



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



May 2016

Titon Dutono, YB3PET

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

This month there were 17 observations from ARSI, 253 observations from JARL, 72 observations from NZART, and 420 observations from WIA. By this month sampling, there were total 762 observations of intruders made across the Region.

The most prominent intruders are as in following table,

No.	Band	Class Emission	Administration	Description
1.	40m	AIA	RUS	Beacon
		A3E	CHN	Chainesse talk end music
		J3E	INS	Indonesian language when OTHR is not on
2.	20m	J3E	CLN	Sri Lankan Fisherman in QSO in Sinhala
		PXX	UNID	OTHR
		PON	UNID	OTHR long bursts
3.	15m	PXX	UNID	OTHR every 1 minute for 5 sec 50 PPS
		PON	UNID	OTHR bursts, no beep tone
4.	10m	A3E	UNID	Asian country
		F3E	UNID	Asian country

Further, 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: 17 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;
14000.4		2016	05	01	<0130-0140>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14010		2016	05	01	<0140-0145>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14014		2016	05	03	<0210-0225>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14001		2016	05	03	<0210-0225>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14014		2016	05	07	<0200-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14041		2016	05	07	<0200-0220>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
7027.5		2016	05	08	<0010-0015>	A1A	UNID	UNID	V BEACON ???	MK82	ARSI	FT757GX	INV.VEE; VERT;
14035		2016	05	08	<0150-0210>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14010		2016	05	08	<0240-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14050		2016	05	09	<0235-0250>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14002		2016	05	09	<0300-0315>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
10102		2016	05	11	<0150-0210>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14037		2016	05	11	<0630-0640>	J3E/U	CHN	UNID	CHINESE SPEAKERS	MK82	ARSI	FT757GX	INV.VEE; VERT;
10110		2016	05	13	<0145-0210>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; 4 OM TODAY ON FREQ	MK82	ARSI	FT757GX	INV.VEE; VERT;
14041.7		2016	05	13	<0200-0215>	J3E/L	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
14014		2016	05	14	<0115-0125>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;

JARL: 253 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
7039	0.5	2016	05	01	1004	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	01	1104	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	01	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	01	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	01	1630	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	01	1850	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	02	1130	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	02	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	02	1604	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	02	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	03	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	03	1640	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	04	1132	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	04	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	04	1650	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL

7039	0.5	2016	05	04	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	05	1132	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	05	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	05	1620	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	05	1840	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	06	1120	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	06	1210	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	06	1624	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	06	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	07	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	07	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	07	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	08	1106	A1A			15	RUS	K--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	08	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	08	1620	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	08	1840	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	09	1212	PXX			non	non	non	unkown dot only pulse PXX	PM 97	JARL
7039	0.5	2016	05	09	1850	A1A			15	non	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	11	1206	A1A			15	RUS	non	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	12	1830	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	13	1208	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	13	1610	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	13	1820	A1A			15	RUS	M--signal	Beacon T-7	PM 97	JARL
7039	0.5	2016	05	14	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	14	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	15	1130	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	15	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	15	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	15	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	16	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	16	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	16	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	17	1212	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	17	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	17	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	18	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	18	1612	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	18	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	19	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	19	1614	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	19	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	20	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	20	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	20	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	21	1840	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	22	1004	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	22	1104	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	22	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	22	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	05	22	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2016	05	23	1120	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	23	1210	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	23	1606	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	23	1820	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	24	1118	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	24	1206	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	24	1620	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	24	1840	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	25	1208	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	25	1610	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	25	1830	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	26	1212	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	26	1610	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	26	1820	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	27	1118	A3E			non	CHN	non	Beacon		PM 97	JARL
7039	0.5	2016	05	27	1210	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	27	1610	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	27	1820	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	28	1116	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	28	1210	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	28	1620	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	28	1830	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	29	1840	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	30	1840	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7039	0.5	2016	05	31	1830	A1A			15	RUS	M--signal	Beacon		PM 97	JARL
7200	5	2016	05	01	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	05	01	1000	A3E			non	CHN	non	Chainese talk and music	Time signsl 3+1	PM 97	JARL
7200	5	2016	05	01	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	05	01	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	01	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2016	05	01	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	01	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	01	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	01	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	02	1124	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	02	1126	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	02	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2016	05	02	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	02	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	02	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	03	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL
7200	4	2016	05	03	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	03	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	03	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	04	1126	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	04	1128	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	04	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after	PM 97	JARL

7200	4	2016	05	04	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	04	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	04	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	05	1128	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	05	1130	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	05	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	05	05	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	05	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	05	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	06	1116	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	06	1118	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	06	1200	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	06	1200	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	06	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	06	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	07	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	05	07	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	07	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	07	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	08	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	05	08	1102	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	08	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	05	08	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	08	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	08	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	09	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	05	09	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	09	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	05	09	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	09	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	09	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	10	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	05	10	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	05	10	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	10	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	11	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	05	11	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	05	11	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	11	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	12	1116	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	05	12	1118	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	12	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1 after QRT	PM 97	JARL
7200	4	2016	05	12	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	05	12	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	12	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL

[illegible]

7200	3	2016	05	21	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	21	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	21	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	22	1000	A3E			non	CHN	non	Chinese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2016	05	22	1000	A3E			non	CHN	non	Chinese talk and music late	Time signal 2+1 2 sec	PM 97	JARL
7200	5	2016	05	22	1100	A3E			non	CHN	M--signal	Chinese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	05	22	1100	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	22	1200	A3E			non	CHN	non	Chinese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	3	2016	05	22	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	22	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	22	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	23	1114	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	4	2016	05	23	1116	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	23	1200	A3E			non	CHN	non	Chinese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	4	2016	05	23	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	23	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	23	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	24	1112	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	24	1114	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	24	1200	A3E			non	CHN	non	Chinese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	3	2016	05	24	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	24	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	24	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	25	1200	A3E			non	CHN	non	Chinese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	3	2016	05	25	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	25	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	25	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	26	1200	A3E			non	CHN	non	Chinese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	3	2016	05	26	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	26	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	26	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	27	1112	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	27	1114	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	27	1200	A3E			non	CHN	non	Chinese talk and music QRT	Time signal 3+1 afte	PM 97	JARL
7200	3	2016	05	27	1200	A3E			non	CHN	non	Chinese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	27	1202	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	3	2016	05	27	1204	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL
7200	5	2016	05	28	1112	A3E			non	CHN	non	Chinese talk and music		PM 97	JARL

