7D				DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14208	15	2014	06	10	<2240>	2240-2359	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14208	15	2014	06	11	<0001>	0001-0030	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14208.5	3	2014	6	6	0830		J3E/U				CHINESE, FAMILY NET	QG52xi	WIA	VK4TJ
14209.1	3	2014	6	27	1010		J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14210	10	2014	06	18	<0650>	0650	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14216.0	1	2014	6	17	0815		F1B	400			BURSTS	QG52xi	WIA	VK4TJ
14220.0	40	2014	6	19	1005		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14221.0	1	2014	6	13	2150		F1B	200			IDLING	QG52xi	WIA	VK4TJ
14221		2014	06	08	<1110-1125>		J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14221		2014	06	DY	<0001>	0001-2000	F1B	200	?	Unid	RTTY Idling with occasional traffic	RF72LQ	NZART	ZL1BAD
14225	10	2014	06	01	<0405>	0405	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
14225	10	2014	06	12	<1930>	1930-2205	P0N			Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14226.0	3	2014	6	2	0840		F1B				ALE	QG52xi	WIA	VK4TJ
14232.1	3	2014	6	9	0940		J3E/U				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14233	15	2014	06	17	<2226>	2226-2228	P0N		?	Unid	OTHR Continuous 50 pps (shifted to 14168)	RF72LQ	NZART	ZL1BAD
14233	10	2014	06	07	<0050>	0050	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14238.0	1	2014	6	11	0820		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14240.0	100	2014	6	10	0935		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14240.0	1	2014	6	5	0720		F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14240	10	2014	06	03	<2030>	2030	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14240	10	2014	06	07	<2132>	2132	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14240	15	2014	06	09	<2013>	2013	P0N		?	Unid	OTHR Continuous 50 pps (on for 1 min. only) Shifted to 14130 for 1 min.	RF72LQ	NZART	ZL1BAD
14240	10	2014	06	13	<2258>	2258	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14240	15	2014	06	18	<0305>	0305-0355	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD

14242	10	2014	06	22	<2320>	2320	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14245	10	2014	06	09	<1950>	1950	P0N		?	Unid	OTHR HFSWR 30 secs 7 pps	RF72LQ	NZART	ZL1BAD
14248	10	2014	06	02	<0222>	0222	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14252		2014	06	30	<1130>	1130	P0N	330	?	Unid	OTHR S9+ Bandsaw	RF81WM	NZART	ZL2CC
14253	10	2014	06	29	<2305>	2305	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14257	10	2014	06	11	<2043>	2043	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14259	10	2014	06	10	<2137>	2137	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14260	15	2014	06	19	<2030>	2030-2205	P0N		?	Unid	OTHR Continuous 100 pps (finished @ 2209)	RF72LQ	NZART	ZL1BAD
14263.0	5	2014	6	27	0815		G7D				DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14264	10	2014	06	24	<2140>	2140	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14266	10	2014	06	23	<2320>	2320	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14268	10	2014	06	07	<2300>	2300	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14272	10	2014	06	03	<2345>	2345	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14272	10	2014	06	21	<2335>	2335	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14273	15	2014	06	10	<0435>	0435-0455.	P0N		?	Unid	OTHR Continuous 60 pps	RF72LQ	NZART	ZL1BAD
14273.2	3	2014	6	2	0845		J3E/U				ASIAN, SOUNDS CHINESE. FISHBOATS - ENGINE NOISE	QG52xi	WIA	VK4TJ
14275	10	2014	06	01	<2130>	2130	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14275	10	2014	06	22	<2230>	2230	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14275	10	2014	06	30	<0230>	0230-0315	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14276	10	2014	06	18	<2330>	2330	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14279	10	2014	06	21	<2115>	2115	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14280.0	40	2014	6	18	0715		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
14280	10	2014	06	18	<0650>	0650	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14280	10	2014	06	08	<2150>	2150	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14280	10	2014	06	09	<2015>	2015	P0N		?	Unid	OTHR HFSWR 18 secs 7 pps	RF72LQ	NZART	ZL1BAD
14282	10	2014	06	21	<2335>	2335	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14283	10	2014	06	15	<2130>	2130	P0N		?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD

