



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



February 2016

Titon Dutono, YB3PET

Reports for February 2016 were received from the ARSI, JARL, NZART and WIA.

This month there were 24 observations from ARSI, 204 observations from JARL, 82 observations from NZART, and 365 observations from WIA. There were total 675 observations of intruders made across the Region.

OTH systems continue to be the most prominent intruders, on 10, 15 and 20 meters and also appear on WARC band of 17meter.

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 (some of them even have significant 3rd harmonic that wiping out within 15 meters band), 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

ARSI: 24 observations

BW KHz													
KHz	.	YYYY	MM	DD	UTC	EMM	ADM	ID	DESCRIPTION.	GRID	SOCIETY	EQUIPMENT	ANTENNA
14075		2016	02	07	<0310-0325>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14014		2016	02	07	<0325-0350>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
28300		2016	02	07	<0350-0355>	J3E/U	IND	UNID	2 OM IN HINDI WITH ID “17” AND “26”	MK82	ARSI	FT757GX	INV.VEE; VERT;
14035.													
2		2016	02	14	<0320-0330>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14001,4		2016	02	16	<1018-1025>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
21018		2016	02	17	<1100-1110>	J3E/U	BGD	UNID	BANGLADESHI 2 OM NON HAMS	MK82	ARSI	FT757GX	INV.VEE; VERT;
21049.													
8		2016	02	21	<0330-0340>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
21101		2016	02	21	<0330-0340>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14010.													
3		2016	02	21	<0400-0410>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14014		2016	02	21	<0400-0410>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14233		2016	02	21	<1200-1210>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14252		2016	02	21	<1210-1220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14290		2016	02	21	<1210-1220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14200		2016	02	21	<1430-1445>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14142		2016	02	23	<0245-0300>	J3E/U	UNID	UNID	2 OM IN BEGALI LANGUAGE—NON HAM TALK	MK82	ARSI	FT757GX	INV.VEE; VERT;
10113		2016	02	23	<0300-0315>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14232		2016	02	23	<1300-1315>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7000		2016	02	23	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7005		2016	02	23	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7015		2016	02	23	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7020		2016	02	24	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7045		2016	02	24	<1340-1350>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
10101		2016	02	24	<1330-1345>	J3E/U	UNID	UNID	TWO OM IN BENGALÉE LANGUAGE	MK82	ARSI	FT757GX	INV.VEE; VERT;
10118		2016	02	25	<1345-1355>	J3E/U	INS	UNID	OM IN INDONESIAN, NO ID;	MK82	ARSI	FT757GX	INV.VEE; VERT;

JARL: 204 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7039	0.5	2016	02	01	1006	PXX			non	non	non	unkown pulse mode PXX only	PM 97	JARL
7039	0.5	2016	02	02	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	02	1720	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	03	1212	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	03	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	05	1212	A1A			15	CHN	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	06	1208	A1A			15	RUS	non	Beacon	PM 97	JARL
7039	0.5	2016	02	08	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	09	1230	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	09	1840	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	10	1220	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	11	1006	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	11	1750	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	13	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	13	1820	A1A			15	CHN	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	15	1212	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	15	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	17	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	17	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	18	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	18	1602	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	18	1604	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	18	1830	A3E			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	18	1832	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	19	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	19	1604	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	19	1608	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	19	1830	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	<u>0.5</u>	2016	02	19	1834	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	20	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	20	1420	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	20	1610	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	20	1830	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	21	1208	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	21	1214	PXX			non	non	non	unkown pulse mode PXX doto only	PM 97	JARL
7039	0.5	2016	02	21	1610	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	21	1820	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	22	1212	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	22	1750	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	23	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	23	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	23	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	24	1212	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	02	24	1740	A1A			37	RUS	K--signal	Beacon	PM 97	JARL

7039	0.5	2016	02	25	1610	A1A		37	RUS	K--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	25	1840	A1A		37	RUS	K--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	26	1208	A1A		37	RUS	K--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	26	1630	A1A		37	RUS	K--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	26	1820	A1A		37	RUS	K--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	27	1640	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	27	1820	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	28	1640	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	28	1850	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	29	1230	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	29	1620	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	02	29	1840	A1A		15	RUS	M--signal	Beacon		PM 97	JARL
7040	0.5	2016	02	04	13:25	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	04	22:04	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	07	08:53	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	09	11:41	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	13	11:59	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	15	09:24	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	17	11:10	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	02	18	10:17	A1A					train of " K "," M "		PM84UQ	JARL
7040	0.5	2016	02	19	11:45	A1A					train of " K "," M "		PM84UQ	JARL
7200	5	2016	02	01	1000	A3E	non	CHN	non		Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	02	01	1000	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	02	01	1100	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	02	01	1100	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	02	01	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	02	01	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	4	2016	02	01	1202	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	3	2016	02	01	1204	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	5	2016	02	02	1000	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	02	02	1000	A3E	non	CHN	non		Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	02	02	1100	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	02	02	1100	A3E	non	CHN	non		Chainese talk and music	Time signal 3+1 2 sec late	PM 97	JARL
7200	5	2016	02	02	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	02	02	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 3+0 2 sec late	PM 97	JARL
7200	4	2016	02	02	1202	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	3	2016	02	02	1204	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	5	2016	02	03	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	3	2016	02	03	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	02	03	1202	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	5	2016	02	03	1204	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	5	2016	02	04	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	02	04	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	02	04	1202	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	3	2016	02	04	1204	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL
7200	5	2016	02	05	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	02	05	1200	A3E	non	CHN	non		Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	02	05	1202	A3E	non	CHN	non		Chainese talk and music		PM 97	JARL

7200	3	2016	02	05	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	06	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	06	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	06	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	06	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	07	1000	A3E		non	RUS	non	Chainese talk and music	Time signal 0+1				PM 97	JARL
7200	4	2016	02	07	1000	A3E		non	RUS	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	5	2016	02	07	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	4	2016	02	07	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	5	2016	02	07	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	07	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	4	2016	02	07	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	07	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	08	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	4	2016	02	08	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	08	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	4	2016	02	08	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	08	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	08	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	08	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	08	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	09	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	09	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	09	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	09	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	10	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	10	1200	A3E		non	CHN	non	Chanese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	10	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	10	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	11	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	4	2016	02	11	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	11	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	J