7200	4	2016	05	28	1114	A3E			non	CHN	M--signal	Chainese talk and music	PM 97	JARL	
7200	5	2016	05	28	1200	A3E			non	CHN	non	Chainese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	4	2016	05	28	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	28	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	28	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	29	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2016	05	29	1000	A1A			non	CHN	non	Chainese talk and music late	Time signal 4+1 2 sec	PM 97	JARL
7200	5	2016	05	29	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	05	29	1100	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	29	1200	A3E			non	CHN	non	Chainese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	4	2016	05	29	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	29	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	29	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	30	1200	A3E			non	CHN	non	Chainese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	4	2016	05	30	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	30	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	30	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	05	31	1200	A3E			non	CHN	non	Chainese talk and music QRT	Time signal 3+1 after	PM 97	JARL
7200	4	2016	05	31	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	05	31	1202	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	3	2016	05	31	1204	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL

NZART: 61 observations

kHz	BW	YYY Y	Mo n	DD	GMT	UTC	Emm	Bd	Sft	Hdg	AD M	ID	Description	Grid	Society		
7000		2016	5	DY	HX	HX	J3E/L			?		?	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	ZL1BAD		
7038.7		2016	5	DY	HX24	HX24	A1A			RUS	D	RCV	CW Beacon D, Sevastopol	RF72LQ	ZL1BAD		
7038.8		2016	5	DY	HX24	HX24	A1A			RUS	K	?	CW Beacon K	RF72LQ	ZL1BAD		
7038.9		2016	5	DY	HX24	HX24	A1A			RUS	S	RIT	CW Beacon S, Sevromorsk	RF72LQ	ZL1BAD		
7039.2		2016	5	DY	HX24	HX24	A1A			RUS	F	RIS	CW Beacon F, Vladvostok	RF72LQ	ZL1BAD		
7039.4		2016	5	DY	HX24	HX24	A1A			RUS	M	RTS	CW Beacon M, Magadan	RF72LQ	ZL1BAD		
14000.25	245	2016	05	20	<0726>	0726	PXX			330	Unid	?	OTHR S4 30 pps 13 second bursts	RF73MF	ZL1GWE		
14102,5	13	2016	05	08	<2140>	2140	PXX			330	Unid	?	OTHR 41 pps S5 6 second bursts not clean signal spurious side bands	RF73MF	ZL1GWE		
14108		2016	05	27	<0951>	0951	PXX				Unid	?	OTHR 83 pps S9 continous	RE79SO	ZL2BJA		

14130.5	31	2016	05	20	<0744>	0744	PXX			330	Unid	?	OTHR 24 pps continuous S4	RF73MF	ZL1GWE		
14137	10	2016	5	23	<2245>	2245	PXX				Unid	?	OTHR Every 1` min for 5 secs.	RF72LQ	ZL1BAD		
14150	70	2016	05	20	<0744>	0744	PXX			330	Unid	?	OTHR 24 pps continuous S4	RF73MF	ZL1GWE		
14150	50	2016	5	26	<2045>	2045-2100	PXX				Unid	?	OTHR Continuous	RF72LQ	ZL1BAD		
14184	10	2016	05	29	<0750>	0750	PXX			330	Unid	?	OTHR S5 12 pps continous	RF73MF	ZL1GWE		
14200	10	2016	5	28	<0245>	0245	PXX			?	Unid	?	OTHR every 1 min. for 3 secs.	RF72LQ	ZL1BAD		
14215	10	2016	5	28	<0246>	0246	PXX			?	Unid	?	OTHR Variable speed	RF72LQ	ZL1BAD		
14224	10	2016	05	09	<0509>	0509	PXX			330	Unid	?	OTHR 46 pps 10 second long bursts S2 multiples overlapping	RF73MF	ZL1GWE		
14227	10	2016	5	30	<2247>	2247	PXX			?	Unid	?	OTHR every 1 min for 10 secs.	RF72LQ	ZL1BAD		
14264	10	2016	05	29	<1939>	1939-1952	PXX			330	Unid	?	OTHR S4 10 pps 12 second bursts in a string	RF73MF	ZL1GWE		
14288	10	2016	5	28	,<0247>	,0247	PXX			?	Unid	?	OTHR variable speed but no less than 30 secs.	RF72LQ	ZL1BAD		
14297.5	13	2016	05	09	<0509>	0509	PXX			330	Unid	?	OTHR 46 pps 10 second long bursts S2 multiples overlapping	RF73Mf	ZL1GWE		
14300		2016	05	08	<0702>	0702	G7D			330	CHN	?	Chinese PRC 16 tone BPSK iding S3	RF73MF	ZL1GWE		
14303.5	12	2016	05	09	<0509>	0509	PXX			330	Unid	?	OTHR 46 pps 10 second long bursts S2 multiples overlapping	RF73MF	ZL1GWE		
18064*	10	2016	05	28	<0639>	0639-0640	PXX			330	Unid	?	OTHR S3 8 pps was originally under Cyprus transmission	RF73MF	ZL1GWE		
18092	64	2016	05	28	<0034>	0034	PXX			330	Unid	?	OTHR 50 second bursts 10 pps	RF73MF	ZL1GWE		
18171	58	2016	05	28	<0026>	0026	PXX			330	Unid	?	OTHR S2 10 pps continuous spreading outside of band	RF73MF	ZL1GWE		
21000	149	2016	05	08	<0539>	0539	PXX				Unid	?	OTHR centre pip an array spread over 149 kHz S4 13 seconds long burstb	RF73MF	ZL1GWE		
21000		2016	05	09	<0234>	0234	N0N			330	Unid	?	Carrier N0N S5 with QSB	RF73MF	ZL1GWE		
21001.5	27	2016	05	09	<0140>	0140	PXX			330	Unid	?	OTHR S3 13 second bursts - rate not captured	RF73MF	ZL1GWE		
21077.5	11	2016	05	08	<2223>	2223	PXX			330	Unid	?	OTHR 83 pps 3 second bursts S6	RF73MF	ZL1GWE		
21091	10	2016	05	09	<0026>	0026	PXX			330	Unid	?	OTHR S6 49 pps 5.1 second bursts	RF73MF	ZL1GWE		
21111		2016	05	01	<0639>	0639	F1B	50	250	330	RUS	?	Russian RTTY CIS 50-50 encrypted S3 to S4 QSB EOM indicators	RF73MF	ZL1GWE		
21113		2016	05	08	<0638>	0638	F1B	50	200	330	RUS	?	Russian RTTY CIS 50-50 encrypted S5 EOM indicators REA4 type	RF73MF	ZL1GWE		
21127	10	2016	5	19	<0038>	0038	PXX			?	Unid	?	OTHR every 1 min,	RF72LQ	ZL1BAD		
21159.5	11	2016	05	09	<0226>	0226	PXX			330	Unid	?	OTHR 51 pps 5 second bursts S5 Sweeping	RF73MF	ZL1GWE		
21197.5	13	2016	05	08	<2250>	2250	PXX			330	Unid	?	OTHR S8 66 pps 4 second bursts	RF73MF	ZL1GWE		
21127	10	2016	5	19	<0038>	0038	PXX			?	Unid	?	OTHR every 1 min,	RF72LQ	ZL1BAD		
21203	10	2016	5	14	<0328>	0328	PXX			?	Unid	?	OTHR every 1 min.	RF72LQ	ZL1BAD		
21200	10	2016	5	30	2245	2245	PXX			?	Unid	?	OTHR HFSWR 18 SECS	RF72LQ	ZL1BAD		
21203	10	2016	5	14	<0328>	0328	PXX			?	Unid	?	OTHR every 1 min.	RF72LQ	ZL1BAD		
21203	10	2016	5	19	<0040>	0040	PXX			?	Unid	?	OTHR every 1 min. for 10 secs	RF72LQ	ZL1BAD		
21208	136	2016	05	29	<0114>	0114-0424	PXX			330	Unid	?	OTHR S4 12-13 pps 52 second bursts like two OTHR but is in fact one.	RF73Mf	ZL1GWE		

