



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



May 2017

Titon Dutono, YB3PET

Reports for May 2017 were received from the JARL and WIA

For period of 2017 May there were 134 observations from JARL, and also there were 465 observations from WIA. By this month sampling, there were total 599 observations of intruders made across the Region.

The most prominent intruders are as in the following table,

No.	Band	Class Emission	Administration	Description
1.	80m	A1A	UNKNOWN	DITS - JAMMING SIGNAL
2.	40m	A1A	RUS	BEACON
		PXX	UNID	OTHR
		A1A	UNID	DITS - JAMMING SIGNAL
		J3E	INS	INDONESIAN LANGUAGE
		A1A	UNID	DITS - JAMMING SIGNAL
		VXX	UNID	CODAR
		PON	UNID	OTHR, BURSTS
3.	20m	PON	UNID	OTHR, BURST
4.	17m	VXX	UNID	PRECURSOR TO OTHR
5.	15m	PON	UNID	OTHR, BURST
6.	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

JARL: 134 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
3496.0	0.5	2017	05	12	11:34	A1A						train of "I"	PM84XT	JARL
3500.0	0.5	2017	05	12	11:35	A1A						train of "I"	PM84XT	JARL
3506.0	0.5	2017	05	12	11:36	A1A						train of "I"	PM84XT	JARL
3512.0	0.5	2017	05	12	11:37	A1A						train of "I"	PM84XT	JARL
3533.0	0.5	2017	05	16	12:11	A1A						Signal of rhythm	PM84XT	JARL
3533.0	0.5	2017	05	23	12:27	A1A						Signal of rhythm	PM84XT	JARL
3558.0	30.0	2017	05	16	12:10	Jamming						Signal RS:59	PM84XT	JARL
3565.0	3.0	2017	05	30	12:30	J3E/L						Language:Japanese "Hallo Test" No Call sign	PM84XT	JARL
7039	0.5	2017	05	01	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	01	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	01	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	01	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	01	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	02	1130	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	02	1210	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	02	1302	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	02	1410	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	06	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	06	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	06	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	06	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	06	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1120	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1124	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1314	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	07	1412	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	08	1120	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	08	1210	A1A			321	RUS	F--signal	Beacon	PM 97	JARL

7039	0.5	2017	05	08	1304	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	08	1410	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	10	1120	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	10	1210	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	10	1304	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	10	1410	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	10	1502	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	11	1122	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	11	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	11	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	11	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	11	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	13	1130	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	13	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	13	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	13	1404	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	13	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	14	1100	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	14	1200	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	14	1310	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	14	1404	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	14	1510	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	16	1124	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	16	1202	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	16	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	16	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	16	1502	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	16	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	17	1130	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	17	1204	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	17	1310	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	17	1410	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	17	1504	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	17	1602	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	18	1130	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	18	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	18	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2017	05	18	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	18	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	18	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	18	1720	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	19	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	19	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	19	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	19	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	19	1610	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	20	1130	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	20	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	20	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	20	1406	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	20	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	20	1612	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	21	1030	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	21	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	21	1204	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	21	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	21	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	21	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	23	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	23	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	23	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	23	1502	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	24	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	24	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	24	1404	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	24	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	25	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	25	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	25	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	25	1406	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	25	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	26	1100	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	26	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	26	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL

7039	0.5	2017	05	26	1420	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	26	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	27	1100	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	27	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	27	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	27	1402	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	27	1510	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	28	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	28	1312	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	28	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	28	1504	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	29	1056	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	29	1200	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	29	1304	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	29	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	30	1100	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	30	1210	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	30	1306	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	30	1410	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1040	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1044	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1110	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1114	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1202	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1206	A1A			321	RUS	F--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1310	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7039	0.5	2017	05	31	1420	A1A			15	RUS	M--signal	Beacon	PM 97	JARL
7070	2	2017	05	30	1110	PXX			non	non	non	dot palse only PXX	PM 97	JARL

WIA: 465 observations

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500,0		2017	5	27	1915		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3500,3		2017	5	16	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3501,0	3	2017	5	10	1945		J3E/U						ASIAN	QG62an	WIA	VK4TJ
3502,0		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ

