



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



June 2016

Titon Dutono, YB3PET

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

This month there were 3 observations from ARSI, 286 observations from JARL, 64 observations from NZART, and 306 observations from WIA. By this month sampling, there were total 659 observations of intruders made across the Region.

The most prominent intruders are as in the 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
		G7D	CHN	1 Sec pulses with data 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

There is a note from WIA regarding an intruder in 20m band: “The intruder operating on 14201.5 kHz Shanghai China in contravention of ITU Footnote 152 has been reported to the Australian Regulator requesting removal”

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: 3 observations

KHz	BW KHz.	YYYY	MM	DD	UTC	EMM	ADM	ID	DESCRIPTION.	GRID	SOCIETY	EQUIPMENT	ANTENNA
14314	5	2016	6	22	<1335-1340>	J3E/U	CLN	UNID	QSO between 2 OM in Sinhala; Signal Strength S9	NL06	ARSI	IC-70	Vertical with ATU
14014		2016	6	16	<0120-0140.	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;
21022		2016	6	25	<0950-1010>	J3E/U	CLN	UNID	SRI LANKAN FISHERMEN IN QSO IN SINHALA; QRM IS UNDERSTOOD	MK82	ARSI	FT757GX	INV.VEE; VERT;

JARL: 286 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
3512		2016	06	02	10:58	Jamming							PM84XT	JARL
3521	0.5	2016	06	01	12:23	A1A						"... 3075/X2T21/IC4L6 AR ..."	PM84XT	JARL
3523	0.5	2016	06	20	#REF!	A1A						Unknown random signal	PM84XT	JARL
3525	0.5	2016	06	02	11:00	A1A						train of "QK4S"	PM84XT	JARL
3525	0.5	2016	06	18	#REF!	A1A						train of "QK4S"	PM84XT	JARL
3525	0.5	2016	06	28	#REF!	A1A						train of "QK4S"	PM84XT	JARL
3526	0.5	2016	06	14	12:56	A1A						train of "QKVS"	PM84XT	JARL
3539	0.5	2016	06	14	12:30	A1A						Random of"VVV PZS ..."	PM84XT	JARL
3539	0.5	2016	06	14	12:30	A1A						Random of"VVV PDS ..."	PM84XT	JARL
3539	0.5	2016	06	14	12:30	A1A						Random of"TSQ ..."	PM84XT	JARL
3539	0.5	2016	06	30	11:30-11;42	A1A						VVV Z12Z12Z12 DE 7H87H8~	PM84XT	JARL
3540	0.5	2016	06	30	11:00-11;01	A1A						train of "V" RST599	PM84XT	JARL
3540	0.5	2016	06	30	#REF!	J3E						No Call sign	PM84XT	JARL
7039	0.5	2016	06	01	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	01	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	02	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	02	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	03	1118	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	03	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	03	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	03	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	04	1116	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	04	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	04	1618	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	04	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	05	1004	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	05	1106	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	05	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	05	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	05	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	06	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	06	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2016	06	06	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	06	1840	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	07	1118	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	07	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	07	1608	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	07	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	08	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	08	1604	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	08	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	09	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	09	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	09	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	09	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	10	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	10	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	10	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	11	1120	A1A			non	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	11	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	11	1604	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	11	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	12	1130	A1A			15	RUS	non	Beacon	PM 97	JARL
7039	0.5	2016	06	12	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	12	1630	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	13	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	13	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	13	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	13	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	1208	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	1610	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	1612	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	1820	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	1822	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	15	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	15	1620	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	15	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	16	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	16	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	16	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	16	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	17	1129	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	17	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	17	1614	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	17	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	18	1116	A1A			321	RUS	F--signal	Beacon	PM 97	JARL

7039	0.5	2016	06	18	1118	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	18	1206	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	18	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	18	1604	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	18	1810	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1002	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1004	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1104	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1106	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1202	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1610	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1612	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	19	1830	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	20	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	20	1604	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	20	1820	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	3	2016	06	21	1200	A3E			non	CHN	non	Chaineese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7039	0.5	2016	06	21	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	21	1206	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	21	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	21	1610	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	21	1612	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	21	1820	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	21	1822	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	22	1206	A1A			341	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	22	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	22	1610	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	22	1612	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	22	1820	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	22	1822	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1206	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1604	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1606	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1608	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1812	A1A			341	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1814	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	23	1816	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	24	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	24	1206	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	24	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	24	1610	A1A			341	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	24	1612	A1A			37	RUS	K--signal	Beacon	PM 97	JARL