21215	10	2016	5	19	<0035>	0035	PXX			?	Unid	?	OTHR every 1 min. for 10 saecs	RF72LQ	ZL1BAD		
21217	10	2016	5	14	<2335>	2335	PXX			?	Unid	?	OTHR every 30 sexcs	RF72LQ	ZL1BAD		
21230	240	2016	5	21	<0326>	0326	PXX			?	Unid	?	OTHR EVERY 1 MIN FOR 1.2 SECS	RF72LQ	ZL1BAD		
21233	10	2016	5	16	<0137>	0137	PXX			?	Unid	?	OTHR Timing variable but less than 3 secs.	RF72LQ	ZL1BAD		
21244	10	2016	05	08	<2250>	2250	PXX			330	Unid	?	OTHR S6 83 pps 3 second bursts	RF73MF	ZL1GWE		
21260	10	2016	5	19	<0035>	0035	PXX			?	Unid	?	OTHR Every 1 min. for 5 secs	RF72LQ	ZL1BAD		
21263.5	13	2016	05	08	<2306>	2306	PXX			330	Unid	?	OTHR S7 83 pps 2.8 seconds bursts	RF73MF	ZL1GWE		
21268	12	2016	05	09	<0458>	0458	PXX			330	Unid	?	OTHR 46 pps 5 second long bursts S4 long gaps	RF73MF	ZL1GWE		
21270	10	2016	5	04	<0440>	0440	PXX			?	Unid	?	OTHR EVERY 1 MIN. FOR 5 SECS 50 PPS	RF72LQ	ZL1BAD		
21276	10	2016	5	19	<0038>	0038	PXX			?	Unid	?	OTHR every 1 min.	RF72LQ	ZL1BAD		
21282	8	2016	05	08	<2236>	2236	PXX			330	Unid	?	OTHR 83 pps 3 second bursts S7	RF73MF	ZL1GWE		
21285	10	2016	5	11	<0258>	0258	PXX			?	Unid	?	OTHR EVERY 1 MIN.	RF72LQ	ZL1BAD		
21286.5	11	2016	05	09	<0132>	0132	PXX			330	Unid	?	OTHR 40 pps S2 3.3 second bursts and shorter 1.2 second bursts	RF73MF	ZL1GWE		
21287	16	2016	05	01	<0417>	0417-0541	PXX			330	Unid	?	OTHR 27 and 29 pps bursts 4.1 seconds long varying rate centre pip S4 - Australia suspected	RF73MF	ZL1GWE		
21294	10	2016	5	14	<0325>	0325	PXX			?	Unid	?	OTHR every 1 min.	RF72LQ	ZL1BAD		
21294.5	9	2016	05	09	<0239>	0239	PXX			330	Unid	?	OTHR 37 pps variable rates S2	RF73MF	ZL1GWE		
21295	10	2016	05	17	<0505>	0505-0544	PXX			330	Unid	?	OTHR S4 47 and 49 pps bursts 1.2 second each with centre pip	RF73MF	ZL1GWE		
21295	10	2016	05	28	<0658>	0658	PXX			330	Unid	?	OTHR 30 pps 8.7 second bursts with smaller ones central pip but not a varying rate	RF73MF	ZL1GWE		
21295	10	2016	05	29	<0545>	0545	PXX			330	Unid	?	OTHR S5-6 with central pip varying rate 51, 55 and 47pps 2.5 second bursts	RF73MF	ZL1GWE		
21305	10	2016	5	17	<2305>	2305	PXX			?	Unid	?	OTHR every 1 min. for 10 saecs	RF72LQ	ZL1BAD		
2 1305	10	2016	5	23	<0146>	0146	PXX			?	Unid	?	OTHR every 1 min. for 5 secs	RF72LQ	ZL1BAD		
21325	10	2016	5	23	<0146>	0146	PXX			?	Unid	?	OTHR every 1 min. for 5 secs.	RF72LQ	ZL1BAD		
21344	20	2016	5	16	<0138>	0138	PXX			?	Unid	?	OTHR every 1 min.	RF72LQ	ZL1BAD		
21365	92	2016	05	28	<0549>	0549	PXX			330	Unid	?	OTHR 21 pps S2-3 alternative bursts	RF73MF	ZL1GWE		
21365.5	11	2016	05	30	<0138>	0138	PXX			330	Unid	?	OTHR S5 50 pps 5 second bursts	RF73MF	ZL1GWE		
21380	10	2016	05	09	<0226>	0226	PXX			330	Unid	?	OTHR S5 51 pps 5 second bursts sweeper	RF73MF	ZL1GWE		
21390	10	2016	05	09	<0239>	0239	PXX			330	Unid	?	OTHR S2 37 pps 3.8 second bursts with a pip	RF73MF	ZL1GWE		
24896	12	2016	05	09	<0158>	0158	PXX			330	Unid	?	OTHR 66 pps S4 3.7 second bursts	RF73MF	ZL1GWE		
24904	10	2016	05	09	<2357>	2357	PXX			330	Unid	?	OTHR S9 + 10 db 66 pps 3.9 second bursts	RF73MF	ZL1GWE		
24972	10	2016	05	08	<2342>	2342	PXX			330	Unid	?	OTHR 50 pps 3.7 second bursts but vary in rate	RF73MF	ZL1GWE		