3502,5		2017	5	16	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3504,2		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3505,0		2017	5	16	1940		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3506,2		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3508,5		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3510,7		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3513,3		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3515,8		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3517,0	5	2017	5	27	1920		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3518,2		2017	5	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3524,0	3	2017	5	9	1025		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3526,0	3	2017	5	16	1910		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3527,0	1	2017	5	9	2000		F1B		250				DAILY, IDLING	QG62an	WIA	VK4TJ
3530,0	2	2017	5	20	2105		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3532,0	3	2017	5	27	1930		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3540,0	60	2017	5	17	1950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3550,0	50	2017	5	13	0940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3558,0	1	2017	5	19	2050		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3571,0	1	2017	5	10	1950		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3574,0	3	2017	5	10	1950		J1C						DAILY, FAX	QG62an	WIA	VK4TJ
3575,0		2017	5	10	1950		A1A						MIXED NUMBER/LETTER CIPHER, CHIRPY	QG62an	WIA	VK4TJ
3576,0		2017	5	10	1950		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3578,0	1	2017	5	17	1950		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3585,0	3	2017	5	1	0930		J1C				KOR	HLL2	DAILY, FAX	QG62an	WIA	VK4TJ
3586,0	1	2017	5	20	2110		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3592,0		2017	5	10	1950		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3597,0	1	2017	5	15	0910		F1B		250				BURSTS	QG62an	WIA	VK4TJ
3597,0	3	2017	5	10	1950		J1C						DAILY, FAX	QG62an	WIA	VK4TJ
3602,0	1	2017	5	10	1955		F1B		250				BURSTS	QG62an	WIA	VK4TJ
3620,0	60	2017	5	13	0940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3622,5	3	2017	5	1	0930		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3642,0		2017	5	9	2010		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3650,0	2	2017	5	9	1020		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
3656,0		2017	5	27	1935		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3677,0		2017	5	27	1935		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3777,0		2017	5	2	1925		A1A					RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3783,5		2017	5	10	2000		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3789,0	5	2017	5	9	2010		G7D						BURSTS	QG62an	WIA	VK4TJ
3790,5		2017	5	8	2015		A1A						MIXED NUMBER/LETTER CIPHER, DAILY	QG62an	WIA	VK4TJ

3800,0	60	2017	5	1	0930		P0N							OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6970,0	100	2017	5	1	0945		P0N							CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
6999,5	3	2017	5	9	2235		J3E/U							ASIAN MUSIC	QG62an	WIA	VK4TJ
7000,0	3	2017	5	9	0840		J3E/U			INS				BAHASA MUSIC	QG62an	WIA	VK4TJ
7000,0	3	2017	5	1	0815		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2017	5	1	1020		J3E/L			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0	3	2017	5	1	0855		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7007,0	1	2017	5	30	2120		F1B		250					CONTINUOUS	QG62an	WIA	VK4TJ
7008,0	1	2017	5	3	2140		F1B		250					BURSTS	QG62an	WIA	VK4TJ
7010,0	2	2017	5	7	0850		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
7010,0	3	2017	5	1	0815		J3E/L			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7010,0	3	2017	5	1	0815		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7011,0	1	2017	5	1	2120		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
7014,0	1	2017	5	20	2125		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
7015,0	3	2017	5	19	2100		J3E/U			PHL				TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
7015,0	1	2017	5	18	2115		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
7015,0	3	2017	5	1	0855		J3E/L			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2017	5	1	1020		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7018,5		2017	5	2	1955		N0N								QG62an	WIA	VK4TJ
7019,4		2017	5	8	1000		A1A			RUS	D			BEACON	QG62an	WIA	VK4TJ
7020,0	3	2017	5	1	0820		J3E/L			INS				DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7020,0	3	2017	5	1	1020		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7022,0	3	2017	5	1	0950		J3E/U							ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ
7025,0	3	2017	5	1	0955		J3E/L			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2017	5	17	0835		J3E/L			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7027,0	3	2017	5	1	0950		J3E/L			INS				VILLAGE RADIO	QG62an	WIA	VK4TJ
7030,0	40	2017	5	17	2015		VXX							CODAR	QG62an	WIA	VK4TJ
7030,0	5	2017	5	16	0755		G1D							BURSTS	QG62an	WIA	VK4TJ
7030,0	3	2017	5	1	0820		J3E/L			INS				DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7030,0	3	2017	5	1	0820		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7033,0	3	2017	5	2	1925		J3E/U							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7035,0	3	2017	5	1	0820		J3E/L			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,0	3	2017	5	1	0945		J3E/U			INS				DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7037,0	1	2017	5	28	1935		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
7039,3		2017	5	1	0820		A1A			RUS	D			DAILY, BEACON	QG62an	WIA	VK4TJ
7039,4		2017	5	1	0820		A1A			RUS	M			DAILY, BEACON	QG62an	WIA	VK4TJ
7040,0	3	2017	5	2	2125		J3E/U							ASIAN	QG62an	WIA	VK4TJ
7046,0	1	2017	5	2	2125		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
7050,0	20	2017	5	18	2005		P0N							BURSTS	QG62an	WIA	VK4TJ
7050,0	2	2017	5	2	1930		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ

7050,0	3	2017	5	1	0825		J3E/L				INS		SATU DUA	QG62an	WIA	VK4TJ
7050,5	3	2017	5	22	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7055,0	3	2017	5	2	1930		J3E/L				RUS		RUSSIAN MUSIC	QG62an	WIA	VK4TJ
7059,0		2017	5	1	0900		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7064,0		2017	5	6	0925		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
7070,6	3	2017	5	2	1930		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7071,0	1	2017	5	5	2055		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7078,0	5	2017	5	2	1955		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7087,7		2017	5	1	0900		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7098,3		2017	5	1	0825		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7100,0	3	2017	5	8	1010		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7102,0	1	2017	5	13	1025		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7104,0	1	2017	5	8	1010		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7105,0	3	2017	5	9	2230		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7105,0	1	2017	5	1	0905		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7106,9	3	2017	5	9	0725		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7108,0	1	2017	5	1	0905		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7111,0	1	2017	5	2	0950		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7112,0	3	2017	5	17	0905		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7114,0	1	2017	5	1	0905		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7117,9		2017	5	9	0900		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7120,0	2	2017	5	9	0900		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7120,0	8	2017	5	2	1935		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7121,8	3	2017	5	9	0750		J3E/U						ASIAN, BAHASA OR TAGALOG	QG62an	WIA	VK4TJ
7127,0	3	2017	5	18	2155		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7128,0	5	2017	5	23	0755		G1D						BURSTS	QG62an	WIA	VK4TJ
7130,0	40	2017	5	20	2130		VXX						CODAR	QG62an	WIA	VK4TJ
7130,0	2	2017	5	7	0125		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7137,0	1	2017	5	1	2120		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7137,6		2017	5	1	0830		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7141,0	1	2017	5	1	0905		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7144,0	1	2017	5	1	0905		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7145,0	2	2017	5	10	0150		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7146,6	3	2017	5	4	1955		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7149,7	3	2017	5	20	2130		J3E/U						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
7151,0	3	2017	5	5	0850		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7153,2	3	2017	5	9	0900		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7157,3		2017	5	1	0830		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7170,0	2	2017	5	4	1955		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7170,0	40	2017	5	4	1955		VXX						CODAR	QG62an	WIA	VK4TJ

7171,0	3	2017	5	2	1935		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
7172,0		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7173,0	3	2017	5	22	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7177,0	3	2017	5	3	2140		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7177,5	3	2017	5	25	2225		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7179,0	5	2017	5	23	2115		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7180,0		2017	5	25	1010		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7180,0	3	2017	5	1	0905		J3E/U						RUSSIAN SPEAKERS	QG62an	WIA	VK4TJ
7185,0	2	2017	5	9	2340		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7185,0	5	2017	5	4	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7191,0	3	2017	5	12	0540		G7D						ODD RHYTHMIC BUZZING	QG62an	WIA	VK4TJ
7192,0	3	2017	5	9	0900		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7193,4	3	2017	5	1	2125		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7196,0	5	2017	5	1	0910		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7200,0	10	2017	5	31	2125		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
7201,4	3	2017	5	5	2305		J3E/U				PHI		TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
7234,8	3	2017	5	9	0910		J3E/L						ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
7251,1		2017	5	1	0920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7254,4		2017	5	1	0930		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7257,5		2017	5	1	0920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7259,0		2017	5	1	0920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7262,3		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7265,5		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7267,0		2017	5	5	0900		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7268,7		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7270,2		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7273,4		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7276,5		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7278,3		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7280,0		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7281,5		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7283,2		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7284,7		2017	5	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7288,0		2017	5	1	0910		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7289,6		2017	5	1	0910		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7291,1		2017	5	1	0910		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7292,8		2017	5	1	0910		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7295,8		2017	5	1	0925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7296,0		2017	5	5	0900		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ

7297,0	3	2017	5	1	0910		J3E/U						ASIAN FAMILY NET	QG62an	WIA	VK4TJ
7299,0		2017	5	1	0925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
10100,0	10	2017	5	15	0855		A3E			NKR			RADIO PYONGYANG	QG62an	WIA	VK4TJ
10120,0	2	2017	5	15	2130		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10130,0	20	2017	5	10	2020		VXX						CODAR	QG62an	WIA	VK4TJ
14000,0	3	2017	5	4	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14005,7	3	2017	5	7	0820		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14014,0	3	2017	5	8	0205		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14015,0	20	2017	5	18	0840		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14020,0	2	2017	5	26	0605		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14024,0	1	2017	5	25	0730		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14030,0	20	2017	5	14	0425		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14035,0	20	2017	5	29	0720		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14040,0	20	2017	5	30	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14044,5		2017	5	3	0715		A1A				HI4VAN		VVV, CALL NOT ASSIGNED	QG62an	WIA	VK4TJ
14048,0	3	2017	5	2	0015		J3E/U			PHL			DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050,0	20	2017	5	30	0440		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14050,0	3	2017	5	8	2320		J3E/U						RUSSIAN	QG62an	WIA	VK4TJ
14050,5	3	2017	5	25	2235		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14052,0	3	2017	5	15	0750		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14052,5	3	2017	5	18	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14053,0	5	2017	5	8	2310		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14053,0	10	2017	5	30	<0700-0715>		P0N						OHR 66pps 6 sec bursts every 40 secs in tandem with 14163 and 14015	QF22md	WIA	VK3MV
14055,0	2	2017	5	29	0630		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14055,0	20	2017	5	7	0055		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14058,6	3	2017	5	7	2230		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14060,0	20	2017	5	10	2225		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14061,0	3	2017	5	23	2205		J3E/U						ASIAN	A	WIA	VK4TJ
14063,0	10	2017	5	10	<0100-0130>		P0N						OHR 66pps 6 sec bursts every 40 secs in tandem with 14224 and 14342	QF22md	WIA	VK3MV
14064,0	1	2017	5	19	0720		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14065,0	20	2017	5	7	0035		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14066,0	3	2017	5	25	2245		J3E/U			USA			AFRTS NEWS	QG62an	WIA	VK4TJ
14067,0	1	2017	5	25	2245		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14069,5		2017	5	10	2155		A1A				AT8EX		VVV	QG62an	WIA	VK4TJ
14071,0		2017	5	12	0440		A1A						LETTER CIPHER. MANY NON-ENGLISH CHARACTERS	QG62an	WIA	VK4TJ
14100,0	20	2017	5	5	0015		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14101,0	3	2017	5	21	2340		J3E/U						ASIAN, NOT CHINESE	QG62an	WIA	VK4TJ

