



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



April 2016

Titon Dutono, YB3PET

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

This month there were 7 observations from ARSI, 231 observations from JARL, 61 observations from NZART, and 461 observations from WIA. By this month sampling, there were total 760 observations of intruders made across the Region.

The most prominent intruders are J3E on 20m band from CLN, J3E on 40m band from INS, A1A on 40m band from RUS, A3E on 40m band from CHN, OTHR on 15m band from unknown origins, F3E on 10m and 12m bands from unknown Asian region. 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: 7 observations

KHz	BW KHz.	YYYY	MM	DD	UTC	EMM	ADM	ID	DESCRIPTION.	GRID	SOCIETY	EQUIPMENT	ANTENNA
21031.6		2016	04	03	<1040-1050>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14031		2016	04	03	<1240-1250>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14003		2016	04	07	<1200-1210>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14080		2016	04	07	<1200-1210>	J3E/U	UNID	UNID	ARABIC SPEAKING TWO OM.	MK82	ARSI	FT757GX	INV.VEE; VERT;
14068.4		2016	04	08	<2100-2110>	J3E/U	JPN	UNID	TWO OM SPEAKING JAPANESE	MK82	ARSI	FT757GX	INV.VEE; VERT;
14014		2016	04	10	<0230-0240>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
10105.5		2016	04	14	<0130-0145>	J3E/L	CHN	UNID	TWO OM SPEAKING CHINESE DIALECT	MK82	ARSI	FT757GX	INV.VEE; VERT;

JARL: 231 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7024	60	2016	04	07	1812	PXX			non	non	non	unkown 6994KHz-7054 KHz wide pulse mode PXX OTHR ?	PM 97	JARL
7039	0.5	2016	04	01	1126	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	01	1210	A1A			15	CHN	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	01	1620	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	01	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	03	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	03	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	04	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	04	1612	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	04	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	05	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	05	1212	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	05	1610	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	05	1614	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	05	1830	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	05	1834	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	06	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	06	1606	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	06	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	07	1124	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	07	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	07	1620	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	07	1808	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	08	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	08	1608	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	08	1814	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	09	1620	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	09	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	10	1602	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	10	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	11	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	11	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL

7039	0.5	2016	04	12	1130	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	12	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	12	1604	A1A			15	RUS	non	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	12	1830	A1A			15	RUS	non	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	13	1128	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	13	1130	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	13	1210	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	13	1212	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	13	1610	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	13	1830	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	04	15	1212	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	16	1130	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	16	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	17	1604	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	17	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	18	1212	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	18	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	18	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	19	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	19	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	19	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	20	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	21	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	21	1810	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	22	1640	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	22	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	23	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	23	1608	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	23	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	24	1104	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	24	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	24	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	24	1840	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	25	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	25	1614	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	25	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	26	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	27	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	27	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	27	1832	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	28	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	28	1620	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	28	1840	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	29	1132	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	29	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	29	1612	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	29	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	30	1130	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	30	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	04	30	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2016	04	30	1840	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7040	0.5	2016	04	04	1214	PXX			non	non	non	unkown doto only	PM 97	JARL
7053	34	2016	04	12	1132	PXX			non	non	non	unkown 7036KHz-7070KHz wide pulse mode PXX OTHR ?	PM 97	JARL
7053	34	2016	04	12	1214	PXX			non	non	non	unkown 7036KHz-7070KHz wide pulse mode PXX OTHR ?	PM 97	JARL
7053	34	2016	04	12	1608	PXX			non	non	non	unkown 7036KHz-7070KHz wide pulse mode PXX OTHR ?	PM 97	JARL
7054	34	2016	04	12	1834	PXX			non	non	non	unkown 7036KHz-7070KHz wide pulse mode PXX OTHR ?	PM 97	JARL
7058	36	2016	04	24	1850	PXX			non	RUS	non	unkown 7040KHz-7076KHz wide mode PXX OTHR ?	PM 97	JARL
7135	3	2016	04	22	1130	F1B			non	non	non	now on air	PM 97	JARL
7135	3	2016	04	22	1206	F1B			non	non	non	now on air	PM 97	JARL
7200	5	2016	04	01	1120	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	04	01	1122	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+0 2 sec late	PM 97	JARL
7200	5	2016	04	01	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	01	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	02	1126	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	04	02	1128	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	02	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	02	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+0 2 sec late	PM 97	JARL
7200	5	2016	04	02	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	02	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+0 2 sec late	PM 97	JARL
7200	5	2016	04	03	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	03	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	04	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	04	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	04	04	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	04	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	05	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	05	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+0	PM 97	JARL
7200	5	2016	04	05	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	05	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	06	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	06	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	07	1118	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	04	07	1120	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	04	07	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	5	2016	04	07	1200	A3E			non	CHN	non	Chainese talk and music Time signal 4+0 2 sec late	PM 97	JARL
7200	4	2016	04	07	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	07	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	08	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	04	08	1204	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	04	09	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	09	1200	A3E			non	CHN	non	Chainese talk and music Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	09	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL

7200	3	2016	04	09	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	10	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	10	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	10	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	10	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	11	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	11	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	11	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	11	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	12	1126	A3E			non	non	non	Chinese talk and music		PM 97	JARL
7200	4	2016	04	12	1128	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	12	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	12	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	12	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	12	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	13	1122	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	4	2016	04	13	1124	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	13	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	13	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	13	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	13	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	14	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	14	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 4+0 2 sec late	PM 97	JARL
7200	5	2016	04	14	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	14	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	15	1120	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	4	2016	04	15	1122	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	15	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	15	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	15	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	15	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	16	1122	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	4	2016	04	16	1124	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	16	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	16	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	16	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	16	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	18	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	18	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	18	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	18	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	19	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	04	19	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	19	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	19	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	20	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	20	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	20	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	04	20	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	04	21	1200	A3E			non	CHN	non	Chinese talk and music	Time signal 5+1	PM 97	JARL