WIA: 461 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes		
3503,0	1	2016	5	4	1845		A2A					A	BURSTS	QG62an	WIA	VK4TJ		
3524,0	1	2016	5	15	1945		F1B						IDLING	QG62an	WIA	VK4TJ		
3535,0	2	2016	5	11	0955		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
3545,0	5	2016	5	15	1955		G1D						BROAD PSK	QG62an	WIA	VK4TJ		
3548,0	1	2016	5	4	1850		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
3551,4	3	2016	5	4	1850		J3E/U						MUSIC	QG62an	WIA	VK4TJ		
3552,0	1	2016	5	4	1850		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
3554,0	5	2016	5	1	1950		G1D						BROAD PSK	QG62an	WIA	VK4TJ		
3555,0	3	2016	5	27	0900		J3E/U						CHINESE	QG62an	WIA	VK4TJ		
3559,0	1	2016	5	15	1955		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
3575,0	3	2016	5	15	1955		J1C						FAX	QG62an	WIA	VK4TJ		
3585,0	3	2016	5	1	1955		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ		
3598,0	3	2016	5	15	1955		J1C						WEATHER FAX	QG62an	WIA	VK4TJ		
3622,5	3	2016	5	1	0855		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ		
3642,0		2016	5	4	1850		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ		
3666,0		2016	5	16	1910		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
3681,0		2016	5	6	2000		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
3694,5		2016	5	15	1950		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
3694,5		2016	5	11	1940		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ		
3696,0	5	2016	5	27	1855		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
3781,1	3	2016	5	24	0810		J3E/U						CHINESE	QG62an	WIA	VK4TJ		
3787,0	1	2016	5	4	1855		F1B						IDLING, ID IN A1A	QG62an	WIA	VK4TJ		
3791,0	3	2016	5	11	0945		J3E/U						CHINESE	QG62an	WIA	VK4TJ		
3797,0		2016	5	4	1855		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
6950,0	150	2016	5	4	1845		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
7000,0	3	2016	5	1	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7000,0	3	2016	5	11	0925		J3E/U				INS		MUSIC	QG62an	WIA	VK4TJ		
7005,0	3	2016	5	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7005,0	3	2016	5	5	0825		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7005,0	3	2016	5	14	0915		J3E/U						ASIAN MUSIC	QG62an	WIA	VK4TJ		
7008,0	3	2016	5	25	0845		J3E/L				INS		VILLAGE RADIO	QG62an	WIA	VK4TJ		
7008,0	1	2016	5	22	2055		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
7010,0	3	2016	5	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7010,0	3	2016	5	1	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7010,4	3	2016	5	21	0640		J3E/U						CHINESE SPEAKERS	QG62an	WIA	VK4TJ		
7012,0	1	2016	5	12	2110		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7012,0	5	2016	5	12	2105		G7D						FOLLOWED BY J3E/L IN CHINESE	QG62an	WIA	VK4TJ		
7014,0	3	2016	5	12	2105		J3E/L						FOLLOWS G7D ON 7012	QG62an	WIA	VK4TJ		
7015,0	3	2016	5	1	0905		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		

7015,0	3	2016	5	8	0750		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7016,0	1	2016	5	15	2000		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
7020,0	2	2016	5	14	0855		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
7020,0	3	2016	5	19	1005		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ		
7020,0	3	2016	5	1	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7020,0	3	2016	5	7	0855		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7020,0	1	2016	5	15	2000		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
7021,0	1	2016	5	31	2055		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7025,0	3	2016	5	1	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7025,0	3	2016	5	9	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7027,5		2016	5	11	1945		A1A					V	DAILY, BEACON	QG62an	WIA	VK4TJ		
7030,0	3	2016	5	1	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7030,0	3	2016	5	9	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7031,0	5	2016	5	1	1955		G1D						BROAD PSK	QG62an	WIA	VK4TJ		
7033,0	1	2016	5	19	0955		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7035,0	20	2016	5	18	2110		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
7035,0	3	2016	5	7	0910		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ		
7035,0	3	2016	5	9	1010		J3E/U				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ		
7036,0		2016	5	26	1010		CW						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
7036,0	1	2016	5	16	1910		F1B						CONTINUOUS, IDLING	QG62an	WIA	VK4TJ		
7039,4	1	2016	5	1	0845		A2A				RUS	M	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ		
7040,0	3	2016	5	17	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7045,0	3	2016	5	6	0940		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ		
7050,0	3	2016	5	22	2100		J3E/L						RUSSIAN MARSHALL MUSIC	QG62an	WIA	VK4TJ		
7050,0	3	2016	5	11	0835		J3E/U				INS		VILLAGE RADIO	QG62an	WIA	VK4TJ		
7050,0	20	2016	5	1	1955		VXX						CODAR	QG62an	WIA	VK4TJ		
7051,0	1	2016	5	1	0850		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7055,0	3	2016	5	22	2100		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ		
7064,0	5	2016	5	27	0845		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
7075,0	50	2016	5	9	1020		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
7091,6		2016	5	4	1900		A1A				RUS	V	HARBOUR BEACON	QG62an	WIA	VK4TJ		
7099,0	1	2016	5	16	1915		F1B		200				CONTINUOUS	QG62an	WIA	VK4TJ		
7100,0	3	2016	5	24	1010		J3E/U						ASIAN MUSIC	QG62an	WIA	VK4TJ		
7100,0	3	2016	5	24	0910		J3E/U				INS		MOSLEMS AT PRAYER	QG62an	WIA	VK4TJ		
7100,0		2016	5	4	1900		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
7103,0	1	2016	5	1	2000		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7105,0	1	2016	5	1	2000		F1B		250				BURSTS	QG62an	WIA	VK4TJ		
7108,0	5	2016	5	1	0855		G7D							QG62an	WIA	VK4TJ		
7110,0	1	2016	5	24	0910		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7110,0	3	2016	5	22	2105		J3E/U						TAGALOG OR BAHASA	QG62an	WIA	VK4TJ		
7110,0	2	2016	5	17	0855		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
7111,0	1	2016	5	10	2040		F1B						BURSTS	QG62an	WIA	VK4TJ		
7114,0	1	2016	5	1	2000		F1B		250				BURSTS	QG62an	WIA	VK4TJ		
7115,0	5	2016	5	16	1915		G1D						BROAD PSK	QG62an	WIA	VK4TJ		
7115,0	2	2016	5	1	0840		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		

