



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



September 2014

Peter Young VK3MV

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

This month there were 745 observations of intruders made across the Region as compared to last month's number of 865. The lower numbers this month is due to reduced number of reports and a reflection of the poorer propagation conditions on the higher HF bands.

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

There are the usual intrusions RUS cw beacons stations 40 meters.

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
3505.0	3	2014	10	1	1840		J3E/U						ASIAN, SOUNDS JAPANESE	QG52xi	WIA	VK4TJ
3528	3	2014	09	17	12:49								Japanese song with no call sign	PM84UQ	JARL	
3553	3	2014	09	03	14:17								Japanese song with no call sign	PM84UQ	JARL	
3553	3	2014	09	12	12:35								Japanese song with no call sign	PM84UQ	JARL	
3585.0	3	2014	10	3	1940		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3590.0	100	2014	10	18	0945		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3623.0	3	2014	10	1	1845		J1C				JPN		FAX	QG52xi	WIA	VK4TJ
3660.0	200	2014	10	8	1940		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3720.0	200	2014	10	1	1845		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
3777.0		2014	10	1	1845		A1A					RIS9	CALLING M8JF	QG52xi	WIA	VK4TJ
3798.0		2014	10	18	1920		A1A						MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
3925	3	2014	09	06	13:39								Japanese song with no call sign	PM84UQ	JARL	
6930.0	150	2014	10	28	0955		P0N						OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
7000.0	3	2014	10	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	10	6	0925		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7005.0	3	2014	10	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7006.0	5	2014	10	6	1915		G1D						BROAD PSK	QG52xi	WIA	VK4TJ
7010.0	3	2014	10	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7010.0	3	2014	10	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	10	6	0925		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7015.0	3	2014	10	1	1850		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	10	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7020.0	3	2014	10	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	10	6	0925		J3E/L				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7025.0	3	2014	10	6	0950		J3E/U				INS		DAILY, VILLAGE RADIO	QG52xi	WIA	VK4TJ
7030.0	3	2014	10	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO, SINGING	QG52xi	WIA	VK4TJ
7030.0	3	2014	10	9	0910		J3E/L				INS		DAILY, VILLAGE RADIO, MOSLEMS AT PRAYER	QG52xi	WIA	VK4TJ
7033.0	5	2014	10	1	1850		G1D						BROAD PSK	QG52xi	WIA	VK4TJ
7036	3	2014	09	03	1800		F1B			non	non	non	IDL only	PM97	JARL	
7036	1	2014	09	11	1828		A0N			non	non	non	no mod	PM97	JARL	
7036	3	2014	09	17	1800		F1B			non	non	non	IDL only	PM97	JARL	
7036	3	2014	09	22	1800		F1B			non	non	non	IDL only	PM97	JARL	
7038.5	0.4	2014	09	13	<0050-0110>		A1A				UNID	"D"	SINGLE LETTER BEACON	MK82	ARSI	FT757GX, I V
7038.7		2014	10	1	1850		A1A				RUS	D	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039	0.5	2014	09	01	1008		A1A			15	RUS	M--signal	Beacon	PM97	JARL	
7039	0.5	2014	09	02	1004		A1A			15	RUS	M--signal	Beacon	PM97	JARL	

7039	0.5	2014	09	02	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	02	1830	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1006	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1210	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1402	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1404	A1A	15	RUS	K-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1610	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1612	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	03	1806	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1216	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1610	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1612	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1830	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	04	1832	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1008	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1010	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1614	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1616	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	05	1920	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	06	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	06	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	06	1220	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	06	1224	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	06	1610	A1A	321	RUS	F-- signal	Beacon	PM97	JARL

7039	0.5	2014	09	06	1614	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	06	1756	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	06	1758	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1020	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1024	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1210	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1212	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1630	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1634	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1820	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1822	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1940	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	07	1942	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	08	1012	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	08	1206	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	08	1624	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	09	1012	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	09	1224	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	09	1712	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	09	1830	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	09	1950	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	10	1012	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	10	1220	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	10	1632	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	10	1846	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	11	1000	A1A	321	RUS	signal M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	11	1002	A1A	15	RUS	signal M-- signal F--	Beacon	PM97	JARL

7039	0.5	2014	09	11	1622	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	11	1840	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	12	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	12	1222	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	12	1642	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	13	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	13	1226	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	13	1632	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	13	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	13	1954	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	14	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	14	1222	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	14	1634	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	14	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	15	1006	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	15	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	15	1712	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	15	1852	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	16	1004	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	16	1212	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	16	1708	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	16	1842	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	17	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	17	1222	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	17	1632	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	17	1812	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	18	1012	A1A	15	RUS	M-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	18	1622	A1A	15	RUS	M--	Beacon	PM97	JARL

7039	0.5	2014	09	18	1810	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	19	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	19	1216	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	19	1642	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	19	1810	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	20	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	20	1226	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	20	1642	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	20	1822	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	20	1952	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	21	1014	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	21	1220	A1A	15	RUS	signal M--	IDL only	PM97	JARL
7039	0.5	2014	09	21	1632	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	21	1806	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	22	1010	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	22	1632	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	22	1824	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	23	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	23	1218	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	23	1632	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	23	1812	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	24	1012	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	24	1014	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	24	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	24	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	24	1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7039	0.5	2014	09	24	1622	A1A	15	RUS	signal M--	Beacon	PM97	JARL

7039	0.5	2014	09	24	1810	A1A	15	RUS	M-- signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1012	A1A	321	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1014	A1A	15	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1224	A1A	321	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1226	A1A	15	RUS	signal F--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1602	A1A	321	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1604	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1740	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	25	1920	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	26	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	26	1212	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	26	1620	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	26	1740	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	27	1004	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	27	1214	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	27	1620	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	27	1830	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	28	1012	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	28	1226	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	28	1610	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	28	1822	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	29	1010	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	29	1218	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	29	1624	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	29	1830	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	30	1016	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	30	1330	A1A	15	RUS	signal M--	Beacon	PM97	JARL
7039	0.5	2014	09	30	1610	A1A	15	RUS	M--	Beacon	PM97	JARL