7200	4	2016	04	21	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	21	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	21	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	22	1126	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	04	22	1128	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	22	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	22	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	22	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	22	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	23	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	04	23	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	23	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	23	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	24	1000	A3E			non	CHN	non	Chainese talk and music	no Time signal	PM 97	JARL
7200	5	2016	04	24	1010	A3E			non	CHN	non	Chainese talk and music	pro late start ?	PM 97	JARL
7200	5	2016	04	24	1100	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	04	24	1100	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	24	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	24	1200	A3E			non	CHN	non	Chanese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	24	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	24	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	25	1200	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	04	25	1200	A3E			non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	5	2016	04	25	1202	A3E			non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	3	2016	04	25	1204	A3E			non	CHN	non	Chainese talk and music	no time signal	PM 97	JARL
7200	5	2016	04	26	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	26	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	5	2016	04	26	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	26	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	27	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	27	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	27	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	27	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	28	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	28	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	28	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	28	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	29	1126	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	04	29	1128	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	29	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	04	29	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	29	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	29	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	04	30	1124	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	30	1126	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	04	30	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	04	30	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	04	30	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	04	30	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL

NZART: 61 observations

kHz	BW	YYYY	MON	DD	GMT	UTC	Emm	Bd	Sft	HDG	ADM	ID	Description	Grid	Society
7030	60	2016	04	13	<1925>	1925	PXX				?	Unid	OTHR Continuous	RF72LQ	ZL1BAD
7038.7		2016	04	DY	<0300>	0300-2200	A1A				RUS	D	CW Beacon 'D' – Sevastopol "RCV"	RF72LQ	ZL1BAD
7038.8		2016	04	DY	<0300>	0300-2200	A1A				RUS	P	CW Beacon 'P' – Kalingrad "RMP"	RF72LQ	ZL1BAD
7038.9		2016	04	DY	<0300>	0300-2200	A1A				RUS	S	CW Beacon 'S' - Severomorsk "RIT"	RF72LQ	ZL1BAD
7039.2		2016	04	DY	<0300>	0300-2200	A1A				RUS	F	CW Beacon 'F' – Vladivostok "RJS"	RF72LQ	ZL1BAD
7039.4		2016	04	DY	<0300>	0300-2200	A1A				RUS	M	CW Beacon 'M' – Magadan "RTS"	RF72LQ	ZL1BAD
7050	40	2016	04	9	<2030>	2030	PXX				?	Unid	OTHR Continuous	RF72LQ	ZL1BAD
14069		2016	04	24	<0725>	0725	G7DF			330	?	Unid	HF Man Pack 8-PSK S5	RF73MF	ZL1GWE
14160		2016	04	24	<0650>	0650-0724	F1B	75	255	330	?	Unid	RTTY NATO? S4 75 baud 255 Hz Shift continuous	RF73MF	ZL1GWE
14300	10	2016	04	24	<0252>	0252	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
14300		2016	04	25	<0634>	0634	G7D				CHN	Unid	Chinese BPSK 16 tones and idling S3	RF73MF	ZL1GWE
18122	10	2016	04	09	<2308>	2308	PXX				?	Unid	OTHR every 1 minute.	RF72LQ	ZL1BAD
18168	3	2016	04	09	<2308>	2308	PXX				?	Unid	OTHR every 1 minute (BAND EDGE)	RF72LQ	ZL1BAD
21000		2016	04	25	<0444>	0444	N0N			330	RUS	Unid	Suspected Vocoder Carrier S3 no LSB signals heard	RF73MF	ZL1GWE
21074		2016	04	17	<0456>	0456	G7DF				?	Unid	HF Man Pack 8-PSK S3	RF73MF	ZL1GWE
21092		2016	04	25	<0509>	0509	A1A			330	?	Unid	High Speed CW station S3 50 to 62 WPM suspected military	RF73MF	ZL1GWE
21111		2016	04	24	<0637>	0647-0644	F1B	50	200	330	RUS	Unid	RTTY Military Russian Encrypted 50 bauds 200 Hz shift S4	RF73MF	ZL1GWE
21111		2016	04	25	<0450>	0450	F1B	50	200	330	RUS	Unid	RTTY Military Russian CIS-50-50 encrypted S3 idle and messages	RF73MF	ZL1GWE
21112		2016	04	17	<0510>	0510-0607	F1B	50	200	330	RUS	Unid	RTTY Military Russian Encrypted 50 bauds 200 Hz shift S4	RF73MF	ZL1GWE
21154	10	2016	04	11	<2310>	2310	PXX				?	Unid	OTHR 2 EVERY 25 SECS	RF72LQ	ZL1BAD
21176.5	165	2016	04	18	<0203>	0203	PXX			330	?	Unid	OTHR HFSWR S4 52 seconds long burst 20 pps	RF73MF	ZL1GWE
21195	10	2026	04	09	<0152>	0152	PXX					Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21198	10	2016	04	11	<2310>	2310	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21200	10	2016	04	14	<0218>	0218	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21208	6	2016	04	18	<0451>	0451	PXX			315	?	Unid	OTHR 9 pps S2 18 second burst with a centre pip	RF73MF	ZL1GWE
21215	10	2016	04	02	<2330>	2330	PXX				?	Unid	OTHR 3 BURSTS EVERY 30 SECS.	RF72LQ	ZL1BAD
21215	10	2016	04	09	<2305>	2305	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21233		2016	04	17	<0450>	0450	G7DF				?	Unid	HF Man Pack 8-PSK S4	RF73MF	ZL1GWE
21225	10	2016	04	04	<2055>	2055	PXX				?	Unid	OTHR EVERY 1 MIN.	RF72LQ	ZL1BAD
21225	10	2016	04	06	<0410>	0410	PXX				?	Unid	OTHR 2 BURTS EVERY 15 SECS.	RF72LQ	ZL1BAD
21235	10	2016	04	08	<0020>	0020	PXX				?	Unid	OTHR 2 BURST EVERY 30 SECS	RF72LQ	ZL1BAD

