



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



January 2016

Titon Dutono, YB3PET

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

This month there were 16 observations from ARSI, 267 observations from JARL, 67 observations from NZART, and 414 observations from WIA. There were total 754 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 17m.

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

ARSI: 16 observations

KHz	BW KHz.	YYYY	MM	DD	UTC	EMM	ADM	ID	DESCRIPTION.	GRID	SOCIETY	EQUIPMENT	ANTENNA
7010	1	2016	01	13	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7000	1	2016	01	13	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7005	1	2016	01	13	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7015		2016	01	13	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7020		2016	01	13	<1335-1345>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
7045	1	2016	01	13	<1340-1350>	J3E/L	INS	UNID	INDONESIAN, NON HAM, 2-OM LONG CHATS, NO ID	MK82	ARSI	FT757GX	INV.VEE; VERT;
10101	1	2016	01	13	<1330-1345>	J3E/U	UNID	UNID	TWO OM IN BENGALEE LANGUAGE WITH "OVER" IN BETWEEN	MK82	ARSI	FT757GX	INV.VEE; VERT;
10118	1	2016	01	13	<1345-1355>	J3E/U	INS	UNID	FOUR OM IN INDONESIAN, SORT OF NET; NO ID;	MK82	ARSI	FT757GX	INV.VEE; VERT;
7035	1	2016	01	13	<1410-1420>	J3E/L	INS	UNID	TWO OM IN BENGALEE LANGUAGE WITH "OVER" IN BETWEEN ARABIC RESEMBLING LANGUAGE BROADCAST; SPURIOUS PRODUCT	MK82	ARSI	FT757GX	INV.VEE; VERT;
7030	3	2016	01	13	<1410-1435>	A3E	UNID	UNID	??	MK82	ARSI	FT757GX	INV.VEE; VERT;
7017	2	2016	01	14	<0205-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
10101		2016	01	14	<0210-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7162		2016	01	14	<0215-0230>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7011		2016	01	22	<0330-0340>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7003		2016	01	22	<0330-0340>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14004		2016	01	24	<0200-0210>	J3E/U	UNID	UNID	SOUTH EAST ASIAN -2 OM CONVERSING WITHOUT CALL SIGNS	MK82	ARSI	FT757GX	INV.VEE; VERT;

JARL: 267 observations

KHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
3552	3.0	2016	01	12	12:54	J3E						Japanese song with no call	PM84UQ	JARL
3705	0.5	2016	01	10	10:50	A1A						repeat of " OBCD "	PM84UQ	JARL
7039	0.5	2016	01	02	1108	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	03	1010	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	12	1110	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	12	1208	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	18	1006	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	18	1106	PXX			non	non	non	unkown pulse mode PXX only	PM97	JARL
7039	0.5	2016	01	19	1006	A1A			non	non	non	unkown pulse mode PXX only	PM97	JARL
7039	0.5	2016	01	19	1106	PXX			non	non	non	unkown pulse mode PXX only	PM97	JARL
7039	0.5	2016	01	20	1006	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	20	1106	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	20	1210	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	22	1212	PXX			non	non	non	unkown pulse mode PXX only	PM97	JARL
7039	0.5	2016	01	24	0950	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	24	1106	PXX			non	non	non	unkown pulse mode PXX only	PM97	JARL
7039	0.5	2016	01	25	0950	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	26	1430	A1A			15	RUS	M--signal	Beacon	PM97	JARL
7039	0.5	2016	01	26	1640	A1A			15	RUS	M--signal	Beacon	PM97	JARL

7039	0.5	2016	01	26	1810	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	27	1010	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	28	0945	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	28	1010	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	29	0940	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	29	1010	PXX		non	non	non	unkown pulse mode PXX only		PM97	JARL
7039	0.5	2016	01	29	1014	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	30	0940	A1A		15	CHN	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	31	0940	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7039	0.5	2016	01	31	1006	A1A		15	RUS	M--signal	Beacon		PM97	JARL
7040	0.5	2016	01	05	10:32	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	01	11	11:21	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	01	12	09:59	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	01	14	11:26	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	01	18	09:57	A1A					train of " M "		PM84UQ	JARL
7040	0.5	2016	01	19	11:58	A1A					train of " M "		PM84UQ	JARL
7131	3.0	2016	01	08	04:25	J3E					Japanese song with no call		PM84UQ	JARL
7200	5	2016	01	01	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	01	01	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	01	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM97	JARL
7200	4	2016	01	01	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	01	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM97	JARL
7200	4	2016	01	01	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	4	2016	01	01	1202	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	3	2016	01	01	1204	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	4	2016	01	02	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	02	1000	A3E		non	CHN	non	Chainese talk and music	no time signal on air late	PM97	JARL
7200	5	2016	01	02	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM97	JARL
7200	5	2016	01	02	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	02	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM97	JARL
7200	4	2016	01	02	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	4	2016	01	02	1202	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	3	2016	01	02	1204	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	5	2016	01	03	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 1+1	PM97	JARL
7200	4	2016	01	03	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	03	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM97	JARL
7200	4	2016	01	03	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	03	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM97	JARL
7200	4	2016	01	03	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	4	2016	01	03	1202	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	3	2016	01	03	1204	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	5	2016	01	04	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 0+1	PM97	JARL
7200	4	2016	01	04	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	04	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1	PM97	JARL
7200	4	2016	01	04	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM97	JARL
7200	5	2016	01	04	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 3+1 after QRT	PM97	JARL
7200	4	2016	01	04	1200	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM97	JARL
7200	4	2016	01	04	1202	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	3	2016	01	04	1204	A3E		non	CHN	non	Chainese talk and music		PM97	JARL
7200	5	2016	01	06	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 1+1	PM97	JARL
7200	4	2016	01	06	1000	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM97	JARL
7200	5	2016	01	06	1100	A3E		non	CHN	non	Chainese talk and music	Time signal 5+1	PM97	JARL

7200	4	2016	01	06	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	06	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	06	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	4	2016	01	06	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	06	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	07	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	5	2016	01	07	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	07	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	07	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	07	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	07	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	4	2016	01	07	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	08	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	4	2016	01	08	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	08	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	08	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	08	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	08	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	4	2016	01	08	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	08	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	09	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	4	2016	01	09	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	09	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	09	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	09	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	09	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	09	1202	A3E	non	CHN	non	Chanese talk and music			PM97	JARL
7200	3	2016	01	09	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	10	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	4	2016	01	10	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	10	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	10	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	10	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	10	1200	A3E	non	CHN	non	Chainese talk and music	no Time signal		PM97	JARL
7200	4	2016	01	10	1202	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	3	2016	01	10	1204	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	11	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	11	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	11	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	11	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	11	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	11	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	4	2016	01	11	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	11	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	12	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	12	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	12	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	12	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	4	2016	01	12	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	12	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	13	1000	A3E	non	CHN	non	Chainese talk and music	no time signal		PM97	JARL
7200	4	2016	01	13	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL

7200	5	2016	01	13	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	after QRT	PM97	JARL
7200	4	2016	01	13	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	13	1200	A3E	non	CHN	non	Chainese talk and music	Time siganl 5+1	2 sec late		PM97	JARL
7200	4	2016	01	13	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	4	2016	01	13	1202	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	3	2016	01	13	1204	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	5	2016	01	14	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	14	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	5	2016	01	14	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	14	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	14	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM97	JARL
7200	4	2016	01	14	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1			PM97	JARL
7200	4	2016	01	14	1202	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	3	2016	01	14	1204	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	5	2016	01	15	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	15	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	5	2016	01	15	1100	A3E	non	CHN	non	Chainese talk and music	Time siganl 5+1	2 sec late		PM97	JARL
7200	4	2016	01	15	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	5	2016	01	15	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM97	JARL
7200	4	2016	01	15	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	4	2016	01	15	1202	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	3	2016	01	15	1204	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	5	2016	01	16	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1			PM97	JARL
7200	4	2016	01	16	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	16	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	16	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	16	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	16	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	16	1202	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	3	2016	01	16	1204	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	5	2016	01	17	1000	A3E	non	CHN	non	Chainese talk and nusic	Time signal 0+1			PM97	JARL
7200	4	2016	01	17	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	17	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	17	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	17	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	17	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	4	2016	01	17	1202	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	3	2016	01	17	1204	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	5	2016	01	18	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	18	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	18	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	18	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	18	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM97	JARL
7200	4	2016	01	18	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	4	2016	01	18	1202	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	3	2016	01	18	1204	A3E	non	CHN	non	Chainese talk and music				PM97	JARL
7200	5	2016	01	19	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1			PM97	JARL
7200	4	2016	01	19	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	5	2016	01	19	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1			PM97	JARL
7200	4	2016	01	19	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL
7200	5	2016	01	19	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT		PM97	JARL
7200	4	2016	01	19	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late		PM97	JARL

7200	4	2016	01	19	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	19	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	20	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 1+1		PM97	JARL
7200	4	2016	01	20	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	20	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	20	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	20	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	20	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	20	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	20	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	21	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 1+1		PM97	JARL
7200	4	2016	01	21	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	21	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	21	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	21	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	21	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	15 sec late ?	PM97	JARL
7200	5	2016	01	21	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	4	2016	01	21	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	22	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	4	2016	01	22	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	22	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	22	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	22	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	22	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	22	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	22	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	23	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	23	1000	A3E	non	CHN	non	Chanese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	23	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	23	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	23	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	23	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	23	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	23	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	24	1000	A3E	non	CHN	non	Chainese talk and music	no time signal		PM97	JARL
7200	4	2016	01	24	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	5	2016	01	24	1100	A3E	non	CHN	non	Chainese talk and music	no time signal		PM97	JARL
7200	4	2016	01	24	1100	A3E	non	CHN	non	Chainese talk and music	no time signal		PM97	JARL
7200	5	2016	01	24	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	24	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	24	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	24	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	25	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	4	2016	01	25	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	25	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	25	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	25	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	25	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	25	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	25	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	27	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	27	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL

7200	5	2016	01	27	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	27	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	27	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+0	after QRT	PM97	JARL
7200	4	2016	01	27	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	4	2016	01	27	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	27	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	28	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	28	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	28	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	28	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	28	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	4	2016	01	28	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	20 sec late ?	PM97	JARL
7200	4	2016	01	28	1202	A3E	non	CHN	non	Chainese talk and music	Time signal 4+1		PM97	JARL
7200	3	2016	01	28	1204	A3E	non	CHN	non	Chainese talk and music	Time signal 2+1		PM97	JARL
7200	5	2016	01	29	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1		PM97	JARL
7200	5	2016	01	29	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	29	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	2 sec late	PM97	JARL
7200	5	2016	01	29	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 0+1	after QRT	PM97	JARL
7200	4	2016	01	29	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	16 sec late ?	PM97	JARL
7200	4	2016	01	29	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	29	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	30	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	30	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	30	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	4	2016	01	30	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1		PM97	JARL
7200	5	2016	01	30	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	after QRT	PM97	JARL
7200	4	2016	01	30	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 5+1	16 sec late ?	PM97	JARL
7200	4	2016	01	30	1202	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	30	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7200	5	2016	01	31	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	31	1000	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	5	2016	01	31	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1		PM97	JARL
7200	4	2016	01	31	1100	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	15 sec late ?	PM97	JARL
7200	5	2016	01	31	1200	A3E	non	CHN	non	Chainese talk and music	Time signal 3+1	after QRT	PM97	JARL
7200	4	2016	01	31	1200	A3E	non	CHN	non	Chainese talk and music	no time signal		PM97	JARL
7200	4	2016	01	31	1202	A1A	non	CHN	non	Chainese talk and music			PM97	JARL
7200	3	2016	01	31	1204	A3E	non	CHN	non	Chainese talk and music			PM97	JARL
7040	0.5	2016	01	28	11:38	A1A				train of " M "			PM84UQ	JARL
7040	0.5	2016	01	31	09:43	A1A				train of " M "			PM84UQ	JARL

NZART: 67 observations

kHz	BW	YYYY	MON	DD	GMT	UTC	Emm	Bd	Sft	HDG	ADM	ID	Description
7000		2016	01	DY	HX	HX	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.
7021		2016	01	14	<0749>	0749	J3E/U				IND	Unid	Non Amateurs
7038.7		2016	01	DY	<0330>	0330-2200	A1A				RUS	D	CW Baecon D, Sevastopol RCV
7038.8		2016	01	DY	<1810>	1810	A1A				RUS	K	CW Beacon K