7115,0	3	2016	5	1	0810		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ		
7117,0	5	2016	5	29	0905		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
7117,0		2016	5	24	1005		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
7118,0	5	2016	5	12	0905		G1D						BROAD PSK	QG62an	WIA	VK4TJ		
7120,0	2	2016	5	29	0605		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
7120,0	8	2016	5	4	1845		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ		
7122,0		2016	5	17	2035		A1A				RUS	V	HARBOUR BEACON	QG62an	WIA	VK4TJ		
7132,5	3	2016	5	14	0830		J3E/U						ASIAN, SOUNDS TAGALOG	QG62an	WIA	VK4TJ		
7135,0	1	2016	5	15	2005		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7139,0	1	2016	5	11	1945		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
7140,0	30	2016	5	19	2050		VXX						CODAR	QG62an	WIA	VK4TJ		
7140,0	1	2016	5	16	1915		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
7144,0	1	2016	5	1	2000		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ		
7150,0	5	2016	5	11	1945		G1D						BURSTS	QG62an	WIA	VK4TJ		
7174,0	1	2016	5	17	1010		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
7176,0		2016	5	24	1015		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
7180,0	3	2016	5	22	2105		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
7185,0	5	2016	5	15	2005		G1D						BROAD PSK	QG62an	WIA	VK4TJ		
7186,0	5	2016	5	19	2055		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
7192,0	3	2016	5	22	2105		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
7193,4	3	2016	5	1	0855		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
7200,0	8	2016	5	9	1025		A3E						DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ		
7232,0		2016	5	30	2140		A1A				ISR	4XZ	VVV	QG62an	WIA	VK4TJ		
10100,0	8	2016	5	12	0900		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ		
10110,0	2	2016	5	12	2115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
10115,0	2	2016	5	12	2115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
10125,0	2	2016	5	11	2140		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14000,0		2016	5	10	0705		N0N							QG62an	WIA	VK4TJ		
14000,0	40	2016	5	5	0735		P0N						OTHER, BURSTS	QG62an	WIA	VK4TJ		
14000,0	3	2016	5	5	2315		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14000,4	3	2016	5	14	0720		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14003,4	3	2016	5	31	0725		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14008,0	1	2016	5	1	0445		F1B			250			DAILY, CONTINUOUS	QG62an	WIA	VK4TJ		
14009,6	3	2016	5	5	0910		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14011,6	3	2016	5	10	0430		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14020,0	2	2016	5	30	2240		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14029,2	3	2016	5	30	2310		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14030,0	20	2016	5	30	2335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
14035,0	3	2016	5	30	2300		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14036,0	1	2016	5	17	0005		F1B							QG62an	WIA	VK4TJ		
14040,1	3	2016	5	4	2345		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
14042,0	3	2016	5	31	2225		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ		
14042,0	1	2016	5	23	2245		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
14045,0	1	2016	5	31	2230		F1B						BURSTS	QG62an	WIA	VK4TJ		
14045,0	20	2016	5	12	2210		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		

14048,0	3	2016	5	2	0505		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ		
14050,0	1	2016	5	16	0600		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
14050,0	2	2016	5	2	0335		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14050,0	3	2016	5	6	2130		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
14050,6	3	2016	5	15	2225		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ		
14051,0	5	2016	5	15	0935		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
14055,0	3	2016	5	27	0010		J3E/L						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ		
14055,0	2	2016	5	2	0520		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14058,9	3	2016	5	6	0740		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
14060,0	2	2016	5	31	2110		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14061,0	3	2016	5	30	2245		J3E/U						ASIAN, FOLLOWS SELCALL ON 14062	QG62an	WIA	VK4TJ		
14062,0	1	2016	5	4	2120		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
14063,7	3	2016	5	8	0650		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
14065,0	2	2016	5	25	2215		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14067,1	3	2016	5	23	2315		J3E/U						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
14070,0	2	2016	5	10	0210		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14072,1	3	2016	5	10	0745		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14075,0	2	2016	5	28	0200		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
14083,8	3	2016	5	31	0750		J3E/L						ASIAN	QG62an	WIA	VK4TJ		
14093,7	3	2016	5	4	2345		J3E/L						ASIAN	QG62an	WIA	VK4TJ		
14098,1	3	2016	5	16	0745		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
14100,0	3	2016	5	14	0725		J3E/U						ASIAN, SOUNDS VIETNAMESE	QG62an	WIA	VK4TJ		
14100,0	160	2016	5	10	0710		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
14108,0		2016	5	31	0200		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
14110,0	20	2016	5	18	0650		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
14111,9	3	2016	5	9	0955		J3E/U						SOUNDS RUSSIAN, NO CALLS - EVER	QG62an	WIA	VK4TJ		
14116,0	1	2016	5	26	0710		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
14125,0	10	2016	5	17	0845		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14130,0	20	2016	5	11	0455		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
14141,2	3	2016	5	31	0755		J3E/U						ASIAN, FOLLOWS G7D ON 14143	QG62an	WIA	VK4TJ		
14143,0	5	2016	5	31	0750		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ		
14150,0	50	2016	5	20	0805		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
14160,0	1	2016	5	5	0920		F1B	75	250				CONTINUOUS	QG62an	WIA	VK4TJ		
14166,0	3	2016	5	2	0805		F1B						BURSTS	QG62an	WIA	VK4TJ		
14185,0	10	2016	5	17	0850		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14200,0	100	2016	5	5	0925		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14214,0		2016	5	13	0755		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ		
14221,0	1	2016	5	4	2350		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
14225,0	10	2016	5	9	0540		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14226,0	1	2016	5	2	0810		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		
14238,0	1	2016	5	10	0745		G7D						BURSTS	QG62an	WIA	VK4TJ		
14250,0	30	2016	5	20	0800		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
14253,0	1	2016	5	2	0810		F1B						CONTINUOUS	QG62an	WIA	VK4TJ		