											secs 70 pps			
14287	10	2014	06	20	<2240>	2240	P0N		?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14287	10	2014	06	26	<0500>	0500	P0N		?	Unid	50 pps OTHR 2.8 every 40 sec	RF72LQ	NZART	ZL1BAD
14288	10	2014	06	05	<2205>	2205	P0N		?	Unid	70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14288	10	2014	06	26	<2310>	2310	P0N		?	Unid	secs 70 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
14288	10	2014	06	30	<0210>	0210	P0N		?	Unid	7 pps OTHR every 40 sec50	RF72LQ	NZART	ZL1BAD
14290.0	40	2014	6	23	0615		P0N				pps OTHR, BURSTS	QG52xi	WIA	VK4TJ
14290	10	2014	06	05	<2205>	2205	P0N		?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14290	10	2014	06	24	<2235>	2235	P0N		?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14290	10	2014	06	30	<0235>	0235	P0N		?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14292.0	5	2014	6	1	0110		G1D				50 pps BROAD PSK	QG52xi	WIA	VK4TJ
14292	10	2014	06	07	<2255>	2255	P0N		?	Unid	OTHR 3.8 every 35	RF72LQ	NZART	ZL1BAD
14295.1	8	2014	6	12	1855		A3E		TJK		secs 70 pps RADIO TADJIKISTAN	QG52xi	WIA	VK4TJ
14297	10	2014	06	15	<0001.	0001	P0N		?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14297	10	2014	06	14	<2300>	2300	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14299	10	2014	06	24	<2235>	2235	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14300.0	20	2014	6	1	0500		P0N	135 LP			secs 70 pps OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14300.0		2014	6	1	0500		A1A				MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
14301.2	3	2014	6	3	0820		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14302	10	2014	06	07	<0050>	0050	P0N		?	Unid	OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
14302	10	2014	06	20	<2205>	2205	P0N		?	Unid	7 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14303		2014	06	07	<1235-1245>		J3E/U		CLN	UNID	secs 70 pps SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	
14305.0	5	2014	6	6	0835		G7D				DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14305	10	2014	06	19	<0315>	0315	P0N		?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14308	10	2014	06	13	<2110>	2110	P0N		?	Unid	secs 70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14308	10	2014	06	22	<2320>	2320	P0N		?	Unid	50 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14309	10	2014	06	19	<0020>	0020-0110	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14312	10	2014	06	01	<2250>	2250	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14312	10	2014	06	03	<2230>	2230-2350	P0N		?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD

14315	10	2014	06	25	<2235>	2235	P0N	?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14315	10	2014	06	29	<2235>	2235	P0N	?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14316	10	2014	06	05	<2020>	2020-2110	P0N	?	Unid	secs 70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14316	10	2014	06	19	<2340>	2340	P0N	?	Unid	50 pps S9+ OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14316	10	20014	06	21	<2235>	2235	P0N	?	Unid	secs 70 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14317	10	2014	06	02	<2335>	2335	P0N	?	Unid	secs 70 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
14317	10	2014	06	09	<2220>	2220	P0N	?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14318	10	2014	06	06	<2250>	2250	P0N	?	Unid	50 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14319.5	3	2014	6	21	0835		J3E/U			secs 70 pps DAILY, ASIAN	QG52xi	WIA	VK4TJ
14320.0	5	2014	6	19	1005		G7D			100'S OF CLOSE- SPACED SUBCARRIERS, FOLLOWED BY J3E/U	QG52xi	WIA	VK4TJ
14320	10	2014	06	07	<2220>	2220	P0N	?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
14320	10	2014	06	18	<0650>	0650	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14320	10	2014	06	27	<2245>	2245	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14322	10	2014	06	30	<0235>	0235-0310	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14324	10	2014	06	18	<0650>	0650	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
14325.2	3	2014	6	5	0810		J3E/U			ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14326	10	2014	06	19	<0001>	0001-0115	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14326	10	2014	06	15	<2130>	2130	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14327.0	5	2014	6	5	0725		G7D			DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
14330	10	2014	06	24	<2135>	2135	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
14333	10	2014	06	05	<2215>	2215	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14335	10	2014	06	04	<2230>	2230	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14340.0	40	2014	6	19	1010		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
14340	10	2014	06	23	<2305>	2305	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	03	<2230>	2230-2350	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	07	<0040>	0040	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	11	<2250>	2250	P0N	?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD

14342	10	2014	06	22	<2230>	2230	P0N		?	Unid	secs 70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	06	<2158>	2158-2245	P0N		?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	14	<2300>	2300	P0N		?	Unid	50 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	25	<2125>	2125-2210	P0N		?	Unid	secs 70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14342	10	2014	06	29	<2215>	2215-2310	P0N		?	Unid	50 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
14345	10	2014	06	29	<2215>	2215	P0N		?	Unid	secs 70 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
14348	10	2014	06	21	<2215>	2215	P0N		?	Unid	50 pps OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
18068		2014	06	DY	HX	HX	G7DE/F		?	Unid	secs 70 pps (part in Band - part out) HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
18073.3	3	2014	6	21	0840		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
18075.0	5	2014	6	9	0900		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
18079.0	3	2014	6	2	0720		J3E/U	PHL			TAGALOG	QG52xi	WIA	VK4TJ
18080.0	20	2014	6	27	0825		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
18080.0	8	2014	6	2	0730		A3E				ASIAN LANGUAGE	QG52xi	WIA	VK4TJ
18080.0	5	2014	6	2	0735		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21000.0	100	2014	6	8	0210		P0N				CONTINUOUS	QG52xi	WIA	VK4TJ
21000		2014	06	DY	HX	HX	G7DE/F		?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
21010.0	5	2014	6	28	0515		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21021.9	3	2014	6	1	0100		J3E/U				ASIAN	QG52xi	WIA	VK4TJ
21023	10	2014	06	23	<0435>	0435	P0N		?	Unid	OTHR every 25 secs	RF72LQ	NZART	ZL1BAD
21040	40	2014	06	08	<0211>	0211	P0N	285	?	Unid	50 pps OTHR S9 continuous	RF72MS	NZART	ZL1ALZ
21050.0	5	2014	6	8	0145		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21060.0	5	2014	6	9	0820		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21065.0	5	2014	6	9	0820		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21066	10	2014	06	22	<0455>	0455	P0N		?	Unid	OTHR 3.8 every 40	RF72LQ	NZART	ZL1BAD
21095	10	2014	06	01	<2315>	2315	P0N		?	Unid	secs 50 pps OTHR HFSWR 6 secs	RF72LQ	NZART	ZL1BAD
21100	10	2014	06	25	<0410>	0410	P0N		?	Unid	7 pps OTHR 3.8 every 25	RF72LQ	NZART	ZL1BAD
21109	10	2014	06	03	<0345>	0345	P0N		?	Unid	secs 70 pps OTHR every 35 secs	RF72LQ	NZART	ZL1BAD
21111.1	3	2014	6	7	2345		J3E/L	PHI			50 pps TAGALOG	QG52xi	WIA	VK4TJ
21115.0	5	2014	6	29	0200		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21115	10	2014	06	05	<0110>	0110	P0N		?	Unid	OTHR every 50 secs	RF72LQ	NZART	ZL1BAD
21116	10	2014	06	05	<2230>	2230	P0N		?	Unid	50 pps OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21120.0	5	2014	6	7	0040		G7DF				50 pps S9+ HF MANPACK	QG52xi	WIA	VK4TJ
21127	10	2014	06	28	<0415>	0415	P0N		?	Unid	OTHR 3 secs every 40	RF72LQ	NZART	ZL1BAD

21127	10	2014	06	22	<0350>	0350	P0N		?	Unid	secs 100 pps OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21130.0	20	2014	6	2	0800		P0N				OTHR, BURSTS	QG52xi	WIA	VK4TJ
21135	10	2014	06	21	<0003>	0003	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21140.0	20	2014	6	12	0820		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21152	10	2014	06	05	<2320>	2320	P0N		?	Unid	OTHR every 40 secs 50 pps S9+	RF72LQ	NZART	ZL1BAD
21172	10	2014	06	22	<0320>	0320	P0N		?	Unid	OTHR 3 every 20 secs 90 pps	RF72LQ	NZART	ZL1BAD
21174	10	2014	06	02	<0050>	0050	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21183	10	2014	06	05	<0128>	0128	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21186	10	2014	06	05	<2230>	2230	P0N		?	Unid	OTHR every 40 secs 50 pps S9+	RF72LQ	NZART	ZL1BAD
21198.0	5	2014	6	28	0355		G7D				DOZENS OF CLOSE- SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
21199.0	1	2014	6	2	0800		F1B	800			BURSTS	QG52xi	WIA	VK4TJ
21200.0	5	2014	6	13	0205		G1D				BURSTS	QG52xi	WIA	VK4TJ
21206	10	2014	06	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21206	10	2014	06	30	<0220>	0220	P0N		?	Unid	OTHR 1.7 every 30 secs 50 / 100 pps double pulses	RF72LQ	NZART	ZL1BAD
21208	10	2014	06	05	<2325>	2325	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21210	10	2014	06	17	<2300>	2300	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21212	10	2014	06	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21213	10	2014	06	09	<0125>	0125	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21213	10	2014	06	26	<2331>	2331	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21214	10	2014	06	16	<0231>	0231	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21214	10	2014	06	23	<0157>	0157	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21215	10	2014	06	DY	HX	HX	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	06	01	<0337>	0337	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	06	05	<0143>	0143	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	06	21	<0007>	0007	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21216	10	2014	06	25	<0126>	0126	P0N		?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21217	10	2014	06	09	<0158>	0158	P0N		?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21217	10	2014	06	22	<0320>	0320	P0N		?	Unid	OTHR 2.9 every 30	RF72LQ	NZART	ZL1BAD