7038.9		2016	01	DY	<0330>	0330-2200	A1A		RUS	S	CW Beacon S, Sevromorsk RIT
7039.2		2016	01	DY	<0330>	0330-2200	A1A		RUS	F	CW Beacon F, Vladvostok RIS
7039.4		2016	01	DY	<0330>	0330-2200	A1A		RUS	M	CW Beacon M, Magadan RTS
7120		2016	01	DY	<1735>	1735	A3E		?	Unid	Broadcast Station Music & talks
7200		2016	01	DY	<1745>	1745-1130	A3E		?	Unid	Broadcast Station Chinese talk
14095	190	2016	01	16	<0240>	0240	PXX		?	Unid	OTHR S9 wiping out 20 metre band
14102.5	205	2016	01	16	<0914>	0914	PXX		?	Unid	OTHR S9+ wide
14110	10	2016	01	26	<2325>	2325	PXX		?	Unid	OTHR intermittent
14110	10	2016	01	27	<0650>	0650	PXX		?	Unid	OTHR intermittent repeater 1 min.
14155	200	2016	01	17	<0626>	0629	PXX		?	Unid	OTHR 51 second bursts intermittant S6 9 PPS
14221		2016	01	31	<2000>	2130	F1B	50 200	?	Unid	RTTY 50 baud 200 Hz shift S3 until fade out
14150	100	2016	01	14	<0120>	0120	PXX		?	Unid	OTHR ntermitant, 9 pps
14150	100	2016	01	15	<0138>	0138-0915	PXX		?	Unid	" " " "
14180	10	2016	01	27	<0705>	0705	PXX		?	Unid	OTHR every 1 min.
14185		2016	01	05	<0123.	0123	PXX	330	?	Unid	OTHR S8
14196	106	2016	01	30	<0201>	0201	PXX		?	Unid	OTHR S4 23 pps
14205	110	2016	01	21	<0944>	0944	PXX		?	Unid	OTHR S9 wiping out 20 metre band
14220		2016	01	31	<0506>	0506	F1B	50 200	?	Unid	RTTY S4 CIS 50-50
14280	60	2016	01	15	<0051>	0051	PXX		?	Unid	OTHR S5 continous wiping out 20 metre band
14300		2016	01	DY	HX	HX	G7D		CHN	Unid	Chinese BPSK 16 channels in between "pips" & traffic
14300.6		2016	01	03	<0657>	0657	G7D		CHN	Unid	Chinese BPSK 16 channels in between "pips" & traffic S4
14300.6		2016	01	31	<0513>	0513	G7D		CHN	Unid	Chinese BPSK 16 Channels S3 Idling
18078	10	2016	01	11	<1100>	1100	PXX		?	Unid	OTHR 1 sec. breaks in continuous tx
18085	10	2016	01	04	<2155>	2155	PXX		?	Unid	OTHR Double pulses every 50 secs
18100	20	2016 01	01	11	<0052>	0052	PXX		?	Unid	OTHR 1 only
18105	3	2016	01	06	<0640>	0640	PXX		?	Unid	OTHR Continuous with 1 sec breaks
18108	10	2016	01	11	<1100>	1100	PXX		?	Unid	OTHR 1 sec breaks in continuous tx.
18168	20	2016	01	05	<0645>	0645	PXX		?	Unid	OTHR Continuous. Lowest freq. 18158
18166	3	2016	01	DY	H24	H24	PXX		?	Unid	OTHR Only 3k wide but OTHR
21000		2016	01	04	<0552.	0552-0707	NON		?	Unid	Carrier S3 steady monitoring as next entry it burst into OTHR
21000		2016	01	04	<0707>	0705	PXX		?	Unid	OTHR 30 pps 16 second burst at S7 widespread commenced with NON
21000.75	33	2016	01	03	<0414>	0414-0620	PXX		?	Unid	OTHR burst 13.5 seconds long with long carrier prior 37 pps

21159.5	20	2016	01	31	<0622>	0622-0624	PXX		CYP	Unid	OTHR 50 pps continuous Cyprus
21089.5	20	2016	01	31	<0522>	0522-0533	PXX		CYP	Unid	OTHR 50 pps S9+10 dbm Continuous
21198		2016	01	31	<0533>	0533	G7DF		?	Unid	HF Man Pack 8-PSK S2
21200	20	2016	01	DY	Various	Various	PXX		?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)
21200	10	2016	01	05	<2121>	2121	PXX		?	Unid	OTHR Every 1 min.
21202	10k	2016	01	08	<0105>	0105	PXX		?	Unid	OTHR every 1 min.
21206	12	2016	01	31	<0528>	0528-0529	PXX		?	Unid	OTHR 18 pps S4 centre pip
21205	10	2016	01	DY	Various	Various	PXX		?	Unid	OTHR 18 secs on 10 pps (at times 1/2 speed)
21215	10	2016	01	05	<0645>	0645	PXX		?	Unid	OTHR Triple bursts
21220	10	2016	01	05	<2130>	2130	PXX		?	Unid	OTHR on for 20 secs each 2 miins
21232	10	2016	01	30	<0320>	0320	PXX		?	Unid	OTHR S8 5 second bursts
21240	20	2016	01	11	<0048>	0048	PXX		?	Unid	OTHR one only - other freqs o/s of band in use as well
21247	10	2016	01	03	<0455>	0455	PXX		?	Unid	OTHR every 2 mins.
21248	10	2016	01	29	<0126>	0126	PXX		?	Unid	OTHR only 1 burst
21250		2016	01	31	<0624>	0624	G7DF		?	Unid	HF Man Pack 8-PSK S5
21280		2016	01	30	<0332>	0332	G7DF		?	Unid	HF Man Pack 8-PSK S2
21289	10	2016	01	30	<0342>	0342	PXX		?	Unid	OTHR S8 40 pps 2.9 second bursts with pip
21316		2016	01	31	<0518>	0518	G7DF		?	Unid	HF Man Pack 8-PSK S3
21340		2016	01	31	<0622>	0622	G7DF		?	Unid	HF Man Pack 8-PSK S3
21346.5	33	2016	01	30	<0326>	0326	PXX		?	Unid	OTHR S8 5 second bursts
21422.5	159	2016	01	25	<0458>	0458-0545	PXX		?	Unid	OTHR S2 Constant 10 PPS increasingly in intensity to S6
24890	10	2016	01	04	<0618>	0618	PXX		?	Unid	OTHR every 2 mins, on for 45 secs
28125		2016	01	03	<0507>	0507	F3E		CHN	Unid	Chinese Non Amateurs S2
28175		2016`	01	03	<0506>	0506	F3E		CHN	Unid	Chinese Non Hams S2
28225		2016	01	03	<0505>	0505	F3E		CHN	Unid	Chinese non hams S2-3
28275		2016	01	03	<0505>	0505	F3E		CHN	Unid	Chinese non hams S3

WIA: 414 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3528,5	1	2016	1	31	1940		F1B						SAME AS 14301.5	QG62an	WIA	VK4TJ
3554,0	5	2016	1	1	1935		G1D						SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
3568,0	1	2016	1	31	1945		F1B		500				CONTINUOUS DOZENS OF SUBCARRIERS ON CLOSE-SPACED	QG62an	WIA	VK4TJ
3575,0	5	2016	1	21	1855		G7D						INTERVALS	QG62an	WIA	VK4TJ
3585,0	3	2016	1	21	1855		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ

3593,8		2016	1	21	1855	A1A		RUS	P	DAILY, BEACON		QG62an	WIA	VK4TJ
3594,0		2016	1	21	1855	A1A		RUS	A	DAILY, BEACON		QG62an	WIA	VK4TJ
3596,0	3	2016	1	1	1935	J3E/U				CHINESE ROBOT VOICE READING LIST		QG62an	WIA	VK4TJ
3598,0	1	2016	1	21	1920	F1B				SELCALL TONES		QG62an	WIA	VK4TJ
3600,1	3	2016	1	7	1900	J3E/U				ASIAN, READING LIST		QG62an	WIA	VK4TJ
3616,0		2016	1	1	1935	A1A			7N937	VVV		QG62an	WIA	VK4TJ
3622,5	3	2016	1	1	0930	J1C		JPN	JMH	FAX		QG62an	WIA	VK4TJ
3633,0	2	2016	1	1	1940	F1B				BURSTS		QG62an	WIA	VK4TJ
3642,0	1	2016	1	7	1900	F1B				SELCALL		QG62an	WIA	VK4TJ
3642,0		2016	1	7	1905	A1A			3A7D	CALLING DKG6		QG62an	WIA	VK4TJ
3643,0		2016	1	26	1900	A1A				MIXED NUMBER/LETTER CIPHER		QG62an	WIA	VK4TJ
3650,0	100	2016	1	10	1930	P0N				OTHR, CONTINUOUS		QG62an	WIA	VK4TJ
3658,0		2016	1	1	1940	A1A		RUS	V	DAILY, BEACON		QG62an	WIA	VK4TJ
3697,0	3	2016	1	2	0930	J1C				FAX		QG62an	WIA	VK4TJ
3750,0	100	2016	1	7	1930	P0N				OTHR, CONTINUOUS		QG62an	WIA	VK4TJ
3777,0		2016	1	1	1940	A1A			RIS9	CALLING M8JF		QG62an	WIA	VK4TJ
3782,0	3	2016	1	21	1900	A2A				POOR NOTE - WHITE NOISE		QG62an	WIA	VK4TJ
3788,7	3	2016	1	1	1955	J3E/U				CHINESE SPEAKERS		QG62an	WIA	VK4TJ
3800,0	50	2016	1	21	1900	P0N				OTHR, CONTINUOUS		QG62an	WIA	VK4TJ
6950,0	150	2016	1	1	0934	P0N				OTHR, CONTINUOUS		QG62an	WIA	VK4TJ
7000,0		2016	1	6	0915	N0N						QG62an	WIA	VK4TJ
7000,0	3	2016	1	1	0905	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7000,0	3	2016	1	13	1000	J3E/U				ASIAN MUSIC		QG62an	WIA	VK4TJ
7005,0	3	2016	1	1	0900	J3E/L		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7005,0	3	2016	1	1	0905	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7005,0	3	2016	1	24	<0910>	J3E/U		INS		Pirate - No Callsigns in QSO other stn		QF22md	WIA	VK3MV
7010,0	3	2016	1	1	0905	J3E/L		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7010,0	3	2016	1	1	0900	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7010,0	3	2016	1	1	1940	J3E/U				CHINESE		QG62an	WIA	VK4TJ
7012,0	1	2016	1	16	2120	F1B	75 250	RUS		CONTINUOUS		QG62an	WIA	VK4TJ
7015,0	3	2016	1	1	1025	J3E/L		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7015,0	3	2016	1	1	1025	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7020,0	10	2016	1	7	1940	P0N				OTHR, CONTINUOUS		QG62an	WIA	VK4TJ
7020,0	3	2016	1	1	0920	J3E/L		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7020,0	3	2016	1	7	0920	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7021,0	3	2016	1	7	0750	J3E/U				ASIAN, SOUNDS CHINESE		QG62an	WIA	VK4TJ
7025,0	10	2016	1	7	1020	P0N				OTHR, CONTINUOUS		QG62an	WIA	VK4TJ
7025,0	3	2016	1	1	0940	J3E/L		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7025,0	3	2016	1	26	0935	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7027,0	1	2016	1	21	1910	F1B				IDLING		QG62an	WIA	VK4TJ
7030,0	50	2016	1	6	1020	P0N				OTHR, BURSTS		QG62an	WIA	VK4TJ
7030,0	3	2016	1	1	0905	J3E/L		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7030,0	3	2016	1	26	0935	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7035,0	3	2016	1	6	0945	J3E/L		INS		DAILY, VILLAGE RADIO, CHANTING		QG62an	WIA	VK4TJ
7035,0	3	2016	1	26	0935	J3E/U		INS		DAILY, VILLAGE RADIO		QG62an	WIA	VK4TJ
7039,0		2016	1	12	0845	A1A		RUS	C	DAILY, BEACON		QG62an	WIA	VK4TJ
7039,3		2016	1	12	0845	A1A		RUS	K	DAILY, BEACON		QG62an	WIA	VK4TJ
7039,4		2016	1	1	0905	A1A		RUS	M	DAILY, BEACON		QG62an	WIA	VK4TJ
7040,0	3	2016	1	8	0820	J3E/U		INS		VILLAGE RADIO		QG62an	WIA	VK4TJ
7050,0	2	2016	1	12	0820	G7DF				MANPACK RADIO		QG62an	WIA	VK4TJ