7200	3	2016	02	14	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	15	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	15	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	15	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	15	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	16	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	16	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1				PM 97	JARL
7200	5	2016	02	16	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	16	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	17	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	17	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	17	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	4	2016	02	17	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	18	1200	A3E		non	CHN	non	Chainese talk and music	Time siganl 5+1	after QRT			PM 97	JARL
7200	4	2016	02	18	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	18	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	18	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	19	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	19	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	19	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	19	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	20	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	20	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	20	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	20	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	21	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	21	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	21	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	4	2016	02	21	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	22	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	22	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	22	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	22	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	23	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	23	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	23	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	23	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	24	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	24	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	24	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	24	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	25	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	25	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	4	2016	02	25	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	3	2016	02	25	1204	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL
7200	5	2016	02	26	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT			PM 97	JARL
7200	4	2016	02	26	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1				PM 97	JARL
7200	5	2016	02	26	1202	A3E		non	CHN	non	Chainese talk and music					PM 97	JARL

7200	3	2016	02	26	1204	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7200	5	2016	02	27	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM 97	JARL
7200	4	2016	02	27	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1			PM 97	JARL
7200	5	2016	02	27	1202	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7200	3	2016	02	27	1204	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7200	5	2016	02	28	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM 97	JARL
7200	4	2016	02	28	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1			PM 97	JARL
7200	4	2016	02	28	1202	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7200	3	2016	02	28	1204	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7200	5	2016	02	29	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM 97	JARL
7200	4	2016	02	29	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1			PM 97	JARL
7200	4	2016	02	29	1202	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7200	3	2016	02	29	1204	A3E		non	CHN	non	Chainese talk and music				PM 97	JARL
7040	0.5	2016	02	23	11:16	A1A					train of " K "," M "				PM84UQ	JARL
7040	0.5	2016	02	24	09:53	A1A					train of "K","M"				PM84UQ	JARL

NZART: 82 observations

kHz	BW	YYYY	MON	DD	GMT	UTC	Emm	Bd	Sft	HDG	ADM	ID	Description	Grid	Society
3821		2016	02	02	<0932>	0932	J3E/U				?	Unid	Non Amateurs Asian speaking S6 USB	RE54HF	ZL4IV
7038.7		2016		2	DY	<0330>	0330-2200	A1A			RUS	D	CW Beacon D, Sevastopol RCV	RF72LQ	ZL2BAD
7038.8		2016		2	DY	<0330>	0330-2200	A1A			RUS	K	CW Beacon K	RF72LQ	ZL2BAD
7039.2		2016		2	DY	<0330>	0330-2200	A1A			RUS	F	CW Beacon F, Vladvostok RIS	RF72LQ	ZL2BAD
7039.4		2016		2	DY	<0330>	0330-2200	A1A			RUS	M	CW Beacon M, Magadan RTS	RF72LQ	ZL2BAD
7038.9		2016		2	DY	HX24	HX24	A1A			RUS	S	CW Beacon S, Sevromorsk RIT	RF72LQ	ZL2BAD
7058	13.5	2016	02	08	<0454>	0454	PXX				?	Unid	OTHR 50 pps 12 kHz Russian? S4 continuous	RF73Mf	ZL1GWE
7088		2016	02	08	<0457>	0457	G7DF				?	Unid	HF Man Pack 8-PSK S4	RF73MF	ZL1GWE
7146.5	13	2016	02	28	<0452>	0452-0521	PXX			330	CYP	Unid	OTHR S6 50 pps continuous suspect Cyprus 13 kHz normally 10 kHz BW	RF73Mf	ZL1GWE
10140	20	2016	02	28	<0000>	0400>	PXX				?	Unid	OTHR 50 PPS continous wiping out data channels on 30 metres 24 pps	RF74CI	ZL2IK
14064.5	11	2016	02	15	<2355>	2355	PXX			330	?	Unid	OTHR S6 3.8 second bursts, 38.6 second bursts 67 pps	RF73MF	ZL1GWE
14087	10	2016		2	03	<0315>	0315	PXX			?	Unid	OTHR each 1 min.	RF72LQ	ZL2BAD
14105	10	2016		2	22	<0055>	0055	PXX			?	Unid	OTHR every 1 min. 70 pps	RF72LQ	ZL2BAD
14105	10	2016		2	26	<0005>	0005	PXX			?	Unid	OTHR Every 1 min.	RF72LQ	ZL2BAD
14108		2016	02	01	<0057>	0057	G7DF				?	Unid	HF Man Pack 8-PSK S2	RF73MF	ZL1GWE
14125	10	2016		2	02	<0640>	0640	PXX			?	Unid	OTHR every 40 secs	RF72LQ	ZL2BAD
14140	10	2016		2	22	<0058>	0058	PXX			?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD
14145	10	2016	02	01	<0043>	0043-0054	PXX				?	Unid	OTHR 66 pps 7.5 second bursts 10 kHz S6	RF73MF	ZL1GWE
14165	10	2016		2	22	<0055>	0055	PXX			?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD

14186.5	9	2016	02	15	<2341?	2341-2355	PXX	330	?	Unid	OTHR 3.8 second bursts 38.6 second gaps part of a series 67 pps S5	RF73MF	ZL1GWE
14196.5	29	2016	02	01	<0059>	0059	PXX		?	Unid	OTHR 38 pps 10 second burst S3	RF73MF	ZL1GWE
14200	100	2016	02	02	<0947>	0947	PXX		?	Unid	OTHR S9 + Wiping out band	RE54HF	ZL4IV
14200	10	2016		2 08	<0146>	0146	PXX		?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL2BAD
14215	10	2016		2 02	<0635>	0635	PXX		?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL2BAD
14231	11	2016	02	15	<2355>	2355	PXX	330	?	Unid	OTHR 3.8 second bursts 38.6 second gaps part of a series 67 pps S6	RF73MF	ZL1GWE
14237	10	2016	02	08	<0538>	0538	PXX		?	Unid	OTHR 38 pps S3 1.6 second bursts with a pip	RF73Mf	ZL1GWE
14240	50	2016		2 17	<0655>	0655	PXX		?	Unid	OTHR Continuous	RF72LQ	ZL2BAD
14245	10	2016	02	28	<0554.	0554	PXX		?	Unid	OTHR 9 pps 22 seconds burst 10 kHz wide S4	RF73MF	ZL1GWE
21261	11	2016	02	15	<2341>	2341-2355	PXX	330	?	Unid	OTHR 67 pps 3.8 seconds bursts, 38.6 second gaps part of series S8	RF73MF	ZL1GWE
14267	10	2016	02	01	<0043>	0443-0054	PXX		?	Unid	OTHR 38 pps 10 second bursts 10 kHz wide S6	RF73MF	ZL1GWE
14295		2016	02	28	<0551>	0551	N0N		?	Unid	Carrier S4 QSB	RF73MF	ZL1GWE
14301		2016	02	07	<0638>	0638	G7D		CHN	Unid	Chinese 16-BPSK Signal in idling mode S4	RF73MF	ZL1GWE
14301		2016	02	28	<0553>	0553	G7D		CHN	Unid	Chinese 16-BPSK Signal in idling mode S4	RF73MF	ZL1GWE
14315	10	2016		2 22	<0100>	0100	PXX		?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD
14322	19	2016		2 08	<0150>	0150	PXX		?	Unid	OTHR every 1 min. for 5 secs.	RF72LQ	ZL2BAD
14335	10	2016		2 26	<0005>	0005	PPP		?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD
14345	10	2016	02	01	<0043>	0043-0054	PXX		?	Unid	OTHR 38 pps 10 second bursts S6	RF73MF	ZL1GWE
18070	10	2016		2 23	<0040>	0040	PXX		?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD
18086	10	2016		2 10	<0705>	0705	PXX		?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD
18166	3	2016		2 DY	H24	H24	PXX		?/	Unid	OTHR Only 3 k wide but OTHR	RF72LQ	ZL2BAD
21145	20	2016		2 10	<0700>	0700-0710	PXX		CYP	Unid	OTHR Continuous 50 pps	RF72LQ	ZL2BAD
21150	30	2016		2 15	<0655>	0655	PXX		?	Unid	OTHR Continuous 50 pps	RF72LQ	ZL2BAD
21200	20	2016		2 DY	Various	Various	PXX		?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)	RF72LQ	ZL2BAD
21205	10	2016		2 DY	Various	Various	PXX		?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)	RF72LQ	ZL2BAD
21214	10	2016		2 09	<0155>	0155	PXX		?	Unid	OTHR every 1 min. for 5 secs.	RF72LQ	ZL2BAD
21215	10	2016		2 10	<0705>	0705	PXX		?	Unid	OTHR every 1 min.	RF72LQ	ZL2BAD
21215	10	2016		2 15	<0645>	0645	PXX		?	Unid	OTHR 2 burstrs ,lasting 3 secs each every 1 min.	RF72LQ	ZL2BAD
21215	10	2016		2 20	<0450>	0450	PXX		?	Unid	OTHR 2 bursts of 20 secs. Separated by 1 sec. each 40 secs.	RF72LQ	ZL2BAD
21215	10	2016		2 22	<0135>	0135	PXX		?	Unid	OTHR every 1 min. for 5 secs.	RF72LQ	ZL2BAD
21217	10	2016		2 07	<2245>	2245	PXX		?	Unid	OTHR every 1 min. for 20 secs	RF72LQ	ZL2BAD

21217	10	2016	2	08	<0140>	0140	PXX		?	Unid	OTHR Every 1 min.		RF72LQ	ZL2BAD
21117	10	2016	2	26	<0005>	0005	PXX		?	Unid	OTHR every 1 min.		RF72LQ	ZL2BAD
21220	10	2016	2	01	<0001>	0001	PXX		?	Unid	OTHR on for 10 secs each20 secs		RF72LQ	ZL2BAD
21230	10	2016	2	15	<0645>	0645	PXX		?	Unid	OTHR every 40 secs.		RF72LQ	ZL2BAD
21233	10	2016	2	09	<0155>	0155	PXX		?	Unid	OTHR every 40 secs. For 5 secs.		RF72LQ	ZL2BAD
21239	10	2016	2	15	<0300>	0300	PXX		?	Unid	OTHR every 40 secs.		RF72LQ	ZL2BAD
21249	10	2016	2	09	<0155>	0155	PXX		?	Unid	OTHR every 1 min. for 5 secs.		RF72LQ	ZL2BAD
21270	10	2016	2	03	<0145>	0145	PXX		?	Unid	OTHR every 1 min.		RF72LQ	ZL2BAD
21288	10	2016	2	10	<0535>	535	PXX		?	Unid	every 1 min.		RF72LQ	ZL2BAD
21295	10	2016	2				PXX		?	Unid	Variable timing, 40 pps		RF72LQ	ZL2BAD
21327	10	2016	2	05	<0618>	618	PXX		?	Unid	double burst every 1 Min.		RF72LQ	ZL2BAD
21370	20	2016	2	08	<0205>	205	PXX		?	Unid	every 1 min.		RF72LQ	ZL2BAD
21430	10	2016	2	04			PXX		?	Unid	Every 1 min. Too weak to get pps		RF72LQ	ZL2BAD
21284	10	2016	2	08	<0140>	0140	PXX		?	Unid	OTHR 2 bursts of 20 secs. Separated by 1 secs.		RF72LQ	ZL2BAD
21290	10	2016	2	15	<0645>	0645	PXX		?	Unid	OTHR every 1 min. with sidebands extending out 250k		RF72LQ	ZL2BAD
21251.5	7	2016	02	28	<0020>	0020-	PXX	330	?	Unid	OTHR S5 1.7 second bursts with centre pip 32 pps and 39 pps rate bursts		RF73Mf	ZL1GWE
21284	8	2016	02	01	<0002>	0002	PXX		?	Unid	OTHR 40 pps S2 38 second bursts		RF73MF	ZL1GWE
21317	10	2016	2	01	<0435>	0435	PXX		?	Unid	OTHR every 1/2 min.		RF72LQ	ZL2BAD
21328	10	2016	2	02	<0140>	0140	PXX		?	Unid	OTHR every 35 secs for 5 secs		RF72LQ	ZL2BAD
21335	10	2016	2	02	<0140>	0140	PXX		?	Unid	OTHR every 20 secs for 5 secs		RF72LQ	ZL2BAD
21338		2016	02	01	<0004>	0004	G7DF		?	Unid	HF Man Pack 8-PSK S1		RF73MF	ZL1GWE
21365	10	2016	2	01	<0435>	0435	PXX		?	Unid	OTHR every 30 secs for 20 secs		RF72LQ	ZL2BAD
21384.5	11.7	2018	02	01	<0518>	0518	PXX		?	Unid	OTHR S8 5.1 second duration bursts		RF73<F	ZL1GWE
21395	10	2016	2	02	<0140>	0140	PXX		?	Unid	OTHR every 40 secs for 5 secs		RF72LQ	ZL2BAD
21342	10	2016	2	01	<0440>	0440	PXX		?	Unid	OTHR every 30 secs for 20 secs		RF72LQ	ZL2BAD
21305	10	2016	2	02	<0140>	0140	PXX		?	Unid	OTHR every 35 secs for 5 secs		RF72LQ	ZL2BAD
21390	10	2016	2	15	<0645>	0645	PXX		?	Unid	OTHR bbursts every40 secs.		RF72LQ	ZL2BAD
21445	10	2016	2	03	<0145>	0145	PXX		?	Unid	OTHR every 1 min.		RF72LQ	ZL2BAD
24950	10	2016	2	03	<0330>	0330	PXX		?	Unid	OTHR every 1 min. for 20 secs.		RF72LQ	ZL2BAD
28511		2016	02	07	<0638>	0638	G7DF		?	Unid	HF Man Pack 8-PSK S3		RF73Mf	ZL1GWE
28675		2016	02	28	<0013>	0013	F3E		CHN	Unid	Non Amateurs Chinese FM S2		RF73Mf	ZL1GWE