7039	0.5	2016	06	24	1820	A1A			341	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	24	1822	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	25	1202	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	25	1204	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	25	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	25	1730	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	25	1732	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	25	1734	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	26	1410	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	26	1412	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	27	1204	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	27	1206	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	27	1720	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	27	1722	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	28	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	28	1206	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	28	1742	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	28	1744	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	29	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	29	1206	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	29	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	29	1730	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	29	1732	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	29	1736	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	30	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	30	1206	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	30	1208	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	30	1750	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	30	1752	A1A			37	RUS	K--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	30	1756	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2016	06	14	12:48	Jamming						train of "K"	PM84XT	JARL
7039	0.5	2016	06	18	#REF!	A1A						train of "F"	PM84XT	JARL
7039	0.5	2016	06	20	#REF!	A1A						train of "F"	PM84XT	JARL
7040	0.5	2016	06	05	12:51	A1A						train of "M"	PM84XT	JARL
7040	0.5	2016	06	07	12:30	A1A						train of "M"	PM84XT	JARL
7040	0.5	2016	06	25	#REF!	A1A				2016 Late Jun		train of "F"	PM84XT	JARL
7040	0.5	2016	06	25	#REF!	A1A						train of "K"	PM84XT	JARL
7040	0.5	2016	06	25	#REF!	A1A						A series of carriers	PM84XT	JARL
7077		2016	06	05	11:30	Jamming							PM84XT	JARL
7120	3	2016	06	07	1130	PXX			non	non	non	unkown	PM 97	JARL
7120		2016	06	05	21:29	Jamming							PM84XT	JARL
7120		2016	06	07	12:45								PM84XT	JARL
7140	3	2016	06	02	1156	F1B			non	non	non	unkown now on air	PM 97	JARL
7170		2016	06	07	12:47								PM84XT	JARL
7175	3	2016	06	07	1134	PXX			non	non	non	unkown	PM 97	JARL

7178	3	2016	06	12	1120	JM			non	non	non	unkown	PM 97	JARL
7200	5	2016	06	01	1120	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	06	01	1122	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	01	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	06	02	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	02	1202	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	03	1112	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	06	03	1114	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	06	03	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	06	04	1112	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	3	2016	06	04	1114	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	04	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	3	2016	06	04	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	5	2016	06	05	1000	A3E			non	CHN	non	Chainese talk and music Time signal 0+1	PM 97	JARL
7200	4	2016	06	05	1000	A3E			non	CHN	non	Chainese talk and music Time signal 3+1 2 sec late	PM 97	JARL
7200	5	2016	06	05	1100	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	05	1100	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	06	05	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 after QRT	PM 97	JARL
7200	4	2016	06	05	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	5	2016	06	06	1112	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	06	06	1114	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	06	06	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	06	07	1112	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	4	2016	06	07	1114	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	07	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	07	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	06	07	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	06	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	4	2016	06	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	3	2016	06	08	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL
7200	5	2016	06	09	1114	A3E			non	CHN	non	Beacon	PM 97	JARL
7200	4	2016	06	09	1116	A3E			non	CHN	non	Chainese talk and music	PM 97	JARL
7200	5	2016	06	09	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1	PM 97	JARL
7200	4	2016	06	09	1200	A3E			non	CHN	non	Chainese talk and music Time signal 3+1	PM 97	JARL
7200	3	2016	06	09	1200	A3E			non	CHN	non	Chainese talk and music Time signal 5+1 2 sec late	PM 97	JARL

7200	5	2016	06	10	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	10	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	10	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	11	1112	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	11	1114	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	06	11	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	11	1200	A3E			non	CHN	non	Chainese talk nad music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	11	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	12	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 0+1	PM 97	JARL
7200	4	2016	06	12	1000	A3E			non	CHN	non	Chainese talk and music late	Time signal 3+1 2 sec	PM 97	JARL
7200	5	2016	06	12	1100	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	4	2016	06	12	1100	A3E			non	CHN	non	Chainese talk and music	Time siganl 3+1	PM 97	JARL
7200	5	2016	06	12	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	12	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	12	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	13	1112	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	06	13	1114	A3E			non	CHN	M--signal	Chainese talk and music		PM 97	JARL
7200	5	2016	06	13	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	13	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	13	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	14	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	14	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	06	14	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	15	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	15	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	15	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	16	1112	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	06	16	1114	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	06	16	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	16	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	16	1200	A3E			non	CHN	non	Chainees talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	17	1112	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	06	17	1114	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	06	17	1200	A3E			non	CHN	M--signal	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	17	1200	A3E			non	CHN	M--signal	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	17	1200	A3E			non	CHN	M--signal	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	18	1112	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	4	2016	06	18	1114	A3E			non	CHN	non	Chainese talk and music		PM 97	JARL
7200	5	2016	06	18	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL

7200	4	2016	06	18	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	18	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	19	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 1+1	PM 97	JARL
7200	3	2016	06	19	1000	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	06	19	1100	A3E			non	CHN	non	Chainese talk and music	Time signa 5+1	PM 97	JARL
7200	4	2016	06	19	1100	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	19	1100	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	19	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	06	19	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	3	2016	06	19	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	20	1200	A3E			non	CHN	M--signal	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	4	2016	06	20	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	3	2016	06	20	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	21	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	21	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	06	22	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	22	1200	A3E			non	CHN	M--signal	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	22	1200	A3E			non	CHN	M--signal	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	0.5	2016	06	22	1204	A1A			37	RUS	K--signal	Beacon		PM 97	JARL
7200	5	2016	06	23	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	23	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	23	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	24	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	24	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	24	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	25	1200	A3E			non	CHN	non	Chainese talk and music	no Time signal	PM 97	JARL
7200	4	2016	06	25	1200	A3E			non	CHN	non	Chainese talk and music	no Time signal	PM 97	JARL
7200	3	2016	06	25	1200	A3E			non	CHN	non	Chainese talk and music	no Time signal	PM 97	JARL
7200	5	2016	06	27	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	27	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	3	2016	06	27	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	28	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	28	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	06	28	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	29	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	29	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL
7200	5	2016	06	29	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
7200	5	2016	06	30	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 5+1	PM 97	JARL
7200	4	2016	06	30	1200	A3E			non	CHN	non	Chainese talk and music	Time signal 3+1	PM 97	JARL