21250	10	2016	04	13	<2100>	2100	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21250	10	2016	04	24	<0220>	0220	PXX				?	Unid	OTHR EVERY 1 MIN. FOR 5 SECS.	RF72LQ	ZL1BAD
21251	20	2016	04	11	<0425>	0425	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21255	10	2016	04	03	<0125>	0125	PXX				?	Unid	OTHR every 50 secs	RF72LQ	ZL1BAD
21288	10	2016	04	10	<0535>	0535	PXX				?	Unid	every 1 min.	RF72LQ	ZL1BAD
21327	10	2016	04	05	<0618>	0618	PXX				?	Unid	double burst every 1 Min.	RF72LQ	ZL1BAD
21370	20	2016	04	08	<0205>	0205	PXX				?	Unid	every 1 min.	RF72LQ	ZL1BAD
21255	10	2016	04	14	<0200>	0200	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21262	30	2016	04	11	<0420>	0420	PXX				?	Unid	OTHR CONTINUOUS 11 PPS	RF72LQ	ZL1BAD
21271	10	2016	04	02	<2345>	2345	PXX				?	Unid	OTHR EVERY 30 SECS.	RF72LQ	ZL1BAD
21275	10	2016	04	07	<0153>	0153	PXX				?	Unid	OTHR 1 ONLY FOR 3 SECS.	RF72LQ	ZL1BAD
21283	10	2016	04	24	<0632>	0632	PXX				?	Unid	OTHR S8 67 pps 3.9 second bursts	RF73MF	ZL1GWE
21285	10	2016	04	04	<2054>	2054	PXX				?	Unid	OTHR EVERY 1 MIN.	RF72LQ	ZL1BAD
21287	10	2016	04	23	<2245>	2245	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21288	10	2016	04	11	<2305>	2305	PXX				?	Unid	OTHR 3 BURSTS EVERY 30 SECS.	RF72LQ	ZL1BAD
21283	10	2015	04	23	<0632>	0632	PXX			330	?	Unid	OTHR S8 67 pps 3.9 second bursts	Rf73MF	ZL1GWE
21285.5	9	2016	04	18	<0501>	0501	PXX			315	?	Unid	OTHR 41 pps 1.6 seconds burst, 22 seconds gap S4	RF73MF	ZL1GWE
21228	10	2016	04	03	<0210>	0210	PXX				?	Unid	OTHR EVERY 1 MIN. FOR 20 SECS.	RF72LQ	ZL1BAD
21228	10	2016	04	07	<0153>	0153	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21275		2016	04	24	<0725>	0725	G7DF			330	?	Unid	HF Man Pack 8-PSK S2	RF73MF	ZL1GWE
21286.5	25	2016	04	17	<2359>	2359	PXX			315	?	Unid	OTHR 41 pps 1.7 second bursts 26 second delay S5 315 degrees	RF73MF	ZL1GWE
21293		2016	04	17	<0450>	0450-0454	PXX				?	Unid	OTHR 47 pps 1.6 second bursts 20 second delay S5 330 degrees	RF73MF	ZL1GWE
21294.5	9	2015	04	18	<0501>	0501-0535	PXX			330	?	Unid	OTHR S4 22 3.4 second bursts, 22 second gap 34 pps/41 pps	RF73MF	ZL1GWE
21322	10	2016	04	13	<2100>	2100	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21334	160	2016	04	18	<0213>	0213-0215	PXX			330	?	Unid	OTHR HFSWR S2 51 seconds long burst 12 pps	RF73MF	ZL1GWE
21325	10	2016	04	23	<2245>	2245	PXX				?	Unid	OTHR every 1 min,	RF72LQ	ZL1BAD
21347	20	2016	04	11	<0426>	0426	PXX				?	Unid	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD
21367		2016	04	17	<0604>	0604	N0N			315	?	Unid	N0N Carrier continuous key down with variations	RF73MF	ZL1GWE
21382.5	9	2016	04	30	<0633>	0633-0636	PXX			330	?	Unid	OTHR S4 39 pps 26 second bursts	RF73MF	ZL1GWE
21383	10	2016	04	11	<2305>	2305	PXX				?	Unid	OTHR EVERY 1 MIN.	RF72LQ	ZL1BAD

WIA: 461 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500,0		2016	4	5	1905		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3503,0	1	2016	4	1	1925		A2A						BURSTS	QG62an	WIA	VK4TJ
3505,0	1	2016	4	24	1945		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3510,0	2	2016	4	24	1940		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3518,0	3	2016	4	23	1810		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3527,0	5	2016	4	14	2000		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3532,5		2016	4	20	1945		A1A					V	BEACON	QG62an	WIA	VK4TJ
3540,0	60	2016	4	1	1925		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
3548,0	1	2016	4	27	1945		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3550,0	3	2016	4	19	2050		G7D						BURSTS, ALTERNATES WITH TONE	QG62an	WIA	VK4TJ
3554,0	5	2016	4	14	2000		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3557,0	1	2016	4	14	2000		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3559,0	1	2016	4	14	2000		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3560,0		2016	4	5	1905		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3574,0	3	2016	4	30	1950		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ
3575,0	3	2016	4	1	1930		J1C						FAX	QG62an	WIA	VK4TJ
3585,0	3	2016	4	1	1930		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ
3592,0	3	2016	4	21	1940		F1B						PLUS G1D, RHYTHMIC	QG62an	WIA	VK4TJ
3598,0	3	2016	4	1	1930		J1C						WEATHER FAX	QG62an	WIA	VK4TJ
3608,0	3	2016	4	20	1945		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
3622,5	3	2016	4	1	1930		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3633,0	5	2016	4	1	1930		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3642,0		2016	4	1	1930		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3649,0	5	2016	4	14	2005		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
3650,0	100	2016	4	20	1945		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3655,0	2	2016	4	24	1950		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3670,0	5	2016	4	21	1945		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
3690,0	3	2016	4	23	1940		J3E/U				RUS		RUSSIAN	QG62an	WIA	VK4TJ
3697,0		2016	4	21	1945		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3700,0	40	2016	4	14	0915		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3778,0	5	2016	4	30	1955		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
3780,0		2016	4	10	1945		A1A					HUU4	CALL SIGN REPEATED	QG62an	WIA	VK4TJ
3782,0	5	2016	4	1	1935		G1D						BURSTS	QG62an	WIA	VK4TJ
3787,0	1	2016	4	10	1950		F1B						IDLING, ID IN A1A	QG62an	WIA	VK4TJ
3788,8	3	2016	4	22	0955		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
3791,0	3	2016	4	27	2000		J3E/U						SOUNDS ITALIAN	QG62an	WIA	VK4TJ
3791,0		2016	4	27	2000		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3791,0	1	2016	4	20	1950		F1B						IDLING	QG62an	WIA	VK4TJ

