



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



NOVEMBER 2015

Titon Dutono, YB3PET

Reports for November 2015 were received from the JARL and WIA.

This month there were 284 observations from JARL, and 520 observations from WIA. There were total 804 observations of intruders made across the Region.

OTH systems continue to be the most prominent intruders, on 10, 15 and 20 meters. These numerous intrusions are ongoing despite repeated reports to regulatory authorities.

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

There is the continual pirate activity using SSB on the lower and upper part of 40 meters and 10 meters FM/AM for local short-range communications in a number of Asian countries. More detail is 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 the monitoring coordinator, if you don't have a national monitoring coordinator.

For those who would like a CSV file of data please email me at: titondutono@gmail.com

Just a reminder that reports should be sent to the Monitoring Coordinator by the 14th day of each month.

Thanks for your support.

Titon YB3PET

Attachment of Data Report

JARL : 284 obsevation

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	
3502	0.5	2015	11	10	13:45	A1A					S6NP	Random Number	PM84UQ	JARL	
7039	0.5	2015	11	04	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	05	1030	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	05	1306	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	05	1850	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	06	1010	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	06	1110	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	06	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	06	1306	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	06	1804	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	07	0940	A1A			37	RUS	non	Beacon	PM 97	JARL	
7039	0.5	2015	11	07	1020	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	07	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	07	1810	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	08	0930	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	5	2015	11	08	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7039	0.5	2015	11	08	1820	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	17	1010	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	17	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	18	1214	PXX			non	non	non	unkown pulse only	PM 97	JARL	
7039	0.5	2015	11	19	1004	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	19	1006	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	19	1104	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	19	1640	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	19	1910	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	19	1914	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	20	1010	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	20	1110	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	20	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	20	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	20	1840	A1A			15	RUS	M--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	21	0930	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	
7039	0.5	2015	11	21	1010	A1A			37	RUS	K--signal	Beacon	PM 97	JARL	

7039	0.5	2015	11	21	1630	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	21	1820	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	22	1850	A3E	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	23	1010	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	23	1012	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	23	1910	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	23	1912	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	24	1010	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	24	1106	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	24	1210	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	24	1610	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	24	1904	A1A	37	CHN	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	25	1006	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	25	1208	PXX	non	non	non	pulse only doto	PM 97	JARL
7039	0.5	2015	11	26	0940	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	26	1208	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	26	1810	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	27	1010	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	27	1106	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	27	1208	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	27	1910	A1A	37	CHN	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	27	1912	A1A	15	CHN	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	28	1210	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	28	1212	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	28	1650	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	28	1830	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	0940	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	1010	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	1210	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	1612	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	1614	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	1840	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	29	1844	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	30	1010	A1A	15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	30	1110	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	30	1212	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	30	1620	A1A	37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2015	11	30	1830	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7040	0.5	2015	11	04	11:45	A1A				train of " K "	PM84UQ	JARL

7040	0.5	2015	11	06	11:59	A1A					train of " K "		PM84UQ	JARL
7040	0.5	2015	11	19	12:06	A1A					train of " M ", " K "		PM84UQ	JARL
7040	0.5	2015	11	20	11:20	A1A					train of " K ", " M "		PM84UQ	JARL
7070	0.5	2015	11	18	1210	PXX		non	non	non	unkown pulse only		PM 97	JARL
7200	5	2015	11	01	1230	A3E		non	non	non	unkown talk and music		PM 97	JARL
7200	4	2015	11	01	1234	A3E		non	non	non	unkown talk and music		PM 97	JARL
7200	5	2015	11	02	1210	A3E		non	non	non	unkown talk and music		PM 97	JARL
7200	4	2015	11	02	1214	A3E		non	non	non	unkown talk and music		PM 97	JARL
7200	5	2015	11	04	1150	A1A		37	RUS	K--signal	Beacon		PM 97	JARL
7200	5	2015	11	04	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after off	PM 97	JARL
7200	4	2015	11	04	1200	A3E		non	non	non	unkown talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	04	1300	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after off	PM 97	JARL
7200	5	2015	11	05	1020	A3E		non	non	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	05	1024	A3E		non	non	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	05	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2015	11	05	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	05	1300	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	05	1300	A3E		non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	06	0956	A3E		non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	06	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	06	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	06	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	06	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	06	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	3	2015	11	06	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	06	1300	A3E		non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	06	1300	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	07	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	07	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
											Chainese talk and music	Time signal 5+1 after		
7200	5	2015	11	07	1200	A3E		non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	07	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2015	11	08	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
											Chainese talk and music	Time signal 5+1 after		
7200	5	2015	11	08	1200	A3E		non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	08	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	08	1202	A3E		non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	08	1204	A3E		non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	09	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	09	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL

7200	5	2015	11	09	1200	A3E	non	CHN	non	Chainese talk and music Chainese talk and music	Time signal 5+1 Time signal 5+1 after	PM 97	JARL
7200	4	2015	11	09	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	5	2015	11	09	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	09	1200	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	10	1354	A3E	non	CHN	non	Chainese talk and music	13:58 Pro off after QRT	PM 97	JARL
7200	4	2015	11	10	1354	A3E	non	CHN	non	Chainese talk and music	13:59 Pro off after QRT	PM 97	JARL
7200	5	2015	11	11	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	11	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	11	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	11	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	11	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	11	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	12	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2015	11	12	1000	A3E	non	CHN	non	Chanese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	12	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	12	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	12	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	12	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2015	11	12	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	12	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	13	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	13	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	13	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	13	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	13	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	13	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	13	1208	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	14	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	14	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	14	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	14	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	14	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	14	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	15	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 1+1	PM 97	JARL
7200	3	2015	11	15	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	15	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL

7200	3	2015	11	15	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	15	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	3	2015	11	15	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	15	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	15	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	16	0945	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	1	2015	11	16	0957	A0N	non	CHN	non	no mode		PM 97	JARL
7200	5	2015	11	16	1000	A3E	non	CHN	non	Chainese talk and music	Time siganl 1+1	PM 97	JARL
7200	3	2015	11	16	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	16	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	16	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	16	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	3	2015	11	16	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	16	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	16	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	17	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	17	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	17	1100	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	17	1100	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	17	1200	A3E	non	CHN	non	Chainese talk and music	Time siganl 5+1 after	PM 97	JARL
7200	4	2015	11	17	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	5	2015	11	17	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	17	1206	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	17	1259	A3E	non	CHN	non	Chainese talk and music	QRT	PM 97	JARL
7200	4	2015	11	18	0950	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	1	2015	11	18	0957	A0N	non	CHN	non	no mod		PM 97	JARL
7200	5	2015	11	18	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 1+1	PM 97	JARL
7200	4	2015	11	18	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	18	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	18	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	18	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2015	11	18	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	5	2015	11	18	1202	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	18	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	18	1300	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	18	1300	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL

7200	1	2015	11	19	0957	A0N	non	CHN	non	no mod		PM 97	JARL
7200	5	2015	11	19	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	19	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	19	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
										Chainese talk and music	Time signal 5+1 after		
7200	5	2015	11	19	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	19	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	19	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	19	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	19	1256	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	20	1000	A3E	non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	3	2015	11	20	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	20	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	20	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
										Chainese talk and music	Time signal 5+1 after		
7200	5	2015	11	20	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	20	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	20	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	20	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	21	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2015	11	21	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	21	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	21	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
										Chainese talk and music	Time signal 5+1 after		
7200	5	2015	11	21	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	21	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	21	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	21	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	22	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	22	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	22	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	22	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
										Chainese talk and music	Time signal 5+1 after		
7200	5	2015	11	22	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	4	2015	11	22	1200	A3E	non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	4	2015	11	22	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	22	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	23	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	3	2015	11	23	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	23	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL

7200	4	2015	11	23	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	23	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2015	11	23	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	23	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	23	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	23	1300	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	3	2015	11	23	1300	A3E	non	CHN	non	QRT		PM 97	JARL
7200	5	2015	11	24	1000	A3E	non	CHN	non	Chainese talk and music	no time signal after QRT	PM 97	JARL
7200	4	2015	11	24	1000	A3E	non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	5	2015	11	24	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	24	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	24	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	24	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2015	11	24	1204	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	24	1206	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2015	11	25	1000	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	25	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	25	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 1+1	PM 97	JARL
7200	4	2015	11	25	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	25	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	25	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2015	11	25	1202	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	25	1204	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	25	1258	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	26	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	26	1000	A3E	non	CHN	non	Chainese talk and music	QRT	PM 97	JARL
7200	5	2015	11	26	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 1+1	PM 97	JARL
7200	3	2015	11	26	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	26	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2015	11	26	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2015	11	26	1202	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	26	1204	A3E	non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	5	2015	11	27	1000	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	27	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 4+1	PM 97	JARL
7200	5	2015	11	27	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 2+1	PM 97	JARL
7200	3	2015	11	27	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	27	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL

7200	5	2015	11	27	1200	A3E	non	CHN	non	Chainese talk and music QRT	Time signal 5+1 after	PM 97	JARL
7200	3	2015	11	27	1200	A3E	non	CHN	non	Chainese talk and music	no Time signal	PM 97	JARL
7200	4	2015	11	27	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	27	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2015	11	28	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	28	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	5	2015	11	28	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	28	1100	A3E	non	CHN	non	Chainese talk and music Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	28	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	28	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2015	11	28	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	28	1204	A3E	non	CHN	non	Chainese talk and music Chainese talk and music		PM 97	JARL
7200	3	2015	11	28	1300	A3E	non	CHN	non	QRT	Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	29	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	3	2015	11	29	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	29	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	29	1100	A3E	non	CHN	non	Chainese talk and music Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	29	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	29	1200	A3E	non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	4	2015	11	29	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	29	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2015	11	29	1300	A3E	non	CHN	non	Chainese talk and music	no time signal after QRT	PM 97	JARL
7200	5	2015	11	30	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	3	2015	11	30	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2015	11	30	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2015	11	30	1100	A3E	non	CHN	non	Chainese talk and music Chainese talk and music	Time signal 3+1 Time signal 5+1 after	PM 97	JARL
7200	5	2015	11	30	1200	A3E	non	CHN	non	QRT		PM 97	JARL
7200	3	2015	11	30	1200	A3E	non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	4	2015	11	30	1202	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2015	11	30	1204	A3E	non	CHN	non	Chainese talk and music		PM 97	JARL

WIA: 520 observations

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3523.5		2015	11	1	1915		N0N							QG62an	WIA	VK4TJ
3542.0	5	2015	11	11	1855		G7D							QG62an	WIA	VK4TJ
3550.0	50	2015	11	30	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3550.0	4	2015	11	17	1950		G7D						4 SUBCARRIERS ON 400 HZ INTERVALS	QG62an	WIA	VK4TJ
3553.0	5	2015	11	1	1915		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3557.0	1	2015	11	17	1950		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3561.0	1	2015	11	17	1950		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3574.0	3	2015	11	1	1915		J1C						FAX	QG62an	WIA	VK4TJ
3580.0	5	2015	11	11	1915		G7D						DOZENS OF CLOSE-SPACED SUBCARRIERS	QG62an	WIA	VK4TJ
3585.0	3	2015	11	1	0915		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ
3590.0	1	2015	11	5	1955		F1A						QRJ	QG62an	WIA	VK4TJ
3602.0	3	2015	11	19	0955		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ
3606.0	1	2015	11	1	1915		F1B						IDLING	QG62an	WIA	VK4TJ
3622.5	3	2015	11	1	1920		J1C				JPN	JMH	FAX	QG62an	WIA	VK4TJ
3642.0		2015	11	1	1930		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3658.0		2015	11	1	1920		A1A				RUS	V	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
3673.0	3	2015	11	12	1935		J3E/U				NED		COAST GUARD	QG62an	WIA	VK4TJ
3674.0		2015	11	11	1920		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3700.0	80	2015	11	17	2000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3750.0	50	2015	11	5	1930		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3771.0		2015	11	11	1910		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3772.0		2015	11	19	0945		A1A					A4JC	OVER & OVER	QG62an	WIA	VK4TJ
3777.0		2015	11	1	1920		A1A					RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3780.0	1	2015	11	11	1025		F1B						IDLING	QG62an	WIA	VK4TJ
3781.0	3	2015	11	11	1000		J3E/U						CHINESE, READING LIST (TWICE)	QG62an	WIA	VK4TJ
3781.0		2015	11	11	1000		A1A						VVV DKL GK	QG62an	WIA	VK4TJ
6750.0	300	2015	11	1	1920		G7D						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000.0		2015	11	24	0930		N0N							QG62an	WIA	VK4TJ