7200	3	2016	06	30	1200	A3E			non	CHN	non	Chainese talk and music late	Time signal 5+1 2 sec	PM 97	JARL
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NZART: 64 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
3611		2016	06	26	<0745>	0745	J3E/U				IND	Unid	Non Amateurs Suspect Indonesian - S9+ local two involved	RF80JI	ZL2DW
3611		2016	06	27	<0800>	0800-1000	J3E/U				IND	Unid	Non Amateurs Suspect Indonesian - S9+ local two involved	RF80JI	ZL2DW
3835	80	2016	06	18	<0925>	0925	PXX				?	Unid	OTHR 55 pps Strong signal	RF73JD	ZL1DRB
3842	80	2016	06	02	<1730>	1750-2130	PXX				?	Unid	OTHR 47 pps continuous	RF73JD	ZL1DRB
7000		2016	06	DY	HX+HH4:H47	HX+HH4:H47	J3E/L				?	Unid	Non-Hams, mainly Spanish & Indonesian Languages - when OTHR is not on.	RF72LQ	ZL1BAD
7038.7		2016	06	DY	HX24	HX24	A1A				RUS	D	CW Beacon D, Sevastopol RCV	RF72LQ	ZL1BAD
7038.8		2016	06	DY	HX24	HX24	A1A				RUS	P	CW Beacon Kalingrad RMP	RF72LQ	ZL1BAD
7038.9		2016	06	DY	HX24	HX24	A1A				RUS	S	CW Beacon S, Sevromorsk RIT	RF72LQ	ZL1BAD
7039.2		2016	06	DY	HX24	HX24	A1A				RUS	F	CW Beacon F, Vladvostok RIS	RF72LQ	ZL1BAD
7039.3		2016	06	25	<1100>	1100	A1A				RUS	K	CW Beacon K, Petropavlovsk-Kamchatsky	RF73JD	ZL1DRB
7039.4		2016	06	DY	HX24	HX24	A1A				RUS	M	CW Beacon M, Magadan RTS	RF72LQ	ZL1BAD
10148	50	2016	06	20	<1829>	1829-1832	PXX				?	Unid	OTHR jamming 10138.7 JT9 floating bouy S4 Estimated to be 18 pps	RF73HM	ZL3CX
14050	10	2016	06	05	<0436>	0436	PXX				?	Unid	OTHR 82 pps 6 seconds long S6	RF73MF	ZL1GWE
14082.5	3	2016	06	07	<1055<	1055	G7D				RUS	Unid	Military Russian Stanag 4285 12 channel with guard band	RF73JD	ZL1DRB
14061.5	5	2016	06	05	<0436>	0436	PXX				?	Unid	OTHR HFSWR 15 pps S2 2 second bursts	RF73MF	ZL1GWE
14107.5	11	2016	06	05	<0436>	0436	PXX				?	Unid	OTHR 82 pps 6 seconds long S5	RF73MF	ZL1GWE
14129	10	2016	06	05	<0444>	0444	PXX				?	Unid	OTHR S6 82 pps 6 second bursts	RF73MF	ZL1GWE
14140	150	2016	06	29	<0025>	0025	PXX				?	Unid	OTHR Every 1 min.. For 1 min.	RF72LQ	ZL1BAD
14223	10	2016	06	25	<2030>	2030	PXX				?	Unid	OTHR continuous	RF72LQ	ZL1BAD
14259.5	9	2016	06	20	<0612>	0612	PXX				?	Unid	OTHR 3.9 second bursts 67 pps S6	RF73MF	ZL1GWE
14288	10	2016	06	17	<0150>	0150	PXX				?	Unid	OTHR variable speed but no less than 30 secs.	RF72LQ	ZL1BAD
			06											RF72LQ	ZL1BAD
			06											RF72LQ	ZL1BAD
			06											RF72LQ	ZL1BAD
21000		2016	06	DY	HX	HX	G7DE/F				?	Unid	1, 6, & 8 PSK	RF72LQ	ZL1BAD
21120	20	2016	06	04	<0440>	0440>	PXX				?	Unid	CONTINUOS	RF72LQ	ZL1BAD
14300	10	2016	06	26	<2255>	2255	PXX				?	Unid	OTHR every 1 MIN, 50 PPS	RF72LQ	ZL1BAD
14325	10	2016	06	26	<2255>	2255	PXX				?	Unid	OTHR every 1 min. 50 PPS	RF72LQ	ZL1BAD
18080		2016	06	23	<0547>	0547	G7DF				?	Unid	HF Man Pack 8-PSK S4	RF73MF	ZL1GWE