3791,5		2016	4	5	1900		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3792,0	1	2016	4	17	1940		F1B							QG62an	WIA	VK4TJ
3797,0		2016	4	17	1940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3798,0	5	2016	4	27	1950		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3800,0		2016	4	5	1900		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3800,0	100	2016	4	1	1925		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6950,0	150	2016	4	1	1935		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000,0	3	2016	4	2	0805		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7000,0	3	2016	4	20	0825		J3E/U						ASIAN MUSIC	QG62an	WIA	VK4TJ
7005,0	3	2016	4	2	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2016	4	2	0825		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7009,0	1	2016	4	22	0945		F1B						BURSTS	QG62an	WIA	VK4TJ
7009,5	3	2016	4	12	0915		J3E/L						ASIAN	QG62an	WIA	VK4TJ
7010,0	3	2016	4	2	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2016	4	3	1020		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7012,0	5	2016	4	10	1950		G7D						FOLLOWED BY J3E/L IN CHINESE	QG62an	WIA	VK4TJ
7015,0	3	2016	4	2	0805		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2016	4	4	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7016,0	1	2016	4	21	1955		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7020,0	3	2016	4	2	0830		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	3	2016	4	4	0930		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	1	2016	4	27	2005		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7021,0	5	2016	4	4	0930		G1D						WITH SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
7025,0	3	2016	4	2	0835		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2016	4	2	0805		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7026,0	1	2016	4	20	0900		F1B		200				CONTINUOUS	QG62an	WIA	VK4TJ
7030,0	3	2016	4	4	0930		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	3	2016	4	2	0710		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,0	3	2016	4	2	0830		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035,0	3	2016	4	4	1025		J3E/U				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7039,3		2016	4	5	0850		A1A				RUS	K	DAILY, BEACON	QG62an	WIA	VK4TJ
7039,4	1	2016	4	1	1935		A2A				RUS	M	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7040,0	3	2016	4	2	0920		J3E/U				INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7051,0	1	2016	4	16	2110		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7052,0		2016	4	28	0855		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
7059,0	1	2016	4	10	1950		F1B						IDLING	QG62an	WIA	VK4TJ
7063,0	5	2016	4	10	1950		G7D						8 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
7070,7	3	2016	4	25	2005		J3E/U						SOUNDS CHINESE	QG62an	WIA	VK4TJ
7072,0		2016	4	19	0940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7076,0	1	2016	4	19	2055		F1B						IDLING	QG62an	WIA	VK4TJ
7085,6	3	2016	4	10	1950		J3E/U						SOUNDS CHINESE	QG62an	WIA	VK4TJ
7090,0	3	2016	4	19	0935		J3E/U						SOUNDS BAHASA	QG62an	WIA	VK4TJ
7091,6		2016	4	10	1950		A1A				RUS	V	HARBOUR BEACON	QG62an	WIA	VK4TJ
7100,0	3	2016	4	4	1005		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ

7100,0	3	2016	4	4	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7105,0	1	2016	4	1	1935		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7110,0		2016	4	12	0915		N0N						DAILY	QG62an	WIA	VK4TJ
7111,0	1	2016	4	19	2055		F1B						BURSTS	QG62an	WIA	VK4TJ
7111,2	3	2016	4	21	0825		J3E/U						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
7114,0	1	2016	4	1	1935		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7120,0	8	2016	4	5	1855		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7134,0	1	2016	4	5	1910		F1B							QG62an	WIA	VK4TJ
7140,0	5	2016	4	1	1940		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7144,0	1	2016	4	10	1955		F1B						BURSTS	QG62an	WIA	VK4TJ
7171,9	3	2016	4	29	0855		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7176,0	5	2016	4	14	0900		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
7176,0	1	2016	4	24	2005		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7180,0	3	2016	4	27	0940		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7180,0	40	2016	4	5	1910		VXX						DAILY, CODAR	QG62an	WIA	VK4TJ
7183,0	5	2016	4	29	0900		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7191,8	3	2016	4	29	0900		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7193,4	3	2016	4	1	2115		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7196,0	5	2016	4	21	0955		G1D						SWEEPING SUBCARRIER	QG62an	WIA	VK4TJ
7200,0	8	2016	4	6	1015		A3E						DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
7200,0	3	2016	4	6	1015		J3E/U						SPANISH SPEAKERS, WITH PIP TONE	QG62an	WIA	VK4TJ
7202,0		2016	4	13	0940		A1A						LETTER CIPHER	QG62an	WIA	VK4TJ
10100,0	8	2016	4	11	0920		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ
10100,0	2	2016	4	12	0915		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10130,0	20	2016	4	19	2345		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
10140,0	20	2016	4	4	2125		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14000,2	3	2016	4	25	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14004,0	5	2016	4	11	0845		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14005,0	3	2016	4	4	2305		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14008,0	1	2016	4	13	0830		F1B		250				DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14012,4	3	2016	4	29	0930		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14014,0	3	2016	4	12	2200		J3E/U						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14024,0	3	2016	4	27	0835		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14025,0	2	2016	4	27	2215		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14035,0	2	2016	4	27	2300		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14040,0	3	2016	4	27	2305		J3E/L						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14040,1	3	2016	4	3	2235		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14041,1	3	2016	4	4	0950		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14042,5	3	2016	4	15	0605		J3E/L						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14045,0	160	2016	4	24	2345		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14048,0	3	2016	4	2	2200		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14048,5	3	2016	4	11	2130		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14050,0	3	2016	4	27	0835		J3E/U						AMERICAN-ACCENTED ENGLISH BROADCAST	QG62an	WIA	VK4TJ
14050,0	3	2016	4	19	2125		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ

14050,5	3	2016	4	4	2305		J3E/L						DAILY, ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14050,5	3	2016	4	12	2315		J3E/U						DAILY, ASIAN FAMILY NET	QG62an	WIA	VK4TJ
14055,1	3	2016	4	19	2105		J3E/L						ASIAN, TAGALOG OR BAHASA	QG62an	WIA	VK4TJ
14061,0	3	2016	4	18	2220		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14065,0	2	2016	4	27	2130		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14080,0	160	2016	4	29	0655		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14088,8	3	2016	4	27	0905		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14100,0	160	2016	4	20	2215		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14101,1	3	2016	4	11	2005		J3E/U						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ
14104,1	3	2016	4	2	2325		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14110,0	1	2016	4	1	1015		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14114,0	3	2016	4	13	0915		J3E/L						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
14114,0	3	2016	4	16	2115		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14115,0	160	2016	4	22	2220		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14116,6	3	2016	4	13	0920		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14119,0	1	2016	4	2	0755		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14120,0	20	2016	4	27	0905		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14123,0	3	2016	4	12	0900		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14125,0	160	2016	4	22	0005		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14134,7	3	2016	4	16	0910		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14141,5	3	2016	4	18	2225		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14142,0	3	2016	4	27	0905		J3E/U						AFRICAN LANGUAGE	QG62an	WIA	VK4TJ
14154,0	2	2016	4	13	0925		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14160,0	1	2016	4	24	0710		F1B	75	250				CONTINUOUS	QG62an	WIA	VK4TJ
14161,0	1	2016	4	18	2230		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14166,0	3	2016	4	11	0910		F1B						BURSTS	QG62an	WIA	VK4TJ
14175,0	10	2016	4	3	0755		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14189,8	3	2016	4	13	0925		J3E/L						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14214,0		2016	4	20	0815		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14219,0	1	2016	4	19	0855		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14221,0	1	2016	4	12	2205		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14225,7	3	2016	4	12	0905		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14238,0	1	2016	4	13	0930		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14241,0	5	2016	4	5	1025		G7D				RUS		12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14250,0	20	2016	4	27	0915		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14255,0	10	2016	4	22	0900		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14260,0	20	2016	4	21	0815		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14265,0	20	2016	4	21	0000		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14288,0	1	2016	4	12	0905		F1B						BURSTS	QG62an	WIA	VK4TJ
14301,5	5	2016	4	1	2310		G7D						DAILY	QG62an	WIA	VK4TJ
14304,0	1	2016	4	4	0955		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14311,4	3	2016	4	15	2125		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14320,8	3	2016	4	12	0910		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14323,3	3	2016	4	12	0910		J3E/L						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14325,0	10	2016	4	19	2340		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14328,4	3	2016	4	13	0930		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14330,0	10	2016	4	26	0000		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14330,0	2	2016	4	15	0440		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14333,3	3	2016	4	4	0955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14338,0		2016	4	10	2115		N0N						PROBABLY RELATED TO G7D BELOW	QG62an	WIA	VK4TJ
14338,3	3	2016	4	12	0910		J3E/U						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14339,0	5	2016	4	1	1020		G7D						12 SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
14340,0	2	2016	4	15	0425		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14340,0	10	2016	4	12	2210		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14342,7	3	2016	4	27	0910		J3E/U						ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
14350,0	2	2016	4	15	0420		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14350,0	8	2016	4	2	0805		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
18065,0	20	2016	4	11	0840		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18068,0	3	2016	4	1	0955		J3E/U						ASIAN, SOUNDS CHINESE. FISHBOATS	QG62an	WIA	VK4TJ
18070,0	10	2016	4	28	0825		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18091,0	3	2016	4	13	0910		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18105,0	1	2016	4	12	0000		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
18105,0	10	2016	4	12	0000		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18110,2	3	2016	4	23	0025		J3E/U						ASIAN, SOUNDS CHINESE. FISHBOATS	QG62an	WIA	VK4TJ
18111,0	1	2016	4	29	0125		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
18125,0	10	2016	4	2	0745		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18200,0	170	2016	4	21	0005		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
20850,0	170	2016	4	22	0440		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21000,0		2016	4	11	0810		N0N							QG62an	WIA	VK4TJ
21005,0	2	2016	4	20	0105		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21089,0	3	2016	4	27	0010		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21090,0	2	2016	4	27	0000		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21105,0	15	2016	4	12	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21105,2	3	2016	4	30	2315		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21113,0	1	2016	4	1	0945		F1B	50	200		RUS	REA4	DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
21121,5	3	2016	4	21	0140		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21131,0	5	2016	4	12	0420		G1D						PLUS FSK	QG62an	WIA	VK4TJ
21136,1	3	2016	4	14	2210		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21165,0	10	2016	4	3	0745		P0N						BURSTS	QG62an	WIA	VK4TJ
21170,0	10	2016	4	4	0645		P0N						BURSTS	QG62an	WIA	VK4TJ
21175,0	20	2016	4	11	0405		P0N						OTHR, WITH BEEP TONE	QG62an	WIA	VK4TJ
21175,0	170	2016	4	18	0210		P0N						BURSTS	QG62an	WIA	VK4TJ
21175,0	10	2016	4	3	0745		P0N						BURSTS	QG62an	WIA	VK4TJ
21185,0	2	2016	4	2	0730		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21200,0	1	2016	4	12	0850		F1B						BURSTS	QG62an	WIA	VK4TJ
21205,0	15	2016	4	3	0335		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21205,0	10	2016	4	18	0125		P0N						OTHR	QG62an	WIA	VK4TJ
21210,0	10	2016	4	4	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21210,0	20	2016	4	1	0950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21210,0	15	2016	4	28	0150		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21215,0	10	2016	4	18	0140		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21215,0	15	2016	4	11	0830		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21225,0	2	2016	4	4	0430		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21245,0	20	2016	4	12	0040		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21248,0	1	2016	4	18	0050		F1B		600				IDLING	QG62an	WIA	VK4TJ
21255,0	10	2016	4	18	0115		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21265,0	10	2016	4	25	0840		P0N						OTHR, BURSTS, TRYING DIFFERENT RATES	QG62an	WIA	VK4TJ
21275,0	10	2016	4	18	0210		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21290,0	5	2016	4	23	0000		G1D						SHORT BURSTS	QG62an	WIA	VK4TJ
21290,0	10	2016	4	1	0330		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21290,0	10	2016	4	18	2245		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	4	20	0055		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21295,0	10	2016	4	18	0240		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21300,0	160	2016	4	18	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21305,0	20	2016	4	12	0845		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21319,0	1	2016	4	19	0710		F1B	HIGH	600				BURSTS	QG62an	WIA	VK4TJ
21320,0	10	2016	4	14	0850		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21335,0	170	2016	4	18	0215		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21340,0	20	2016	4	12	0700		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21364,5	3	2016	4	17	0735		J3E/L						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
21384,6	3	2016	4	15	2325		J3E/U						ASIAN	QG62an	WIA	VK4TJ
21390,0	20	2016	4	11	0835		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21395,0	3	2016	4	12	0715		J3E/L						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21402,2	3	2016	4	1	0140		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
21403,0	5	2016	4	18	0105		G7D						8 PAIRS OF SUBCARRIERS ON 200 HZ INTERVALS	QG62an	WIA	VK4TJ
21425,0	170	2016	4	18	0200		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21425,0	20	2016	4	11	0030		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21443,6	3	2016	4	6	0710		J3E/L						ASIAN, SOME MUSIC	QG62an	WIA	VK4TJ
21450,0	20	2016	4	2	0740		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21470,0	80	2016	4	3	0330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
24902,0	5	2016	4	4	0655		G7D						INFREQUENT BURSTS	QG62an	WIA	VK4TJ
24912,5	8	2016	4	1	0915		F3E						ASIAN	QG62an	WIA	VK4TJ
24915,0	6	2016	4	1	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
24928,0	1	2016	4	20	0000		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
24935,0	6	2016	4	1	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
24937,5	8	2016	4	17	0805		F3E						ASIAN	QG62an	WIA	VK4TJ
24950,0	8	2016	4	23	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
24955,0	6	2016	4	1	0850		A3E						ASIAN	QG62an	WIA	VK4TJ
24965,0	6	2016	4	1	0845		A3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	8	2016	4	23	0020		F3E						ASIAN	QG62an	WIA	VK4TJ
24985,0	6	2016	4	23	0005		A3E						ASIAN	QG62an	WIA	VK4TJ
24987,5	8	2016	4	1	0840		F3E						ASIAN	QG62an	WIA	VK4TJ
28000,0	6	2016	4	2	0520		A3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2016	4	1	0225		A3E						ASIAN	QG62an	WIA	VK4TJ