14111,0	2	2017	5	7	2245		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14114,0	3	2017	5	10	0610		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14116,0	1	2017	5	19	0725		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
14125,0	10	2017	5	30	0140		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14128,0	5	2017	5	16	0435		G7D						BURSTS	QG62an	WIA	VK4TJ
14130,0	20	2017	5	16	0440		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14135,0	20	2017	5	30	0440		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14140,0	20	2017	5	16	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14141,5	3	2017	5	1	0650		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14145,0	20	2017	5	30	0610		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14150,0	20	2017	5	30	0610		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14165,0	20	2017	5	7	0055		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14175,0	20	2017	5	11	2245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14175,0	2	2017	5	5	0800		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14180,0	20	2017	5	30	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14185,0	20	2017	5	19	0725		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14190,0	20	2017	5	23	2205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14200,0	20	2017	5	14	0915		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14201,5	3	2017	5	7	2235		G7D						+ F1B + A1A (DITS)	QG62an	WIA	VK4TJ
14215,0	20	2017	5	17	2255		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14221,0	1	2017	5	19	0740		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14221,0	1	2017	5	13	0525		F1B		250				CONTINUOUS, IDLING	QG62an	WIA	VK4TJ
14224,0	10	2017	5	10	<0100-0140>		P0N						OHR 66pps 6 sec bursts every 40 seconds in tandem with 14063 and 14342	QF22md	WIA	VK3MV
14230,0	20	2017	5	19	0630		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14233,6	3	2017	5	1	0655		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
14234,0	10	2017	5	30	<0715-0800>		P0N						OHR 66pps 6 wsec bursts every 40 secs in tandem wth 14254	QF22md	WIA	VK3MV
14244,0	5	2017	5	10	0835		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
14245,0	20	2017	5	1	0345		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14248,0	5	2017	5	6	0630		G1D						BURSTS	QG62an	WIA	VK4TJ
14255,0	20	2017	5	13	2235		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14260,0	20	2017	5	5	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14265,0	20	2017	5	13	2230		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14270,0	20	2017	5	14	0425		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14285,0	20	2017	5	1	0625		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14295,0	9	2017	5	8	0315		A3E				TJK		RADIO TADJIKISTAN 3RD HARMONIC	QG62an	WIA	VK4TJ
14295,0	20	2017	5	14	0840		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14300,0	20	2017	5	11	2245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14305,0	1	2017	5	1	0645		F1B		250				BURSTS	QG62an	WIA	VK4TJ
14305,0	1	2017	5	1	0645		F1B						SELCALL TONES	QG62an	WIA	VK4TJ

14305,0	20	2017	5	1	0645		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14308,6	3	2017	5	14	0900		J3E/U							ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14310,0	20	2017	5	18	2235		P0N							BURSTS	QG62an	WIA	VK4TJ
14312,0	3	2017	5	11	2245		J3E/U							ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14315,0	20	2017	5	18	2235		P0N							BURSTS	QG62an	WIA	VK4TJ
14317,3	3	2017	5	7	0820		J3E/U							ASIAN	QG62an	WIA	VK4TJ
14320,0	20	2017	5	18	2240		P0N							BURSTS	QG62an	WIA	VK4TJ
14321,0	3	2017	5	20	0000		J3E/U							ASIAN	QG62an	WIA	VK4TJ
14321,8	3	2017	5	11	2250		J3E/U							ASIAN. NO CALLS – EVER	QG62an	WIA	VK4TJ
14325,0	20	2017	5	7	0600		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14330,0	20	2017	5	16	2125		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14340,0	20	2017	5	21	0615		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14340,0		2017	5	1	0705		A1A							LETTER CIPHER	QG62an	WIA	VK4TJ
14343,0	10	2017	5	10	<0100-0130>		P0N							OHR 66pps 6 sec bursts every 40 seconds in tandem with 14224 and 14063	QF22md	WIA	VK3MV
14345,0	20	2017	5	19	0630		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
14347,0	10	2017	5	9	<0630-0640>		P0N							OHR 66pps 6 sec bursts every 40 secs	QF22md	WIA	VK3MV
14349,0	3	2017	5	4	0840		J3E/U							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14350,0	20	2017	5	7	0605		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
18060,0	40	2017	5	6	0650		P0N							CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18066,5	3	2017	5	2	0855		J3E/U							ASIAN	QG62an	WIA	VK4TJ
18074,0	3	2017	5	6	2240		J3E/U							ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18075,0	40	2017	5	8	0535		P0N							CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18077,0	3	2017	5	2	0050		J3E/U							ASIAN	QG62an	WIA	VK4TJ
18085,0	2	2017	5	31	0210		G7DF							MANPACK RADIO	QG62an	WIA	VK4TJ
18088,0	10	2017	5	30	0325		VXX							PRECURSOR TO OTHR	QG62an	WIA	VK4TJ
18090,0	3	2017	5	31	0225		J3E/U							ASIAN	QG62an	WIA	VK4TJ
18100,0	3	2017	5	31	0635		J3E/U							ASIAN	QG62an	WIA	VK4TJ
18101,0	1	2017	5	31	0635		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
18106,0	1	2017	5	2	0855		F1B							SELCALL TONES	QG62an	WIA	VK4TJ
18111,0	3	2017	5	1	0705		J3E/U							ASIAN. SOUNDS CHINESE	QG62an	WIA	VK4TJ
18115,5	3	2017	5	1	0705		J3E/U							ASIAN. NOT CHINESE	QG62an	WIA	VK4TJ
18131,0	1	2017	5	24	0010		G1D							RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
20999,3	3	2017	5	24	0225		J3E/U							ASIAN	QG62an	WIA	VK4TJ
21000,0	3	2017	5	2	0100		J3E/U							ASIAN	QG62an	WIA	VK4TJ
21009,0	3	2017	5	7	0455		J3E/U							ASIAN	QG62an	WIA	VK4TJ
21065,0	20	2017	5	8	0445		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
21075,0	20	2017	5	22	0500		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
21080,0	20	2017	5	22	0610		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ
21105,0	20	2017	5	8	0540		P0N							OTHR, BURSTS	QG62an	WIA	VK4TJ