18088	10	2016	06	28	<0030>	0030	PXX				?	Unid	OTHR variable , every 1 min.	RF72LQ	ZL1BAD
18097	158	2016	06	23	<0630>	0630	PXX				?	Unid	OTHR S5 20 second bursts long gaps inbetween	RF73MF	ZL1GWE
18173*	164	2016	06	23	<0626>	0626	PXX				?	Unid	OTHR 50 pps 20 second burst wide bandwidth	RF73MF	ZL1GWE
21010	20	2016	06	24	<0438>	0438-0447	PXX			330	?	Unid	OTHR 10 pp 20 kHz bandwidth nice and clean S8 long introduction for 24 seconds	RF73MF	ZL1GWE
21018		2106	06	06	<0128>	0128	G7DF				?	Unid	HF Man 8-PSK S4	RF73MF	ZL1GWE
21057		2016	06	06	<0128>	<0128	G7DF				?	Unid	HF Man Pack 8-PSK S3	RF73MF	ZL1GWE
21089	10	2016	06	10	<0140>	0140	PXX				?	Unid	OTHR every 1 min,	RF72LQ	ZL1BAD
21105	10	2016	06	28	<0622>	0622	PXX				?	Unid	OTHR 66pps S5 10 kHz wide four second bursts	RF73MF	ZL1GWE
21166	92	2016	06	28	<0342>	0342	PXX				?	Unid	OTHR 11 pps 18 second long bursts S2 HFSWE	Rf73MF	ZL1GWE
21180	50	2016	06	24	<2245>	2245-2359	PXX				?	Unid	OTHR continuous	RF72LQ	ZL1BAD
21200	10	2016	06	08	<0405>	0405	PXX				?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL1BAD
21206.5	12	2016	06	28	<0350>	0350	PXX				?	Unid	OTHR 12 pps S2	RF73MF	ZL1GWE
21215	10	2016	06	08	<0405>	0405	PXX				?	Unid	OTHR every 1 min. for 3 secs.	RF72LQ	ZL1BAD
21224.5	157	2016	06	28	<0416>	0416-0423	PXX				?	Unid	OTHR 12 pps S2 50 second long bursts	RF73MF	ZL1GWE
21225	10	2016	06	24	<0210>	0210	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21234	10	2016	06	19	<2350>	2350	PXX				?	Unid	OTHR for 3 secs, variable timing every1 min.	RF72LQ	ZL1BAD
21236	10	2016	06	30	<2322>	2322	PXX				?	Unid	OTHR every 40 secs.	RF72LQ	ZL1BAD
21245	10	2016	06	24	<0210>	0210	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21247.5	11	2016	06	05	<0121>	0121	PXX				?	Unid	OTHR S4 51 pps 4.9 second bursts	RF73MF	ZL1GWE
21265	10	2016	06	10	<0140>	0140	PXX				?	Unid	OTHR Variable for 5 secs.	RF72LQ	ZL1BAD
21271.5	10	2016	06	19	<0700>	0700	PXX				?	Unid	OTHR 47 pps two second bursts with centre pip S5 88 second gap between bursts	RF73MF	ZL1GWE
21276.5	94	2016	06	28	<0343>	0343	PXX				?	Unid	OTHR 58 second long bursts S3 12 pps HFSWR	RF73MF	ZL1GWE
21300	50	2016	06	26	<2250>	2250	PXX				?	Unid	OTHR CONTINUOS	RF72LQ	ZL1BAD
21308	10	2016	06	28	<0340>	0340	PXX				?	Unid	OTHR 8 pps S2 39 seconds long and 52 second gaps	Rf73MF	ZL1GWE
21280	10	2016	06	06	<0200>	0200	PXX				?	Unid	OTHR CONTINUOS	RF72LQ	ZL1BAD
21288	10	2016	06	06	<0605>	0605	PXX				?	Unid	OTHR every 1 min.	RF72LQ	ZL1BAD
21288	10	2016	06	08	<2328>	2328	PXX				?	Unid	OTHR ever y 1 min,, for 3 secs.	RF72LQ	ZL1BAD

21288	10	2016	06	08	<0405>	0405	PXX				?	Unid	OTHR every 1 min. for 5 secs	RF72LQ	ZL1BAD
21288	10	2016	06	17	<0150>	0150	PXX				?	Unid	OTHR for 3 secs every 30 secs.	RF72LQ	ZL1BAD
21349	20	2016	06	24	<0514>	0514-0727	PXX				CYP	Unid	OTHR Cyprus 50 pps S8 continous fading out to S2 by 0727z	RF73MF	ZL1GWE
21350.5	132	2016	06	19	<0646>	0646	PXX				?	Unid	OTHR varies between 12 pps and 18 pps 22 second and 15 second bursts varying frequencies S3	RF73MF	ZL1GWE
21352		2016	06	23	<0553>	0553	G7DF				?	Unid	HF Man Pack 8-PSK S3	Rf73MF	ZL1GWE
21417	10	2016	06	13	<0155>	0155	PXX				?	Unid	OTHR every 30 secs	RF72LQ	ZL1BAD
28949		2016	06	06	<0450>	0450	A3E				CHN	Unid	Non Amateur S2 fighting it out with OTHR Iranian - they are losing	RF73MF	ZL1GWE
28959	44	2016	06	06	<0450>	0450	PXX				IRN	Unid	OTHR Iranian 7 and 9.5 second bursts S2 153 and 314 pps bursts increased to S4	RF73MF	ZL1GWE