28012,5	8	2016	4	4	0250		F3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2016	4	1	0225		A3E						ASIAN	QG62an	WIA	VK4TJ
28025,0	8	2016	4	2	0235		F3E						ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2016	4	1	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28037,5	8	2016	4	30	0125		F3E						ASIAN	QG62an	WIA	VK4TJ
28045,0	6	2016	4	2	0240		A3E						ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2016	4	6	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28055,0	6	2016	4	2	0240		A3E						ASIAN	QG62an	WIA	VK4TJ
28062,5	8	2016	4	12	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2016	4	2	0240		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	6	2016	4	1	0515		A3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2016	4	2	0535		A3E						ASIAN	QG62an	WIA	VK4TJ
28087,5	8	2016	4	12	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28100,0	8	2016	4	2	0240		F3E						ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2016	4	1	0520		A3E						ASIAN	QG62an	WIA	VK4TJ
28112,5	8	2016	4	2	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2016	4	2	0240		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	8	2016	4	1	0145		F3E						ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2016	4	5	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
28137,5	8	2016	4	2	0545		F3E						ASIAN	QG62an	WIA	VK4TJ
28141,0	6	2016	4	5	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
28145,0	6	2016	4	3	0515		A3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2016	4	1	0515		F3E						ASIAN	QG62an	WIA	VK4TJ
28155,0	6	2016	4	5	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
28162,5	8	2016	4	23	0155		F3E						ASIAN	QG62an	WIA	VK4TJ
28165,0	6	2016	4	1	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28165,0	2	2016	4	12	0115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28175,0	8	2016	4	1	0145		F3E						ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2016	4	1	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28187,5	8	2016	4	12	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
28195,0	6	2016	4	3	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28200,0	8	2016	4	2	0555		F3E						ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2016	4	1	0520		A3E						ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2016	4	14	0615		F3E						ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2016	4	2	0240		A3E						ASIAN	QG62an	WIA	VK4TJ
28220,0	2	2016	4	2	0240		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28225,0	8	2016	4	2	0245		F3E						ASIAN	QG62an	WIA	VK4TJ
28235,0	6	2016	4	1	0520		A3E						ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2016	4	13	0320		F3E						ASIAN	QG62an	WIA	VK4TJ
28245,0	6	2016	4	2	0245		A3E						ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2016	4	6	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2016	4	5	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
28260,4		2016	4	14	2340		A1A					3RTNG	DRIFTNET BEACON	QG62an	WIA	VK4TJ
28262,5	8	2016	4	12	0145		F3E						ASIAN	QG62an	WIA	VK4TJ
28265,0	6	2016	4	1	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2016	4	1	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2016	4	1	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28287,5	8	2016	4	23	0155		F3E						ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2016	4	2	0245		A3E						ASIAN	QG62an	WIA	VK4TJ
28300,0	6	2016	4	1	0150		A3E						ASIAN	QG62an	WIA	VK4TJ