21111,1	3	2017	5	11	0055		J3E/L						ASAIN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
21120,0	9	2017	5	1	0040		J3E/L			INS			3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21160,0	20	2017	5	24	0755		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21175,0	20	2017	5	7	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21195,0	20	2017	5	21	0455		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21200,0	20	2017	5	8	0715		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21205,0	20	2017	5	28	0655		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21210,0	20	2017	5	24	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21213,5	3	2017	5	22	0025		J3E/U						ASIAN – NO CALLS, EVER	QG62an	WIA	VK4TJ
21225,0	2	2017	5	30	0505		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21245,0	20	2017	5	8	0435		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21250,0	20	2017	5	24	0230		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21255,0	20	2017	5	26	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21260,0	20	2017	5	12	0240		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21275,0	20	2017	5	15	0520		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21280,0	20	2017	5	2	0835		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21285,0	20	2017	5	27	0810		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21290,0	20	2017	5	6	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21295,0	20	2017	5	28	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21300,0	20	2017	5	26	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21305,0	20	2017	5	22	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21310,0	20	2017	5	24	2330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21315,0	30	2017	5	28	0730		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21315,0	20	2017	5	8	0715		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21320,0	20	2017	5	15	0515		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21325,0	50	2017	5	25	0515		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21325,0	20	2017	5	2	0105		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21330,0	30	2017	5	2	0820		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21335,0	20	2017	5	16	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21340,0	20	2017	5	12	0110		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21343,5	3	2017	5	27	0115		J3E/L						ASIAN	QG62an	WIA	VK4TJ
21345,0	20	2017	5	6	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21350,0	20	2017	5	27	0115		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21355,0	20	2017	5	22	0455		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21360,0	20	2017	5	2	0105		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21365,0	20	2017	5	27	0125		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21370,0	20	2017	5	16	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21375,0	20	2017	5	8	0715		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21380,0	20	2017	5	8	0535		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21385,0	20	2017	5	16	0555		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21390,0	2	2017	5	25	0515		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
21390,0	20	2017	5	12	0110		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21395,0	20	2017	5	8	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21400,0	20	2017	5	3	2335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21405,0	20	2017	5	2	0115		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21410,0	20	2017	5	16	0400		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21415,0	15	2017	5	8	2335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21420,0	20	2017	5	8	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21425,0	20	2017	5	15	0525		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21430,0	20	2017	5	2	0115		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21435,0	20	2017	5	20	0250		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21440,0	20	2017	5	8	0710		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21445,0	15	2017	5	1	0810		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21450,0	20	2017	5	8	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21455,0	20	2017	5	15	0515		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
24925,0	8	2017	5	28	0605		F3E						ASIAN	QG62an	WIA	VK4TJ
24950,0	8	2017	5	2	0635		F3E						ASIAN	QG62an	WIA	VK4TJ
24965,0	6	2017	5	28	0610		A3E						ASIAN	QG62an	WIA	VK4TJ
24975,0	6	2017	5	28	0610		A3E						ASIAN	QG62an	WIA	VK4TJ
28000,0	8	2017	5	20	0610		F3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2017	5	28	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28005,0	6	2017	5	28	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2017	5	28	0605		A3E						ASIAN	QG62an	WIA	VK4TJ
28025,0	8	2017	5	1	0050		F3E						ASIAN	QG62an	WIA	VK4TJ
28035,0	6	2017	5	28	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28045,0	6	2017	5	28	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28055,0	6	2017	5	1	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2017	5	28	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	6	2017	5	28	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28105,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28135,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28137,5	8	2017	5	28	2325		F3E						ASIAN	QG62an	WIA	VK4TJ
28145,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28155,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28165,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ
28185,0	6	2017	5	28	0350		A3E						ASIAN	QG62an	WIA	VK4TJ