7000.0	3	2015	11	1	0905	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7002.0	5	2015	11	24	0930	G7D		8 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
7005.0	3	2015	11	2	0900	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2015	11	12	0930	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	11	2	0900	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2015	11	2	1030	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	11	3	0915	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2015	11	13	1025	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7019.0	3	2015	11	30	0840	J3E/U	INS	VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	11	1	0910	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2015	11	3	0930	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	11	2	1000	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	3	2015	11	13	0950	J3E/U	INS	VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	5	2015	11	1	1925	G1D		SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
7030.0	3	2015	11	1	0905	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030.0	3	2015	11	19	0855	J3E/U	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7031.5	3	2015	11	13	0915	J3E/U	INS	VILLAGE RADIO	QG62an	WIA	VK4TJ
7035.0	3	2015	11	2	0900	J3E/L	INS	DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.0	3	2015	11	16	0945	J3E/U	INS	VILLAGE RADIO	QG62an	WIA	VK4TJ
7039.3		2015	11	7	1950	A1A	RUS K	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7039.4		2015	11	9	0855	A1A	RUS M	DAILY, HARBOUR BEACON	QG62an	WIA	VK4TJ
7050.0		2015	11	11	1900	A1A	4XZ	NUMBER CIPHER	QG62an	WIA	VK4TJ
7050.0	3	2015	11	11	1850	J3E/L		ABBA "DANCING QUEEN" ON REPEAT	QG62an	WIA	VK4TJ
7050.0	3	2015	11	11	0745	J3E/U		ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
7051.0	1	2015	11	30	2000	F1B		ALE	QG62an	WIA	VK4TJ
7051.0	3	2015	11	3	2050	J3E/U		DAILY, ASIAN	QG62an	WIA	VK4TJ
7054.0	1	2015	11	1	1925	F1B		IDLING	QG62an	WIA	VK4TJ
7057.0	5	2015	11	12	2010	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7080.0	20	2015	11	7	1950	VXX		CODAR	QG62an	WIA	VK4TJ
7090.0	120	2015	11	7	2120	P0N		OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
7100.0	3	2015	11	1	0910	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7100.4		2015	11	11	1850	A1A		NUMBER CIPHER	QG62an	WIA	VK4TJ

7103.0		2015	11	30	2000	A1A			MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7111.0	1	2015	11	13	2045	F1B	250		CONTINUOUS	QG62an	WIA	VK4TJ
7120.0	8	2015	11	11	1850	A3E		SOM	RADIO HARGEISA	QG62an	WIA	VK4TJ
7120.0	20	2015	11	4	2005	VXX			CODAR	QG62an	WIA	VK4TJ
7134.0	1	2015	11	11	1850	F1B			CONTINUOUS	QG62an	WIA	VK4TJ
7135.0	3	2015	11	16	0950	J3E/U			ASIAN, SOUNDS BAHASA	QG62an	WIA	VK4TJ
7136.0	1	2015	11	25	1015	F1B			ALE	QG62an	WIA	VK4TJ
7142.0		2015	11	30	0855	A1A			MIXED NUMBER/LETTER CIPHER. SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7143.0	5	2015	11	30	1950	G7D			BURSTS, DOZENS OF SUBCARRIERS OB CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7146.0		2015	11	5	2145	A1A			MIXED NUMBER/LETTER CIPHER. SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7150.0	3	2015	11	16	0950	J3E/U			ASIAN, SOUNDS BAHASA	QG62an	WIA	VK4TJ
7150.0	20	2015	11	10	2020	VXX			CODAR	QG62an	WIA	VK4TJ
7150.0	100	2015	11	1	0915	P0N		CHN	OTHR	QG62an	WIA	VK4TJ
7152.0	5	2015	11	24	0915	G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7155.0	3	2015	11	16	0955	J3E/U			ASIAN, SOUNDS BAHASA	QG62an	WIA	VK4TJ
7156.0	5	2015	11	24	0915	G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7162.0		2015	11	10	1020	A1A			MIXED NUMBER/LETTER CIPHER. SOME NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
7166.0	3	2015	11	13	2050	J3E/U		PNG	TOK PIDGIN LANGUAGE, COMMERCIAL FISHING	QG62an	WIA	VK4TJ
7171.0	3	2015	11	4	2005	J3E/U			DAILY, ASIAN FAMILY NET, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
7175.0	50	2015	11	1	1925	P0N		CHN	OTHR	QG62an	WIA	VK4TJ
7180.0	5	2015	11	1	2140	G7D			DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ

7186.7	3	2015	11	17	2005	J3E/U		ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7196.0	5	2015	11	16	0955	G1D		SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
7200.0	8	2015	11	1	1010	A3E		DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
10130.0	10	2015	11	8	2100	P0N		OTHR, BURSTS, BEEP TONE	QG62an	WIA	VK4TJ
14000.0		2015	11	24	0930	N0N			QG62an	WIA	VK4TJ
14000.0	20	2015	11	6	0830	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14000.0	3	2015	11	4	0850	J3E/U		DAILY, ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
14002.0	1	2015	11	24	0845	F1B		ALE	QG62an	WIA	VK4TJ
14002.0	3	2015	11	3	2115	J1C			QG62an	WIA	VK4TJ
14005.0		2015	11	21	0850	A1A		MIXED NUMBER/LETTER CIPHER. SOME NON- ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
14005.0	3	2015	11	20	0930	J3E/L		ASIAN, SOUNDS BAHASA	QG62an	WIA	VK4TJ
14010.0	3	2015	11	4	1015	J3E/L		DAILY, ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14010.0	3	2015	11	12	1010	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14011.0	3	2015	11	17	0940	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14014.0	3	2015	11	12	1005	J3E/U		DAILY, ASIAN	QG62an	WIA	VK4TJ
14024.0	5	2015	11	16	0815	F1B		ALE	QG62an	WIA	VK4TJ
14035.5	3	2015	11	17	0945	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14040.0	1	2015	11	30	0810	F1B		ALE	QG62an	WIA	VK4TJ
14040.0	3	2015	11	4	0850	J3E/U		ASIAN, COUNTING IN ENGLISH	QG62an	WIA	VK4TJ
14043.5	3	2015	11	2	0840	J3E/L		DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14045.0	1	2015	11	16	1005	F1B		BURSTS	QG62an	WIA	VK4TJ
14046.2	3	2015	11	25	0915	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14048.0	3	2015	11	20	0550	J3E/U	PHL	DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050.0	3	2015	11	24	2155	J3E/L		DAILY, ASIAN	QG62an	WIA	VK4TJ
14050.0	3	2015	11	11	2205	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14050.0	1	2015	11	16	0815	F1B	250	CONTINUOUS	QG62an	WIA	VK4TJ
14050.6	3	2015	11	16	1005	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14051.0	1	2015	11	24	1020	F1B		ALE	QG62an	WIA	VK4TJ
14054.8	3	2015	11	4	0855	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14055.0		2015	11	13	0855	A1A		LETTER CIPHER	QG62an	WIA	VK4TJ
14055.0	2	2015	11	8	0720	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ

14057.7	3	2015	11	21	0850	J3E/U			DAILY, ASIAN	QG62an	WIA	VK4TJ
14059.8	3	2015	11	16	1010	J3E/L			ASIAN	QG62an	WIA	VK4TJ
14060.0	30	2015	11	23	1005	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14064.8	3	2015	11	13	0855	J3E/U			ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14066.0	3	2015	11	12	1005	J3E/L			DAILY, ASIAN	QG62an	WIA	VK4TJ
14066.8	3	2015	11	16	0820	J3E/U			SOUNDS ARABIC	QG62an	WIA	VK4TJ
14079.5	3	2015	11	16	1010	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14080.0	2	2015	11	21	0645	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14090.0	10	2015	11	22	0535	P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14090.0	2	2015	11	22	0125	G7DF			MANPACK RADIO	QG62an	WIA	VK4TJ
14095.0	170	2015	11	2	0435	P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14107.0	3	2015	11	24	1025	J3E/L			ASIAN	QG62an	WIA	VK4TJ
14110.0	20	2015	11	23	0715	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14113.8	3	2015	11	24	1025	J3E/L			ASIAN	QG62an	WIA	VK4TJ
14121.2	3	2015	11	14	2150	J3E/L			ASIAN	QG62an	WIA	VK4TJ
14124.0	5	2015	11	10	0825	G1D			BURSTS	QG62an	WIA	VK4TJ
14128.0	5	2015	11	16	0820	G7D			12 SUBCARRIERS ON 120 HZ INTERVALS	QG62an	WIA	VK4TJ
14128.0	1	2015	11	1	0635	F1B	800		SHORT BURSTS	QG62an	WIA	VK4TJ
14135.0	20	2015	11	24	1020	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14150.0	3	2915	11	24	1025	J3E/U		PHL	TAGALOG SPEAKERS, FISHBOATS	QG62an	WIA	VK4TJ
14150.0	170	2015	11	25	0545	P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14152.0	3	2015	11	4	1020	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14157.0	3	2015	11	12	1025	J3E/U			ASIAN	QG62an	WIA	VK4TJ
14160.0	100	2015	11	26	0335	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14160.0	50	2015	11	18	0915	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14169.8	1	2015	11	23	0710	F1B	200		CONTINUOUS	QG62an	WIA	VK4TJ
14170.0	170	2015	11	6	0835	P0N			OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14175.0	20	2015	11	25	0900	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14175.0	20	2015	11	4	0930	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
14180.0	50	2015	11	26	0755	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14180.0	200	2015	11	26	<0645 - 0700>	P0N	110		Mideast	QG62ni	WIA	VK4CC
14185.0	15	2015	11	7	2140	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
14192.0	1	2015	11	4	1020	F1B			CONTINUOUS	QG62an	WIA	VK4TJ
14209.0	3	2015	11	16	1015	J3E/L			SPANISH SPEAKERS	QG62an	WIA	VK4TJ