7061,0	3	2016	1	1	2010	J3E/U		JAPANESE	QG62an	WIA	VK4TJ
7070,3	3	2016	1	16	2125	J3E/U		CHINESE SPEAKERS	QG62an	WIA	VK4TJ
7090,0	170	2016	1	21	1940	P0N		OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
7100,0	3	2016	1	1	0930	J3E/L	INS	DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7100,0	3	2016	1	20	1015	J3E/U		ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7101,0	3	2016	1	20	1015	F1B		SELCALL	QG62an	WIA	VK4TJ
7101,9	3	2016	1	17	0850	J1C	ENG	WEATHER FAX	QG62an	WIA	VK4TJ
7103,0	1	2016	1	7	1855	F1B		BURSTS	QG62an	WIA	VK4TJ
7114,0	1	2016	1	31	1955	F1B	250	BURSTS	QG62an	WIA	VK4TJ
7117,5	1	2016	1	26	0945	F1B		CONTINUOUS	QG62an	WIA	VK4TJ
7117,5		2016	1	26	1905	A1A		NUMBER CIPHER	QG62an	WIA	VK4TJ
7120,0	3	2016	1	6	1015	J3E/U		ASIAN	QG62an	WIA	VK4TJ
7120,0	8	2016	1	7	1855	A3E	SOM	RADIO HARGEISA	QG62an	WIA	VK4TJ
7120,0	20	2016	1	1	1945	VXX		CODAR	QG62an	WIA	VK4TJ
7140,0	20	2016	1	20	1020	VXX		CODAR	QG62an	WIA	VK4TJ
7159,0	0,5	2016	1	27	<0645	A2A	AUS	Random Figs/lts Jamming USB Emission 7160	QF22md	WIA	VK3MV
7159,0	0,5	2016	1	31	<0220 -0243	A2A	AUS	Random Figs/lts Continous no callsign	QF22md	WIA	VK3MV
7161,8	3	2016	1	21	1910	J3E/U		ASIAN	QG62an	WIA	VK4TJ
7171,0	3	2016	1	1	1945	J3E/U		DAILY, ASIAN FAMILY NET, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7176,0	3	2016	1	30	2300	G1D		UNKNOWN DATA MODE, APPARENTLY IDLING	QG62an	WIA	VK4TJ
7178,0	1	2016	1	7	1940	F1B		SELCALL	QG62an	WIA	VK4TJ
7180,0	5	2016	1	1	1945	G7D		8 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
7181,0	3	2016	1	7	1935	J3E/U		ARABIC	QG62an	WIA	VK4TJ
7198,0	1	2016	1	1	2000	F1B		SELCALL	QG62an	WIA	VK4TJ
7200,0	8	2016	1	6	1005	A3E		DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
10130,0	20	2016	1	12	0740	VXX		CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
10130,0	10	2016	1	26	1915	P0N		OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
10160,0	50	2016	1	20	1020	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
13999,0	3	2016	1	26	2125	J3E/U		ASIAN, SOUNDS HINDI	QG62an	WIA	VK4TJ
14000,0	160	2016	1	29	1020	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14000,0	10	2016	1	25	0855	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14000,0		2016	1	1	0840	N0N			QG62an	WIA	VK4TJ
14000,0	3	2016	1	1	1945	J3E/U		DAILY, ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
14005,0	3	2016	1	12	1005	J3E/U		DAILY, ASIAN	QG62an	WIA	VK4TJ
14009,0	3	2016	1	28	2120	J3E/U		UNKNOWN LANGUAGE	QG62an	WIA	VK4TJ
14012,2	3	2016	1	12	1005	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14014,0	3	2016	1	4	0805	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14020,0	40	2015	1	12	0630	P0N		OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14035,0	3	2016	1	27	1005	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14036,6	3	2016	1	1	2310	J3E/U		DAILY, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14038,0	3	2016	1	20	0900	J3E/L		ASIAN	QG62an	WIA	VK4TJ
14040,0	3	2016	1	11	0740	J3E/U		DAILY, ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14041,2	3	2016	1	31	2120	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14045,0	1	2016	1	8	0925	F1B		DAILY, BURSTS	QG62an	WIA	VK4TJ
14045,3	3	2016	1	11	0740	J3E/U		DAILY, ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14048,0	3	2016	1	27	2245	J3E/U	PHL	DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050,0	2	2016	1	28	0650	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14050,0	3	2016	1	4	0800	J3E/U		ASIAN,SOUNDS CHINESE	QG62an	WIA	VK4TJ
14050,6	3	2016	1	7	0955	J3E/U		DAILY, ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14051,0	1	2016	1	20	0905	F1B		BURSTS	QG62an	WIA	VK4TJ
14052,0	3	2016	1	28	2115	J3E/U		SPANISH SPEAKERS	QG62an	WIA	VK4TJ

14053,0	3	2016	1	20	0900	J3E/L		ASIAN	QG62an	WIA	VK4TJ
14053,3	3	2016	1	15	0845	J3E/U		SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14055,0	2	2016	1	28	0100	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14057,0	1	2016	1	10	0800	F1B		SELCALL	QG62an	WIA	VK4TJ
14090,0	2	2016	1	28	0150	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
14100,1	3	2016	1	31	0820	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14101,0	3	2016	1	20	1020	J3E/L		DAILY, ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14101,6	3	2016	1	28	0205	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14120,2	3	2016	1	18	2220	J3E/L		ASIAN	QG62an	WIA	VK4TJ
14128,0	1	2016	1	22	0945	F1B		BURSTS	QG62an	WIA	VK4TJ
14140,0	3	2016	1	17	2125	J3E/L		ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14150,0	100	2016	1	12	0645	P0N		OTHR	QG62an	WIA	VK4TJ
14162,0	1	2016	1	2	2150	F1B		SELCALL TONES	QG62an	WIA	VK4TJ
14165,0	5	2016	1	4	0835	G7D		5 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14187,1	3	2016	1	22	0945	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14190,0	10	2016	1	29	0750	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14190,0	150	2016	1	17	<0715 - 0745>	P0N	NNW	Wide band OHR. QRM to large section of band	QG62ni	WIA	VK4CC
14200,0	10	2016	1	29	0750	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14200,0	40	2016	1	4	0835	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14210,0	10	2016	1	29	<0040 - >	P0N		50pps duration 5s every 25s	QF22md	WIA	VK3MV
14214,0		2016	1	8	0940	A1A		MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14221,0	1	2016	1	31	2005	F1B		IDLING	QG62an	WIA	VK4TJ
14230,0	100	2016	1	26	0955	P0N		OTHR	QG62an	WIA	VK4TJ
14238,0	5	2016	1	6	0910	G7D		DAILY	QG62an	WIA	VK4TJ
14250,0	10	2016	1	13	1015	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14280,0	8	2016	1	27	1015	A3E		ASIAN, SAME PHRASE REPEATED	QG62an	WIA	VK4TJ
14290,0	10	2016	1	19	2320	P0N		OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14295,0	8	2016	1	7	1020	A3E	TJK	3RD HARMONIC, RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14301,5	5	2016	1	7	1020	G7D		DAILY	QG62an	WIA	VK4TJ
14303,7	3	2016	1	12	1015	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14310,0	10	2016	1	29	<0000 - 0020	P0N		50pps duration 4s every 45s	QF22md	WIA	VK3MV
14313,0	1	2016	1	20	1015	F1B		SELCALL	QG62an	WIA	VK4TJ
14317,0	5	2016	1	29	2215	G1D		BURSTS	QG62an	WIA	VK4TJ
14326,0	3	2016	1	21	0915	J3E/U		ASIAN	QG62an	WIA	VK4TJ
14330,0	20	2016	1	6	0900	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
14335,3	3	2016	1	18	1000	J3E/L		ASIAN	QG62an	WIA	VK4TJ
14337,4	3	2016	1	18	1005	J3E/U		ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14340,0	5	2016	1	6	0450	G7D		12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14340,0	3	2016	1	1	1950	J3E/L		SPANISH SPEAKERS	QG62an	WIA	VK4TJ
14344,0	1	2016	1	7	0755	F1B	800	CONTINUOUS	QG62an	WIA	VK4TJ
14350,6	3	2016	1	6	0910	J3E/L		DAILY, ASIAN	QG62an	WIA	VK4TJ
18018,0	1	2016	1	19	0130	F1B		SELCALL TONES	QG62an	WIA	VK4TJ
18086,5	3	2016	1	13	1015	J3E/U		ASIAN	QG62an	WIA	VK4TJ
18095,0	10	2016	1	29	0805	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
18100,0	20	2016	1	29	0810	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18100,0	50	2016	1	2	0845	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18108,0	1	2016	1	16	0250	F1B		SELCALL	QG62an	WIA	VK4TJ
18110,0	10	2016	1	20	0125	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
18125,0	10	2016	1	29	0810	P0N		OTHR, BURSTS	QG62an	WIA	VK4TJ
18150,0	2	2016	1	30	2315	G7DF		MANPACK RADIO	QG62an	WIA	VK4TJ
18150,0	200	2016	1	21	2300	P0N		LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18200,0	100	2016	1	29	0805	P0N		OTHR, CONTINUOUS	QG62an	WIA	VK4TJ