28195,0	6	2017	5	1	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28205,0	6	2017	5	1	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2017	5	29	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28215,0	6	2017	5	1	0055		A3E						ASIAN	QG62an	WIA	VK4TJ
28225,0	8	2017	5	1	0055		F3E						ASIAN	QG62an	WIA	VK4TJ
28235,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2017	5	28	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28245,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28250,0	8	2017	5	29	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28255,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28262,5	8	2017	5	29	0030		F3E						ASIAN	QG62an	WIA	VK4TJ
28265,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2017	5	1	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
28285,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28295,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28300,0	8	2017	5	1	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
28305,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28315,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28325,0	6	2017	5	28	0355		A3E						ASIAN	QG62an	WIA	VK4TJ
28335,0	6	2017	5	1	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28345,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28355,0	6	2017	5	1	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28362,5	8	2017	5	28	2325		F3E						ASIAN	QG62an	WIA	VK4TJ
28365,0	6	2017	5	1	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28375,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28385,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28405,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28415,0	6	2017	5	1	0120		A3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2017	5	1	0100		F3E						ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2017	5	1	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28450,0	8	2017	5	28	0400		F3E						ASIAN	QG62an	WIA	VK4TJ
28455,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28465,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28475,0	8	2017	5	28	0400		F3E						ASIAN	QG62an	WIA	VK4TJ
28485,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28505,0	6	2017	5	28	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28515,0	6	2017	5	28	0405		A3E						ASIAN	QG62an	WIA	VK4TJ
28525,0	8	2017	5	28	0405		F3E						ASIAN	QG62an	WIA	VK4TJ
28535,0	6	2017	5	1	0100		A3E						ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2017	5	28	0405		A3E						ASIAN	QG62an	WIA	VK4TJ