7039	0.5	2014	09	30	1840	A1A	15	RUS	signal K-- signal	Beacon	PM97	JARL	
7039	0.5	2014	09	30	1950	A1A	15	RUS	signal	Beacon	PM97	JARL	
7039.2		2014	10	1	1850	A1A		RUS	F	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7039.4		2014	10	1	1850	A1A		RUS	M	DAILY, HARBOUR BEACON	QG52xi	WIA	VK4TJ
7040	0.5	2014	09	08	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	08	1204	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	08	1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	08	1840	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	09	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	09	1220	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	09	1710	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	10	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	10	1218	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	10	1630	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	11	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	11	1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	12	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	12	1220	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	12	1640	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	12	1830	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	13	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	13	1224	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	13	1630	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	13	1810	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	13	1952	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	14	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	
7040	0.5	2014	09	14	1220	A1A	321	RUS	F-- signal	Beacon	PM97	JARL	

7040	0.5	2014	09	14	1630	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	14	1810	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	14	1930	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	15	1004	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	15	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	15	1710	A1A	321	RUS	K-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	15	1850	A1A	321	RUS	K-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	16	1002	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	16	1210	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	16	1706	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	16	1840	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	17	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	17	1220	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	17	1630	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	17	1810	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	18	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	18	1620	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	19	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	19	1214	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	19	1640	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	20	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	20	1224	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	20	1640	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	20	1820	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	20	1950	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	21	1010	A1A	321	RUS	F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	21	1218	A1A	321	RUS	F-- signal	now on air	PM97	JARL
7040	0.5	2014	09	21	1630	A1A	321	RUS	F--	Beacon	PM97	JARL

7040	0.5	2014	09	21	1804	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	22	1008	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	22	1630	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	22	1820	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	22	2010	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	23	1010	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	23	1216	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	23	1630	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	23	1810	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	26	1010	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	26	1210	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	27	1002	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	27	1212	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	28	1010	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	28	1224	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	28	1820	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	29	1008	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	29	1216	A1A	321	RUS	signal F-- signal	Beacon	PM97	JARL
7040	0.5	2014	09	29	1620	A1A	321	RUS	signal	Beacon	PM97	JARL
7040	0.5	2014	09	03	14:02	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	04	13:18	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	05	14:03	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	06	13:58	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	08	11:35	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	13	12:36	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	12	12:48	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	14	12:47	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	16	12:43	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	17	12:53	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	18	12:08	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	19	11:41	A1A				train of " F ", " M "	PM84UQ	JARL
7040	0.5	2014	09	20	11:45	A1A				train of " F ", " M "	PM84UQ	JARL

7040	0.5	2014	09	21	13:12	A1A					train of " F "," M "	PM84UQ	JARL	
7040	0.5	2014	09	22	11:28	A1A					train of " F "," M "	PM84UQ	JARL	
7040	0.5	2014	09	30	10:51	A1A					train of " M "	PM84UQ	JARL	
7052.0		2014	10	18	1145	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7053.0	3	2014	10	18	1150	J3E/U					MUSIC	QG52xi	WIA	VK4TJ
7055.0	3	2014	10	1	1850	J3E/L		UKR			POLITICAL SPEECHES, MUSIC	QG52xi	WIA	VK4TJ
7062	0.5	2014	09	17	12:54	A1A					random number(?) "jy 9v de rid 9 "	PM84UQ	JARL	
7062	0.5	2014	09	17	13:07	A1A					random number(?) " 97zz d ? K rid97 a s k "	PM84UQ	JARL	
7080	3	2014	09	22	1810	JM	non	non	non		white noise	PM97	JARL	
7083.0	5	2014	10	6	1920	G1D					BROAD PSK	QG52xi	WIA	VK4TJ
7085.0	5	2014	10	17	2010	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
7090.0	3	2014	10	1	1855	J3E/U					HEAVILY ACCENTED ENGLISH, SHIPPING REFERENCES	QG52xi	WIA	VK4TJ
7091.4		2014	10	18	1925	A1A		RUS	V		HARBOUR BEACON	QG52xi	WIA	VK4TJ
7100.0	1	2014	10	6	1020	F1B	200				BURSTS	QG52xi	WIA	VK4TJ
7100.0	3	2014	10	6	1020	J3E/U		INS			VILLAGE RADIO	QG52xi	WIA	VK4TJ
7100.0		2014	10	18	1030	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7102.0		2014	10	5	1015	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7111.0		2014	10	17	1145	A1A					MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
7117.0	2	2014	10	6	1920	F1B	1000					QG52xi	WIA	VK4TJ
7118.0	1	2014	10	17	2010	F1B					SELCALL TONES	QG52xi	WIA	VK4TJ
7119.0	1	2014	10	16	1150	F1B					SELCALL TONES	QG52xi	WIA	VK4TJ
7119.2		2014	10	5	1020	A1A					MIXED NUMBER/LETTER CIPHER, MANY NON-ENGLISH CHARACTERS	QG52xi	WIA	VK4TJ
7120.0	8	2014	10	1	1850	A3E		SOM			RADIO HARGEISA	QG52xi	WIA	VK4TJ
7120.1	3	2014	10	6	1025	J3E/U		PHL			TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
7121.0	1	2014	10	8	1935	F1B					SELCALL TONES	QG52xi	WIA	VK4TJ
7135.0	3	2014	10	8	1935	J3E/U		INS			BAHASA SPEAKERS	QG52xi	WIA	VK4TJ
7145.1	3	2014	10	5	1020	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
7151.5		2014	10	1	1855	A1A			E			QG52xi	WIA	VK4TJ
7160.0	3	2014	10	30	0910	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
7165.0	5	2014	10	1	1900	G1D					BROAD PSK	QG52xi	WIA	VK4TJ
7171.0	3	2014	10	21	0820	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
7174	0.5	2014	09	04	12:08	A1A					random number(... zzu 10412 k ...)	PM84UQ	JARL	
7175.0	5	2014	10	1	1900	G7D					DOZENS OF CLOSE-SPACED SUBCARRIERS	QG52xi	WIA	VK4TJ
7179.7	3	2014	10	1	1900	J3E/U					ASIAN, FISHBOATS	QG52xi	WIA	VK4TJ