WIA: 306 observation

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3520.0	1	2016	6	2	1820		F1B						IDLING	QG62an	WIA	VK4TJ
3524.0	1	2016	6	2	1820		F1B						IDLING	QG62an	WIA	VK4TJ
3524.0		2016	6	2	1905		A1A					QK4S	BEACONING	QG62an	WIA	VK4TJ
3527.0		2016	6	2	1820		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3533.0	3	2016	6	2	1820		J3E/U						JAPANESE	QG62an	WIA	VK4TJ
3541.0	1	2016	6	2	1905		F1B						IDLING	QG62an	WIA	VK4TJ
3550.0	50	2016	6	29	1010		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3553.0	3	2016	6	17	1930		J3E/L						RUSSIAN MUSIC	QG62an	WIA	VK4TJ
3554.0	5	2016	6	2	1825		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3572.0	1	2016	6	2	1825		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
3575.0	3	2016	6	17	1930		J1C						FAX	QG62an	WIA	VK4TJ
3580.0	2	2016	6	24	0745		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3580.0	5	2016	6	2	1825		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3585.0	3	2016	6	2	1825		J1C				KOR	HLL2	FAX	QG62an	WIA	VK4TJ
3591.0	3	2016	6	17	1930		G1D						WITH A1A DITS	QG62an	WIA	VK4TJ
3601.0	5	2016	6	17	1935		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3608.0	1	2016	6	14	2150		F1B	50	200				CONTINUOUS	QG62an	WIA	VK4TJ
3611.1	3	2016	6	22	0810		J3E/U						CHINESE	QG62an	WIA	VK4TJ
3622.5	3	2016	6	2	1825		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3632.0	3	2016	6	17	1940		G1D						RHYTHMIC PULSES	QG62an	WIA	VK4TJ
3640.0	3	2016	6	17	1935		J3E/U						CHINESE	QG62an	WIA	VK4TJ
3642.0		2016	6	2	1825		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3645.0	1	2016	6	2	1825		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3650.0	50	2016	6	26	1000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3650.0	2	2016	6	5	0950		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ

3666.0		2016	6	2	1910		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3672.5		2016	6	17	1935		N0N							QG62an	WIA	VK4TJ
3675.0	50	2016	6	20	1905		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3691.5		2016	6	2	1830		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3692.5		2016	6	2	1910		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3694.5		2016	6	2	1830		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3777.0	3	2016	6	2	1910		J3E/U						RUSSIAN, SERIOUS HUM	QG62an	WIA	VK4TJ
3781.0	5	2016	6	2	1830		G1D						RHYTHMIC PULSES	QG62an	WIA	VK4TJ
3791.0	5	2016	6	2	1830		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3793.0	5	2016	6	2	1915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
3798.0	1	2016	6	2	1835		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
6950.0	150	2016	6	1	2110		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7000.0	3	2016	6	1	0840		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2016	6	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005.0	3	2016	6	1	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7008.0	1	2016	6	22	2050		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7010.0	3	2016	6	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010.0	3	2016	6	2	0825		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7012.0	1	2016	6	25	2105		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7012.0	5	2016	6	3	1010		G7D						FOLLOWED BY J3E/L IN CHINESE	QG62an	WIA	VK4TJ
7014.0	3	2016	6	25	2105		J3E/L						FOLLOWS G7D ON 7012	QG62an	WIA	VK4TJ
7014.0	3	2016	6	25	2115		J3E/U						SOUNDS AFRICAN	QG62an	WIA	VK4TJ
7015.0	3	2016	6	1	0910		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2016	6	29	0945		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015.0	3	2016	6	25	2115		G7D						BURSTS	QG62an	WIA	VK4TJ
7015.0	2	2016	6	25	2115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7016.0	1	2016	6	1	2110		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7016.8	3	2016	6	8	0850		J3E/U				INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7017.0	1	2016	6	25	2120		A2A					SAHUR	MODULATION IS CARRIER LEAKAGE	QG62an	WIA	VK4TJ
7020.0	10	2016	6	29	2125		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
7020.0	3	2016	6	8	0850		J3E/L						ASIAN MUSIC, LIKELY BAHASA	QG62an	WIA	VK4TJ
7020.0	3	2016	6	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	3	2016	6	1	0845		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020.0	1	2016	6	3	2120		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7021.0	1	2016	6	28	2105		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7025.0	2	2016	6	7	0935		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7025.0	3	2016	6	8	1020		J3E/L				INS		MUSIC, BAHASA	QG62an	WIA	VK4TJ
7025.0	3	2016	6	2	0850		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025.0	2	2016	6	25	0910		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7027.5		2016	6	1	2100		A1A					V	DAILY, BEACON	QG62an	WIA	VK4TJ
7030.0	2	2016	6	3	0815		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7030.0	3	2016	6	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ

7031.0	5	2016	6	22	1010		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7035.0	2	2016	6	8	0715		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7035.0	3	2016	6	1	0845		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7035.0	3	2016	6	1	0845		J3E/U				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7036.0	3	2016	6	6	0915		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7039.3	1	2016	6	22	0815		A1A				RUS	K	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7039.3		2016	6	17	1950		A1A				RUS	F	DAILY, BEACON	QG62an	WIA	VK4TJ
7039.4	1	2016	6	1	0845		A2A				RUS	M	DAILY, BEACON, MODULATION IS HUM	QG62an	WIA	VK4TJ
7040.0	3	2016	6	9	0850		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7050.0	3	2016	6	7	0920		J3E/L				INS		BAHASA MUSIC	QG62an	WIA	VK4TJ
7050.0	3	2016	6	21	1950		J3E/L						RUSSIAN MARSHALL MUSIC	QG62an	WIA	VK4TJ
7050.0	40	2016	6	2	1840		VXX						CODAR	QG62an	WIA	VK4TJ
7051.0	1	2016	6	3	0835		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7055.0	3	2016	6	25	2120		J3E/L						RUSSIAN MARSHALL MUSIC	QG62an	WIA	VK4TJ
7062.0	1	2016	6	5	0915		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7065.0	8	2016	6	22	2055		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
7065.0		2016	6	8	0835		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7067.0	1	2016	6	2	1840		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7068.0	1	2016	6	11	0840		F1B						DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
7068.0		2016	6	2	1840		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7070.0	2	2016	6	11	0840		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7076.0	1	2016	6	22	2055		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7090.0	5	2016	6	1	2115		G1D						BURSTS	QG62an	WIA	VK4TJ
7100.0	40	2016	6	15	0930		VXX						CODAR	QG62an	WIA	VK4TJ
7100.0		2016	6	25	2120		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7101.0	3	2016	6	27	0905		G7D						BURSTS	QG62an	WIA	VK4TJ
7103.0	1	2016	6	2	1845		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7104.0		2016	6	7	0920		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7105.0	1	2016	6	1	2115		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7105.0	2	2016	6	28	2115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7108.0	5	2016	6	28	2110		G7D						BURSTS	QG62an	WIA	VK4TJ
7111.0	1	2016	6	2	0905		F1B						BURSTS	QG62an	WIA	VK4TJ
7114.0	1	2016	6	1	2115		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7118.0	3	2016	6	2	0905		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7118.0	5	2016	6	22	0820		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7119.0		2016	6	8	2135		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7119.0	5	2016	6	7	0915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7120.0	3	2016	6	22	0820		J3E/U						TAGALOG OR BAHASA	QG62an	WIA	VK4TJ