WIA: 365 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3505.0	1	2016	2	1	1930		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3519.0	3	2016	2	17	1925		J3E/U						ROBOT VOICE READING LIST IN CHINESE	QG62an	WIA	VK4TJ
3528.5	1	2016	2	1	1940		F1B						SAME AS 14301.5	QG62an	WIA	VK4TJ

3532.0	1	2016	2	2	1925	F1B	500				SAME AS 14301.5	QG62an	WIA	VK4TJ		
3543.0	5	2016	2	21	1935	G1D					RHYTHMIC PULSES	QG62an	WIA	VK4TJ		
3550.0	100	2016	2	6	1015	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
3550.0	3	2016	2	2	1940	G7D					BURSTS, ALTERNATES WITH TONE	QG62an	WIA	VK4TJ		
3568.0	1	2016	2	1	1925	F1B	500				CONTINUOUS	QG62an	WIA	VK4TJ		
3568.2	3	2016	2	7	1930	J3E/L					ASIAN MUSIC	QG62an	WIA	VK4TJ		
3575.0	3	2016	2	7	1930	J1C					FAX	QG62an	WIA	VK4TJ		
3575.0	5	2016	2	21	1935	G7D					DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
3585.0	3	2016	2	1	1000	J1C		KOR RUS RUS	HLL2 P A		FAX	QG62an	WIA	VK4TJ		
3593.8		2016	2	1	1930	A1A					DAILY, BEACON	QG62an	WIA	VK4TJ		
3594.0		2016	2	1	1930	A1A					DAILY, BEACON	QG62an	WIA	VK4TJ		
3597.0	3	2016	2	3	1800	J1C					FAX	QG62an	WIA	VK4TJ		
3598.0	5	2016	2	3	1800	G7D					CONTINUOUS	QG62an	WIA	VK4TJ		
3600.0	5	2016	2	17	1930	G7D					12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ		
3622.5	3	2016	2	1	0945	J1C					JPN JPN	JMH	FAX	QG62an	WIA	VK4TJ
3623.0	3	2016	2	3	1800	J3E/U							SOUNDS JAPANESE	QG62an	WIA	VK4TJ
3642.0		2016	2	1	1925	A1A		RUS	3A7D V		CALLING DKG6	QG62an	WIA	VK4TJ		
3650.0	100	2016	2	21	1015	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
3658.0		2016	2	1	1925	A1A					DAILY, BEACON	QG62an	WIA	VK4TJ		
3697.0	3	2016	2	17	2010	J1C					FAX	QG62an	WIA	VK4TJ		
3750.0	100	2016	2	1	1925	P0N	200				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
3760.0	250	2016	2	9	1950	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
3780.0	5	2016	2	17	1930	G1D					BURSTS	QG62an	WIA	VK4TJ		
3784.0	1	2016	2	21	1940	F1B					CONTINUOUS	QG62an	WIA	VK4TJ		
3788.0	5	2016	2	26	1025	G7D					12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ		
3791.0	2	2016	2	2	1930	A2A					NUMBER CIPHER, ROUGH NOTE	QG62an	WIA	VK4TJ		
3850.0	200	2016	2	3	1800	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
6950.0	150	2016	2	1	1005	P0N					OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
7000.0	3	2016	2	1	0945	J3E/U		INS			DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7000.0	3	2016	2	24	0830	J3E/U					ASIAN MUSIC	QG62an	WIA	VK4TJ		
7005.0	3	2016	2	1	1005	J3E/L					DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7005.0	3	2016	2	1	1015	J3E/U					DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7010.0	3	2016	2	1	1005	J3E/L		INS			DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7010.0	3	2016	2	8	0935	J3E/U					DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7013.5	5	2016	2	3	1800	G7D					CONTINUOUS	QG62an	WIA	VK4TJ		
7015.0	3	2016	2	1	0945	J3E/L					DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		

7015.0	3	2016	2	8	1000	J3E/U	800	INS	REA4	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7018.0	2	2016	2	2	1925	F1B		800		INS	REA4	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2016	2	1	0945	J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7020.0	3	2016	2	8	1000	J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7021.0	3	2016	2	21	1940	J3E/U		INS		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
7025.0	3	2016	2	1	1015	J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7030.0	5	2016	2	7	1955	G1D		INS		BROAD PSK	QG62an	WIA	VK4TJ		
7030.0	2	2016	2	14	2110	G7DF		INS		MANPACK RADIO	QG62an	WIA	VK4TJ		
7030.0	3	2016	2	1	0945	J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7030.0	3	2016	2	2	0845	J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7035.0	3	2016	2	1	0945	J3E/L	INS	DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ				
7039.3		2016	2	21	1940	A1A		RUS	K	DAILY, BEACON	QG62an	WIA	VK4TJ		
7039.4		2016	2	1	0945	A1A		RUS	M	DAILY, BEACON	QG62an	WIA	VK4TJ		
7049.7	6	2016	2	7	2000	A3E				SOUNDS BAHASA	QG62an	WIA	VK4TJ		
7050.0	3	2016	2	2	0835	J3E/U				ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ		
7055.0	20	2016	2	24	2120	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
7064.0	5	2016	2	7	2000	G7D				8 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ		
7100.0	160	2016	2	20	2120	P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ		
7100.0	3	2016	2	24	1015	J3E/L		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7100.0	3	2016	2	24	1015	J3E/U		INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7100.0	3	2016	2	24	1015	J3E/U				ASIAN MUSIC	QG62an	WIA	VK4TJ		
7103.0	1	2016	2	24	1020	F1B				SELCALL TONES	QG62an	WIA	VK4TJ		
7114.0	1	2016	2	11	1000	F1B	250			BURSTS	QG62an	WIA	VK4TJ		
7120.0	8	2016	2	3	1800	A3E		SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ		
7132.0	3	2016	2	11	1000	J3E/U				ASIAN	QG62an	WIA	VK4TJ		
7134.0	1	2016	2	3	1800	F1B				CONTINUOUS	QG62an	WIA	VK4TJ		
7134.0	1	2016	2	24	0835	F1A			RDL		QG62an	WIA	VK4TJ		
7146.0	1	2016	2	29	1015	F1B				SELCALL TONES	QG62an	WIA	VK4TJ		
7159.0	0.5	2016	2	2	<0625 - 0725>	A2A		AUS		Randum numbers/letters repeated	QF22ma	WIA	VK3MV		
7159.0	0.5	2016	2	15	<0715 - 0800>	A2A		AUS		Rabdyn numbers/letters repeated	QF22ma	WIA	VK3MV		
7162.0		2016	2	1	1940	A1A				NUMBER CIPHER	QG62an	WIA	VK4TJ		
7165.0	5	2016	2	3	1800	G7D				CONTINUOUS	QG62an	WIA	VK4TJ		
7171.0	3	2016	2	2	1945	J3E/U				DAILY, ASIAN FAMILY NET, SOUNDS CHINESE	QG62an	WIA	VK4TJ		