7186.0	5	2014	10	6	1920	G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG52xi	WIA	VK4TJ
7190.0	5	2014	10	8	1025	G1D			BROAD PSK	QG52xi	WIA	VK4TJ
7197.0	5	2014	10	5	1020	G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ
7200.0	8	2014	10	15	0900	A3E			SW BROADCAST	QG52xi	WIA	VK4TJ
10130.0	30	2014	10	18	1915	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000.0	3	2014	10	6	0630	J3E/U		PHL	DAILY, TAGALOG	QG52xi	WIA	VK4TJ
14000.0	5	2014	10	4	0755	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14000.0	30	2014	10	20	0850	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14000	3.0	2014	09	22	<0250-0255>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14005.0	3	2014	10	11	0855	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14007.9	3	2014	10	5	1945	J3E/L			ASIAN, WITH HUM & CARRIER	QG52xi	WIA	VK4TJ
14008.0	1	2014	10	4	0800	F1B	500		CONTINUOUS	QG52xi	WIA	VK4TJ
14008.1	3	2014	10	8	1955	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14008.5	3	2014	10	21	0814	J3E/L			DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14011.2	3	2014	10	1	0905	J3E/L			ASIAN	QG52xi	WIA	VK4TJ
14013.0	3	2014	10	19	0910	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
14014	3.0	2014	09	22	<0255-0305>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14015.0	5	2014	10	4	0810	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14019.3	1	2014	10	10	0825	F1B			IDLING	QG52xi	WIA	VK4TJ
14020.0	5	2014	10	31	2355	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14022.1	3	2014	10	21	0825	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14025.0	3	2014	10	14	0645	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14025.0	5	2014	10	4	2010	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14026.0	1	2014	10	4	0825	F1B			SELCALL TONES	QG52xi	WIA	VK4TJ
14030.0	5	2014	10	4	0830	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14030	3.0	2014	09	26	<0250-0300>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14032.8	3	2014	10	26	2020	J3E/L			SPANISH OR ITALIAN	QG52xi	WIA	VK4TJ
14034.8	3.0	2014	09	22	<0240-0250>	J3E/U		CLN UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14035.0	5	2014	10	4	0850	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14040.0	3	2014	10	4	0940	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
14040.0	5	2014	10	4	0945	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
14040.0	8	2014	10	20	0840	A3E		PHI VOA	TRANSMIT IMD	QG52xi	WIA	VK4TJ
14045.0	1	2014	10	20	0835	F1B			BURSTS	QG52xi	WIA	VK4TJ
14045.0	5	2014	10	4	0935	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ

14046.0	3	2014	10	15	0915	J3E/U				DAILY, ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
14047.6	3	2014	10	4	0900	J3E/L				DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14048.0	3	2014	10	7	0820	J3E/L				DAILY, ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14048.0	3	2014	10	6	0622	J3E/U		PHI		DAILY, TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14049.0	3	2014	10	6	0640	J3E/L				SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
14049.6	3	2014	10	15	0935	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14050.0	1	2014	10	13	0630	F1B	250			CONTINUOUS	QG52xi	WIA	VK4TJ
14050.0	3	2014	10	11	1010	J3E/L				ASIAN "ALLO"	QG52xi	WIA	VK4TJ
14050.0	5	2014	10	10	0855	G7D				DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG52xi	WIA	VK4TJ
14050.0	5	2014	10	3	2020	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14052.0	3	2014	10	11	0745	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14052.7	3.0	2014	09	22	<0245-0255>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14055.0	5	2014	10	4	0910	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14058.0	1	2014	10	16	0830	F1B				SELCALL TONES	QG52xi	WIA	VK4TJ
14060.0	5	2014	10	4	0830	G7DF				HF MANPACK	QG52xi	WIA	VK4TJ
14065.0	5	2014	10	4	0930	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14070.0	5	2014	10	17	0630	G7DF				MANPACK RADIO	QG52xi	WIA	VK4TJ
14088.4	3	2014	10	19	0900	J3E/L				ASIAN	QG52xi	WIA	VK4TJ
14099.0	3	2014	10	14	0945	J3E/U				ASIAN	QG52xi	WIA	VK4TJ
14099.9	3	2014	10	31	2040	J3E/U				SPANISH OR PORTUGUESE	QG52xi	WIA	VK4TJ
14100.1	3	2014	10	6	1925	J3E/L				DAILY, ASIAN	QG52xi	WIA	VK4TJ
14111.0		2014	10	16	0835	A1A				MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14120.6	3.0	2014	09	26	<0255-0305>	J3E/U		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14123.0	3	2014	10	8	0940	J3E/U				CHINESE, READING LISTS (TWICE)	QG52xi	WIA	VK4TJ
14123.0	5	2014	10	13	0950	G1D				BROAD PSK	QG52xi	WIA	VK4TJ
14125.2	3	2014	10	17	0850	J3E/L		PHL		TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
14127.0	5	2014	10	20	0840	G7D				14 SUBCARRIERS ON 150 HZ INTERVALS	QG52xi	WIA	VK4TJ
14127.5	1	2014	10	18	0645	F1B	150			BURSTS	QG52xi	WIA	VK4TJ
14129.0	5	2014	10	8	0940	G7D				3 SUBCARRIERS ON 200 HZ INTERVALS, BURSTS	QG52xi	WIA	VK4TJ
14130.0	20	2014	10	22	0805	P0N				OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14135	3.0	2014	09	26	<0255-0305>	J3E/L		CLN	UNID	SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V