14260,0	10	2016	5	31	0220		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14295,0	10	2016	5	9	0540		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14301,5	5	2016	5	2	0810		G7D						DAILY	QG62an	WIA	VK4TJ		
14303,2	3	2016	5	31	0750		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
14305,0	10	2016	5	9	0545		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ		
14305,3	3	2016	5	24	0830		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
14338,3	3	2016	5	5	0925		J3E/U						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
18050,0	50	2016	5	2	0025		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
18065,0	20	2016	5	5	0305		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
18070,0	20	2016	5	28	0605		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
18074,4	3	2016	5	12	2245		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
18080,0	3	2016	5	17	0120		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
18081,5	3	2016	5	5	0115		J3E/U						ASIAN	QG62an	WIA	VK4TJ		
18091,0	3	2016	5	6	0300		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
18093,9	3	2016	5	6	0300		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ		
18108,0	1	2016	5	5	0155		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
18110,0	2	2016	5	5	0220		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
18115,0	3	2016	5	6	0210		J3E/L						ASIAN, BAHASA OR TAGALOG	QG62an	WIA	VK4TJ		
18128,0	1	2016	5	8	2235		F1B						FREQUENT BURSTS	QG62an	WIA	VK4TJ		
18150,0	100	2016	5	18	0705		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
18150,0	2	2016	5	8	2235		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
18160,0	50	2016	5	2	0800		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
18160,0	170	2016	5	1	0555		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
18160,0	20	2016	5	12	0100		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
18200,0	160	2016	5	28	0050		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
21000,0	3	2016	5	8	0715		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
21000,0	40	2016	5	6	0100		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
21000,0		2016	5	6	0855		N0N							QG62an	WIA	VK4TJ		
21035,0	10	2016	5	8	2355		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
21050,0	2	2016	5	1	2210		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
21057,6	3	2016	5	2	0130		J3E/U						UH-UH-UH. UNKNOWN SENDER	QG62an	WIA	VK4TJ		
21060,0	9	2016	5	2	0310		J3E/L				INS		3RD HARMONIC OF 7020	QG62an	WIA	VK4TJ		
21090,0	10	2016	5	8	2355		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ		
21097,0	1	2016	5	8	2300		F1B						SELCALL TONES	QG62an	WIA	VK4TJ		
21105,0	10	2016	5	13	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
21105,2	3	2016	5	2	0750		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
21111,1	3	2016	5	10	0030		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ		
21113,0	1	2016	5	8	0650		F1B	50	200		RUS	REA4	DAILY, CONTINUOUS	QG62an	WIA	VK4TJ		
21120,0	2	2016	5	5	0120		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ		
21140,0	40	2016	5	16	0100		P0N						BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ		
21150,0	40	2016	5	14	0315		P0N						BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ		
21151,7	3	2016	5	6	0200		J3E/L						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ		
21160,0	10	2016	5	9	0225		P0N						BURSTS	QG62an	WIA	VK4TJ		
21185,0	10	2016	5	8	2255		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
21205,0	15	2016	5	8	2230		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ		
21208,0	3	2016	5	8	0725		J3E/L						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ		

21222,2	3	2016	5	8	2220		J3E/L						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ		
21225,0	20	2016	5	10	0225		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ		
21230,0	20	2016	5	10	0010		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ		
21230,0	40	2016	5	6	0200		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ		
21235,0	10	2016	5	12	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
21235,0	20	2016	5	10	0030		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ		
21240,0	10	2016	5	8	2255		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
21240,0	20	2016	5	9	0240		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ		
21245,0	20	2016	5	9	0230		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ		
21275,0	10	2016	5	9	0655		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21285,0	10	2016	5	1	0425		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21290,0	10	2016	5	8	2250		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21295,0	10	2016	5	9	0235		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ		
21305,0	10	2016	5	18	0310		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21315,0	10	2016	5	18	0320		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21319,0	1	2016	5	9	0000		F1B	HIGH	600				BURSTS	QG62an	WIA	VK4TJ		
21341,5	3	2016	5	8	2310		J3E/L						ASIAN	QG62an	WIA	VK4TJ		
21345,0	20	2016	5	16	0140		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21350,0	170	2016	5	28	0610		P0N						CONTINUOUS	QG62an	WIA	VK4TJ		
21360,0	20	2016	5	8	2225		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21364,5	3	2016	5	8	0730		J3E/L						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ		
21365,0	11	2016	5	30	0150		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21370,0	10	2016	5	9	0225		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21390,0	3	2016	5	8	0730		J3E/L						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ		
21390,0	30	2016	5	2	0755		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
21400,0	10	2016	5	8	2255		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21405,0	20	2016	5	16	0140		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21432,5	3	2016	5	8	2300		J3E/L						ASIAN, SOME MUSIC	QG62an	WIA	VK4TJ		
21445,0	10	2016	5	18	0310		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ		
21450,0	60	2016	5	5	0800		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
24887,5	8	2016	5	5	0020		F3E						ASIAN	QG62an	WIA	VK4TJ		
24900,0	15	2016	5	9	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
24915,0	6	2016	5	17	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
24935,0	6	2016	5	5	0020		A3E						ASIAN	QG62an	WIA	VK4TJ		
24950,0	8	2016	5	8	0735		F3E						ASIAN	QG62an	WIA	VK4TJ		
24975,0	10	2016	5	8	2340		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
24975,0	8	2016	5	3	0315		F3E						ASIAN	QG62an	WIA	VK4TJ		
24985,0	10	2016	5	8	2340		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ		
24987,5	8	2016	5	8	2210		F3E						ASIAN	QG62an	WIA	VK4TJ		
28000,0	6	2016	5	4	2255		A3E						ASIAN	QG62an	WIA	VK4TJ		
28005,0	6	2016	5	4	2300		A3E						ASIAN	QG62an	WIA	VK4TJ		
28012,5	8	2016	5	9	0755		F3E						ASIAN	QG62an	WIA	VK4TJ		
28015,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28025,0	8	2016	5	2	0425		F3E						ASIAN	QG62an	WIA	VK4TJ		
28035,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28045,0	6	2016	5	6	0020		A3E						ASIAN	QG62an	WIA	VK4TJ		
28050,0	8	2016	5	2	0425		F3E						ASIAN	QG62an	WIA	VK4TJ		
28055,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		