28565,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28575,0	8	2017	5	28	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
28585,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28605,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28615,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28625,0	8	2017	5	28	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
28635,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28645,0	2	2017	5	28	0600		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
28645,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28655,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28665,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28675,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28685,0	6	2017	5	1	0105		A3E						ASIAN	QG62an	WIA	VK4TJ
28695,0	6	2017	5	28	0410		A3E						ASIAN	QG62an	WIA	VK4TJ
28700,0	8	2017	5	28	0410		F3E						ASIAN	QG62an	WIA	VK4TJ
28705,0	6	2017	5	28	0415		A3E						ASIAN	QG62an	WIA	VK4TJ
28715,0	6	2017	5	28	0415		A3E						ASIAN	QG62an	WIA	VK4TJ
28725,0	6	2017	5	28	0415		A3E						ASIAN	QG62an	WIA	VK4TJ
28735,0	6	2017	5	28	0415		A3E						ASIAN	QG62an	WIA	VK4TJ
28745,0	6	2017	5	28	0415		A3E						ASIAN	QG62an	WIA	VK4TJ
28755,0	6	2017	5	28	0415		A3E						ASIAN	QG62an	WIA	VK4TJ
28775,0	8	2017	5	28	0420		F3E						ASIAN	QG62an	WIA	VK4TJ
28787,5	8	2017	5	3	0430		F3E						ASIAN	QG62an	WIA	VK4TJ
28795,0	6	2017	5	28	0420		A3E						ASIAN	QG62an	WIA	VK4TJ
28800,0	8	2017	5	28	0420		F3E						ASIAN	QG62an	WIA	VK4TJ
28825,0	8	2017	5	28	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
28862,5	8	2017	5	28	0425		F3E						ASIAN	QG62an	WIA	VK4TJ
28912,5	8	2017	5	28	0430		F3E						ASIAN	QG62an	WIA	VK4TJ
28925,0	8	2017	5	28	0545		F3E						ASIAN	QG62an	WIA	VK4TJ
28965,0	100	2017	5	28	0430		P0N			IRN			OTHR	QG62an	WIA	VK4TJ
28975,0	8	2017	5	28	0430		F3E						ASIAN	QG62an	WIA	VK4TJ
29000,0	8	2017	5	28	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
29012,5	8	2017	5	28	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
29025,0	8	2017	5	28	0540		F3E						ASIAN	QG62an	WIA	VK4TJ
29075,0	8	2017	5	28	0530		F3E						ASIAN	QG62an	WIA	VK4TJ
29100,0	2	2017	5	28	0435		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
29125,0	8	2017	5	28	0525		F3E						ASIAN	QG62an	WIA	VK4TJ
29162,5	8	2017	5	28	0520		F3E						ASIAN	QG62an	WIA	VK4TJ
29175,0	8	2017	5	28	0520		F3E						ASIAN	QG62an	WIA	VK4TJ

29200,0	8	2017	5	28	0520		F3E						ASIAN	QG62an	WIA	VK4TJ
29240,0	2	2017	5	28	0515		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
29300,0	8	2017	5	28	0435		F3E						ASIAN	QG62an	WIA	VK4TJ
29312,5	8	2017	5	29	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
29325,0	8	2017	5	28	0435		F3E						ASIAN	QG62an	WIA	VK4TJ
29337,5	8	2017	5	28	0510		F3E						ASIAN	QG62an	WIA	VK4TJ
29350,0	8	2017	5	28	0505		F3E						ASIAN	QG62an	WIA	VK4TJ
29362,5	8	2017	5	29	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
29375,0	8	2017	5	29	0015		F3E						ASIAN	QG62an	WIA	VK4TJ
29400,0	8	2017	5	28	0505		F3E						ASIAN	QG62an	WIA	VK4TJ
29412,5	8	2017	5	29	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
29425,0	8	2017	5	28	0500		F3E						ASIAN	QG62an	WIA	VK4TJ
29437,5	8	2017	5	28	0500		F3E						ASIAN	QG62an	WIA	VK4TJ
29450,0	8	2017	5	29	0010		F3E						ASIAN	QG62an	WIA	VK4TJ
29475,0	8	2017	5	28	0435		F3E						ASIAN	QG62an	WIA	VK4TJ
29487,5	8	2017	5	29	0005		F3E						ASIAN	QG62an	WIA	VK4TJ
29500,0	8	2017	5	29	0000		F3E						ASIAN	QG62an	WIA	VK4TJ
29512,5	8	2017	5	28	0455		F3E						ASIAN	QG62an	WIA	VK4TJ
29550,0	8	2017	5	28	0450		F3E						ASIAN	QG62an	WIA	VK4TJ
29562,5	8	2017	5	28	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
29575,0	8	2017	5	28	0450		F3E						ASIAN	QG62an	WIA	VK4TJ
29600,0	8	2017	5	28	0450		F3E						ASIAN	QG62an	WIA	VK4TJ
29612,5	8	2017	5	28	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
29625,0	8	2017	5	28	2350		F3E						ASIAN	QG62an	WIA	VK4TJ
29650,0	8	2017	5	28	2340		F3E						ASIAN	QG62an	WIA	VK4TJ
29662,5	8	2017	5	28	0440		F3E						ASIAN	QG62an	WIA	VK4TJ
29687,5	8	2017	5	28	2335		F3E						ASIAN	QG62an	WIA	VK4TJ
29700,0	8	2017	5	28	2335		F3E						ASIAN	QG62an	WIA	VK4TJ

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