7177.7	3	2016	2	2	1950	J3E/U		ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7178.0		2016	2	11	1000	A1A		MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7200.0	8	2016	2	1	1000	A3E		DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
10100.0	8	2016	2	2	0850	A3E	NKR	SW BROADCAST, RADIO PYONGYANG	QG62an	WIA	VK4TJ
10130.0	20	2016	2	2	1950	VXX		CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
10145.0	50	2016	2	27	2130	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14000.0	3	2016	2	2	2320	J3E/U		DAILY, ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
14008.7	3	2016	2	2	0825	J3E/U		ASIAN, SOUNDS	QG62an	WIA	VK4TJ
14020.0	3	2016	2	2	0825	J3E/U		CHINESE ASIAN, SOUNDS	QG62an	WIA	VK4TJ
14048.0	3	2016	2	2	2315	J3E/U	PHL	CHINESE DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050.0	3	2016	2	18	2230	J3E/L		ASIAN	QG62an	WIA	VK4TJ
14050.0	20	2016	2	14	2350	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14050.0	2	2016	2	4	2135	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14051.0	1	2016	2	10	0900	F1B	500	BURSTS	QG62an	WIA	VK4TJ
14058.0	5	2016	2	15	0935	G7D		12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14060.0	2	2016	2	15	2115	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14064.8	3	2016	2	15	0935	J3E/U		DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14065.0	3	2016	2	10	0910	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14065.0	2	2016	2	3	2225	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14070.8	3	2016	2	2	2140	J3E/U		ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14072.0	1	2016	2	23	1015	F1B		SELCALL TONES	QG62an	WIA	VK4TJ
14090.0	15	2016	2	24	2345	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14091.0	3	2016	2	18	1020	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14100.1	3	2016	2	1	0955	J3E/U		DAILY, ASIAN	QG62an	WIA	VK4TJ
14110.0	1	2016	2	25	1000	F1B		SELCALL TONES	QG62an	WIA	VK4TJ
14110.0	3	2016	2	18	1020	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14111.7	3	2016	2	18	1020	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14128.0	1	2016	2	8	2000	G7D		BURSTS	QG62an	WIA	VK4TJ
14128.2	3	2016	2	23	1015	J3E/U		ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
14132.3	3	2016	2	16	1025	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14160.0	1	2016	2	10	0910	F1B		CONTINUOUS	QG62an	WIA	VK4TJ
14192.0	1	2016	2	11	0835	F1B		CONTINUOUS	QG62an	WIA	VK4TJ
14195.0	10	2016	2	10	2355	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14200.0	1	2016	2	29	0955	F1B	200	CONTINUOUS	QG62an	WIA	VK4TJ
14200.0	100	2016	2	2	0830	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14204.3	3	2016	2	23	1020	J3E/U		ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ

14215.0	10	2016	2	11	0840	P0N			OTHR	QG62an	WIA	VK4TJ
14241.0	5	2016	2	27	0805	G7D			DAILY	QG62an	WIA	VK4TJ
14250.0	10	2016	2	2	0830	P0N			OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14255.0	20	2016	2	27	2310	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
14280.0	20	2016	2	26	0035	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
14295.0	10	2016	2	11	0845	P0N			OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14301.5	5	2016	2	2	0830	G7D			DAILY	QG62an	WIA	VK4TJ
14330.0	20	2016	2	11	0830	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
14346.0	5	2016	2	29	1000	G7D			12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14346.0	1	2016	2	18	1030	F1B	800		CONTINUOUS	QG62an	WIA	VK4TJ
14348.0	1	2016	2	25	0915	F1B	250		CONTINUOUS	QG62an	WIA	VK4TJ
18075.0	10	2016	2	5	0830	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
18080.0	10	2016	2	8	0340	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
18095.0	10	2016	2	4	0950	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
18108.0	1	2016	2	16	0955	F1B			SELCALL	QG62an	WIA	VK4TJ
18131.0	5	2016	2	29	0410	G1D			BURSTS	QG62an	WIA	VK4TJ
18135.0	10	2016	2	4	0950	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
18150.0	15	2016	2	17	0710	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
18155.0	10	2016	2	3	0435	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
18200.0	100	2016	2	24	0850	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21000.0	20	2016	2	25	0850	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
21001.0	6	2016	2	16	0955	J3E/U		INS	3RD HARMONIC OF 7000 KHZ	QG62an	WIA	VK4TJ
21010.0	10	2016	2	3	0355	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
21040.0	20	2016	2	15	0835	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21045.0	10	2016	2	3	0350	P0N			OTHR, BURSTS	QG62an	WIA	VK4TJ
21050.6	2	2016	2	13	1015	J3E/L			ASIAN	QG62an	WIA	VK4TJ
21059.5	2	2016	2	9	0910	J3E/L			ASIAN	QG62an	WIA	VK4TJ
21098.0	1	2016	2	29	0730	F1B			SELCALL TONES	QG62an	WIA	VK4TJ
21115.0	20	2016	2	2	0455	P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21120.2	3	2016	2	16	0940	J3E/L			ASIAN	QG62an	WIA	VK4TJ
21190.0	10	2016	2	3	0415	P0N			OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21200.0	1	2016	2	29	0730	F1B			BURSTS	QG62an	WIA	VK4TJ
21205.0	15	2016	2	3	0350	VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21210.0	15	2016	2	24	0855	VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21225.0	15	2016	2	3	0420	VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21230.0	20	2016	2	19	0550	VXX			CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21240.0	10	2016	2	3	0355	P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21245.0	10	2016	2	7	0120	P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21250.0	10	2016	2	28	0035	P0N			OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ

21250.0	10	2016	2	27	0330	P0N				OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21265.0	10	2016	2	9	0510	P0N				OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21290.0	2	2016	2	1	0420	G7DF				MANPACK RADIO	QG62an	WIA	VK4TJ
21290.0	10	2016	2	3	0420	P0N				OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21295.0	10	2016	2	9	0330	P0N				OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21319.0	1	2016	2	5	0010	F1B	HIGH	600		BURSTS	QG62an	WIA	VK4TJ
21333.5	3	2016	2	16	0915	J3E/L			PHL	TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
21335.0	10	2016	2	9	0330	P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21340.0	10	2016	2	3	0345	P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21365.0	10	2016	2	8	0345	P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21375.0	10	2016	2	9	0335	P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21400.0	10	2016	2	3	0430	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21405.0	8	2016	2	26	0355	A3E				SW BROADCAST	QG62an	WIA	VK4TJ
21424.0	1	2016	2	29	0725	F1B				IDLING	QG62an	WIA	VK4TJ
21425.0	170	2016	2	4	0940	P0N				OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21435.0	10	2016	2	3	0350	P0N				OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21438.0		2016	2	8	0920	A1A			RCV	NUMBER CIPHER	QG62an	WIA	VK4TJ
21443.8	3	2016	2	2	0805	J3E/L				ASIAN - NO CALLS, EVER	QG62an	WIA	VK4TJ
21445.0	20	2016	2	11	0755	P0N				OTHR, BURSTS	QG62an	WIA	VK4TJ
24900.0	20	2016	2	6	0910	P0N				CONTINUOUS	QG62an	WIA	VK4TJ
24905.0	6	2016	2	18	0925	A3E				ASIAN	QG62an	WIA	VK4TJ
24925.0	8	2016	2	4	0215	F3E				ASIAN	QG62an	WIA	VK4TJ
24928.0	1	2016	2	16	0900	F1B				SELCALL TONES	QG62an	WIA	VK4TJ
24935.0	6	2016	2	3	0340	A3E				ASIAN	QG62an	WIA	VK4TJ
24955.0	6	2016	2	4	0215	A3E				ASIAN	QG62an	WIA	VK4TJ
24985.0	6	2016	2	7	0225	A3E				ASIAN	QG62an	WIA	VK4TJ
24990.0	20	2016	2	17	0705	P0N				OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
28000.0	6	2016	2	3	0115	A3E				ASIAN	QG62an	WIA	VK4TJ
28005.0	6	2016	2	4	0430	A3E				ASIAN	QG62an	WIA	VK4TJ
28015.0	6	2016	2	4	0430	A3E				ASIAN	QG62an	WIA	VK4TJ
28025.0	8	2016	2	1	0355	F3E				ASIAN	QG62an	WIA	VK4TJ
28035.0	6	2016	2	3	0115	A3E				ASIAN	QG62an	WIA	VK4TJ
28050.0	8	2016	2	16	2350	F3E				ASIAN	QG62an	WIA	VK4TJ
28055.0	6	2016	2	4	0445	A3E				ASIAN	QG62an	WIA	VK4TJ
28060.0	1	2016	2	27	0710	F1B				WAVERIDER BUOY	QG62an	WIA	VK4TJ
28062.5	8	2016	2	7	0405	F3E				ASIAN	QG62an	WIA	VK4TJ
28065.0	6	2016	2	4	0450	A3E				ASIAN	QG62an	WIA	VK4TJ
28075.0	6	2016	2	4	0450	A3E				ASIAN	QG62an	WIA	VK4TJ
28085.0	6	2016	2	1	0430	A3E				ASIAN	QG62an	WIA	VK4TJ
28100.0	8	2016	2	4	0455	F3E				ASIAN	QG62an	WIA	VK4TJ

28105.0	6	2016	2	3	0330	A3E	ASIAN	QG62an	WIA	VK4TJ
28112.5	8	2016	2	1	0355	F3E	ASIAN	QG62an	WIA	VK4TJ
28115.0	6	2016	2	2	0505	A3E	ASIAN	QG62an	WIA	VK4TJ
28125.0	8	2016	2	4	0455	F3E	ASIAN	QG62an	WIA	VK4TJ
28135.0	6	2016	2	4	0455	A3E	ASIAN	QG62an	WIA	VK4TJ
28145.0	6	2016	2	2	0510	A3E	ASIAN	QG62an	WIA	VK4TJ
28150.0	8	2016	2	4	0505	F3E	ASIAN	QG62an	WIA	VK4TJ
28155.0	6	2016	2	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28162.5	8	2016	2	16	2355	F3E	ASIAN	QG62an	WIA	VK4TJ
28165.0	6	2016	2	4	0510	A3E	ASIAN	QG62an	WIA	VK4TJ
28169.0	6	2016	2	5	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28170.0	6	2016	2	3	0750	A3E	ASIAN	QG62an	WIA	VK4TJ
28175.0	8	2016	2	3	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28185.0	6	2016	2	4	0510	A3E	ASIAN	QG62an	WIA	VK4TJ
28187.5	8	2016	2	4	0510	F3E	ASIAN	QG62an	WIA	VK4TJ
28195.0	6	2016	2	1	0430	A3E	ASIAN	QG62an	WIA	VK4TJ
28200.0	8	2016	2	3	0750	F3E	ASIAN	QG62an	WIA	VK4TJ
28205.0	6	2016	2	4	0510	A3E	ASIAN	QG62an	WIA	VK4TJ
28212.5	8	2016	2	15	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
28215.0	6	2016	2	4	0520	A3E	ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2016	2	3	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28235.0	6	2016	2	3	0750	A3E	ASIAN	QG62an	WIA	VK4TJ
28237.5	8	2016	2	17	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
28245.0	6	2016	2	4	0525	A3E	ASIAN	QG62an	WIA	VK4TJ
28250.0	8	2016	2	17	0000	F3E	ASIAN	QG62an	WIA	VK4TJ
28255.0	6	2016	2	1	0400	A3E	ASIAN	QG62an	WIA	VK4TJ
28262.5	8	2016	2	4	0540	F3E	ASIAN	QG62an	WIA	VK4TJ
28265.0	6	2016	2	4	0535	A3E	ASIAN	QG62an	WIA	VK4TJ
28275.0	8	2016	2	3	0330	F3E	ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2016	2	4	0540	A3E	ASIAN	QG62an	WIA	VK4TJ
28287.5	8	2016	2	4	0605	F3E	ASIAN	QG62an	WIA	VK4TJ
28295.0	6	2016	2	4	0610	A3E	ASIAN	QG62an	WIA	VK4TJ
28300.0	6	2016	2	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28305.0	6	2016	2	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28312.5	8	2016	2	6	0600	F3E	ASIAN	QG62an	WIA	VK4TJ
28315.0	6	2016	2	4	0615	A3E	ASIAN	QG62an	WIA	VK4TJ
28325.0	8	2016	2	1	0405	F3E	ASIAN	QG62an	WIA	VK4TJ
28335.0	6	2016	2	4	0620	A3E	ASIAN	QG62an	WIA	VK4TJ
28350.0	8	2016	2	4	0625	F3E	ASIAN	QG62an	WIA	VK4TJ
28355.0	6	2016	2	3	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28362.5	8	2016	2	15	0355	F3E	ASIAN	QG62an	WIA	VK4TJ
28365.0	6	2016	2	1	0405	A3E	ASIAN	QG62an	WIA	VK4TJ
28375.0	8	2016	2	4	0630	F3E	ASIAN	QG62an	WIA	VK4TJ
28385.0	6	2016	2	3	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28387.5	8	2016	2	3	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
28400.0	8	2016	2	3	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
28405.0	6	2016	2	1	0435	A3E	ASIAN	QG62an	WIA	VK4TJ
28412.5	8	2016	2	4	0635	F3E	ASIAN	QG62an	WIA	VK4TJ