28060,0	1	2016	5	2	0055		F1B						BURSTS, WAVE RIDER?	QG62an	WIA	VK4TJ		
28062,5	8	2016	5	9	0325		F3E						ASIAN	QG62an	WIA	VK4TJ		
28065,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28075,0	8	2016	5	2	0425		F3E						ASIAN	QG62an	WIA	VK4TJ		
28085,0	6	2016	5	2	0430		A3E						ASIAN	QG62an	WIA	VK4TJ		
28087,5	8	2016	5	9	0325		F3E						ASIAN	QG62an	WIA	VK4TJ		
28100,0	8	2016	5	1	0415		F3E						ASIAN	QG62an	WIA	VK4TJ		
28105,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28112,5	8	2016	5	2	0055		F3E						ASIAN	QG62an	WIA	VK4TJ		
28115,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28125,0	8	2016	5	2	0055		F3E						ASIAN	QG62an	WIA	VK4TJ		
28135,0	6	2016	5	6	0020		A3E						ASIAN	QG62an	WIA	VK4TJ		
28137,5	8	2016	5	9	0130		F3E						ASIAN	QG62an	WIA	VK4TJ		
28145,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28150,0	8	2016	5	9	0335		F3E						ASIAN	QG62an	WIA	VK4TJ		
28155,0	6	2016	5	2	0145		A3E						ASIAN	QG62an	WIA	VK4TJ		
28162,5	8	2016	5	9	0340		F3E						ASIAN	QG62an	WIA	VK4TJ		
28165,0	6	2016	5	2	0055		A3E						ASIAN	QG62an	WIA	VK4TJ		
28175,0	8	2016	5	2	0055		F3E						ASIAN	QG62an	WIA	VK4TJ		
28185,0	6	2016	5	6	0020		A3E						ASIAN	QG62an	WIA	VK4TJ		
28187,5	8	2016	5	2	0430		F3E						ASIAN	QG62an	WIA	VK4TJ		
28195,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28200,0	8	2016	5	9	0340		F3E						ASIAN	QG62an	WIA	VK4TJ		
28205,0	6	2016	5	6	0025		A3E						ASIAN	QG62an	WIA	VK4TJ		
28212,5	8	2016	5	9	0345		F3E						ASIAN	QG62an	WIA	VK4TJ		
28215,0	6	2016	5	2	0430		A3E						ASIAN	QG62an	WIA	VK4TJ		
28225,0	8	2016	5	2	0430		F3E						ASIAN	QG62an	WIA	VK4TJ		
28235,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28237,5	8	2016	5	9	0345		F3E						ASIAN	QG62an	WIA	VK4TJ		
28245,0	6	2016	5	6	0000		A3E						ASIAN	QG62an	WIA	VK4TJ		
28250,0	8	2016	5	5	0010		F3E						ASIAN	QG62an	WIA	VK4TJ		
28255,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28262,5	8	2016	5	2	0100		F3E						ASIAN	QG62an	WIA	VK4TJ		
28265,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28275,0	8	2016	5	3	0340		F3E						ASIAN	QG62an	WIA	VK4TJ		
28285,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28287,5	8	2016	5	9	0745		F3E						ASIAN	QG62an	WIA	VK4TJ		
28295,0	6	2016	5	2	0430		A3E						ASIAN	QG62an	WIA	VK4TJ		
28300,0	6	2016	5	2	0430		A3E						ASIAN	QG62an	WIA	VK4TJ		
28305,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28312,5	8	2016	5	11	0000		F3E						ASIAN	QG62an	WIA	VK4TJ		
28315,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28325,0	8	2016	5	2	0100		F3E						ASIAN	QG62an	WIA	VK4TJ		
28335,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28337,5	8	2016	5	11	0000		F3E						ASIAN	QG62an	WIA	VK4TJ		
28337,5	8	2016	5	19	0445		F3E						ASIAN	QG62an	WIA	VK4TJ		
28350,0	8	2016	5	2	0430		F3E						ASIAN	QG62an	WIA	VK4TJ		
28355,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		
28362,5	8	2016	5	2	0100		F3E						ASIAN	QG62an	WIA	VK4TJ		
28365,0	6	2016	5	2	0100		A3E						ASIAN	QG62an	WIA	VK4TJ		

28375,0	8	2016	5	2	0430		F3E						ASIAN	QG62an	WIA	VK4TJ		
28385,0	6	2016	5	2	0430		A3E						ASIAN	QG62an	WIA	VK4TJ		
28387,5	8	2016	5	19	0435		F3E						ASIAN	QG62an	WIA	VK4TJ		
28400,0	8	2016	5	3	0340		F3E						ASIAN	QG62an	WIA	VK4TJ		
28405,0	6	2016	5	2	0430		A3E						ASIAN	QG62an	WIA	VK4TJ		
28412,5	8	2016	5	6	0025		F3E						ASIAN	QG62an	WIA	VK4TJ		
28415,0	6	2016	5	2	0105		A3E						ASIAN	QG62an	WIA	VK4TJ		
28425,0	8	2016	5	2	0105		F3E						ASIAN	QG62an	WIA	VK4TJ		
28435,0	6	2016	5	2	0435		A3E						ASIAN	QG62an	WIA	VK4TJ		
28445,0	6	2016	5	2	0435		A3E						ASIAN	QG62an	WIA	VK4TJ		
28450,0	8	2016	5	19	0445		F3E						ASIAN	QG62an	WIA	VK4TJ		
28455,0	6	2016	5	2	0105		A3E						ASIAN	QG62an	WIA	VK4TJ		
28465,0	6	2016	5	2	0105		A3E						ASIAN	QG62an	WIA	VK4TJ		
28475,0	8	2016	5	2	0435		F3E						ASIAN	QG62an	WIA	VK4TJ		
28485,0	6	2016	5	2	0105		A3E						ASIAN	QG62an	WIA	VK4TJ		
28500,0	8	2016	5	19	0500		F3E						ASIAN	QG62an	WIA	VK4TJ		
28505,0	6	2016	5	2	0105		A3E						ASIAN	QG62an	WIA	VK4TJ		
28515,0	6	2016	5	2	0435		A3E						ASIAN	QG62an	WIA	VK4TJ		
28525,0	6	2016	5	2	0435		A3E						ASIAN	QG62an	WIA	VK4TJ		
28535,0	6	2016	5	2	0435		A3E						ASIAN	QG62an	WIA	VK4TJ		
28555,0	6	2016	5	2	0105		A3E						ASIAN	QG62an	WIA	VK4TJ		
28562,5	8	2016	5	3	0345		F3E						ASIAN	QG62an	WIA	VK4TJ		
28565,0	6	2016	5	2	0435		A3E						ASIAN	QG62an	WIA	VK4TJ		
28575,0	8	2016	5	2	0110		F3E						ASIAN	QG62an	WIA	VK4TJ		
28585,0	6	2016	5	6	0030		A3E						ASIAN	QG62an	WIA	VK4TJ		
28595,0	6	2016	5	2	0110		A3E						ASIAN	QG62an	WIA	VK4TJ		
28615,0	6	2016	5	6	0030		A3E						ASIAN	QG62an	WIA	VK4TJ		
28625,0	8	2016	5	2	0435		F3E						ASIAN	QG62an	WIA	VK4TJ		
28635,0	6	2016	5	2	0110		A3E						ASIAN	QG62an	WIA	VK4TJ		
28645,0	6	2016	5	2	0110		A3E						ASIAN	QG62an	WIA	VK4TJ		
28650,0	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28655,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28665,0	6	2016	5	2	0110		A3E						ASIAN	QG62an	WIA	VK4TJ		
28675,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28685,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28687,5	8	2016	5	6	0030		F3E						ASIAN	QG62an	WIA	VK4TJ		
28695,0	6	2016	5	2	0110		A3E						ASIAN	QG62an	WIA	VK4TJ		
28700,0	8	2016	5	9	0740		F3E						ASIAN	QG62an	WIA	VK4TJ		
28705,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28715,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28725,0	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28735,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28745,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28755,0	6	2016	5	2	0110		A3E						ASIAN	QG62an	WIA	VK4TJ		
28765,0	6	2016	5	2	0440		A3E						ASIAN	QG62an	WIA	VK4TJ		
28775,0	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28785,0	6	2016	5	6	0035		A3E						ASIAN	QG62an	WIA	VK4TJ		
28800,0	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28850,0	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28862,5	8	2016	5	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ		