21000,0	3	2016	1	29	0850	J3E/U	ASIAN	QG62an	WIA	VK4TJ
21000,0	10	2016	1	25	0200	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21000,0	40	2016	1	18	0155	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21000,0		2016	1	1	0835	N0N		QG62an	WIA	VK4TJ
21015,4	3	2016	1	7	0855	J3E/L	ASIAN, SOUNDS JAPANESE	QG62an	WIA	VK4TJ
21020,0	40	2016	1	12	0205	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21022,0	3	2016	1	16	0420	J3E/U	ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21050,0	10	2016	1	15	0800	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21095,0	1	2016	1	31	0725	F1B	SELCALL TONES	QG62an	WIA	VK4TJ
21100,0	20	2016	1	16	0425	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21110,0	20	2016	1	25	0245	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21120,0	10	2016	1	30	0730	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21120,0	40	2016	1	26	0735	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21132,5	3	2016	1	15	0805	J3E/U	ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21189,6	3	2016	1	26	1000	J3E/L	SOUNDS HINDI	QG62an	WIA	VK4TJ
21190,0	20	2016	1	30	0735	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21205,0	15	2016	1	9	0535	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21210,0	15	2016	1	29	0535	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21225,0	15	2016	1	20	0055	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21265,0	10	2016	1	28	2340	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21280,0	15	2016	1	30	0735	VXX	CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21288,0	20	2016	1	13	<0400-0445>	P0N	50 pps Continuous	QF22md	WIA	VK3MV
21290,0	10	2016	1	2	0405	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	1	10	0500	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	1	11	0300	P0N	OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21310,0	20	2016	1	9	0540	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21320,0	20	2016	1	2	0115	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21324,0	10	2016	1	2	0030 - 0045>	P0N	66 pps duration 10s every 15 secs	QF22md	WIA	VK3MV
21360,0	160	2016	1	29	0535	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21385,0	10	2016	1	30	0725	P0N	OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21390,0	20	2016	1	6	0835	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21394,0	3	2016	1	26	1010	J3E/L	ITALIAN SPEAKERS	QG62an	WIA	VK4TJ
21400,0	30	2016	1	16	0415	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21400,0	170	2016	1	23	0920	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21405,0	8	2016	1	16	0350	A3E	SW BROADCAST	QG62an	WIA	VK4TJ
21417,0	10	2016	1	13	<0430>	P0N	50pps duration 5s every 35s	QF22md	WIA	VK3MV
21430,0	20	2016	1	29	045	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21438,0		2016	1	27	1000	A1A	NUMBER CIPHER	QG62an	WIA	VK4TJ
21438,0	1	2016	1	25	0600	F1B	SELCALL TONES	QG62an	WIA	VK4TJ
21440,0	10	2016	1	27	0525	P0N	OTHR, BURSTS	QG62an	WIA	VK4TJ
21444,4	3	2016	1	6	0855	J3E/U	ASIAN - NO CALLS, EVER	QG62an	WIA	VK4TJ
21450,0	170	2016	1	24	2335	P0N	OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
24887,5	8	2016	1	3	0445	F3E	ASIAN	QG62an	WIA	VK4TJ
24925,0	8	2016	1	16	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
24935,0	6	2016	1	2	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
24937,5	8	2016	1	4	0840	F3E	ASIAN	QG62an	WIA	VK4TJ
24955,0	6	2016	1	1	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
24962,5	8	2016	1	5	0850	F3E	ASIAN	QG62an	WIA	VK4TJ
24965,0	6	2016	1	5	0845	A3E	ASIAN	QG62an	WIA	VK4TJ
24975,0	8	2016	1	5	0845	F3E	ASIAN	QG62an	WIA	VK4TJ
24985,0	6	2016	1	5	0840	A3E	ASIAN	QG62an	WIA	VK4TJ
24987,5	8	2016	1	16	0435	F3E	ASIAN	QG62an	WIA	VK4TJ

28000,0	6	2016	1	1	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28005,0	2	2016	1	30	0700	G7DF	MANPACK RADIO	QG62an	WIA	VK4TJ
28005,0	6	2016	1	2	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28012,5	8	2016	1	3	0055	F3E	ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2016	1	1	0355	A3E	ASIAN	QG62an	WIA	VK4TJ
28025,0	8	2016	1	2	0125	F3E	ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2016	1	1	0400	A3E	ASIAN	QG62an	WIA	VK4TJ
28037,5	8	2016	1	5	0840	F3E	ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2016	1	1	0410	F3E	ASIAN	QG62an	WIA	VK4TJ
28055,0	6	2016	1	3	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2016	1	3	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28075,0	6	2016	1	3	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2016	1	3	0100	A3E	ASIAN	QG62an	WIA	VK4TJ
28100,0	8	2016	1	3	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2016	1	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28112,5	8	2016	1	5	0825	F3E	ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2016	1	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28125,0	8	2016	1	1	0340	F3E	ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2016	1	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28137,5	8	2016	1	5	0825	F3E	ASIAN	QG62an	WIA	VK4TJ
28145,0	6	2016	1	3	0105	A3E	ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2016	1	3	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
28155,0	6	2016	1	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28162,5	8	2016	1	2	0345	F3E	ASIAN	QG62an	WIA	VK4TJ
28165,0	6	2016	1	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28175,0	8	2016	1	1	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2016	1	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28187,5	8	2016	1	3	0110	F3E	ASIAN	QG62an	WIA	VK4TJ
28195,0	6	2016	1	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28200,0	8	2016	1	2	0340	F3E	ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2016	1	1	0430	A3E	ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2016	1	2	0340	F3E	ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2016	1	5	0820	A3E	ASIAN	QG62an	WIA	VK4TJ
28225,0	8	2016	1	1	0320	F3E	ASIAN	QG62an	WIA	VK4TJ
28235,0	6	2016	1	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2016	1	3	0110	F3E	ASIAN	QG62an	WIA	VK4TJ
28245,0	6	2016	1	2	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2016	1	2	0330	F3E	ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2016	1	3	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28262,5	8	2016	1	3	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28265,0	6	2016	1	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2016	1	1	0425	F3E	ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2016	1	3	0115	A3E	ASIAN	QG62an	WIA	VK4TJ
28287,5	8	2016	1	3	0115	F3E	ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2016	1	2	0325	A3E	ASIAN	QG62an	WIA	VK4TJ
28300,0	6	2016	1	1	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28305,0	6	2016	1	2	0325	A3E	ASIAN	QG62an	WIA	VK4TJ
28312,4	3	2016	1	15	0900	J3E/U	SOUNDS CHINESE, NO CALLS, EVER	QG62an	WIA	VK4TJ
28315,0	6	2016	1	5	0815	A3E	ASIAN	QG62an	WIA	VK4TJ
28325,0	8	2016	1	3	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28335,0	6	2016	1	3	0120	A3E	ASIAN	QG62an	WIA	VK4TJ
28337,5	8	2016	1	2	0320	F3E	ASIAN	QG62an	WIA	VK4TJ

