



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



June 2017

Titon Dutono, YB3PET

Reports for June 2017 were received from the JARL and WIA

For period of 2017 June there were 114 observations from JARL, and also there were 409 observations from WIA. By this month sampling, there were total 523 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
		PON	UNKNOWN	OTHR-CONTINUOUS
2.	40m	AIA	RUS	BEACON
		PXX	UNID	OTHR
		A1A	UNID	DITS –JAMMING SIGNAL
		J3E	INS	INDONESIAN LANGUAGE
		A1A	UNID	DITS – JAMMING SIGNAL
		VXX	UNID	CODAR
		FIB	UNID	BURSTS
3.	20m	PON	UNID	OTHR, BURST
		J3E	UNID	ASIAN
4.	17m	PON	UNID	OTHR BURST
		F1B	UNID	BEACONING
5.	15m	PON	UNID	OTHR, BURST
		J3E	INS	3RD HARMONIC OF YB INTRUDER
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: 114 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
7039	0.5	2017	06	02	1040	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	02	1110	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	02	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	02	1304	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	02	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	03	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	03	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	03	1420	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	03	1510	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1100	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1104	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1200	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1204	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1310	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1314	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1404	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	04	1412	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL

7039	0.5	2017	06	05	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	05	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	05	1420	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	06	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	06	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	06	1404	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	06	1510	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	07	1200	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	07	1204	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	07	1304	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	07	1306	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	07	1400	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	07	1404	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	08	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	08	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	08	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	08	1502	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	09	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	09	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL

7039	0.5	2017	06	09	1402	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	09	1510	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	09	1604	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	10	1204	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	10	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	10	1404	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	10	1510	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	10	1620	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	11	1100	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	11	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	11	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	11	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	11	1504	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	13	1100	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	13	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	13	1302	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	13	1402	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	14	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	14	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL

7039	0.5	2017	06	14	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	14	1502	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	14	1610	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1130	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1134	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1200	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1204	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1310	A1A			321	RUS	F-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1314	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	15	1420	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	18	1140	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	18	1320	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	18	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	19	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	19	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	19	1404	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	20	1100	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	20	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	20	1300	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL

7039	0.5	2017	06	20	1400	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	20	1520	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7070	2	2017	06	21	1120	PXX			non	non	non	dot palse only PXX	PM 97	JARL
7039	0.5	2017	06	21	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	21	1306	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	21	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	22	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	22	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	22	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	24	1200	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	24	1320	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	24	1410	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	26	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	26	1320	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	26	1440	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	27	1130	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	27	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	27	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	27	1406	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL

7039	0.5	2017	06	29	1140	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	29	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	29	1310	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	29	1406	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	29	1510	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7070	2	2017	06	30	1120	PXX			non	non	non	dot palse only PXX	PM 97	JARL
7039	0.5	2017	06	30	1130	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	30	1210	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	30	1314	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	30	1404	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	30	1502	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
7039	0.5	2017	06	30	1620	A1A			15	RUS	M-- signal	Beacon	PM 97	JARL
3533.0	0.5	2017	06	20	12:00	A1A						Signal of rhythm	PM84XT	JARL
7114.0	3.0	2017	06	20	12:05	Jamming						Signal RS:59	PM84XT	JARL
3586.0	3.0	2017	06	20	12:08	J3E/L						Language:Japanese Off Band	PM84XT	JARL
7044.0	0.5	2017	06	27	12:03	A1A						Signal of rhythm	PM84XT	JARL
3520.0	40.0	2017	06	27	12:15	Jamming						Signal RS:59	PM84XT	JARL
3495.0	0.5	2017	06	27	12:30	A1A						train of "I"	PM84XT	JARL
3500.0	0.5	2017	06	27	12:30	A1A						train of "I"	PM84XT	JARL
3512.0	0.5	2017	06	27	12:30	A1A						train of "I"	PM84XT	JARL
7065.0	5.0	2017	06	13	12:40	Jamming						Signal RS:59	PM84XT	JARL