28415.0	6	2016	2	4	0635	A3E	IRN	ASIAN	QG62an	WIA	VK4TJ
28425.0	8	2016	2	3	0120	F3E		ASIAN	QG62an	WIA	VK4TJ
28431.0	6	2016	2	5	0130	A3E		ASIAN	QG62an	WIA	VK4TJ
28435.0	6	2016	2	3	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28437.5	8	2016	2	17	0035	F3E		ASIAN	QG62an	WIA	VK4TJ
28440.0	6	2016	2	5	0130	A3E		ASIAN	QG62an	WIA	VK4TJ
28445.0	6	2016	2	17	0035	A3E		ASIAN	QG62an	WIA	VK4TJ
28450.0	8	2016	2	4	0915	F3E		ASIAN	QG62an	WIA	VK4TJ
28455.0	6	2016	2	1	0440	A3E		ASIAN	QG62an	WIA	VK4TJ
28465.0	6	2016	2	4	0650	A3E		ASIAN	QG62an	WIA	VK4TJ
28475.0	8	2016	2	4	0655	F3E		ASIAN	QG62an	WIA	VK4TJ
28485.0	6	2016	2	3	0315	A3E		ASIAN	QG62an	WIA	VK4TJ
28500.0	200	2016	2	4	0700	P0N		OTHR	QG62an	WIA	VK4TJ
28500.0	8	2016	2	9	0805	F3E		ASIAN	QG62an	WIA	VK4TJ
28505.0	6	2016	2	3	0310	A3E		ASIAN	QG62an	WIA	VK4TJ
28512.5	8	2016	2	15	0425	F3E		ASIAN	QG62an	WIA	VK4TJ
28515.0	6	2016	2	3	0310	A3E		ASIAN	QG62an	WIA	VK4TJ
28525.0	6	2016	2	3	0315	A3E		ASIAN	QG62an	WIA	VK4TJ
28535.0	6	2016	2	1	0440	A3E		ASIAN	QG62an	WIA	VK4TJ
28537.5	8	2016	2	3	0755	F3E		ASIAN	QG62an	WIA	VK4TJ
28550.0	6	2016	2	4	0705	A3E		ASIAN	QG62an	WIA	VK4TJ
28555.0	6	2016	2	3	0210	A3E		ASIAN	QG62an	WIA	VK4TJ
28565.0	6	2016	2	17	0055	A3E		ASIAN	QG62an	WIA	VK4TJ
28575.0	8	2016	2	3	0210	F3E		ASIAN	QG62an	WIA	VK4TJ
28585.0	6	2016	2	1	0410	A3E		ASIAN	QG62an	WIA	VK4TJ
28587.5	8	2016	2	15	0435	F3E		ASIAN	QG62an	WIA	VK4TJ
28595.0	6	2016	2	4	0720	A3E		ASIAN	QG62an	WIA	VK4TJ
28600.0	8	2016	2	3	0210	F3E		ASIAN	QG62an	WIA	VK4TJ
28605.0	6	2016	2	3	0800	A3E		ASIAN	QG62an	WIA	VK4TJ
28612.5	8	2016	2	27	0155	F3E		ASIAN	QG62an	WIA	VK4TJ
28615.0	6	2016	2	17	0055	A3E		ASIAN	QG62an	WIA	VK4TJ
28625.0	8	2016	2	5	0145	F3E		ASIAN	QG62an	WIA	VK4TJ
28630.0	6	2016	2	4	0915	A3E		ASIAN	QG62an	WIA	VK4TJ
28635.0	6	2016	2	4	0730	A3E		ASIAN	QG62an	WIA	VK4TJ
28637.5	8	2016	2	17	0650	F3E		ASIAN	QG62an	WIA	VK4TJ
28645.0	6	2016	2	1	0440	A3E		ASIAN	QG62an	WIA	VK4TJ
28650.0	8	2016	2	4	0740	F3E		ASIAN	QG62an	WIA	VK4TJ
28655.0	6	2016	2	4	0740	A3E		ASIAN	QG62an	WIA	VK4TJ
28665.0	6	2016	2	4	0745	A3E		ASIAN	QG62an	WIA	VK4TJ
28675.0	6	2016	2	3	0120	A3E		ASIAN	QG62an	WIA	VK4TJ
28685.0	6	2016	2	4	0745	A3E		ASIAN	QG62an	WIA	VK4TJ
28695.0	6	2016	2	4	0745	A3E		ASIAN	QG62an	WIA	VK4TJ
28700.0	8	2016	2	17	0125	F3E		ASIAN	QG62an	WIA	VK4TJ
28705.0	6	2016	2	4	0750	A3E		ASIAN	QG62an	WIA	VK4TJ
28715.0	6	2016	2	4	0750	A3E		ASIAN	QG62an	WIA	VK4TJ
28725.0	8	2016	2	1	0515	F3E		ASIAN	QG62an	WIA	VK4TJ
28735.0	6	2016	2	4	0755	A3E		ASIAN	QG62an	WIA	VK4TJ