14140.0	3	2014	10	21	0825	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14140.0	20	2014	10	21	0825	P0N					OTHR, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
14175.7	3	2014	10	22	0810	J3E/L					COUNTING	QG52xi	WIA	VK4TJ
14177.6	3	2014	10	19	0905	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14189.8	3	2014	10	9	0900	J3E/L					DAILY, ASIAN FAMILY NET	QG52xi	WIA	VK4TJ
14192.0	1	2014	10	6	1930	F1B	200				IDLING	QG52xi	WIA	VK4TJ
14200.0	3	2014	10	13	0955	J3E/L					ASIAN	QG52xi	WIA	VK4TJ
14202	3.0	2014	09	26	<0250-0300>	J3E/U		CLN	UNID		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14206.5	1	2015	10	31	0815	F1B	250				IDLING	QG52xi	WIA	VK4TJ
14210.0	20	2014	10	5	0700	P0N	50 PPS	135	RUS		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
14230.2	3	2014	10	15	0850	J3E/L					ASIAN, SOUNDS BAHASA	QG52xi	WIA	VK4TJ
14235.1	3	2014	10	30	0905	J3E/U					ASIAN, SOUNDS CHINESE, READING LIST (TWICE)	QG52xi	WIA	VK4TJ
14243.0	30	2014	10	6	<2300-2359>	P0N					Tone burst at start, 30 sec btwn burst	QF22MA	WIA	VK3MV
14243.0	30	2014	10	14	<0607-0800>	P0N					Cont 50pps	QF22MA	WIA	VK3MV
14247.0	3	2014	10	7	0820	G7D					10 SUBCARRIERS ON 100 HZ INTERVALS	QG52xi	WIA	VK4TJ
14252.4	3.0	2014	09	26	<0255-0305>	J3E/U		CLN	UNID		SRI LANKAN FISHING TRAWLERS IN SINHALA LANGUAGE ONLY – 2 OM	MK82	ARSI	FT757GX, I V
14255.0	5	2014	10	13	0955	G7DF					HF MANPACK	QG52xi	WIA	VK4TJ
14295.0	8	2014	10	18	0345	A3E			TDJ		RADIO TADJIKISTAN SPUR	QG52xi	WIA	VK4TJ
14300.0	3	2014	10	7	0820	J3E/U					DAILY, ASIAN	QG52xi	WIA	VK4TJ
14300.0		2014	10	1	0905	A1A					DAILY, MIXED NUMBER/LETTER CIPHER	QG52xi	WIA	VK4TJ
14303.0	3	2014	10	9	0905	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14305.4	3	2014	10	1	0905	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14312.5	3	2014	10	22	0810	J3E/L					ASIAN	QG52xi	WIA	VK4TJ
14312.5	3	2014	10	1	0900	J3E/U					ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
14313.1	3	2014	10	31	0815	J3E/U					ASIAN, SOUNDS CHINES. AFTER SELCALL, BELOW	QG52xi	WIA	VK4TJ
14314.0	1	2014	10	31	0815	F1B					SELCALL TONES	QG52xi	WIA	VK4TJ
14317.0	2	2014	10	31	0820	F1B	1000				BURSTS	QG52xi	WIA	VK4TJ
14319.5	3	2014	10	21	0830	J3E/U					ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ
14340.0	20	2014	10	6	1930	P0N					CONTINUOUS	QG52xi	WIA	VK4TJ
14342.0	1	2014	10	16	0840	F1B	250				CONTINUOUS	QG52xi	WIA	VK4TJ
14343.0	3	2014	10	19	0905	J3E/U					ASIAN	QG52xi	WIA	VK4TJ
14350.0	20	2014	10	5	1940	P0N					CONTINUOUS	QG52xi	WIA	VK4TJ
18075.9	8	2014	10	18	0625	A3E					CHINA RADIO INTERNATIONAL	QG52xi	WIA	VK4TJ
18079.5	8	2014	10	18	0625	A3E					CHINA RADIO	QG52xi	WIA	VK4TJ

18092.0	8	2014	10	18	0625	A3E	200	PHL	INTERNATIONAL CHINA RADIO INTERNATIONAL	QG52xi	WIA	VK4TJ
18093.1	3	2014	10	18	0620	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
18107.0	1	2014	10	27	0855	F1B			CONTINUOUS	QG52xi	WIA	VK4TJ
18108.0	8	2014	10	18	0625	A3E			CHINA RADIO INTERNATIONAL	QG52xi	WIA	VK4TJ
18140.0	5	2014	10	18	0625	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
18146.9	3	2014	10	18	0825	J3E/U			TAGALOG SPEAKERS	QG52xi	WIA	VK4TJ
21000.0	3	2014	10	1	0855	J3E/U			DAILY, ASIAN	QG52xi	WIA	VK4TJ
21000.0	5	2014	10	20	0855	G7D			100'S OF SUBCARRIERS ON VERY SMALL INTERVALS	QG52xi	WIA	VK4TJ
21001.5	1	2014	10	3	0835	F1B	150	PHL		QG52xi	WIA	VK4TJ
21010.0	5	2014	10	1	0940	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21010.3	3	2014	10	21	1000	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
21015.0	5	2014	10	14	0935	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21020.0	5	2014	10	10	0940	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21025.0	5	2014	10	13	0940	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21027.5	3	2014	10	4	0030	J3E/U			DAILY, TAGALOG	QG52xi	WIA	VK4TJ
21030.0	5	2014	10	6	0900	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21055.0	5	2014	10	10	0835	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21060.0	5	2014	10	31	2340	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21060.2	3	2014	10	31	2340	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21060.5	3	2014	10	5	2350	J3E/U	"HELLOOOOO"	QG52xi	WIA	VK4TJ		
21065.0	5	2014	10	17	2215	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21075.0	150	2014	10	27	0700	P0N	LONG BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ		
21100.0	150	2014	10	27	0850	P0N	LONG BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ		
21105.0	5	2014	10	11	0930	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21111.1	3	2014	10	14	0940	J3E/L	DAILY, ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ		
21111.1	3	2014	10	19	0855	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21115.0	5	2014	10	4	2325	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21119.1	3	2014	10	11	0935	J3E/L	ASIAN	QG52xi	WIA	VK4TJ		
21120.0	5	2014	10	4	2320	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21121.6	3	2014	10	23	0905	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21122.8	3	2014	10	11	0935	J3E/U	ASIAN	QG52xi	WIA	VK4TJ		
21133.7	3	2014	10	3	0940	J3E/U	ASIAN, SOUNDS VIETNAMESE	QG52xi	WIA	VK4TJ		
21135.0	5	2014	10	10	0835	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21141.3	3	2014	10	6	0910	J3E/U	ASIAN, FAMILY NET	QG52xi	WIA	VK4TJ		
21150.0	5	2014	10	3	0945	G7DF	HF MANPACK	QG52xi	WIA	VK4TJ		
21200.0	10	2014	10	10	0935	VXX	PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ		
21200.0	20	2014	10	6	0525	P0N	SHORT BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ		