WIA: 409 observations

Freq kHz	BW	YYYY	MM	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society	Notes
3500,0	3	2017	6	7	1925		A1A					R	R, V CHIRP & HUM	QG62an	WIA	VK4TJ
3500,7		2017	6	7	1925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3502,9		2017	6	7	1925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3504,0	1	2017	6	9	1945		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3505,0	3	2017	6	23	1015		J3E/U						JAPANESE FISHBOATS	QG62an	WIA	VK4TJ
3505,3		2017	6	7	1925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3507,7		2017	6	7	1925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3510,1		2017	6	7	1920		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3512,1		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3514,0		2017	6	25	2030		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3514,4		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3516,8		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3519,1		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3521,3		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3522,0	3	2017	6	12	0905		J3E/U				PHL		TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
3524,0	3	2017	6	1	0940		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3524,3		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3525,9		2017	6	9	1950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3526,0	3	2017	6	2	2055		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3527,0	1	2017	6	2	2055		F1B		250				DAILY, IDLING	QG62an	WIA	VK4TJ
3528,2		2017	6	9	1955		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3530,0	50	2017	6	28	1000		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3531,0	5	2017	6	30	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3532,0	3	2017	6	9	1955		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3533,1		2017	6	12	2000		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3535,0	3	2017	6	13	2120		J3E/U						JAPANESE FISHBOATS	QG62an	WIA	VK4TJ
3535,2	3	2017	6	29	0850		J3E/U						ASIAN. SOUNDS CHINESE	QG62an	WIA	VK4TJ
3537,6		2017	6	12	1955		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
3548,8	3	2017	6	21	1940		J3E/U						JAPANESE FISHBOATS	QG62an	WIA	VK4TJ
3550,0	50	2017	6	15	1940		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3553,0	3	2017	6	21	1940		J3E/L						ASIAN MUSIC	QG62an	WIA	VK4TJ
3554,0	5	2017	6	9	1955		G1D						CONTINUOUS	QG62an	WIA	VK4TJ
3560,0	3	2017	6	20	2100		J3E/U				JPN		JAPANESE FISHBOATS	QG62an	WIA	VK4TJ
3568,0		2017	6	7	1930		A1A					NZO6	BEACONING	QG62an	WIA	VK4TJ
3572,0	1	2017	6	13	1935		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
3572,0		2017	6	9	2000		A1A						LETTER CIPHER	QG62an	WIA	VK4TJ
3585,0	3	2017	6	1	0955		J1C				KOR	HLL2	DAILY, FAX	QG62an	WIA	VK4TJ
3588,0		2017	6	26	1940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3594,0	5	2017	6	13	1935		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3594,5	1	2017	6	29	0855		F1B						BURSTS. ENDED TO N0N	QG62an	WIA	VK4TJ