21218	10	2014	06	05	<0415>	0415	P0N		?	Unid	secs 90 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21218	10	2014	06	13	<0323>	0323	P0N		?	Unid	secs on 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21218	10	2014	06	22	<0320>	0320	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21218	10	2014	06	23	<0140>	0140	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21218	10	2014	06	27	<0423>	0423	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21220	10	2014	06	DY	HX	HX	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21220	10	2014	06	30	<0425>	0425	P0N		?	Unid	secs on 7 pps OTHR 3.7 every 30	RF72LQ	NZART	ZL1BAD
21222	10	2014	06	DY	HX	HX	P0N		?	Unid	secs 70 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21223.5	1	2014	6	2	0805		F1B	600			secs on 7 pps DAILY, BURSTS	QG52xi	WIA	VK4TJ
21224	10	2014	06	13	<2305>	2305	P0N		?	Unid	OTHR every 40 secs	RF72LQ	NZART	ZL1BAD
21225	10	2014	06	07	<0057>	0057	P0N		?	Unid	50 pps OTHR 2 secs every 30	RF72LQ	NZART	ZL1BAD
21225	10	2014	06	16	<0213>	0213	P0N		?	Unid	secs 30/60 PPS (double pulses) OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21225	10	2014	06	17	<2256>	2256	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21225	10	2014	06	27	<0439>	0439	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21228	10	2014	06	DY	HX	HX	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21228	10	2014	06	28	<0420>	0420	P0N		?	Unid	secs on 7 pps OTHR 2 secs every 30	RF72LQ	NZART	ZL1BAD
21230	20	2014	06	11	<0350>	0350-0358	P0N		?	Unid	70 pps OTHR Continuous 30	RF72LQ	NZART	ZL1BAD
21230	10	2014	06	16	<0217>	0217	P0N		?	Unid	pps (Off at 0358) OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21230	10	2014	06	25	<0415>	0415	P0N		?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21232	10	2014	06	20	<0300>	0300	P0N		?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21233	10	2014	06	20	<0307>	0307	P0N		?	Unid	secs on 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21234	10	2014	06	24	<0405>	0405	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21234	10	2014	06	11	<0347>	0347	P0N		?	Unid	secs on 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21235	10	2014	06	30	<0425>	0425	P0N		?	Unid	secs on 7 pps OTHR 3.7 every 30	RF72LQ	NZART	ZL1BAD
21236	10	2014	06	09	<0410>	0410	P0N		?	Unid	secs 70 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
21236	10	2014	06	23	<0142>	0142	P0N		?	Unid	secs on 7 pps OTHR HFSWR 18 secs	RF72LQ	NZART	ZL1BAD
21237	10	2014	06	01	<0307>	0307	P0N		?	Unid	on @ 7 pps OTHR HFSWR 18	RF72LQ	NZART	ZL1BAD
											secs on 7 pps			

21237	10	2014	06	17	<0350>	0350	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21237	10	2014	06	26	<2332>	2332	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	06	06	<0450>	0450	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	06	07	<0340>	0340	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21238	10	2014	06	17	<0337>	0337	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21239	10	2014	06	07	<2317>	2317	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21239	10	2014	06	20	<0310>	0310	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21239	10	2014	06	27	<0453>	0453	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21239	10	2014	06	28	<0445>	0445	P0N	?	Unid	OTHR 3 secs every 40 90 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	06	01	<0322>	0322	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21240	10	2014	06	17	<0342>	0342	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21241	10	2014	06	06	<2220>	2220	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	06	11	<0215>	0215	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	06	12	<0016>	0016	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	06	22	<0457>	0457	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21242	10	2014	06	29	<0433>	0433	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21243	10	2014	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21244	10	2014	06	01	<0345>	0345	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21245	10	2014	06	17	<2240>	2240	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21245	10	2014	06	20	<0315>	0315	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21246	10	2014	06	02	<0305>	0305	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21246	10	2014	06	05	<0145>	0145	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21248	10	2014	06	17	<0340>	0340	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	06	02	<0430>	0430	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	06	05	<0130>	0130	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21250	10	2014	06	23	<0144>	0144	P0N	?	Unid	OTHR 1.8 every 40 secs 40/80 pps Double pulses	RF72LQ	NZART	ZL1BAD
21252	10	2014	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD

21252	10	2014	06	21	<2345>	2345	P0N	?	Unid	OTHR 1.8 every 30 secs 40/80 pps (double pulses)	RF72LQ	NZART	ZL1BAD
21252	10	2014	06	25	<0200>	0200	P0N	?	Unid	OTHR 3 2 secs bursts fraction between. 40 pps	RF72LQ	NZART	ZL1BAD
21254	10	2014	06	02	<0215>	0215	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21257	10	2014	06	12	<0325>	0325	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21258	10	2014	06	11	<0400>	0400	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21258	10	2014	06	25	<0255>	0255	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21260.0	40	2014	6	28	0845		VXX				QG52xi	WIA	VK4TJ
21260	10	2014	06	17	<2240>	2240	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21262	10	2014	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21262	10	2014	06	20	<0410>	0410	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21262	10	2014	06	27	<0430>	0430	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21263	10	2014	06	30	<0430>	0430	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21264	10	2014	06	16	<0228>	0228	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21267	10	2014	06	11	<0220>	0220	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21267	10	2014	06	23	<0159>	0159	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21267	10	2014	06	27	<0335>	0335	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	06	DY	HX	HX	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	06	13	<0335>	0335	P0N	?	Unid	OTHR 1.4 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21268	10	2014	06	17	<0435>	0435	P0N	?	Unid	OTHR every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21270.0	40	2014	6	17	0840		VXX				QG52xi	WIA	VK4TJ
21270	10	2014	06	17	<0332>	0332	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21270	10	2014	06	17	<0447>	0447	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21273	10	2014	06	01	<0315>	0315	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21273	10	2014	06	28	<0235>	0235	P0N	?	Unid	OTHR 2 every 15 secs. 1@2 secs 40/80 pps. 1@2 40 pps. 2 stns co- chnl	RF72LQ	NZART	ZL1BAD
21275	10	2014	06	02	<0259>	0259	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21275	10	2014	06	16	<0415>	0415	P0N	?	Unid	OTHR 1.8 @ variable times (less than 30 secs) 40 pps	RF72LQ	NZART	ZL1BAD

21275	10	2014	06	25	<0205>	0205	P0N	?	Unid	OTHR 2 secs every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21276	10	2014	06	09	<0120>	0120	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21277	10	2014	06	04	<0315>	0315	P0N	?	Unid	OTHR 1.8 at variable times (10 - 15 secs) 50 pps	RF72LQ	NZART	ZL1BAD
21280	10	2014	06	23	<0130>	0130	P0N	?	Unid	OTHR 1.6 every 40 secs 50/100 pps (double pulses)	RF72LQ	NZART	ZL1BAD
21280	10	2014	06	18	<2225>	2225	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21282	10	2014	06	22	<0310>	0310	P0N	?	Unid	OTHR 7 every 30 secs - with momentary breaks every 2 secs. 30 pps	RF72LQ	NZART	ZL1BAD
21283	10	2014	06	13	<0255>	0255	P0N	?	Unid	OTHR 5.8 every 40 secs 40 pps	RF72LQ	NZART	ZL1BAD
21284	10	2014	06	18	<0702>	0702	P0N	?	Unid	OTHR HFSWR 18 secs on @ 7 pps	RF72LQ	NZART	ZL1BAD
21285.0	20	2014	6	17	0840		P0N			OTHR, BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21285	10	2014	06	04	<2310>	2310-2330	P0N	?	Unid	OTHR Continuous with 1/4 sec. breaks between bursts. 50 pps	RF72LQ	NZART	ZL1BAD
21285	10	2014	06	04	<0625>	0625	P0N	?	Unid	OTHR 2 bursts, with 1 sec between every 25 secs 30 pps	RF72LQ	NZART	ZL1BAD
21285	10	2014	06	13	<0255>	0255	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21287	10	2014	06	21	<0013>	0013	P0N	?	Unid	OTHR HFSWR 10 secs @ 7 pps	RF72LQ	NZART	ZL1BAD
21288	10	2014	06	05	<0137>	0137	P0N	?	Unid	OTHR HFSWR 18 secs on 7 pps	RF72LQ	NZART	ZL1BAD
21288	10	2014	06	24	<0405>	0405	P0N	?	Unid	OTHR 2x2 each 2 secs long, 1/4 sec between each, 1@50 1@70 pps	RF72LQ	NZART	ZL1BAD
21290	10	2014	06	02	>0442>	0442	P0N	?	Unid	OTHR 3x1.8 every 35 secs (fraction of sec between each burst) 40 pps	RF72LQ	NZART	ZL1BAD
21293	10	2014	06	12	<0230>	0230	P0N	?	Unid	OTHR every 25 secs 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	06	02	<0435>	0435	P0N	?	Unid	OTHR 2 secs every	RF72LQ	NZART	ZL1BAD
21295	10	2014	06	05	<0440>	0440	P0N	?	Unid	OTHR 2 bursts with variable timing between. Each 30 secs. 70 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	06	25	<0025>	0025	P0N	?	Unid	OTHR 1.4 every 20 secs 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	06	25	<0115>	0115	P0N	?	Unid	OTHR 2 stns same freq. Each 2.8 at variable times 50 pps	RF72LQ	NZART	ZL1BAD
21295	10	2014	06	28	<0240>	0240	P0N	?	Unid	OTHR 1.3 every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD

21296	10	2014	06	07	<2313>	2313	P0N		?	Unid	OTHR 3.8 at variable timing (Max. 30 secs) 50 pps	RF72LQ	NZART	ZL1BAD
21296	10	2014	06	18	<0655>	0655	P0N		?	Unid	OTHR 4.8 every 40 secs 30 pps (with 1\4 sec break in middle)	RF72LQ	NZART	ZL1BAD
21296	10	2014	06	20	<0255>	0255-0415	P0N		?	Unid	OTHR 2x2 each 2 secs long, with 2 secs between each @ variable times, 40 pps	RF72LQ	NZART	ZL1BAD
21296	10	2014	06	23	<2330>	2330	P0N		?	Unid	OTHR 1.3 every 15 secs 50 pps	RF72LQ	NZART	ZL1BAD
21296	10	2014	06	24	<0125>	0125	P0N		?	Unid	OTHR 1.8 at variable times around 5 secs 70 pps	RF72LQ	NZART	ZL1BAD
21300	20	2014	06	29	<0355>	0355-0429	P0N		?	Unid	OTHR Continuous 30 pps	RF72LQ	NZART	ZL1BAD
21310	10	2014	06	11	<0020>	0020	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21310	20	2014	06	15	<0225>	0225-0510	P0N		?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
21318.0	1	2014	6	11	0830		F1B	600			DAILY, BURSTS	QG52xi	WIA	VK4TJ
21328	10	2014	06	22	<0355>	0355	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21328	10	2014	06	02	<0415>	0415	P0N		?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21330.0	40	2014	6	1	0535		P0N				OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
21330	10	2014	06	15	<0200>	0200-0230	P0N		?	Unid	OTHR 2 stns co-chnl. Each OTHR 3.8 every 40 secs @ 70 pps	RF72LQ	NZART	ZL1BAD
21334	10	2014	06	16	<0605>	0605	P0N		?	Unid	OTHR every 30 secs 50 pps	RF72LQ	NZART	ZL1BAD
21335.0	5	2014	6	5	0825		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21341.1	3	2014	6	28	0845		J3E/U				ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21343	10	2014	06	11	<0345>	0345	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21345.0	5	2014	6	1	0535		G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
21345		2014	06	09	0230		A1A		THA	HS0ZEA/B	BEACON HS0ZEA/B FROM THAILAND GL: OK05QO	MK82	ARSI	
21356	10	2014	06	16	<0415>	0415	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21360	10	2014	06	17	<0330>	0330	P0N		?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21371	10	2014	06	23	<0340>	0340	P0N		?	Unid	OTHR 5.8 every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21372	10	2014	06	12	<0230>	0230-0315	P0N		?	Unid	OTHR 3.8 every 25 secs 70 pps	RF72LQ	NZART	ZL1BAD
21377	10	2014	06	11	<0020>	0020	P0N		?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21378	10	2014	06	25	<0025>	0025	P0N		?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD

21380	10	2014	06	25	<0040>	0040	P0N	?	Unid	OTHR 15 secs bursts at variable times No pps measured OTHR Continuous pulses	RF72LQ	NZART	ZL1BAD
21386	10	2014	06	14	<0235>	0235	P0N	?	Unid	OTHR 3.8 every 25 secs 90 pps	RF72LQ	NZART	ZL1BAD
21390.0	20	2014	6	5	0830		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
21393	10	2014	06	16	<0605>	0605	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21395	10	2014	06	05	<0430>	0430	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21397	10	2014	06	11	<0210>	0210	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21410	20	2014	06	17	<0435>	0435	P0N	?	Unid	OTHR Continuous 50 pps	RF72LQ	NZART	ZL1BAD
21410	10	2014	06	17	<2240>	2240	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21422	10	2014	06	11	<0210>	0210	P0N	?	Unid	OTHR 3.8 every 30 secs 70 pps	RF72LQ	NZART	ZL1BAD
21425	10	2014	06	16	<0605>	0605	P0N	?	Unid	OTHR 3.8 every 35 secs 70 pps	RF72LQ	NZART	ZL1BAD
21428	10	2014	06	10	<2250>	2250	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21430	10	2014	06	04	<2310>	2310	P0N	?	Unid	OTHR every 40 secs 50 pps	RF72LQ	NZART	ZL1BAD
21430	20	2014	06	29	<0320>	0320	P0N	?	Unid	OTHR Continuous 40 pps	RF72LQ	NZART	ZL1BAD
21434	10	2014	06	25	<0110>	0110	P0N	?	Unid	OTHR 3.8 every 40 secs 70 pps	RF72LQ	NZART	ZL1BAD
21438.0		2014	6	5	0830		A1A	UKR	RCV	DAILY	QG52xi	WIA	VK4TJ
21450.0	20	2014	6	12	0825		P0N			OTHR, BURSTS	QG52xi	WIA	VK4TJ
24900		2014	06	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack across entire band	RF72LQ	NZART	ZL1BAD
28000.0	5	2014	6	8	0035		G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28000.0	6	2014	6	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ
28000		2014	06	DY	HX	HX	G7DE/F	?	Unid	HF Man Pack 1, 6 & 8 PSK	RF72LQ	NZART	ZL1BAD
28000		2014	06	DY	HX	HX	F3E/A3E	CHN	Unid	Chinese CB'ers every 5 K, when band is open	RF72LQ	NZART	ZL1BAD
28005.0	6	2014	6	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ
28005.0	3	2014	6	8	0055		J3E/U			ASIAN	QG52xi	WIA	VK4TJ
28012.5	6	2014	6	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	6	1	0035		A3E			ASIAN	QG52xi	WIA	VK4TJ
28025.0	6	2014	6	8	0035		A3E			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
28025.0	8	2014	6	1	0015		F3E			ASIAN	QG52xi	WIA	VK4TJ
28025.0	6	2014	6	8	0035		A3E			SPANISH LANGUAGE	QG52xi	WIA	VK4TJ
28035.0	6	2014	6	1	0015		A3E			ASIAN	QG52xi	WIA	VK4TJ
28040		2014	06	21	0957		A1A	UNID	4NAY	LONG LINE FISHING NET BEACON	MK82	ARSI	
28042.0	3	2014	6	8	2225		J3E/L			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28045.0	6	2014	6	8	0030		A3E			ASIAN	QG52xi	WIA	VK4TJ

28050.0	8	2014	6	1	0020		F3E		ASIAN	QG52xi	WIA	VK4TJ
28055.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28065.0	6	2014	6	8	0035		A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28075.0	8	2014	6	1	0020		F3E		ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28100.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28100	50	2014	06	20	<0300>	0300	XXX	?	Unid R/T System - multiple tones at 50 kHz spacing	RF72LQ	NZART	ZL1BAD
28105.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	6	1	0020		F3E		ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	6	1	0020		A3E		ASIAN	QG52xi	WIA	VK4TJ
28145.0	6	2014	6	1	0035		A3E		ASIAN	QG52xi	WIA	VK4TJ
28150.0	8	2014	6	7	0010		F3E		ASIAN	QG52xi	WIA	VK4TJ
28155.0	6	2014	6	1	0035		A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28155.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	6	7	0010		A3E		ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	6	1	0035		F3E		ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	6	8	0040		F3E		ASIAN	QG52xi	WIA	VK4TJ
28195.0	6	2014	6	7	0010		A3E		ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	6	7	0010		F3E		ASIAN	QG52xi	WIA	VK4TJ
28205.0	6	2014	6	1	0035		A3E		ASIAN	QG52xi	WIA	VK4TJ
28215.0	6	2014	6	1	0035		A3E		ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2014	6	8	2155		A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28225.0	8	2014	6	1	0040		F3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	6	2	0740		F3E		ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28275.0	8	2014	6	1	0040		F3E		ASIAN	QG52xi	WIA	VK4TJ
28285.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28300.0	6	2014	6	7	0015		A3E		ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2014	6	1	0040		A3E		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28312.5	6	2014	6	7	0015		A3E		ASIAN	QG52xi	WIA	VK4TJ
28315.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28325.0	8	2014	6	1	0040		F3E		ASIAN	QG52xi	WIA	VK4TJ
28333.5	3	2014	6	8	0040		J3E/L		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28335.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ
28345.0	6	2014	6	2	0745		A3E		ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2014	6	7	0015		A3E		ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2014	6	1	0040		A3E		ASIAN	QG52xi	WIA	VK4TJ