28350,0	8	2016	1	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2016	1	2	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28362,5	8	2016	1	3	0120	F3E	ASIAN	QG62an	WIA	VK4TJ
28365,0	6	2016	1	2	0315	A3E	ASIAN	QG62an	WIA	VK4TJ
28375,0	8	2016	1	2	0315	F3E	ASIAN	QG62an	WIA	VK4TJ
28385,0	6	2016	1	2	0315	A3E	ASIAN	QG62an	WIA	VK4TJ
28387,5	8	2016	1	5	0815	F3E	ASIAN	QG62an	WIA	VK4TJ
28400,0	8	2016	1	2	0315	F3E	ASIAN	QG62an	WIA	VK4TJ
28405,0	6	2016	1	2	0315	A3E	ASIAN	QG62an	WIA	VK4TJ
28415,0	6	2016	1	2	0310	A3E	ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2016	1	2	0310	F3E	ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2016	1	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28437,5	8	2016	1	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28440,0	6	2016	1	11	0110	A3E	ASIAN	QG62an	WIA	VK4TJ
28445,0	6	2016	1	1	0320	A3E	ASIAN	QG62an	WIA	VK4TJ
28450,0	8	2016	1	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28455,0	6	2016	1	2	0310	A3E	ASIAN	QG62an	WIA	VK4TJ
28465,0	6	2016	1	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28475,0	8	2016	1	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28481,0	6	2016	1	3	0125	A3E	ASIAN	QG62an	WIA	VK4TJ
28485,0	6	2016	1	2	0305	A3E	ASIAN	QG62an	WIA	VK4TJ
28500,0	8	2016	1	3	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28505,0	6	2016	1	2	0305	A3E	ASIAN	QG62an	WIA	VK4TJ
28512,5	8	2016	1	3	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28515,0	6	2016	1	2	0300	A3E	ASIAN	QG62an	WIA	VK4TJ
28525,0	6	2016	1	2	0130	A3E	ASIAN	QG62an	WIA	VK4TJ
28535,0	6	2016	1	2	0300	A3E	ASIAN	QG62an	WIA	VK4TJ
28537,5	8	2016	1	5	0805	F3E	ASIAN	QG62an	WIA	VK4TJ
28550,0	6	2016	1	2	0300	A3E	ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2016	1	1	0430	A3E	ASIAN	QG62an	WIA	VK4TJ
28562,5	8	2016	1	5	0805	F3E	ASIAN	QG62an	WIA	VK4TJ
28565,0	6	2016	1	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28575,0	8	2016	1	2	0255	F3E	ASIAN	QG62an	WIA	VK4TJ
28585,0	6	2016	1	2	0255	A3E	ASIAN	QG62an	WIA	VK4TJ
28587,5	8	2016	1	2	0255	F3E	ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2016	1	2	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28600,0	8	2016	1	5	0800	F3E	ASIAN	QG62an	WIA	VK4TJ
28605,0	6	2016	1	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28612,5	8	2016	1	2	0250	F3E	ASIAN	QG62an	WIA	VK4TJ
28615,0	6	2016	1	2	0250	A3E	ASIAN	QG62an	WIA	VK4TJ
28625,0	8	2016	1	2	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
28635,0	6	2016	1	2	0250	A3E	ASIAN	QG62an	WIA	VK4TJ
28637,5	8	2016	1	2	0250	F3E	ASIAN	QG62an	WIA	VK4TJ
28645,0	6	2016	1	2	0245	A3E	ASIAN	QG62an	WIA	VK4TJ
28650,0	8	2016	1	1	0430	F3E	ASIAN	QG62an	WIA	VK4TJ
28655,0	6	2016	1	2	0245	A3E	ASIAN	QG62an	WIA	VK4TJ
28662,5	8	2016	1	2	0245	F3E	ASIAN	QG62an	WIA	VK4TJ
28665,0	6	2016	1	2	0245	A3E	ASIAN	QG62an	WIA	VK4TJ
28675,0	6	2016	1	1	0325	A3E	ASIAN	QG62an	WIA	VK4TJ
28685,0	6	2016	1	2	0245	A3E	ASIAN	QG62an	WIA	VK4TJ
28687,5	8	2016	1	3	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
28695,0	6	2016	1	1	0430	A3E	ASIAN	QG62an	WIA	VK4TJ