28305,0	6	2016	4	1	0520		A3E						ASIAN	QG62an	WIA	VK4TJ
28312,5	8	2016	4	6	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
28315,0	6	2016	4	1	0520		A3E						ASIAN	QG62an	WIA	VK4TJ
28325,0	8	2016	4	1	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28335,0	6	2016	4	1	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28350,0	8	2016	4	1	0525		F3E						ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2016	4	3	0715		A3E						ASIAN	QG62an	WIA	VK4TJ
28362,5	8	2016	4	29	0325		F3E						ASIAN	QG62an	WIA	VK4TJ
28365,0	6	2016	4	1	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28375,0	8	2016	4	2	0245		F3E						ASIAN	QG62an	WIA	VK4TJ
28385,0	6	2016	4	3	0715		A3E						ASIAN	QG62an	WIA	VK4TJ
28387,5	8	2016	4	3	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
28400,0	8	2016	4	4	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
28405,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28412,5	8	2016	4	3	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
28415,0	6	2016	4	1	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2016	4	1	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2016	4	3	0505		A3E						ASIAN	QG62an	WIA	VK4TJ
28437,5	8	2016	4	4	0710		F3E						ASIAN	QG62an	WIA	VK4TJ
28440,0	6	2016	4	12	0220		A3E						ASIAN	QG62an	WIA	VK4TJ
28445,0	6	2016	4	1	0150		A3E						ASIAN	QG62an	WIA	VK4TJ
28450,0	8	2016	4	4	0715		F3E						ASIAN	QG62an	WIA	VK4TJ
28455,0	6	2016	4	2	0245		A3E						ASIAN	QG62an	WIA	VK4TJ
28462,5	8	2016	4	1	0525		F3E						ASIAN	QG62an	WIA	VK4TJ
28465,0	6	2016	4	5	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
28475,0	8	2016	4	4	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
28485,0	6	2016	4	1	0845		A3E						ASIAN	QG62an	WIA	VK4TJ
28487,5	8	2016	4	12	0725		F3E						ASIAN	QG62an	WIA	VK4TJ
28500,0	8	2016	4	12	0230		F3E						ASIAN	QG62an	WIA	VK4TJ
28505,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28515,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28525,0	6	2016	4	4	0740		A3E						ASIAN	QG62an	WIA	VK4TJ
28530,0	6	2016	4	6	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28535,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28537,5	8	2016	4	4	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
28550,0	6	2016	4	12	0730		A3E						ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28565,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28575,0	8	2016	4	1	0525		F3E						ASIAN	QG62an	WIA	VK4TJ
28585,0	6	2016	4	2	0250		A3E						ASIAN	QG62an	WIA	VK4TJ
28587,5	8	2016	4	12	0730		F3E						ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2016	4	2	0250		A3E						ASIAN	QG62an	WIA	VK4TJ
28600,0	8	2016	4	1	0305		F3E						ASIAN	QG62an	WIA	VK4TJ
28605,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28612,5	8	2016	4	13	0355		F3E						ASIAN	QG62an	WIA	VK4TJ
28615,0	6	2016	4	1	0525		A3E						ASIAN	QG62an	WIA	VK4TJ
28625,0	8	2016	4	1	0525		F3E						ASIAN	QG62an	WIA	VK4TJ
28635,0	6	2016	4	5	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28645,0	6	2016	4	1	0530		A3E						ASIAN	QG62an	WIA	VK4TJ
28650,0	8	2016	4	3	0505		F3E						ASIAN	QG62an	WIA	VK4TJ

28655,0	6	2016	4	2	0300		A3E						ASIAN	QG62an	WIA	VK4TJ
28665,0	6	2016	4	5	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
28675,0	6	2016	4	2	0300		A3E						ASIAN	QG62an	WIA	VK4TJ
28685,0	6	2016	4	1	0530		A3E						ASIAN	QG62an	WIA	VK4TJ
28687,5	8	2016	4	12	0735		F3E						ASIAN	QG62an	WIA	VK4TJ
28695,0	6	2016	4	2	0300		A3E						ASIAN	QG62an	WIA	VK4TJ
28700,0	8	2016	4	5	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
28705,0	6	2016	4	1	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28712,5	8	2016	4	2	0300		F3E						ASIAN	QG62an	WIA	VK4TJ
28715,0	6	2016	4	1	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28725,0	8	2016	4	1	0155		F3E						ASIAN	QG62an	WIA	VK4TJ
28735,0	6	2016	4	1	0530		A3E						ASIAN	QG62an	WIA	VK4TJ
28745,0	6	2016	4	1	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28750,0	8	2016	4	3	0400		F3E						ASIAN	QG62an	WIA	VK4TJ
28755,0	6	2016	4	1	0155		A3E						ASIAN	QG62an	WIA	VK4TJ
28762,5	8	2016	4	6	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
28765,0	6	2016	4	6	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28775,0	8	2016	4	1	0530		F3E						ASIAN	QG62an	WIA	VK4TJ
28780,0	6	2016	4	3	0500		A3E						ASIAN	QG62an	WIA	VK4TJ
28787,5	8	2016	4	3	0400		F3E						ASIAN	QG62an	WIA	VK4TJ
28800,0	8	2016	4	3	0400		F3E						ASIAN	QG62an	WIA	VK4TJ
28805,0	6	2016	4	3	0455		A3E						ASIAN	QG62an	WIA	VK4TJ
28812,5	8	2016	4	3	0400		F3E						ASIAN	QG62an	WIA	VK4TJ
28815,0	6	2016	4	6	0120		A3E						ASIAN	QG62an	WIA	VK4TJ
28820,0	6	2016	4	3	0455		A3E						ASIAN	QG62an	WIA	VK4TJ
28825,0	8	2016	4	6	0125		F3E						ASIAN	QG62an	WIA	VK4TJ
28835,0	6	2016	4	6	0120		A3E						ASIAN	QG62an	WIA	VK4TJ
28837,5	8	2016	4	6	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
28850,0	8	2016	4	6	0135		F3E						ASIAN	QG62an	WIA	VK4TJ
28855,0	6	2016	4	6	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
28862,5	8	2016	4	1	0530		F3E						ASIAN	QG62an	WIA	VK4TJ
28865,0	6	2016	4	6	0140		A3E						ASIAN	QG62an	WIA	VK4TJ
28875,0	8	2016	4	1	0530		F3E						ASIAN	QG62an	WIA	VK4TJ
28880,0	6	2016	4	3	0500		A3E						ASIAN	QG62an	WIA	VK4TJ
28885,0	6	2016	4	6	0145		A3E						ASIAN	QG62an	WIA	VK4TJ
28887,5	8	2016	4	3	0500		F3E						ASIAN	QG62an	WIA	VK4TJ
28895,0	6	2016	4	1	0535		A3E						ASIAN	QG62an	WIA	VK4TJ
28900,0	8	2016	4	3	0455		F3E						ASIAN	QG62an	WIA	VK4TJ
28912,5	8	2016	4	6	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28950,0	8	2016	4	5	0150		F3E						ASIAN	QG62an	WIA	VK4TJ
28960,0	200	2016	4	21	0735		P0N				IRN		OTHR	QG62an	WIA	VK4TJ
28965,0	200	2016	4	12	0740		P0N				IRN		OTHR	QG62an	WIA	VK4TJ
28975,0	8	2016	4	1	0535		F3E						ASIAN	QG62an	WIA	VK4TJ
28987,5	8	2016	4	12	0740		F3E						ASIAN	QG62an	WIA	VK4TJ
29000,0	8	2016	4	2	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
29012,5	8	2016	4	24	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
29025,0	8	2016	4	1	0155		F3E						ASIAN	QG62an	WIA	VK4TJ
29050,0	8	2016	4	6	0105		F3E						ASIAN	QG62an	WIA	VK4TJ
29062,5	8	2016	4	1	0535		F3E						ASIAN	QG62an	WIA	VK4TJ
29065,0	6	2016	4	6	0105		A3E						ASIAN	QG62an	WIA	VK4TJ