14232.2	3	2015	11	4	0935	J3E/L	TJK	ASIAN	QG62an	WIA	VK4TJ
14238.0	1	2015	11	1	1930	F1B		ALE	QG62an	WIA	VK4TJ
14253.0	3	2015	11	4	1020	J3E/U		ASIAN FAMILY NET, FOLLOWS G7D BELOW	QG62an	WIA	VK4TJ
14254.0	5	2015	11	4	1020	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14275.0	10	2015	11	23	0720	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14280.0	10	2015	11	23	0720	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14288.7	3	2015	11	16	1020	J3E/U		ASIAN, NO CALL SIGNS - EVER	QG62an	WIA	VK4TJ
14295.0	3	2015	11	19	0915	J3E/L		ASIAN	QG62an	WIA	VK4TJ
14295.0	8	2015	11	9	1015	A3E		3RD HARMONIC, RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14301.5	5	2015	11	1	0650	G7D		DAILY	QG62an	WIA	VK4TJ
14319.0	3	2015	11	8	2110	J3E/L	TJK	ASIAN, SOUNDS KHMER	QG62an	WIA	VK4TJ
14328.0	3	2015	11	4	1030	J3E/L		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14333.0	3	2015	11	19	0925	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14334.0	1	2015	11	19	0925	F1B		ALE	QG62an	WIA	VK4TJ
14335.0	2	2015	11	18	0925	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14335.5	3	2015	11	10	0900	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14336.8	3	2015	11	12	1020	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14338.0	5	2015	11	12	2115	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14345.0	15	2015	11	9	1020	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14350.6	3	2015	11	9	1020	J3E/L		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18070.0	10	2015	11	12	2350	P0N	TJK	OTHR, BURSTS	QG62an	WIA	VK4TJ
18090.0	20	2015	11	22	0900	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
18090.0	5	2015	11	4	1010	G7D		DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
18110.0	5	2015	11	16	0805	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
18110.0	3	2015	11	16	0805	J3E/U		ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
18120.0	15	2015	11	22	0900	VXX		CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
18120.0	1	2015	11	22	0840	F1B		ALE	QG62an	WIA	VK4TJ
18124.0	1	2015	11	4	0940	F1B		SHORT BURSTS	QG62an	WIA	VK4TJ
18134.0	1	2015	11	23	0725	F1B		SHORT BURSTS	QG62an	WIA	VK4TJ
18155.0	5	2015	11	4	1010	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ

18190.0	100	2015	11	1	0630	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21000.0	20	2015	11	23	0735	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21000.0	3	2015	11	19	2245	J3E/U	ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21005.0	20	2015	11	20	0120	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21010.0	100	2015	11	26	0345	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21010.0	20	2015	11	9	0050	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21025.0	20	2015	11	27	0925	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21030.0	30	2015	11	1	0355	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21048.0	3	2015	11	16	2155	J3E/U	SPANISH SPEAKERS	QG62an	WIA	VK4TJ
21059.0	3	2015	11	22	0100	J3E/U	ASIAN	QG62an	WIA	VK4TJ
21060.0	5	2015	11	1	0605	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
21065.0	5	2015	11	12	2235	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
21100.0	10	2015	11	20	0820	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21100.0	20	2015	11	27	0840	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21125.0	5	2015	11	27	0835	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
21130.0	15	2015	11	23	0455	P0N	OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21140.0	20	2015	11	26	0110	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21155.0	20	2015	11	19	0210	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21157.0	3	2015	11	19	0025	J3E/U	ASIAN, SOUNDS CHINESE, NO CALLS	QG62an	WIA	VK4TJ
21175.0	20	2015	11	22	0835	P0N	BURSTS	QG62an	WIA	VK4TJ
21183.9	3	2015	11	17	0920	J3E/U	ASIAN, SOUNDS CHINESE, NO CALLS	QG62an	WIA	VK4TJ
21185.0	20	2015	11	18	2330	P0N	BURSTS	QG62an	WIA	VK4TJ
21190.0	20	2015	11	16	0840	P0N	CONTINUOUS	QG62an	WIA	VK4TJ
21200.0	15	2015	11	20	2105	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21200.0	20	2015	11	19	0535	P0N	BURSTS	QG62an	WIA	VK4TJ
21201.5	1	2015	11	12	0705	F1B	BURSTS	QG62an	WIA	VK4TJ
21205.0	15	2015	11	2	2140	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21210.0	10	2015	11	20	0210	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21210.0	15	2015	11	1	2115	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21215.0	15	2015	11	4	1000	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21222.3	3	2015	11	6	0045	J3E/L	ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21225.0	10	2015	11	25	0805	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21225.0	20	2015	11	22	0755	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ

21225.0	15	2015	11	13	0720	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21230.0	20	2015	11	17	0925	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21235.0	15	2015	11	23	0400	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21240.0	10	2015	11	20	0615	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21240.0	15	2015	11	25	0345	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21245.0	15	2015	11	20	0225	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21245.0	10	2015	11	19	0145	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21250.0	10	2015	11	12	2335	P0N	OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21250.0	15	2015	11	1	0355	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21255.0	15	2015	11	23	0410	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21260.0	15	2015	11	9	0205	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21265.0	20	2015	11	20	0240	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21270.0	15	2015	11	1	0615	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21270.0	10	2015	11	1	0555	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21280.0	15	2015	11	12	0625	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21280.0	10	2015	11	4	1000	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21290.0	10	2015	11	10	0730	P0N	OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21295.0	10	2015	11	1	0345	P0N	OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21300.0	10	2015	11	22	0840	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21315.0	10	2015	11	1	0405	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21325.0	10	2015	11	1	0210	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21331.0	1	2015	11	2	0855	F1B	ALE	QG62an	WIA	VK4TJ
21333.4	3	2015	11	17	0930	J3E/L	ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
21335.0	10	2015	11	4	0330	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21345.0	20	2015	11	22	0835	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21345.0	20	2015	11	19	0510	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21360.0	10	2015	11	4	0330	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21365.0	25	2015	11	4	0730	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21375.0	20	2015	11	16	0515	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ

21380.0	10	2015	11	1	0605	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21390.0	20	2015	11	16	0730	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21390.0	10	2015	11	20	0815	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21395.0	10	2015	11	23	0500	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21400.0	170	2015	11	10	0240	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21400.0	10	2015	11	20	0210	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21405.0	10	2015	11	12	2335	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21415.0	10	2015	11	16	0715	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21420.0	10	2015	11	1	0555	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21420.0	5	2015	11	1	0600	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
21425.0	10	2015	11	19	0255	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21430.0	15	2015	11	23	0740	P0N		OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21485.0	170	2015	11	9	0210	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
24887.5	8	2015	11	6	0055	F3E		ASIAN	QG62an	WIA	VK4TJ
24900.0	20	2015	11	15	0245	P0N		OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
24900.0	8	2015	11	17	0225	F3E		ASIAN	QG62an	WIA	VK4TJ
24912.5	8	2015	11	9	0825	F3E		ASIAN	QG62an	WIA	VK4TJ
24925.0	8	2015	11	6	0120	F3E		ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2015	11	1	0710	A3E		ASIAN	QG62an	WIA	VK4TJ
24937.5	8	2015	11	6	0055	F3E		ASIAN	QG62an	WIA	VK4TJ
24950.0	8	2015	11	6	0100	F3E		ASIAN	QG62an	WIA	VK4TJ
24955.0	6	2015	11	7	0310	A3E		ASIAN	QG62an	WIA	VK4TJ
24962.5	8	2015	11	4	2250	F3E		ASIAN	QG62an	WIA	VK4TJ
24975.0	8	2015	11	4	2250	F3E		ASIAN	QG62an	WIA	VK4TJ
24985.0	6	2015	11	7	0320	A3E		ASIAN	QG62an	WIA	VK4TJ
24987.5	8	2015	11	6	0055	F3E		ASIAN	QG62an	WIA	VK4TJ
26060.0	6	2015	11	15	0140	A3E		ASIAN	QG62an	WIA	VK4TJ
28000.0	6	2015	11	1	0125	A3E		ASIAN	QG62an	WIA	VK4TJ
28005.0	6	2015	11	1	0710	A3E		ASIAN	QG62an	WIA	VK4TJ
28008.3		2015	11	4	2320	A1A	4ION	DRIFTNET BEACON	QG62an	WIA	VK4TJ
28012.5	8	2015	11	1	2325	F3E		ASIAN	QG62an	WIA	VK4TJ
28015.0	6	2015	11	1	0715	A3E		ASIAN	QG62an	WIA	VK4TJ
28017.5	6	2015	11	1	0715	A3E		ASIAN	QG62an	WIA	VK4TJ

28025.0	200	2015	11	20	0840	P0N	IRN	OTHR	QG62an	WIA	VK4TJ
28025.0	8	2015	11	1	0355	F3E		ASIAN	QG62an	WIA	VK4TJ
28035.0	6	2015	11	1	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28037.5	8	2015	11	1	2330	F3E		ASIAN	QG62an	WIA	VK4TJ
28040.0	6	2015	11	1	2320	A3E		ASIAN	QG62an	WIA	VK4TJ
28040.1		2015	11	4	2335	A1A	4NAY	DRIFTNET BEACON	QG62an	WIA	VK4TJ
28041.4	3	2015	11	22	0030	J3E/U		ASIAN	QG62an	WIA	VK4TJ
28045.0	6	2015	11	18	0100	A3E		ASIAN	QG62an	WIA	VK4TJ
28050.0	8	2015	11	1	0125	F3E		ASIAN	QG62an	WIA	VK4TJ
28055.0	6	2015	11	1	0125	A3E		ASIAN	QG62an	WIA	VK4TJ
28062.5	8	2015	11	1	2315	F3E		ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2015	11	1	0350	A3E		ASIAN	QG62an	WIA	VK4TJ
28075.0	6	2015	11	1	0715	A3E		ASIAN	QG62an	WIA	VK4TJ
28085.0	6	2015	11	1	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28087.5	8	2015	11	1	2355	F3E		ASIAN	QG62an	WIA	VK4TJ
28095.0	6	2015	11	2	0755	A3E		ASIAN	QG62an	WIA	VK4TJ
28100.0	8	2015	11	1	0120	F3E		ASIAN	QG62an	WIA	VK4TJ
28105.0	6	2015	11	1	0125	A3E		ASIAN	QG62an	WIA	VK4TJ
28112.5	8	2015	11	2	0010	F3E		ASIAN	QG62an	WIA	VK4TJ
28115.0	30	2015	11	2	0010	VXX		SLOW CODAR?	QG62an	WIA	VK4TJ
28115.0	6	2015	11	1	0350	A3E		ASIAN	QG62an	WIA	VK4TJ
28125.0	8	2015	11	1	0350	F3E		ASIAN	QG62an	WIA	VK4TJ
28128.0	6	2015	11	7	0610	A3E		ASIAN	QG62an	WIA	VK4TJ
28135.0	6	2015	11	2	0015	A3E		ASIAN	QG62an	WIA	VK4TJ
28137.5	8	2015	11	3	0015	F3E		ASIAN	QG62an	WIA	VK4TJ
28145.0	6	2015	11	1	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28150.0	8	2015	11	2	0020	F3E		ASIAN	QG62an	WIA	VK4TJ
28155.0	6	2015	11	1	0720	A3E		ASIAN	QG62an	WIA	VK4TJ
28162.5	8	2015	11	2	0030	F3E		ASIAN	QG62an	WIA	VK4TJ
28165.0	6	2015	11	1	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28175.0	8	2015	11	1	0120	F3E		ASIAN	QG62an	WIA	VK4TJ
28185.0	6	2015	11	1	0125	A3E		ASIAN	QG62an	WIA	VK4TJ
28187.5	8	2015	11	2	0030	F3E		ASIAN	QG62an	WIA	VK4TJ
28195.0	6	2015	11	1	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28200.0	8	2015	11	1	0125	F3E		ASIAN	QG62an	WIA	VK4TJ
28205.0	6	2015	11	1	0350	A3E		ASIAN	QG62an	WIA	VK4TJ
28212.5	8	2015	11	3	0035	F3E		ASIAN	QG62an	WIA	VK4TJ
28215.0	6	2015	11	1	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2015	11	1	0120	F3E		ASIAN	QG62an	WIA	VK4TJ