21210.0	5	2014	10	18	0635	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21210.0	10	2014	10	15	1120	VXX			PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21240.0	5	2014	10	31	0825	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21250.0	10	2014	10	29	0810	VXX			PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21265.0	10	2014	10	7	0825	VXX			PRECURSOR TO OTHR	QG52xi	WIA	VK4TJ
21290.0	5	2014	10	18	0640	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21290.0	20	2014	10	21	0940	P0N			OTHR, TRYING DIFFERENT PULSE RATES	QG52xi	WIA	VK4TJ
21355.0	5	2014	10	14	0945	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
21366.6	3	2014	10	6	0905	J3E/U			ASIAN, FISHBOATS, ENGINE NOISE	QG52xi	WIA	VK4TJ
21422.3	3	2014	10	27	0850	J3E/L			ASIAN, SOUNDS	QG52xi	WIA	VK4TJ
21425.0	20	2014	10	13	0945	P0N			TAGALOG OR BAHASA CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21430.0	20	2014	10	11	0935	P0N			CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
21450.0	20	2014	10	6	0525	P0N			SHORT BURSTS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
24905.0	6	2014	10	22	0820	A3E			ASIAN	QG52xi	WIA	VK4TJ
24910.0	5	2014	10	9	0810	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24915.0	5	2014	10	17	2205	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24915.0	6	2014	10	14	0905	A3E			ASIAN	QG52xi	WIA	VK4TJ
24925.0	6	2014	10	12	0610	A3E			ASIAN	QG52xi	WIA	VK4TJ
24935.0	6	2014	10	14	0900	A3E			ASIAN	QG52xi	WIA	VK4TJ
24937.5	6	2014	10	8	0915	A3E			ASIAN	QG52xi	WIA	VK4TJ
24945.0	5	2014	10	13	0900	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
24950.0	8	2014	10	20	0855	F3E			ASIAN	QG52xi	WIA	VK4TJ
24960.0	6	2014	10	19	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
24975.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
25000.0	40	2014	10	11	0945	P0N			CONTINUOUS	QG52xi	WIA	VK4TJ
28000.0	3	2014	10	13	0845	J3E/U			ASIAN	QG52xi	WIA	VK4TJ
28000.0	5	2014	10	4	0925	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28000.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28000.0	100	2014	10	14	0850	P0N		IRN	OTHR	QG52xi	WIA	VK4TJ
28000.2		2014	10	7	0830	A1A		4LFQ	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28005.0	5	2014	10	30	0850	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28005.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28006.5	3	2014	10	5	2220	J3E/U			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28008.3		2014	10	5	1100	A1A		4ION	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28010.0	5	2014	10	31	0930	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28012.5	8	2014	10	1	0810	F3E			ASIAN	QG52xi	WIA	VK4TJ
28015.0	6	2014	10	17	2030	A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28015.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28020.5		2014	10	24	0930	A1A		MB9	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28025.0	8	2014	10	1	0810	F3E			ASIAN	QG52xi	WIA	VK4TJ

28030.0	5	2014	10	31	2245	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28030.0	5	2014	10	14	0840	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28030.0	100	2014	10	16	0640	P0N		IRN	OTHR	QG52xi	WIA	VK4TJ
28035.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28037.5	8	2014	10	13	0845	F3E			ASIAN	QG52xi	WIA	VK4TJ
28045.0	6	2014	10	7	0910	A3E			ASIAN	QG52xi	WIA	VK4TJ
28050.0	5	2014	10	1	0810	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28050.0	8	2014	10	1	0850	F3E			ASIAN	QG52xi	WIA	VK4TJ
28052.7		2014	10	16	0640	A1A		3OBT	DRIFTNET BEACON	QG52xi	WIA	VK4TJ
28055.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28062.5	6	2014	10	3	0930	A3E			ASIAN	QG52xi	WIA	VK4TJ
28065.0	5	2014	10	4	2110	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28065.0	6	2014	10	3	2235	A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28065.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28075.0	6	2014	10	3	2205	A3E			SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28075.0	8	2014	10	1	0850	F3E			ASIAN	QG52xi	WIA	VK4TJ
28085.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28087.5	6	2014	10	3	0930	A3E			ASIAN	QG52xi	WIA	VK4TJ
28100.0	8	2014	10	1	0810	F3E			ASIAN	QG52xi	WIA	VK4TJ
28105.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28112.5	8	2014	10	3	0925	F3E			ASIAN	QG52xi	WIA	VK4TJ
28115.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28125.0	8	2014	10	1	0810	F3E			ASIAN	QG52xi	WIA	VK4TJ
28135.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28137.5	8	2014	10	3	0920	F3E			ASIAN	QG52xi	WIA	VK4TJ
28141.0	1	2014	10	18	0900	F1B			BURSTS	QG52xi	WIA	VK4TJ
28145.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28146.0	1	2014	10	18	0900	F1B			BURSTS	QG52xi	WIA	VK4TJ
28150.0	1	2014	10	5	2225	F1B	300		WAVERIDER BUOY	QG52xi	WIA	VK4TJ
28150.0	8	2014	10	1	0810	F3E			ASIAN	QG52xi	WIA	VK4TJ
28150.0	100	2014	10	9	0850	P0N		IRN	OTHR	QG52xi	WIA	VK4TJ
28155.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28160.0	30	2014	10	26	0350	P0N			OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
28162.5	6	2014	10	3	0920	A3E			ASIAN	QG52xi	WIA	VK4TJ
28165.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28175.0	8	2014	10	1	0850	F3E			ASIAN	QG52xi	WIA	VK4TJ
28185.0	8	2014	10	1	0850	F3E			ASIAN	QG52xi	WIA	VK4TJ
28187.5	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28190.0	5	2014	10	4	2150	G7DF			HF MANPACK	QG52xi	WIA	VK4TJ
28195.0	6	2014	10	1	0850	A3E			ASIAN	QG52xi	WIA	VK4TJ
28200.0	8	2014	10	1	0810	F3E			ASIAN	QG52xi	WIA	VK4TJ
28200.0	30	2014	10	25	0655	P0N			OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28205.0	6	2014	10	1	0810	A3E			ASIAN	QG52xi	WIA	VK4TJ
28212.5	8	2014	10	1	0850	F3E			ASIAN	QG52xi	WIA	VK4TJ