7120.0		2016	6	11	0955		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7120.0	1	2016	6	11	0950		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7120.0	8	2016	6	2	1815		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7122.0	1	2016	6	2	1835		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7122.0	1	2016	6	3	0950		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7122.0		2016	6	11	2115		A1A				RUS	V	HARBOUR BEACON	QG62an	WIA	VK4TJ
7123.0	5	2016	6	20	1920		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7123.0		2016	6	6	2045		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7125.0	1	2016	6	14	2100		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7135.0	3	2016	6	11	0820		J3E/L				INS		VILLAGE RADIO	QG62an	WIA	VK4TJ
7135.0	3	2016	6	11	0820		J3E/L						NEIL DIAMOND MUSIC	QG62an	WIA	VK4TJ
7144.0	1	2016	6	1	2115		F1B						DAILY, BURSTS	QG62an	WIA	VK4TJ
7145.0	2	2016	6	2	1835		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7146.0		2016	6	10	2125		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7150.0		2016	6	6	2050		N0N							QG62an	WIA	VK4TJ
7158.0	5	2016	6	5	0915		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7160.0	30	2016	6	6	2050		VXX						CODAR	QG62an	WIA	VK4TJ
7161.0	3	2016	6	27	2120		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7162.0	1	2016	6	2	1835		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7171.1	3	2016	6	22	0820		J3E/U						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ
7172.0	5	2016	6	7	0915		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7173.0	3	2016	6	14	1000		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7174.0	1	2016	6	1	2115		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7175.0	20	2016	6	1	1000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7175.5	3	2016	6	3	2125		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7176.0	3	2016	6	11	0810		J3E/U						CHINESE, READING LIST (TWICE)	QG62an	WIA	VK4TJ
7176.0	1	2016	6	28	2045		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
7177.0	3	2016	6	21	1955		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7180.0	5	2016	6	6	2050		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7180.0	3	2016	6	6	2050		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7181.5		2016	6	25	2125		N0N							QG62an	WIA	VK4TJ
7185.0	5	2016	6	27	2120		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
7187.6	3	2016	6	5	0920		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7191.0	3	2016	6	1	0855		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7193.4	3	2016	6	1	0855		J3E/U						DAILY, ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
7197.0	3	2016	6	27	0900		J1C							QG62an	WIA	VK4TJ
7200.0	8	2016	6	1	1000		A3E						DAILY, SW BROADCAST, (2 STATIONS) CHINESE LANGUAGE	QG62an	WIA	VK4TJ
7200.0	3	2016	6	2	0905		J3E/U						ASIAN	QG62an	WIA	VK4TJ