28235.0	6	2015	11	1	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28237.5	8	2015	11	7	0610	F3E	ASIAN	QG62an	WIA	VK4TJ
28245.0	6	2015	11	2	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28250.0	8	2015	11	2	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28255.0	6	2015	11	1	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28262.5	8	2015	11	2	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28265.0	6	2015	11	1	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28275.0	8	2015	11	1	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2015	11	1	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28287.5	8	2015	11	2	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28291.5	6	2015	11	22	0035	A3E	ASIAN	QG62an	WIA	VK4TJ
28295.0	6	2015	11	1	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28300.0	6	2015	11	1	0350	A3E	ASIAN	QG62an	WIA	VK4TJ
28305.0	6	2015	11	1	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28312.5	8	2015	11	2	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28315.0	6	2015	11	1	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28325.0	6	2015	11	1	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28335.0	6	2015	11	1	0345	A3E	ASIAN	QG62an	WIA	VK4TJ
28337.5	8	2015	11	2	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
28350.0	8	2015	11	1	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28355.0	6	2015	11	1	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28362.5	8	2015	11	1	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28365.0	6	2015	11	1	0345	A3E	ASIAN	QG62an	WIA	VK4TJ
28375.0	8	2015	11	1	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28385.0	6	2015	11	1	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28387.5	8	2015	11	2	0110	F3E	ASIAN	QG62an	WIA	VK4TJ
28400.0	8	2015	11	1	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28405.0	6	2015	11	1	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28412.5	8	2015	11	2	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28415.0	6	2015	11	1	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28425.0	8	2015	11	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28435.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28437.5	8	2015	11	2	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28450.0	8	2015	11	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28455.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28462.5	8	2015	11	6	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
28465.0	6	2015	11	1	0345	A3E	ASIAN	QG62an	WIA	VK4TJ
28475.0	8	2015	11	1	0100	F3E	ASIAN	QG62an	WIA	VK4TJ
28485.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ

28487.5	8	2015	11	9	0410	F3E	ASIAN	QG62an	WIA	VK4TJ
28490.0	6	2015	11	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28500.0	8	2015	11	1	0345	F3E	ASIAN	QG62an	WIA	VK4TJ
28505.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28512.5	8	2015	11	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28515.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28525.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28535.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28537.5	8	2015	11	1	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28550.0	6	2015	11	1	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28555.0	6	2015	11	1	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28562.5	8	2015	11	2	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
28565.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28575.0	8	2015	11	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28585.0	6	2015	11	1	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28587.5	8	2015	11	2	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
28595.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28600.0	8	2015	11	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28605.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28612.5	8	2015	11	6	0420	F3E	ASIAN	QG62an	WIA	VK4TJ
28615.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28620.0	6	2015	11	18	1010	A3E	ASIAN	QG62an	WIA	VK4TJ
28625.0	8	2015	11	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28635.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28637.5	8	2015	11	2	0150	F3E	ASIAN	QG62an	WIA	VK4TJ
28640.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28645.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28650.0	8	2015	11	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28655.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28662.5	8	2015	11	6	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
28665.0	6	2015	11	1	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28675.0	6	2015	11	1	0325	A3E	ASIAN	QG62an	WIA	VK4TJ
28685.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28687.5	8	2015	11	6	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
28690.0	200	2015	11	1	0325	P0N	OTHR	QG62an	WIA	VK4TJ
28695.0	6	2015	11	1	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28700.0	8	2015	11	1	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28705.0	6	2015	11	1	0055	A3E	ASIAN	QG62an	WIA	VK4TJ
28712.5	8	2015	11	1	0135	F3E	ASIAN	QG62an	WIA	VK4TJ

28715.0	6	2015	11	1	0135	A3E		ASIAN	QG62an	WIA	VK4TJ
28725.0	8	2015	11	1	0055	F3E		ASIAN	QG62an	WIA	VK4TJ
28735.0	6	2015	11	1	0055	A3E		ASIAN	QG62an	WIA	VK4TJ
28737.5	8	2015	11	2	0235	F3E		ASIAN	QG62an	WIA	VK4TJ
28745.0	6	2015	11	1	0320	A3E		ASIAN	QG62an	WIA	VK4TJ
28750.0	8	2015	11	1	0320	F3E		ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2015	11	1	0135	A3E		ASIAN	QG62an	WIA	VK4TJ
28762.5	8	2015	11	2	0240	F3E		ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2015	11	1	0320	A3E		ASIAN	QG62an	WIA	VK4TJ
28775.0	8	2015	11	1	0055	F3E		ASIAN	QG62an	WIA	VK4TJ
28785.0	6	2015	11	17	0200	A3E		ASIAN	QG62an	WIA	VK4TJ
28787.5	8	2015	11	2	0240	F3E		ASIAN	QG62an	WIA	VK4TJ
28790.0	50	2015	11	16	0740	P0N	IRN	OTHR	QG62an	WIA	VK4TJ
28800.0	50	2015	11	15	0735	P0N	IRN	OTHR	QG62an	WIA	VK4TJ
28800.0	8	2015	11	1	0055	F3E		ASIAN	QG62an	WIA	VK4TJ
28805.0	6	2015	11	3	0520	A3E		ASIAN	QG62an	WIA	VK4TJ
28812.5	8	2015	11	3	0520	F3E		ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2015	11	14	0320	A3E		ASIAN	QG62an	WIA	VK4TJ
28825.0	8	2015	11	3	0530	F3E		ASIAN	QG62an	WIA	VK4TJ
28830.0	6	2015	11	1	0055	A3E		ASIAN	QG62an	WIA	VK4TJ
28837.5	8	2015	11	3	0540	F3E		ASIAN	QG62an	WIA	VK4TJ
28845.0	6	2015	11	15	0745	A3E		ASIAN	QG62an	WIA	VK4TJ
28850.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
28855.0	6	2015	11	9	0500	A3E		ASIAN	QG62an	WIA	VK4TJ
28862.5	8	2015	11	3	0555	F3E		ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2015	11	3	0600	A3E		ASIAN	QG62an	WIA	VK4TJ
28875.0	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
28885.0	6	2015	11	13	0355	A3E		ASIAN	QG62an	WIA	VK4TJ
28887.5	8	2015	11	1	0300	F3E		ASIAN	QG62an	WIA	VK4TJ
28890.0	6	2015	11	1	0050	A3E		ASIAN	QG62an	WIA	VK4TJ
28895.0	6	2015	11	17	0715	A3E		ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
28912.5	8	2015	11	3	0635	F3E		ASIAN	QG62an	WIA	VK4TJ
28915.0	6	2015	11	17	0720	A3E		ASIAN	QG62an	WIA	VK4TJ
28920.0	6	2015	11	1	0255	A3E		ASIAN	QG62an	WIA	VK4TJ
28925.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
28935.0	6	2015	11	15	0550	A3E		ASIAN	QG62an	WIA	VK4TJ
28937.5	8	2015	11	1	0250	F3E		ASIAN	QG62an	WIA	VK4TJ
28945.0	6	2015	11	15	0650	A3E		ASIAN	QG62an	WIA	VK4TJ