28215.0	6	2014	10	1	0910	A3E	IRN	ASIAN	QG52xi	WIA	VK4TJ
28225.0	8	2014	10	1	0810	F3E		ASIAN	QG52xi	WIA	VK4TJ
28230.0	6	2014	10	30	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28235.0	6	2014	10	1	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
28237.5	6	2014	10	3	0920	A3E		ASIAN	QG52xi	WIA	VK4TJ
28245.0	6	2014	10	1	0810	A3E		ASIAN	QG52xi	WIA	VK4TJ
28250.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28255.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28262.5	8	2014	10	3	0920	F3E		ASIAN	QG52xi	WIA	VK4TJ
28265.0	6	2014	10	1	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
28275.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28280.0	100	2014	10	9	0830	P0N		OTHR	QG52xi	WIA	VK4TJ
28280.0	8	2014	10	31	2320	F3E		ASIAN	QG52xi	WIA	VK4TJ
28285.0	5	2014	10	5	2230	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28285.0	6	2014	10	1	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
28287.5	6	2014	10	3	0915	A3E		ASIAN	QG52xi	WIA	VK4TJ
28295.0	6	2014	10	1	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
28300.0	5	2014	10	3	2155	G7DF		HF MANPACK	QG52xi	WIA	VK4TJ
28300.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28305.0	6	2014	10	4	2200	A3E		SPANISH SPEAKERS	QG52xi	WIA	VK4TJ
28305.0	6	2014	10	1	0815	A3E		ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
28312.5	6	2014	10	1	0910	A3E		ASIAN	QG52xi	WIA	VK4TJ
28315.0	3	2014	10	4	2200	J3E/U		SPANISH SPEAKERS, NO CALL SIGNS	QG52xi	WIA	VK4TJ
28315.0	6	2014	10	1	0910	A3E		ASIAN	QG52xi	WIA	VK4TJ
28320.0	3	2014	10	4	2200	J3E/U		SPANISH SPEAKERS, NO CALL SIGNS	QG52xi	WIA	VK4TJ
28325.0	8	2014	10	1	0845	F3E		ASIAN	QG52xi	WIA	VK4TJ
28335.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28337.5	6	2014	10	1	0910	A3E		ASIAN	QG52xi	WIA	VK4TJ
28350.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28355.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28362.5	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28365.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28375.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28385.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28387.5	6	2014	10	2	1025	A3E		ASIAN	QG52xi	WIA	VK4TJ
28395.0	6	2014	10	23	0955	A3E		ASIAN	QG52xi	WIA	VK4TJ
28400.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28405.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28412.5	6	2014	10	2	1025	A3E		ASIAN	QG52xi	WIA	VK4TJ
28415.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28425.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28430.0	6	2014	10	6	0705	A3E		ASIAN	QG52xi	WIA	VK4TJ
28435.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ

28437.5	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28445.0	6	2014	10	9	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28450.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28455.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28462.5	8	2014	10	1	0915	F3E		ASIAN	QG52xi	WIA	VK4TJ
28465.0	6	2014	10	1	0915	A3E		ASIAN	QG52xi	WIA	VK4TJ
28475.0	8	2014	10	1	0845	F3E		ASIAN	QG52xi	WIA	VK4TJ
28485.0	6	2014	10	1	0915	A3E		ASIAN	QG52xi	WIA	VK4TJ
28487.5	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28500.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28505.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28512.5	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28515.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28525.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28530.0	8	2014	10	2	1020	F3E		ASIAN	QG52xi	WIA	VK4TJ
28535.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28537.5	6	2014	10	2	1020	A3E		ASIAN	QG52xi	WIA	VK4TJ
28545.0	6	2014	10	23	0920	A3E		ASIAN	QG52xi	WIA	VK4TJ
28550.0	8	2014	10	2	1015	F3E		ASIAN	QG52xi	WIA	VK4TJ
28555.0	6	2014	10	1	0815	A3E		ASIAN	QG52xi	WIA	VK4TJ
28562.5	6	2014	10	1	0920	A3E		ASIAN	QG52xi	WIA	VK4TJ
28565.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28575.0	8	2014	10	1	0845	F3E		ASIAN	QG52xi	WIA	VK4TJ
28580.0	6	2014	10	31	2325	A3E		ASIAN	QG52xi	WIA	VK4TJ
28580.0	100	2014	10	23	0920	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28585.0	6	2014	10	2	1015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28587.5	8	2014	10	13	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28590.0	30	2014	10	15	0835	P0N		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28595.0	6	2014	10	2	1015	A3E		ASIAN	QG52xi	WIA	VK4TJ
28600.0	6	2014	10	6	0710	A3E		ASIAN	QG52xi	WIA	VK4TJ
28600.0	100	2014	10	1	0815	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28605.0	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28610.0	100	2014	10	26	0515	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28612.5	6	2014	10	7	0925	A3E		ASIAN	QG52xi	WIA	VK4TJ
28615.0	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28620.0	6	2014	10	8	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
28620.0	100	2014	10	2	1005	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28625.0	8	2014	10	2	1005	F3E		ASIAN	QG52xi	WIA	VK4TJ
28630.0	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28635.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28637.5	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28640.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28645.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
28650.0	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28655.0	6	2014	10	1	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ

28662.5	6	2014	10	1	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28665.0	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28675.0	8	2014	10	1	0815	F3E		ASIAN	QG52xi	WIA	VK4TJ
28685.0	6	2014	10	1	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28687.5	6	2014	10	2	1005	A3E		ASIAN	QG52xi	WIA	VK4TJ
28690.0	6	2014	10	1	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28695.0	6	2014	10	1	0820	A3E		ASIAN	QG52xi	WIA	VK4TJ
28700.0	6	2014	10	4	2205	A3E		ASIAN	QG52xi	WIA	VK4TJ
28705.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28712.5	8	2014	10	1	0840	F3E		ASIAN	QG52xi	WIA	VK4TJ
28715.0	6	2014	10	1	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28725.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28735.0	6	2014	10	1	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28737.5	6	2014	10	1	0820	A3E		ASIAN	QG52xi	WIA	VK4TJ
28740.0	5	2014	10	4	2210	G7DF		MANPACK RADIO	QG52xi	WIA	VK4TJ
28740.0	6	2014	10	30	0835	A3E		ASIAN	QG52xi	WIA	VK4TJ
28745.0	6	2014	10	1	0840	A3E		ASIAN	QG52xi	WIA	VK4TJ
28750.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28755.0	6	2014	10	1	0820	A3E		ASIAN	QG52xi	WIA	VK4TJ
28762.5	6	2014	10	4	2210	A3E		ASIAN	QG52xi	WIA	VK4TJ
28765.0	6	2014	10	2	0945	A3E		ASIAN	QG52xi	WIA	VK4TJ
28775.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28785.0	6	2014	10	23	0925	A3E		ASIAN	QG52xi	WIA	VK4TJ
28787.5	6	2014	10	2	0935	A3E		ASIAN	QG52xi	WIA	VK4TJ
28795.0	6	2014	10	8	0820	A3E		ASIAN	QG52xi	WIA	VK4TJ
28800.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28805.0	6	2014	10	1	0920	A3E		ASIAN	QG52xi	WIA	VK4TJ
28810.0	6	2014	10	2	0920	A3E		ASIAN	QG52xi	WIA	VK4TJ
28812.5	8	2014	10	3	0905	F3E		ASIAN	QG52xi	WIA	VK4TJ
28825.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28830.0	100	2014	10	31	0840	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28835.0	8	2014	10	1	0925	F3E		ASIAN	QG52xi	WIA	VK4TJ
28837.5	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28840.0	6	2014	10	31	2325	A3E		ASIAN	QG52xi	WIA	VK4TJ
28850.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28850.0	100	2014	10	30	0825	P0N	IRN	OTHR	QG52xi	WIA	VK4TJ
28855.0	6	2014	10	6	0715	A3E		ASIAN	QG52xi	WIA	VK4TJ
28862.5	8	2014	10	1	0925	F3E		ASIAN	QG52xi	WIA	VK4TJ
28865.0	6	2014	10	2	0910	A3E		ASIAN	QG52xi	WIA	VK4TJ
28870.0	30	2014	10	25	0620	P0N		OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
28875.0	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28880.0	6	2014	10	30	0835	A3E		ASIAN	QG52xi	WIA	VK4TJ
28887.5	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ
28900.0	8	2014	10	1	0840	F3E		ASIAN	QG52xi	WIA	VK4TJ
28912.5	8	2014	10	1	0820	F3E		ASIAN	QG52xi	WIA	VK4TJ

28925.0	8	2014	10	1	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28930.0	6	2014	10	4	2210	A3E	ASIAN	QG52xi	WIA	VK4TJ
28935.0	6	2014	10	31	0840	A3E	ASIAN	QG52xi	WIA	VK4TJ
28937.5	6	2014	10	1	0820	A3E	ASIAN	QG52xi	WIA	VK4TJ
28950.0	8	2014	10	1	0820	F3E	ASIAN	QG52xi	WIA	VK4TJ
28955.0	6	2014	10	8	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
28962.5	8	2014	10	1	0840	F3E	ASIAN	QG52xi	WIA	VK4TJ
28975.0	8	2014	10	1	0820	F3E	ASIAN	QG52xi	WIA	VK4TJ
28987.5	8	2014	10	2	0910	F3E	ASIAN	QG52xi	WIA	VK4TJ
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29005.0	6	2014	10	2	0910	A3E	ASIAN	QG52xi	WIA	VK4TJ
29012.5	8	2014	10	2	0910	F3E	ASIAN	QG52xi	WIA	VK4TJ
29015.0	6	2014	10	9	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29025.0	8	2014	10	1	0820	F3E	ASIAN	QG52xi	WIA	VK4TJ
29030.0	6	2014	10	31	0845	A3E	ASIAN	QG52xi	WIA	VK4TJ
29035.0	6	2014	10	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29037.5	8	2014	10	3	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29050.0	8	2014	10	1	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29062.5	8	2014	10	1	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29070.0	40	2014	10	20	0920	P0N	OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29075.0	8	2014	10	1	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29080.0	40	2014	10	30	0825	P0N	OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
29087.5	8	2014	10	2	0900	F3E	ASIAN	QG52xi	WIA	VK4TJ
29095.0	6	2014	10	2	0900	A3E	ASIAN	QG52xi	WIA	VK4TJ
29100.0	8	2014	10	1	0835	F3E	ASIAN	QG52xi	WIA	VK4TJ
29112.5	8	2014	10	2	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29115.0	6	2014	10	30	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29120.0	8	2014	10	3	0645	F3E	RUSSIAN TAXIS	QG52xi	WIA	VK4TJ
29125.0	8	2014	10	1	0835	F3E	ASIAN	QG52xi	WIA	VK4TJ
29137.5	8	2014	10	2	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29150.0	8	2014	10	1	0835	F3E	ASIAN	QG52xi	WIA	VK4TJ
29162.5	8	2014	10	2	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29165.0	6	2014	10	30	0830	A3E	ASIAN	QG52xi	WIA	VK4TJ
29175.0	8	2014	10	1	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29187.5	8	2014	10	2	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29195.0	8	2014	10	2	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29200.0	6	2014	10	1	0835	A3E	ASIAN	QG52xi	WIA	VK4TJ
29212.5	8	2014	10	1	0925	F3E	ASIAN	QG52xi	WIA	VK4TJ
29215.0	6	2014	10	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29225.0	8	2014	10	1	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ
29237.5	6	2014	10	1	0925	A3E	ASIAN	QG52xi	WIA	VK4TJ
29250.0	6	2014	10	1	0825	A3E	ASIAN	QG52xi	WIA	VK4TJ
29262.5	8	2014	10	3	0855	F3E	ASIAN	QG52xi	WIA	VK4TJ
29265.0	6	2014	10	25	0435	A3E	ASIAN	QG52xi	WIA	VK4TJ
29275.0	8	2014	10	1	0825	F3E	ASIAN	QG52xi	WIA	VK4TJ