3600,0	5	2017	6	26	1945		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3610,0	5	2017	6	27	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
3619,5	1	2017	6	23	2055		F1B		250				IDLING	QG62an	WIA	VK4TJ
3622,0		2017	6	25	2035		A1A						NUMBER CIPHER	QG62an	WIA	VK4TJ
3622,5	3	2017	6	1	0940		J1C				JPN	JMH	DAILY, FAX	QG62an	WIA	VK4TJ
3630,0	3	2017	6	30	0900		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
3633,0	5	2017	6	27	2000		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3638,0	5	2017	6	14	1910		G1D						BURSTS	QG62an	WIA	VK4TJ
3641,0	1	2017	6	25	2020		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3642,0		2017	6	2	2100		A1A					3A7D	CALLING DKG6	QG62an	WIA	VK4TJ
3648,5	3	2017	6	25	1025		J3E/U				JPN		FISHBOATS	QG62an	WIA	VK4TJ
3650,0	60	2017	6	7	1930		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3651,0	5	2017	6	27	2000		G1D						BROAD PSK	QG62an	WIA	VK4TJ
3660,0	60	2017	6	13	1025		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3664,0	1	2017	6	14	1915		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
3675,0	60	2017	6	3	2055		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3680,0	3	2017	6	22	0825		J3E/U						ASIAN – NO CALLS, EVER	QG62an	WIA	VK4TJ
3680,0	3	2017	6	24	0825		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
3684,0		2017	6	7	1930		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3688,5	3	2017	6	20	2100		J3E/L						AFRICAN MUSIC	QG62an	WIA	VK4TJ
3688,6	3	2017	6	24	0825		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
3697,0	5	2017	6	6	1930		G7D						LONG BURSTS	QG62an	WIA	VK4TJ
3735,0	60	2017	6	21	0950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3777,0		2017	6	6	1930		A1A					RIS9	CALLING M8JF	QG62an	WIA	VK4TJ
3780,0	60	2017	6	9	2005		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3788,5	3	2017	6	13	1025		J3E/U				CHN		CHINES SPEAKERS	QG62an	WIA	VK4TJ
3789,0	5	2017	6	27	2005		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
3789,0	3	2017	6	7	2110		J3E/U				CHN		CHINESE FISHBOATS, DISTORTED	QG62an	WIA	VK4TJ
3790,0	60	2017	6	21	0950		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
3796,0	5	2017	6	10	1925		G1D						BURSTS	QG62an	WIA	VK4TJ
3800,0	5	2017	6	26	1940		G7D						BURSTS, WITH CARRIER TONE	QG62an	WIA	VK4TJ
3800,0		2017	6	5	2105		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
3800,0	60	2017	6	3	2055		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
6970,0	100	2017	6	3	2055		P0N						CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
7000,0	3	2017	6	1	0800		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7001,0	1	2017	6	29	0830		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7005,0	3	2017	6	1	0900		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7005,0		2017	6	30	2000		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7005,0	3	2017	6	1	1000		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7006,0	1	2017	6	29	1935		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7008,0	1	2017	6	9	2150		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7010,0	2	2017	6	13	0000		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7010,0	3	2017	6	2	0830		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ

7010,0	3	2017	6	1	0900		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7014,0	1	2017	6	25	2150		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7014,0	3	2017	6	13	1020		J3E/L						CHINESE. NO CALLS – EVER	QG62an	WIA	VK4TJ
7014,0	3	2017	6	21	2130		J3E/U						CHINESE. NO CALLS – EVER	QG62an	WIA	VK4TJ
7015,0	3	2017	6	1	0820		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7015,0	3	2017	6	12	0855		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7020,0	3	2017	6	1	0820		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7020,0	3	2017	6	5	0910		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7022,0	1	2017	6	13	1940		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7025,0	2	2017	6	8	0125		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7025,0	3	2017	6	2	0845		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7025,0	3	2017	6	1	0940		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7027,5	3	2017	6	13	1020		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7029,0	3	2017	6	25	2155		J3E/L						ASIAN	QG62an	WIA	VK4TJ
7029,6	3	2017	6	2	0845		J3E/U				PHI		TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
7030,0	2	2017	6	23	0210		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7030,0	5	2017	6	2	0845		G1D						BURSTS	QG62an	WIA	VK4TJ
7030,0	3	2017	6	1	0805		J3E/L				INS		DAILY, VILLAGE RADIO, CHANTING	QG62an	WIA	VK4TJ
7030,0	3	2017	6	6	0835		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,0	3	2017	6	1	0805		J3E/L				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7035,0	3	2017	6	2	0850		J3E/U				INS		DAILY, VILLAGE RADIO	QG62an	WIA	VK4TJ
7039,0	3	2017	6	27	2145		J3E/L						ASIAN. NO CALLS, EVER	QG62an	WIA	VK4TJ
7039,3		2017	6	4	0910		A1A				RUS	D	DAILY, BEACON	QG62an	WIA	VK4TJ
7039,4		2017	6	1	0940		A1A				RUS	M	DAILY, BEACON	QG62an	WIA	VK4TJ
7040,0	3	2017	6	4	0910		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7044,0	3	2017	6	4	0910		G1D						SLOW PULSE RATE	QG62an	WIA	VK4TJ
7045,0	2	2017	6	13	0005		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7050,0	40	2017	6	28	0935		VXX						CODAR	QG62an	WIA	VK4TJ
7050,0	50	2017	6	13	1020		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
7055,0	5	2017	6	10	1955		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7055,0	3	2017	6	16	2005		J3E/L				RUS		RUSSIAN MUSIC	QG62an	WIA	VK4TJ
7058,0	3	2017	6	25	2200		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7059,0		2017	6	4	0915		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7063,0	3	2017	6	4	0915		G1D						SLOW PULSE RATE	QG62an	WIA	VK4TJ
7064,0	5	2017	6	13	1000		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7068,0	5	2017	6	6	1920		G7D						BURSTS	QG62an	WIA	VK4TJ
7070,0	2	2017	6	13	0005		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7070,0	3	2017	6	9	0815		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7072,5	3	2017	6	21	2130		J3E/U				CHN		CHINESE FISHBOATS	QG62an	WIA	VK4TJ
7075,0	2	2017	6	13	0310		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7085,0	2	2017	6	22	0810		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ

7090,0	3	2017	6	25	2200		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
7090,0	5	2017	6	14	1950		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7090,0	40	2017	6	13	1000		VXX						CODAR	QG62an	WIA	VK4TJ
7096,0	5	2017	6	27	2150		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7100,0		2017	6	20	2105		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7102,0	1	2017	6	9	0755		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7103,0	1	2017	6	12	0845		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
7104,0		2017	6	2	0900		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7105,0	1	2017	6	3	1010		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7108,0	1	2017	6	1	2150		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7109,0	1	2017	6	6	0925		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7110,0	40	2017	6	27	1000		VXX						CODAR	QG62an	WIA	VK4TJ
7110,0	3	2017	6	25	0605		J3E/U						ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
7110,0		2017	6	12	2005		A1A						MIXED NUMBER/LETTER CIPHER - Many non-english characters	QG62an	WIA	VK4TJ
7111,0		2017	6	28	0940		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7111,0	3	2017	6	30	0840		G7D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7112,0	3	2017	6	6	0925		G1D						RHYTHMIC BURSTS	QG62an	WIA	VK4TJ
7114,0	1	2017	6	1	2150		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7115,0	60	2017	6	13	1945		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
7117,0	1	2017	6	29	2220		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7117,9		2017	6	6	0840		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7118,0	5	2017	6	21	0745		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7120,0	2	2017	6	13	0015		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7120,0	8	2017	6	7	1910		A3E				SOM		RADIO HARGEISA	QG62an	WIA	VK4TJ
7122,0	1	2017	6	7	1905		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7124,2	3	2017	6	21	2135		J3E/U						ASIAN, FISHBOATS	QG62an	WIA	VK4TJ
7125,0	3	2017	6	9	0800		J3E/U				INS		BAHASA – NO CALLS, EVER.	QG62an	WIA	VK4TJ
7128,0	5	2017	6	23	0900		G1D						BURSTS	QG62an	WIA	VK4TJ
7130,0	3	2017	6	27	2150		J3E/U						ASIAN. NO CALLS, EVER	QG62an	WIA	VK4TJ
7131,0	5	2017	6	30	0530		G1D						BURSTS	QG62an	WIA	VK4TJ
7135,0	2	2017	6	12	0500		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7137,6		2017	6	6	0840		A1A				RUS	D	BEACON	QG62an	WIA	VK4TJ
7139,0		2017	6	22	0845		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7140,0	2	2017	6	12	0055		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7140,0	40	2017	6	10	1955		VXX						CODAR	QG62an	WIA	VK4TJ
7141,0	1	2017	6	1	2150		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7142,8	3	2017	6	9	0755		J3E/U						SPANISH SPEAKERS	QG62an	WIA	VK4TJ
7144,0	1	2017	6	2	2105		F1B		250				BURSTS	QG62an	WIA	VK4TJ
7145,0	2	2017	6	9	0320		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7145,9	3	2017	6	21	2135		J3E/U						ASIAN, FISHBOATS, SINGING	QG62an	WIA	VK4TJ
7150,0	10	2017	6	28	0635		A3E				ERI		ASMARA RADIO	QG62an	WIA	VK4TJ