7223.7	3	2016	6	22	0825		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7232.0		2016	6	1	2115		A1A				ISR	4XZ	VVV	QG62an	WIA	VK4TJ
7340.0	50	2016	6	17	1955		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
10100.0	8	2016	6	2	0910		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ
10106.0	1	2016	6	6	0905		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
10110.0	2	2016	6	25	2130		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10130.0	2	2016	6	20	0940		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10135.0	10	2016	6	7	2115		P0N						OTHER, BURSTS	QG62an	WIA	VK4TJ
10140.0	20	2016	6	21	0200		VXX						CODAR	QG62an	WIA	VK4TJ
10150.0	100	2016	6	6	2050		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
13930.0	160	2016	6	22	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
13998.1	3	2016	6	23	0745		J3E/U						CHINESE, READING LIST (TWICE)	QG62an	WIA	VK4TJ
14000.0	2	2016	6	1	0115		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14000.0		2016	6	13	2255		N0N							QG62an	WIA	VK4TJ
14000.0	3	2016	6	8	2225		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14001.0	3	2016	6	2	2310		G7D						BURSTS	QG62an	WIA	VK4TJ
14004.8	3	2016	6	13	0750		J3E/U						SPANISH OR PORTUGUESE	QG62an	WIA	VK4TJ
14007.0	5	2016	6	16	2150		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14008.0	1	2016	6	6	0350		F1B		250				DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
14010.0	3	2016	6	13	2255		J3E/L				INS		BAHASA	QG62an	WIA	VK4TJ
14011.1	3	2016	6	22	0640		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14012.3	3	2016	6	14	2135		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14020.0	2	2016	6	27	0615		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14021.0	5	2016	6	3	0700		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14024.0	3	2016	6	3	0705		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14025.0	3	2016	6	13	0055		J3E/L						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14025.0	2	2016	6	1	0455		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14026.0	3	2016	6	9	2215		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14030.0	2	2016	6	1	2120		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14035.0	2	2016	6	20	0525		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14036.0	3	2016	6	2	2255		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040.1	3	2016	6	3	2300		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
14040.4	3	2016	6	3	2330		J3E/L						DAILY, ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14042.0	1	2016	6	2	0640		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14043.8	3	2016	6	8	2225		J3E/L						DAILY, ASIAN	QG62an	WIA	VK4TJ
14045.0	1	2016	6	3	2300		F1B						BURSTS	QG62an	WIA	VK4TJ
14047.9	3	2016	6	4	0845		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14048.0	3	2016	6	4	2120		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14049.9	3	2016	6	6	2320		J3E/U						SPANISH SPEAKERS	QG62an	WIA	VK4TJ
14050.0	3	2016	6	7	2300		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14050.0	10	2016	6	5	0510		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14050.0	160	2016	6	20	0745		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14050.0	1	2016	6	2	0215		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14050.0	1	2016	6	2	0510		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14050.0	2	2016	6	9	0615		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14050.0	3	2016	6	13	2250		J3E/L						2ND HARMONIC OF INDONESIAN INTRUDERS	QG62an	WIA	VK4TJ
14050.6	3	2016	6	3	0710		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14051.0	1	2016	6	10	2140		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14052.2	3	2016	6	20	0645		J3E/U						ASIAN SOUNDS CHINESE	QG62an	WIA	VK4TJ
14055.0	1	2016	6	27	0135		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14055.0	10	2016	6	28	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14060.0	2	2016	6	1	2130		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14061.2	3	2016	6	4	0645		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14062.0	1	2016	6	1	2145		F1B						SELCALL TONES – ALL DAY, EVERY DAY	QG62an	WIA	VK4TJ
14065.0	160	2016	6	23	0145		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14065.0	10	2016	6	23	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14065.0	2	2016	6	1	0510		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14067.1	3	2016	6	1	0115		J3E/U						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14070.0	130	2016	6	22	0300		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
14072.1	3	2016	6	7	2245		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14081.8	3	2016	6	13	2255		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14085.0	10	2016	6	15	0555		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14086.0	3	2016	6	2	2300		J3E/U						ASIAN, BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
14095.0	10	2016	6	15	0555		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14100.0		2016	6	14	0555		N0N						INTERFERES WITH NCDXF BEACONS	QG62an	WIA	VK4TJ
14100.0	5	2016	6	13	0755		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14100.0	3	2016	6	1	0115		J3E/U						ASIAN, SOUNDS CHINESE, DISTORTED	QG62an	WIA	VK4TJ
14100.0	160	2016	6	16	2350		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14101.0	5	2016	6	14	0750		G7D							QG62an	WIA	VK4TJ
14108.0		2016	6	13	0750		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14112.0	3	2016	6	1	0115		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14115.0	10	2016	6	15	0555		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14116.0		2016	6	14	0930		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14120.0	40	2016	6	16	2355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14127.0	1	2016	6	16	2355		F1B	HIGH					BURSTS	QG62an	WIA	VK4TJ
14129.1	3	2016	6	3	0715		J3E/U						CHINESE, READING LIST TWICE	QG62an	WIA	VK4TJ
14137.0	3	2016	6	14	0935		J3E/L						ASIAN, SOUNDS HINDI	QG62an	WIA	VK4TJ
14151.5	3	2016	6	13	2300		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14166.6	3	2016	6	1	2210		J3E/L						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14170.0	2	2016	6	18	0140		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14175.0	170	2016	6	28	0015		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ

14175.0	15	2016	6	18	0210		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14193.0	3	2016	6	2	2315		J3E/U						TAGALOG SPEAKERS, RUNNING PHONE PATCHES	QG62an	WIA	VK4TJ
14201.1	5	2016	6	2	2305		G7D				CHN		1 Sec pulses with data bursts	QG62an	WIA	VK4TJ
14201.5	5	2016	6	16	0600 - 1000		G7D				CHN		1 Sec pulses with data bursts	QF22md	WIA	VK3MV
14201.5	5	2016	6	29	H24		G7D				CHN		1 Sec pulses with data bursts	QF22md	WIA	VK3MV
14201.5	5	2016	6	10	H24		G7D			N	CHN		1 Sec pulses with data bursts	PH57	WIA	VK8BN
14201.5	5	2016	6	30	H24		G7D			N	CHN		1 Sec pulses with data bursts	PH57	WIA	VK8BN
14214.0		2016	6	22	0640		A1A				CHN		MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14220.0	10	2016	6	30	1010		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14221.0	1	2016	6	1	0120		F1B						CONTINUOUS	QG62an	WIA	VK4TJ
14224.0	3	2016	6	8	2230		J3E/U						ASIAN, SOUNDS CHINESE, READING LIST (TWICE)	QG62an	WIA	VK4TJ
14265.0	15	2016	6	3	2335		P0N						OTHR SLOW PULSE RATE	QG62an	WIA	VK4TJ
14270.0	10	2016	6	30	1010		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14288.8	3	2016	6	2	2315		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14295.0	8	2016	6	1	0125		A3E				TJK		3RD HARMONIC, RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14301.5	5	2016	6	1	2215		G7D						DAILY	QG62an	WIA	VK4TJ
14305.7	3	2016	6	14	0935		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14310.0	50	2016	6	18	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14313.2	3	2016	6	13	2300		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14320.0	20	2016	6	13	0800		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14321.0	3	2016	6	3	2340		J3E/L						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
14325.0	10	2016	6	24	0955		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
14337.0	3	2016	6	1	2215		J3E/L						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14340.0	5	2016	6	28	0725		G7D						DOZENS OF SUBCARRIERS ON CLOSE-SPACED INTERVALS	QG62an	WIA	VK4TJ
14350.0	20	2016	6	13	0800		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
18060.0	50	2016	6	5	0715		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18065.0	10	2016	6	26	0130		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
18074.0	3	2016	6	3	2340		J3E/U						DAILY, ASIAN, SOUNDS VIETNAMESE	QG62an	WIA	VK4TJ
18082.8	3	2016	6	3	2325		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
18084.0		2016	6	17	0935		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
18089.0	3	2016	6	3	2345		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
18090.0	20	2016	6	18	0845		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
18108.0	1	2016	6	1	0110		F1B						DAILY, SELCALL TONES	QG62an	WIA	VK4TJ
18110.0	3	2016	6	22	0655		J3E/U						ASIAN	QG62an	WIA	VK4TJ
18110.0	2	2016	6	28	0135		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
18165.0	2	2016	6	27	0200		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
18190.0	160	2016	6	22	0655		P0N						OTHR, LONG BURSTS	QG62an	WIA	VK4TJ
21000.0	3	2016	6	24	0540		J3E/U						DAILY, ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ

21050.4	3	2016	6	9	0230		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21055.0	2	2016	6	1	0100		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21105.0	12	2016	6	28	0630		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21110.0	100	2016	6	14	0530		P0N						BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21113.0	1	2016	6	1	2235		F1B	50	200		RUS	REA4	DAILY, CONTINUOUS	QG62an	WIA	VK4TJ
21155.0	160	2016	6	14	0530		P0N						BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21160.0	2	2016	6	1	0105		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21165.0	2	2016	6	19	0655		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21190.0	2	2016	6	1	0105		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21205.0	10	2016	6	1	0205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21205.0	15	2016	6	13	0425		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21210.0	20	2016	6	17	0300		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21210.0	20	2016	6	4	0025		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21225.0	20	2016	6	1	0105		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21235.8	3	2016	6	1	0105		J3E/U						CHINESE, NO CALLS – EVER	QG62an	WIA	VK4TJ
21245.0	20	2016	6	1	0200		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21250.0	10	2016	6	1	0200		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21265.0	20	2016	6	14	0540		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21270.0	10	2016	6	19	0700		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21270.0	20	2016	6	1	0210		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21280.0	40	2016	6	28	0240		VXX						CODAR-LIKE SWEEPS	QG62an	WIA	VK4TJ
21280.0	10	2016	6	3	2350		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21290.0	10	2016	6	13	2310		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295.0	10	2016	6	1	0225		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21295.0	10	2016	6	7	0200		P0N						OTHR, BURSTS, WITH BEEP TONE	QG62an	WIA	VK4TJ
21300.0	1	2016	6	1	0205		F1B						BURSTS	QG62an	WIA	VK4TJ
21350.0	20	2016	6	24	0800		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
21355.0	40	2016	6	24	0525		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
21358.0	3	2016	6	29	0135		J3E/U						ASIAN. NO CALLS, EVER.	QG62an	WIA	VK4TJ
21360.0	20	2016	6	17	0405		P0N						OTHR, BURSTS, NO BEEP TONE	QG62an	WIA	VK4TJ
21366.0	3	2016	6	29	0135		J3E/L						ASIAN. NO CALLS, EVER.	QG62an	WIA	VK4TJ
21500.0	170	2016	6	7	0200		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
24887.5	8	2016	6	23	0720		F3E						ASIAN	QG62an	WIA	VK4TJ
24935.0	6	2016	6	1	0015		A3E						ASIAN	QG62an	WIA	VK4TJ
24955.0	6	2016	6	1	0010		A3E						ASIAN	QG62an	WIA	VK4TJ
24990.0	170	2016	6	1	0010		P0N						OTHR, SLOW PULSE RATE	QG62an	WIA	VK4TJ
28025.0	8	2016	6	23	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
28115.0	6	2016	6	23	0650		A3E						ASIAN	QG62an	WIA	VK4TJ
28225.0	8	2016	6	23	0650		F3E						ASIAN	QG62an	WIA	VK4TJ
28275.0	8	2016	6	23	0655		F3E						ASIAN	QG62an	WIA	VK4TJ
28285.0	6	2016	6	23	0655		A3E						ASIAN	QG62an	WIA	VK4TJ

28305.0	6	2016	6	23	0655		A3E						ASIAN	QG62an	WIA	VK4TJ
28450.0	8	2016	6	23	0700		F3E						ASIAN	QG62an	WIA	VK4TJ
28950.0	8	2016	6	6	0630		F3E						ASIAN	QG62an	WIA	VK4TJ
28960.0	200	2016	6	6	0450		P0N				IRN		OTHR	QG62an	WIA	VK4TJ

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