29075,0	8	2016	4	3	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
29100,0	8	2016	4	3	0450		F3E						ASIAN	QG62an	WIA	VK4TJ
29105,0	6	2016	4	12	0745		A3E						ASIAN	QG62an	WIA	VK4TJ
29112,5	8	2016	4	3	0450		F3E						ASIAN	QG62an	WIA	VK4TJ
29125,0	8	2016	4	3	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
29137,5	8	2016	4	6	0115		F3E						ASIAN	QG62an	WIA	VK4TJ
29150,0	8	2016	4	3	0435		F3E						ASIAN	QG62an	WIA	VK4TJ
29175,0	8	2016	4	3	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29187,5	8	2016	4	3	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29195,0	6	2016	4	6	0115		A3E						ASIAN	QG62an	WIA	VK4TJ
29200,0	8	2016	4	2	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29212,5	8	2016	4	3	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29225,0	8	2016	4	3	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29237,5	8	2016	4	16	0500		F3E						ASIAN	QG62an	WIA	VK4TJ
29250,0	8	2016	4	3	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29275,0	8	2016	4	1	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
29285,0	6	2016	4	1	0540		A3E						ASIAN	QG62an	WIA	VK4TJ
29287,5	8	2016	4	1	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
29300,0	8	2016	4	3	0445		F3E						ASIAN	QG62an	WIA	VK4TJ
29325,0	8	2016	4	13	0420		F3E						ASIAN	QG62an	WIA	VK4TJ
29337,5	8	2016	4	16	0445		F3E						ASIAN	QG62an	WIA	VK4TJ
29350,0	8	2016	4	3	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
29350,0	200	2016	4	16	0445		P0N			IRN			OTHR	QG62an	WIA	VK4TJ
29355,0	6	2016	4	6	0110		A3E						ASIAN	QG62an	WIA	VK4TJ
29362,5	8	2016	4	3	0430		F3E						ASIAN	QG62an	WIA	VK4TJ
29375,0	8	2016	4	3	0430		F3E						ASIAN	QG62an	WIA	VK4TJ
29387,5	8	2016	4	5	0120		F3E						ASIAN	QG62an	WIA	VK4TJ
29400,0	8	2016	4	5	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
29412,5	8	2016	4	3	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
29425,0	8	2016	4	3	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
29437,5	8	2016	4	5	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
29450,0	8	2016	4	12	0755		F3E						ASIAN	QG62an	WIA	VK4TJ
29462,5	8	2016	4	3	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
29475,0	8	2016	4	5	0420		F3E						ASIAN	QG62an	WIA	VK4TJ
29487,5	8	2016	4	5	0420		F3E						ASIAN	QG62an	WIA	VK4TJ
29500,0	8	2016	4	3	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
29512,5	8	2016	4	16	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
29525,0	8	2016	4	1	0545		F3E						ASIAN	QG62an	WIA	VK4TJ
29550,0	8	2016	4	6	0110		F3E						ASIAN	QG62an	WIA	VK4TJ
29562,5	8	2016	4	27	0725		F3E						ASIAN	QG62an	WIA	VK4TJ
29575,0	8	2016	4	5	0210		F3E						ASIAN	QG62an	WIA	VK4TJ
29600,0	8	2016	4	1	0545		F3E						ASIAN	QG62an	WIA	VK4TJ
29612,5	8	2016	4	3	0435		F3E						ASIAN	QG62an	WIA	VK4TJ
29625,0	8	2016	4	3	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
29637,5	8	2016	4	3	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
29650,0	1	2016	4	5	0120		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
29650,0	8	2016	4	1	0705		F3E						ASIAN	QG62an	WIA	VK4TJ
29662,5	8	2016	4	3	0435		F3E						ASIAN	QG62an	WIA	VK4TJ
29675,0	8	2016	4	1	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
29687,5	8	2016	4	1	0700		F3E						ASIAN	QG62an	WIA	VK4TJ

29700,0	8	2016	4	1	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
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