7150,0	2	2017	6	25	0320		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7151,0		2017	6	1	0825		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7155,5	3	2017	6	27	0550		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7160,0	3	2017	6	29	0840		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7161,0	5	2017	6	13	1950		G1D						BROAD PSK	QG62an	WIA	VK4TJ
7162,0	1	2017	6	7	1910		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7163,0	3	2017	6	12	0850		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7167,0	1	2017	6	1	2155		F1B		250				CONTINUOUS	QG62an	WIA	VK4TJ
7170,0	3	2017	6	13	1950		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
7170,0	40	2017	6	6	1905		VXX						CODAR	QG62an	WIA	VK4TJ
7171,7	3	2017	6	1	0825		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
7171,8	3	2017	6	29	1940		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7175,0	50	2017	6	9	2010		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
7176,0	3	2017	6	18	0835		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7177,5	3	2017	6	1	0825		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7179,0	5	2017	6	5	2105		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7181,0	3	2017	6	13	1005		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7184,5		2017	6	21	0905		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
7193,0	3	2017	6	17	2105		J3E/U						DAILY, ASIAN	QG62an	WIA	VK4TJ
7197,0	5	2017	6	7	1910		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
7200,0	10	2017	6	3	2100		A3E						SW BROADCAST	QG62an	WIA	VK4TJ
7202,0	3	2017	6	2	0910		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7205,0	20	2017	6	9	2010		A3E				FRA		RADIO FRANCE INTERNATIONAL SPLATTERING	QG62an	WIA	VK4TJ
7228,8	3	2017	6	15	2000		J3E/U				CHN		CHINESE, SOME SINGING	QG62an	WIA	VK4TJ
7240,3		2017	6	13	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7243,5		2017	6	13	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7246,7		2017	6	13	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7249,8		2017	6	13	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7251,1		2017	6	13	1010		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7254,4		2017	6	13	1005		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7257,5		2017	6	13	1005		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7259,0		2017	6	13	1005		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7262,4		2017	6	1	0950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7264,2		2017	6	20	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7265,6		2017	6	1	0950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7267,1		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7268,8		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7270,4		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7271,9		2017	6	20	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7273,6		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7276,7		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7278,3		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ

7280,0		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7281,3		2017	6	1	0945		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7283,2		2017	6	1	0915		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7284,7		2017	6	1	0950		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7285,0	2	2017	6	12	2355		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
7287,0	5	2017	6	13	0010		G7D						BURSTS, STARTS WITH SINGLE TONE	QG62an	WIA	VK4TJ
7287,0	3	2017	6	2	0905		J3E/U						ASIAN	QG62an	WIA	VK4TJ
7287,6		2017	6	2	0905		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7290,6		2017	6	5	0925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7291,1		2017	6	5	0925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7292,8		2017	6	5	0925		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7295,6		2017	6	5	0930		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
7298,8		2017	6	5	0930		A1A						DITS – JAMMING SIGNAL	QG62an	WIA	VK4TJ
10100,0	10	2017	6	19	0925		A3E				NKR		RADIO PYONGYANG	QG62an	WIA	VK4TJ
10110,0	2	2017	6	18	0810		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
10120,0	20	2017	6	25	2225		VXX						CODAR	QG62an	WIA	VK4TJ
10130,0	20	2017	6	9	0940		VXX						CODAR	QG62an	WIA	VK4TJ
10150,0	20	2017	6	24	2145		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
10150,0	20	2017	6	21	2140		VXX						CODAR	QG62an	WIA	VK4TJ
13999,0	3	2017	6	4	0000		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14000,0		2017	6	29	0730		N0N							QG62an	WIA	VK4TJ
14000,0	20	2017	6	7	0855		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14000,0	3	2017	6	7	0915		J3E/U						ASIAN, FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14001,5	3	2017	6	27	0100		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14005,0	20	2017	6	2	0655		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14008,0	1	2017	6	7	0925		F1B		250				OFF AT 0925	QG62an	WIA	VK4TJ
14010,0	20	2017	6	28	0705		P0N						OTHR, BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14010,0	3	2017	6	26	0830		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14010,0	20	2017	6	2	0640		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14010,0	2	2017	6	26	0835		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14011,0	3	2017	6	14	0705		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14013,2	3	2017	6	19	2215		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14015,3	3	2017	6	19	2355		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14019,0	3	2017	6	28	0630		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14022,0	1	2017	6	19	0550		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14032,0	3	2017	6	14	0705		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14037,0	3	2017	6	29	2230		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040,0	3	2017	6	28	2230		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14040,0	20	2017	6	2	0655		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14044,0	3	2017	6	19	2350		J3E/U						ASIAN, FAMILY NET	QG62an	WIA	VK4TJ

14045,0	1	2017	6	11	0655		F1B		250				SHORT BURSTS	QG62an	WIA	VK4TJ
14045,0	2	2017	6	11	0635		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14048,0	3	2017	6	20	0000		J3E/U				PHL		DAILY, TAGALOG SPEAKERS	QG62an	WIA	VK4TJ
14050,0	3	2017	6	26	2350		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14050,0	2	2017	6	21	2155		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14050,0	20	2017	6	15	2325		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14051,0	3	2017	6	28	0105		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14052,0	5	2017	6	27	0505		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14052,0	3	2017	6	23	2125		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14057,0	3	2017	6	27	0025		J3E/U						ASIAN, ALTERNATES WITH G7D BELOW	QG62an	WIA	VK4TJ
14057,0	5	2017	6	27	0020		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
14057,3	3	2017	6	14	2150		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14060,0	3	2017	6	14	0040		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14070,0	3	2017	6	11	0905		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14070,4	3	2017	6	28	2245		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14080,0	160	2017	6	11	0615		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14100,0	3	2017	6	12	0750		J3E/U						HOLA, HOLA	QG62an	WIA	VK4TJ
14100,0	20	2017	6	2	0820		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14101,1	3	2017	6	23	2155		J3E/U						ASIAN FISHBOATS	QG62an	WIA	VK4TJ
14105,0	20	2017	6	23	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14106,0	1	2017	6	1	0755		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14108,0		2017	6	12	0825		A1A						LETTER CIPHER	QG62an	WIA	VK4TJ
14111,0	1	2017	6	14	0705		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14115,0	20	2017	6	2	0645		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14123,0		2017	6	29	0725		A1A						MIXED NUMBER/LETTER CIPHER	QG62an	WIA	VK4TJ
14125,0	20	2017	6	23	0545		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14130,0	20	2017	6	21	2330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14135,0	20	2017	6	23	0625		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14141,4	3	2017	6	27	0105		J3E/U						ASIAN. NO CALLS, EVER	QG62an	WIA	VK4TJ
14145,0	20	2017	6	15	2330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14150,0	20	2017	6	23	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14151,5	3	2017	6	23	2155		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14155,0	20	2017	6	25	0845		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14160,0	20	2017	6	2	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14165,0	1	2017	6	24	0610		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14166,6	3	2017	6	29	2235		J3E/L						ASIAN FISHBOATS, ENGINE NOISE	QG62an	WIA	VK4TJ
14170,0	20	2017	6	19	0540		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14182,0	3	2017	6	29	0745		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14183,0	10	2017	6	21	<0500- 0720>		P0N		300		CHN			PH92tv	WIA	VK4SWE
14185,0	20	2017	6	2	0655		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