28865,0	6	2016	5	9	0735		A3E						ASIAN	QG62an	WIA	VK4TJ		
28875,0	8	2016	5	2	0350		F3E						ASIAN	QG62an	WIA	VK4TJ		
28900,0	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28905,0	6	2016	5	6	0035		A3E						ASIAN	QG62an	WIA	VK4TJ		
28912,5	8	2016	5	2	0440		F3E						ASIAN	QG62an	WIA	VK4TJ		
28925,0	8	2016	5	9	0735		F3E						ASIAN	QG62an	WIA	VK4TJ		
28935,0	6	2016	5	2	0115		A3E						ASIAN	QG62an	WIA	VK4TJ		
28950,0	8	2016	5	9	0735		F3E						ASIAN	QG62an	WIA	VK4TJ		
28960,0	200	2016	5	9	0815		P0N				IRN		OTHR	QG62an	WIA	VK4TJ		
28962,5	8	2016	5	2	0115		F3E						ASIAN	QG62an	WIA	VK4TJ		
28975,0	8	2016	5	2	0445		F3E						ASIAN	QG62an	WIA	VK4TJ		
28995,0	6	2016	5	2	0445		A3E						ASIAN	QG62an	WIA	VK4TJ		
29000,0	8	2016	5	3	0355		F3E						ASIAN	QG62an	WIA	VK4TJ		
29005,0	6	2016	5	2	0445		A3E						ASIAN	QG62an	WIA	VK4TJ		
29025,0	8	2016	5	2	0115		F3E						ASIAN	QG62an	WIA	VK4TJ		
29035,0	6	2016	5	9	0730		A3E						ASIAN	QG62an	WIA	VK4TJ		
29037,5	8	2016	5	2	0445		F3E						ASIAN	QG62an	WIA	VK4TJ		
29050,0	8	2016	5	3	0355		F3E						ASIAN	QG62an	WIA	VK4TJ		
29075,0	8	2016	5	9	0730		F3E						ASIAN	QG62an	WIA	VK4TJ		
29087,5	8	2016	5	9	0710		F3E						ASIAN	QG62an	WIA	VK4TJ		
29100,0	8	2016	5	3	0355		F3E						ASIAN	QG62an	WIA	VK4TJ		
29105,0	6	2016	5	2	0445		A3E						ASIAN	QG62an	WIA	VK4TJ		
29112,5	8	2016	5	9	0820		F3E						ASIAN	QG62an	WIA	VK4TJ		
29125,0	8	2016	5	2	0450		F3E						ASIAN	QG62an	WIA	VK4TJ		
29165,0	6	2016	5	2	0450		A3E						ASIAN	QG62an	WIA	VK4TJ		
29175,0	8	2016	5	9	0710		F3E						ASIAN	QG62an	WIA	VK4TJ		
29195,0	6	2016	5	2	0450		A3E						ASIAN	QG62an	WIA	VK4TJ		
29200,0	8	2016	5	3	0355		F3E						ASIAN	QG62an	WIA	VK4TJ		
29212,5	8	2016	5	2	0450		F3E						ASIAN	QG62an	WIA	VK4TJ		
29225,0	8	2016	5	9	0820		F3E						ASIAN	QG62an	WIA	VK4TJ		
29275,0	8	2016	5	2	0450		F3E						ASIAN	QG62an	WIA	VK4TJ		
29300,0	8	2016	5	2	0450		F3E						ASIAN	QG62an	WIA	VK4TJ		
29312,5	8	2016	5	9	0715		F3E						ASIAN	QG62an	WIA	VK4TJ		
29325,0	8	2016	5	9	0725		F3E						ASIAN	QG62an	WIA	VK4TJ		
29350,0	8	2016	5	9	0725		F3E						ASIAN	QG62an	WIA	VK4TJ		
29362,5	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29400,0	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29412,5	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29425,0	8	2016	5	2	0505		F3E						ASIAN	QG62an	WIA	VK4TJ		
29437,5	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29450,0	8	2016	5	2	0505		F3E						ASIAN	QG62an	WIA	VK4TJ		
29462,5	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29475,0	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29500,0	8	2016	5	2	0505		F3E						ASIAN	QG62an	WIA	VK4TJ		
29525,0	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29550,0	8	2016	5	9	0715		F3E						ASIAN	QG62an	WIA	VK4TJ		
29562,5	8	2016	5	9	0715		F3E						ASIAN	QG62an	WIA	VK4TJ		
29575,0	8	2016	5	2	0455		F3E						ASIAN	QG62an	WIA	VK4TJ		
29612,5	8	2016	5	2	0500		F3E						ASIAN	QG62an	WIA	VK4TJ		
29625,0	8	2016	5	2	0500		F3E						ASIAN	QG62an	WIA	VK4TJ		

29650,0	8	2016	5	2	0500		F3E						ASIAN	QG62an	WIA	VK4TJ		
29662,5	8	2016	5	2	0500		F3E						ASIAN	QG62an	WIA	VK4TJ		
29675,0	8	2016	5	9	0720		F3E						ASIAN	QG62an	WIA	VK4TJ		
29700,0	8	2016	5	9	0720		F3E						ASIAN	QG62an	WIA	VK4TJ		

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