29285.0	6	2014	10	2	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
29287.5	8	2014	10	2	0850	F3E		ASIAN	QG52xi	WIA	VK4TJ
29300.0	6	2014	10	2	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
29312.5	8	2014	10	3	0850	F3E		ASIAN	QG52xi	WIA	VK4TJ
29315.0	6	2014	10	31	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
29325.0	8	2014	10	1	0825	F3E		ASIAN	QG52xi	WIA	VK4TJ
29337.5	8	2014	10	2	0840	F3E		ASIAN	QG52xi	WIA	VK4TJ
29350.0	6	2014	10	1	0835	A3E		ASIAN	QG52xi	WIA	VK4TJ
29355.0	6	2014	10	31	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
29362.5	8	2014	10	2	0840	F3E		ASIAN	QG52xi	WIA	VK4TJ
29375.0	8	2014	10	1	0825	F3E		ASIAN	QG52xi	WIA	VK4TJ
29387.5	8	2014	10	1	0825	F3E		ASIAN	QG52xi	WIA	VK4TJ
29400.0	6	2014	10	1	0825	A3E		ASIAN	QG52xi	WIA	VK4TJ
29405.0	6	2014	10	31	0845	A3E		ASIAN	QG52xi	WIA	VK4TJ
29412.5	6	2014	10	1	0835	A3E		ASIAN	QG52xi	WIA	VK4TJ
29415.0	6	2014	10	9	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
29425.0	1	2014	10	4	2215	F1B	125	WAVERIDER BUOY	QG52xi	WIA	VK4TJ
29425.0	6	2014	10	1	0835	A3E		ASIAN	QG52xi	WIA	VK4TJ
29434.0	1	2014	10	30	0830	F1B	500		QG52xi	WIA	VK4TJ
29437.5	8	2014	10	1	0835	F3E		ASIAN	QG52xi	WIA	VK4TJ
29450.0	6	2014	10	1	0825	A3E		ASIAN	QG52xi	WIA	VK4TJ
29455.0	6	2014	10	4	2215	A3E		ASIAN	QG52xi	WIA	VK4TJ
29462.5	8	2014	10	1	0930	F3E		ASIAN	QG52xi	WIA	VK4TJ
29475.0	8	2014	10	1	0825	F3E		ASIAN	QG52xi	WIA	VK4TJ
29487.5	8	2014	10	2	0840	F3E		ASIAN	QG52xi	WIA	VK4TJ
29500.0	8	2014	10	1	0825	F3E		ASIAN	QG52xi	WIA	VK4TJ
29512.5	8	2014	10	6	0730	F3E		ASIAN	QG52xi	WIA	VK4TJ
29515.0	6	2014	10	3	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
29525.0	8	2014	10	1	0825	F3E		ASIAN	QG52xi	WIA	VK4TJ
29535.0	6	2014	10	31	2335	A3E		ASIAN	QG52xi	WIA	VK4TJ
29537.5	6	2014	10	1	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
29545.0	3	2014	10	31	2335	J3E/U		ASIAN	QG52xi	WIA	VK4TJ
29550.0	6	2014	10	2	0835	A3E		ASIAN	QG52xi	WIA	VK4TJ
29550.0	20	2014	10	8	0820	P0N		OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
29562.5	8	2014	10	1	0830	F3E		ASIAN	QG52xi	WIA	VK4TJ
29575.0	8	2014	10	1	0830	F3E		ASIAN	QG52xi	WIA	VK4TJ
29587.5	6	2014	10	3	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
29600.0	6	2014	10	1	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
29605.0	6	2014	10	9	0830	A3E		ASIAN	QG52xi	WIA	VK4TJ
29610.0	40	2014	10	19	0840	P0N		OTHR, CONTINUOUS, SLOW PULSE RATE	QG52xi	WIA	VK4TJ
29612.5	6	2014	10	2	0825	A3E		ASIAN	QG52xi	WIA	VK4TJ
29615.0	6	2014	10	31	0850	A3E		ASIAN	QG52xi	WIA	VK4TJ
29625.0	8	2014	10	1	0830	F3E		ASIAN	QG52xi	WIA	VK4TJ

29637.5	8	2014	10	1	0830
29645.0	6	2014	10	31	2340
29650.0	8	2014	10	1	0830
29655.0	6	2014	10	3	0820
29660.0	40	2014	10	25	0430
29662.5	8	2014	10	2	0825
29675.0	8	2014	10	1	0830
29687.5	8	2014	10	2	0825
29700.0	8	2014	10	1	0830

F3E
A3E
F3E
A3E
P0N
F3E
F3E
F3E
F3E

ASIAN	QG52xi	WIA	VK4TJ
ASIAN	QG52xi	WIA	VK4TJ
ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
ASIAN	QG52xi	WIA	VK4TJ
OTHR, CONTINUOUS	QG52xi	WIA	VK4TJ
ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
ASIAN	QG52xi	WIA	VK4TJ
ASIAN, SOUNDS CHINESE	QG52xi	WIA	VK4TJ
ASIAN	QG52xi	WIA	VK4TJ