28700,0	50	2016	1	22	0520	P0N	OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
28700,0	8	2016	1	2	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
28705,0	6	2016	1	3	0135	A3E	ASIAN	QG62an	WIA	VK4TJ
28712,5	8	2016	1	6	0910	F3E	ASIAN	QG62an	WIA	VK4TJ
28715,0	6	2016	1	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28718,5	6	2016	1	5	0800	A3E	ASIAN	QG62an	WIA	VK4TJ
28725,0	8	2016	1	2	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
28735,0	6	2016	1	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28737,5	8	2016	1	5	0755	F3E	ASIAN	QG62an	WIA	VK4TJ
28745,0	6	2016	1	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28750,0	8	2016	1	2	0230	F3E	ASIAN	QG62an	WIA	VK4TJ
28755,0	6	2016	1	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28762,5	8	2016	1	3	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
28765,0	6	2016	1	3	0140	A3E	ASIAN	QG62an	WIA	VK4TJ
28775,0	8	2016	1	3	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
28787,5	8	2016	1	2	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
28800,0	8	2016	1	3	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
28812,5	8	2016	1	25	0625	F3E	ASIAN	QG62an	WIA	VK4TJ
28815,0	6	2016	1	3	0155	A3E	ASIAN	QG62an	WIA	VK4TJ
28825,0	8	2016	1	2	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
28830,0	6	2016	1	3	0155	A3E	ASIAN	QG62an	WIA	VK4TJ
28837,5	8	2016	1	5	0730	F3E	ASIAN	QG62an	WIA	VK4TJ
28850,0	8	2016	1	1	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
28862,5	8	2016	1	1	;0325	F3E	ASIAN	QG62an	WIA	VK4TJ
28865,0	6	2016	1	3	0205	A3E	ASIAN	QG62an	WIA	VK4TJ
28875,0	8	2016	1	2	0220	F3E	ASIAN	QG62an	WIA	VK4TJ
28887,5	8	2016	1	2	0220	F3E	ASIAN	QG62an	WIA	VK4TJ
28900,0	8	2016	1	3	0205	F3E	ASIAN	QG62an	WIA	VK4TJ
28912,5	8	2016	1	1	0440	F3E	ASIAN	QG62an	WIA	VK4TJ
28925,0	8	2016	1	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28937,5	8	2016	1	2	0130	F3E	ASIAN	QG62an	WIA	VK4TJ
28950,0	8	2016	1	1	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
28962,5	8	2016	1	2	0220	F3E	ASIAN	QG62an	WIA	VK4TJ
28975,0	8	2016	1	2	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
28985,0	6	2016	1	3	0215	A3E	ASIAN	QG62an	WIA	VK4TJ
28987,5	8	2016	1	2	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
29000,0	8	2016	1	5	0620	F3E	ASIAN	QG62an	WIA	VK4TJ
29005,0	6	2016	1	3	0215	A3E	ASIAN	QG62an	WIA	VK4TJ
29012,5	8	2016	1	5	0620	F3E	ASIAN	QG62an	WIA	VK4TJ
29025,0	8	2016	1	3	0220	F3E	ASIAN	QG62an	WIA	VK4TJ
29037,5	8	2016	1	5	0620	F3E	ASIAN	QG62an	WIA	VK4TJ
29050,0	8	2016	1	2	0135	F3E	ASIAN	QG62an	WIA	VK4TJ
29062,5	8	2016	1	2	0215	F3E	ASIAN	QG62an	WIA	VK4TJ
29075,0	8	2016	1	5	0620	F3E	ASIAN	QG62an	WIA	VK4TJ
29087,5	8	2016	1	3	0225	F3E	ASIAN	QG62an	WIA	VK4TJ
29100,0	8	2016	1	1	0440	F3E	ASIAN	QG62an	WIA	VK4TJ
29112,5	8	2016	1	3	0240	F3E	ASIAN	QG62an	WIA	VK4TJ
29125,0	8	2016	1	2	0210	F3E	ASIAN	QG62an	WIA	VK4TJ
29135,0	6	2016	1	11	0845	A3E	ASIAN	QG62an	WIA	VK4TJ
29137,5	8	2016	1	3	0245	F3E	ASIAN	QG62an	WIA	VK4TJ
29150,0	8	2016	1	1	0335	F3E	ASIAN	QG62an	WIA	VK4TJ
29175,0	8	2016	1	2	0135	F3E	ASIAN	QG62an	WIA	VK4TJ

29187,5	8	2016	1	11	0845	F3E	ASIAN	QG62an	WIA	VK4TJ
29195,0	6	2016	1	17	0840	A3E	ASIAN	QG62an	WIA	VK4TJ
29200,0	8	2016	1	2	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29212,5	8	2016	1	3	0300	F3E	ASIAN	QG62an	WIA	VK4TJ
29215,0	6	2016	1	4	0850	A3E	ASIAN	QG62an	WIA	VK4TJ
29225,0	8	2016	1	1	0445	F3E	ASIAN	QG62an	WIA	VK4TJ
29235,0	6	2016	1	4	0850	A3E	ASIAN	QG62an	WIA	VK4TJ
29237,5	8	2016	1	2	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29250,0	8	2016	1	2	0200	F3E	ASIAN	QG62an	WIA	VK4TJ
29262,5	8	2016	1	11	0105	F3E	ASIAN	QG62an	WIA	VK4TJ
29265,0	6	2016	1	5	0555	A3E	ASIAN	QG62an	WIA	VK4TJ
29275,0	8	2016	1	1	0445	F3E	ASIAN	QG62an	WIA	VK4TJ
29287,5	8	2016	1	4	0850	F3E	ASIAN	QG62an	WIA	VK4TJ
29300,0	8	2016	1	3	0350	F3E	ASIAN	QG62an	WIA	VK4TJ
29312,5	8	2016	1	2	0155	F3E	ASIAN	QG62an	WIA	VK4TJ
29325,0	8	2016	1	2	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
29337,5	8	2016	1	5	0555	F3E	ASIAN	QG62an	WIA	VK4TJ
29350,0	8	2016	1	3	0315	F3E	ASIAN	QG62an	WIA	VK4TJ
29355,0	6	2016	1	4	0850	A3E	ASIAN	QG62an	WIA	VK4TJ
29362,5	8	2016	1	2	0150	F3E	ASIAN	QG62an	WIA	VK4TJ
29375,0	8	2016	1	2	0150	F3E	ASIAN	QG62an	WIA	VK4TJ
29387,5	8	2016	1	1	0335	F3E	ASIAN	QG62an	WIA	VK4TJ
29400,0	8	2016	1	1	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
29412,5	8	2016	1	5	0555	F3E	ASIAN	QG62an	WIA	VK4TJ
29425,0	8	2016	1	1	0335	F3E	ASIAN	QG62an	WIA	VK4TJ
29437,5	8	2016	1	2	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
29450,0	8	2016	1	1	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
29462,5	8	2016	1	9	0700	F3E	ASIAN	QG62an	WIA	VK4TJ
29475,0	8	2016	1	1	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
29487,5	8	2016	1	3	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
29500,0	8	2016	1	1	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
29512,5	8	2016	1	2	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29515,0	6	2016	1	5	0550	A3E	ASIAN	QG62an	WIA	VK4TJ
29525,0	8	2016	1	1	0335	F3E	ASIAN	QG62an	WIA	VK4TJ
29537,5	8	2016	1	3	0325	F3E	ASIAN	QG62an	WIA	VK4TJ
29550,0	8	2016	1	2	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
29562,5	8	2016	1	11	0855	F3E	ASIAN	QG62an	WIA	VK4TJ
29575,0	8	2016	1	1	0335	F3E	ASIAN	QG62an	WIA	VK4TJ
29587,5	8	2016	1	2	0145	F3E	ASIAN	QG62an	WIA	VK4TJ
29600,0	8	2016	1	1	0450	F3E	ASIAN	QG62an	WIA	VK4TJ
29612,5	8	2016	1	2	0140	F3E	ASIAN	QG62an	WIA	VK4TJ
29625,0	8	2016	1	1	0335	F3E	ASIAN	QG62an	WIA	VK4TJ
29637,5	8	2016	1	1	0515	F3E	ASIAN	QG62an	WIA	VK4TJ
29650,0	8	2016	1	1	0455	F3E	ASIAN	QG62an	WIA	VK4TJ
29662,5	8	2016	1	1	0455	F3E	ASIAN	QG62an	WIA	VK4TJ