28375.0	8	2014	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2014	6	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2014	6	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2014	6	1	0040	A3E	ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2014	6	1	0040	F3E	ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2014	6	8	0100	A3E	ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28460.0	6	2014	6	23	0655	A3E	ASIAN, WITH HUM	QG52xi	WIA	VK4TJ
28465.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2014	6	7	0015	F3E	ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2014	6	8	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2014	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2014	6	7	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
28550.0	6	2014	6	7	0015	A3E	ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28585.0	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28595.0	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28605.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28625.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28637.5	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	6	8	0105	F3E	ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28700.0	8	2014	6	7	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28705.0	8	2014	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28712.5	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28720.0	8	2014	6	23	0700	F3E	ASIAN	QG52xi	WIA	VK4TJ
28720.7		2014	6	8	0105	A1A	D42 DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28725.0	8	2014	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ

28745.0	6	2014	6	7	0020	A3E	ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2014	6	1	0045	F3E	ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28762.5	8	2014	6	7	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2014	6	1	0045	A3E	ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2014	6	7	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28780.4		2014	6	8	0105	A1A	3LNTD DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28800.0	8	2014	6	8	0110	F3E	ASIAN	QG52xi	WIA	VK4TJ
28830.0	6	2014	6	8	0110	A3E	ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2014	6	8	0115	F3E	ASIAN	QG52xi	WIA	VK4TJ
28912.5	8	2014	6	7	0020	F3E	ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2014	6	8	0115	A3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	6	8	0115	F3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2014	6	8	0115	F3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	6	8	0115	F3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	6	8	0120	F3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	6	2014	6	9	0735	A3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	6	8	0120	F3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	6	2014	6	7	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29195.0	6	2014	6	7	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	6	9	0735	A3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	6	9	0720	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	6	9	0720	A3E	ASIAN	QG52xi	WIA	VK4TJ
29265.0	6	2014	6	7	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2014	6	8	0120	F3E	ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2014	6	7	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2014	6	7	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29362.5	6	2014	6	9	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	6	7	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29387.5	6	2014	6	8	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	6	7	0025	A3E	ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2014	6	9	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29425.0	8	2014	6	7	0025	F3E	ASIAN	QG52xi	WIA	VK4TJ
29437.5	6	2014	6	9	0650	A3E	ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2014	6	8	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29462.5	6	2014	6	8	0120	A3E	ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	6	8	0120	F3E	ASIAN	QG52xi	WIA	VK4TJ
29487.5	6	2014	6	9	0645	A3E	ASIAN	QG52xi	WIA	VK4TJ
29512.5	6	2014	6	9	0640	A3E	ASIAN	QG52xi	WIA	VK4TJ
29525.0	6	2014	6	7	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29562.5	6	2014	6	17	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29575.0	6	2014	6	8	0125	A3E	ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	6	7	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ
29605.0	6	2014	6	7	0030	A3E	ASIAN	QG52xi	WIA	VK4TJ

29612.5	6	2014	6	9	0615		A3E		ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2014	6	7	0030		A3E		ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2014	6	7	0030		F3E		ASIAN	QG52xi	WIA	VK4TJ
29635.0	6	2014	6	8	0125		A3E		ASIAN	QG52xi	WIA	VK4TJ
29637.5	8	2014	6	9	0615		F3E		ASIAN	QG52xi	WIA	VK4TJ
29660		2014	06	07	<0105>	0105	XXX	?	Unid Multiple tones spaced 50 k	RF72LQ	NZART	ZL1BAD
29675.0	8	2014	6	9	0535		F3E		ASIAN	QG52xi	WIA	VK4TJ
29685.0	6	2014	6	17	0830		A3E		ASIAN	QG52xi	WIA	VK4TJ
29687.5	8	2014	6	9	0605		F3E		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
29700.0	8	2014	6	8	0125		F3E		ASIAN	QG52xi	WIA	VK4TJ