28950.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
28955.0	6	2015	11	17	0725	A3E		ASIAN	QG62an	WIA	VK4TJ
28962.5	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
28975.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
28985.0	6	2015	11	1	0245	A3E		ASIAN	QG62an	WIA	VK4TJ
28987.5	8	2015	11	3	0705	F3E		ASIAN	QG62an	WIA	VK4TJ
29000.0	8	2015	11	1	0245	F3E		ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2015	11	1	0245	A3E		ASIAN	QG62an	WIA	VK4TJ
29012.5	8	2015	11	3	0715	F3E		ASIAN	QG62an	WIA	VK4TJ
29015.0	6	2015	11	3	0720	A3E		ASIAN	QG62an	WIA	VK4TJ
29025.0	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
29035.0	6	2015	11	17	0750	A3E		ASIAN	QG62an	WIA	VK4TJ
29037.5	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
29045.0	6	2015	11	1	0240	A3E		ASIAN	QG62an	WIA	VK4TJ
29050.0	200	2015	11	17	0815	P0N	IRN	OTHR, BURSTS	QG62an	WIA	VK4TJ
29050.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
29055.0	6	2015	11	17	0755	A3E		ASIAN	QG62an	WIA	VK4TJ
29062.5	8	2015	11	4	0525	F3E		ASIAN	QG62an	WIA	VK4TJ
29065.0	6	2015	11	17	0805	A3E		ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
29085.0	6	2015	11	17	0810	A3E		ASIAN	QG62an	WIA	VK4TJ
29087.5	8	2015	11	18	1020	F3E		ASIAN	QG62an	WIA	VK4TJ
29095.0	6	2015	11	1	0235	A3E		ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
29105.0	6	2015	11	1	0235	A3E		ASIAN	QG62an	WIA	VK4TJ
29112.5	8	2015	11	1	0235	F3E		ASIAN	QG62an	WIA	VK4TJ
29125.0	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
29135.0	6	2015	11	12	2310	A3E		ASIAN	QG62an	WIA	VK4TJ
29137.5	8	2015	11	1	0230	F3E		ASIAN	QG62an	WIA	VK4TJ
29145.0	8	2015	11	12	2325	F3E		ASIAN	QG62an	WIA	VK4TJ
29150.0	8	2015	11	1	0140	F3E		ASIAN	QG62an	WIA	VK4TJ
29155.0	6	2015	11	4	0515	A3E		ASIAN	QG62an	WIA	VK4TJ
29162.5	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
29165.0	6	2015	11	3	0750	A3E		ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ
29185.0	6	2015	11	17	0820	A3E		ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2015	11	3	0800	F3E		ASIAN	QG62an	WIA	VK4TJ
29195.0	6	2015	11	17	0830	A3E		ASIAN	QG62an	WIA	VK4TJ
29200.0	8	2015	11	1	0050	F3E		ASIAN	QG62an	WIA	VK4TJ

29205.0	6	2015	11	1	0225	A3E	ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29215.0	6	2015	11	3	0805	A3E	ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29235.0	6	2015	11	3	0810	A3E	ASIAN	QG62an	WIA	VK4TJ
29237.5	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29245.0	6	2015	11	3	0810	A3E	ASIAN	QG62an	WIA	VK4TJ
29250.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29255.0	6	2015	11	3	0815	A3E	ASIAN	QG62an	WIA	VK4TJ
29262.5	8	2015	11	1	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
29265.0	6	2015	11	3	0820	A3E	ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29285.0	6	2015	11	3	0820	A3E	ASIAN	QG62an	WIA	VK4TJ
29287.5	8	2015	11	4	0515	F3E	ASIAN	QG62an	WIA	VK4TJ
29300.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29312.5	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29315.0	6	2015	11	5	0645	A3E	ASIAN	QG62an	WIA	VK4TJ
29325.0	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29337.5	8	2015	11	3	0850	F3E	ASIAN	QG62an	WIA	VK4TJ
29345.0	6	2015	11	3	0850	A3E	ASIAN	QG62an	WIA	VK4TJ
29350.0	8	2015	11	1	0210	F3E	ASIAN	QG62an	WIA	VK4TJ
29362.5	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29375.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29385.0	6	2015	11	5	0645	A3E	ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29400.0	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29412.5	8	2015	11	1	0205	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29435.0	6	2015	11	1	0205	A3E	ASIAN	QG62an	WIA	VK4TJ
29437.5	8	2015	11	3	0900	F3E	ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2015	11	1	0205	F3E	ASIAN	QG62an	WIA	VK4TJ
29465.0	6	2015	11	1	0205	A3E	ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29487.5	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29500.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29512.5	8	2015	11	4	0500	F3E	ASIAN	QG62an	WIA	VK4TJ
29515.0	6	2015	11	27	0600	A3E	ASIAN	QG62an	WIA	VK4TJ
29525.0	8	2015	11	1	0200	F3E	ASIAN	QG62an	WIA	VK4TJ

29537.5	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	8	2015	11	1	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29555.0	6	2015	11	22	0045	A3E	ASIAN	QG62an	WIA	VK4TJ
29562.5	8	2015	11	1	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2015	11	1	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29587.5	8	2015	11	4	0445	F3E	ASIAN	QG62an	WIA	VK4TJ
29600.0	8	2015	11	1	0045	F3E	ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2015	11	3	0905	F3E	ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29637.5	8	2015	11	1	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29650.0	8	2015	11	1	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2015	11	1	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2015	11	1	0040	F3E	ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2015	11	2	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2015	11	1	0040	F3E	ASIAN	QG62an	WIA	VK4TJ

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