28745.0	6	2016	2	3	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28750.0	8	2016	2	17	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
28755.0	6	2016	2	4	0800	A3E	ASIAN	QG62an	WIA	VK4TJ
28762.5	8	2016	2	17	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
28765.0	6	2016	2	17	0145	A3E	ASIAN	QG62an	WIA	VK4TJ
28775.0	8	2016	2	4	0810	F3E	ASIAN	QG62an	WIA	VK4TJ
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28787.5	8	2016	2	4	0810	F3E	ASIAN	QG62an	WIA	VK4TJ
28800.0	8	2016	2	4	0815	F3E	ASIAN	QG62an	WIA	VK4TJ
28812.5	8	2016	2	17	0205	F3E	ASIAN	QG62an	WIA	VK4TJ
28815.0	6	2016	2	17	0205	A3E	ASIAN	QG62an	WIA	VK4TJ
28825.0	8	2016	2	17	0210	F3E	ASIAN	QG62an	WIA	VK4TJ
28837.5	8	2016	2	17	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
28850.0	8	2016	2	6	0610	F3E	ASIAN	QG62an	WIA	VK4TJ
28855.0	6	2016	2	17	0245	A3E	ASIAN	QG62an	WIA	VK4TJ
28862.5	8	2016	2	17	0250	F3E	ASIAN	QG62an	WIA	VK4TJ
28865.0	6	2016	2	17	0300	A3E	ASIAN	QG62an	WIA	VK4TJ
28875.0	8	2016	2	3	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28887.5	8	2016	2	5	0945	F3E	ASIAN	QG62an	WIA	VK4TJ
28900.0	8	2016	2	3	0300	F3E	ASIAN	QG62an	WIA	VK4TJ
28912.5	8	2016	2	3	0255	F3E	ASIAN	QG62an	WIA	VK4TJ
28925.0	8	2016	2	3	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28937.5	8	2016	2	3	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28945.0	6	2016	2	17	0335	A3E	ASIAN	QG62an	WIA	VK4TJ
28950.0	8	2016	2	17	0330	F3E	ASIAN	QG62an	WIA	VK4TJ
28955.0	200	2016	2	6	0610	P0N	OTHR	QG62an	WIA	VK4TJ
28962.5	8	2016	2	27	0250	F3E	ASIAN	QG62an	WIA	VK4TJ
28975.0	8	2016	2	17	0345	F3E	ASIAN	QG62an	WIA	VK4TJ
28987.5	8	2016	2	4	0830	F3E	ASIAN	QG62an	WIA	VK4TJ
29000.0	8	2016	2	17	0350	F3E	ASIAN	QG62an	WIA	VK4TJ
29005.0	6	2016	2	25	0545	A3E	ASIAN	QG62an	WIA	VK4TJ
29012.5	8	2016	2	17	0355	F3E	ASIAN	QG62an	WIA	VK4TJ
29025.0	8	2016	2	3	0245	F3E	ASIAN	QG62an	WIA	VK4TJ
29050.0	8	2016	2	27	0205	F3E	ASIAN	QG62an	WIA	VK4TJ
29075.0	8	2016	2	5	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
29095.0	6	2016	2	5	0420	A3E	ASIAN	QG62an	WIA	VK4TJ
29100.0	8	2016	2	3	0235	F3E	ASIAN	QG62an	WIA	VK4TJ
29125.0	8	2016	2	1	0535	F3E	ASIAN	QG62an	WIA	VK4TJ
29150.0	8	2016	2	4	0840	F3E	ASIAN	QG62an	WIA	VK4TJ
29162.5	8	2016	2	24	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29175.0	8	2016	2	1	0420	F3E	ASIAN	QG62an	WIA	VK4TJ
29185.0	6	2016	2	19	0625	A3E	ASIAN	QG62an	WIA	VK4TJ
29187.5	8	2016	2	3	0235	F3E	ASIAN	QG62an	WIA	VK4TJ
29200.0	8	2016	2	4	0840	F3E	ASIAN	QG62an	WIA	VK4TJ
29212.5	8	2016	2	28	0830	F3E	ASIAN	QG62an	WIA	VK4TJ
29225.0	8	2016	2	17	0635	F3E	ASIAN	QG62an	WIA	VK4TJ
29237.5	8	2016	2	17	0635	F3E	ASIAN	QG62an	WIA	VK4TJ
29250.0	8	2016	2	3	0230	F3E	ASIAN	QG62an	WIA	VK4TJ

29262.5	8	2016	2	4	0845	F3E	ASIAN	QG62an	WIA	VK4TJ
29275.0	8	2016	2	3	0235	F3E	ASIAN	QG62an	WIA	VK4TJ
29287.5	8	2016	2	27	0210	F3E	ASIAN	QG62an	WIA	VK4TJ
29300.0	8	2016	2	3	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
29350.0	8	2016	2	4	0855	F3E	ASIAN	QG62an	WIA	VK4TJ
29375.0	8	2016	2	4	0850	F3E	ASIAN	QG62an	WIA	VK4TJ
29387.5	8	2016	2	19	0710	F3E	ASIAN	QG62an	WIA	VK4TJ
29400.0	8	2016	2	3	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
29412.5	8	2016	2	5	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
29425.0	8	2016	2	3	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
29437.5	8	2016	2	3	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
29445.0	6	2016	2	27	0240	A3E	ASIAN	QG62an	WIA	VK4TJ
29450.0	8	2016	2	3	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29462.5	8	2016	2	24	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
29475.0	8	2016	2	3	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29487.5	8	2016	2	19	0650	F3E	ASIAN	QG62an	WIA	VK4TJ
29500.0	8	2016	2	5	0315	F3E	ASIAN	QG62an	WIA	VK4TJ
29512.5	8	2016	2	3	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
29515.0	6	2016	2	9	0630	A3E	ASIAN	QG62an	WIA	VK4TJ
29525.0	8	2016	2	3	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
29537.5	8	2016	2	19	0645	F3E	ASIAN	QG62an	WIA	VK4TJ
29550.0	8	2016	2	3	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
29575.0	8	2016	2	3	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
29587.5	8	2016	2	3	0220	F3E	ASIAN	QG62an	WIA	VK4TJ
29600.0	8	2016	2	3	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
29612.5	8	2016	2	3	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
29625.0	8	2016	2	3	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29637.5	8	2016	2	19	0640	F3E	ASIAN	QG62an	WIA	VK4TJ
29650.0	8	2016	2	4	0905	F3E	ASIAN	QG62an	WIA	VK4TJ
29655.0	6	2016	2	27	0235	A3E	ASIAN	QG62an	WIA	VK4TJ
29662.5	8	2016	2	21	0610	F3E	ASIAN	QG62an	WIA	VK4TJ
29675.0	8	2016	2	3	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
29687.5	8	2016	2	9	0610	F3E	ASIAN	QG62an	WIA	VK4TJ
29700.0	8	2016	2	5	0315	F3E	ASIAN	QG62an	WIA	VK4TJ
29995.0	6	2016	2	17	0350	A3E	ASIAN	QG62an	WIA	VK4TJ

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