14200,0	5	2017	6	12	0840		G1D						BROAD PSK	QG62an	WIA	VK4TJ
14201,5	3	2017	6	12	0840		G7D						+ F1B + A1A (DITS)	QG62an	WIA	VK4TJ
14210,0	20	2017	6	2	0815		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14215,0	20	2017	6	2	0825		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14218,7	3	2017	6	29	0805		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
14220,0	20	2017	6	2	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14221,0	1	2017	6	6	2305		F1B		250				CONTINUOUS, IDLING	QG62an	WIA	VK4TJ
14222,2	3	2017	6	5	0850		J3E/U						ASIAN, NO CALLS – EVER	QG62an	WIA	VK4TJ
14225,0	20	2017	6	1	2205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14250,0	3	2017	6	12	0830		J3E/L						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
14260,0	30	2017	6	6	2310		P0N						OTHR, LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14261,0	5	2017	6	22	1000		G1D						BROAD PSK	QG62an	WIA	VK4TJ
14265,0	10	2017	6	10	0200		P0N						OTHR, LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14265,0	20	2017	6	2	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14270,0	20	2017	6	9	0505		P0N						OTHR, CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
14275,0	20	2017	6	15	2330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14276,0	1	2017	6	20	2115		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14290,0	2	2017	6	19	0505		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14292,0		2017	6	2	0640		A1A					1DIHE	NUMBER CIPHER	QG62an	WIA	VK4TJ
14295,0	15	2017	6	29	0725		A3E					TJK	3RD HARMONIC RADIO TADJIKISTAN	QG62an	WIA	VK4TJ
14300,0	20	2017	6	15	2330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14305,0	20	2017	6	1	2200		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14315,0	20	2017	6	27	2240		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14320,0	20	2017	6	27	0900		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14325,0	20	2017	6	1	0650		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14335,0	20	2017	6	21	2315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14340,0	20	2017	6	28	0830		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14343,5	3	2017	6	29	2235		J3E/L						ASIAN	QG62an	WIA	VK4TJ
14345,0	20	2017	6	21	2315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
14345,0	2	2017	6	6	2305		G7DF						MANPACK RADIO	QG62an	WIA	VK4TJ
14347,0	3	2017	6	27	0745		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14347,0	1	2017	6	14	2140		F1B						SELCALL TONES	QG62an	WIA	VK4TJ
14349,3	3	2017	6	4	2305		J3E/U						SPANISH SPEAKERS	QG62an	WIA	VK4TJ
14349,8	3	2017	6	22	2215		J3E/U						ASIAN	QG62an	WIA	VK4TJ
14380,0	100	2017	6	29	2240		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18065,0	10	2017	6	5	0110		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18065,0	30	2017	6	18	0100		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18070,0	20	2017	6	7	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18074,0	3	2017	6	14	2310		J3E/U						ASIAN, SOUNDS CHINESE	QG62an	WIA	VK4TJ
18075,0	30	2017	6	19	0435		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18075,0	40	2017	6	6	0310		P0N						CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ

18095,0	20	2017	6	28	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
18095,0	20	2017	6	3	0455		P0N						CONTINUOUS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
18119,8	1	2017	6	29	2250		F1B		200				BEACONING	QG62an	WIA	VK4TJ
18125,0	1	2017	6	29	2250		F1B		200				BEACONING	QG62an	WIA	VK4TJ
18147,2	3	2017	6	14	2315		J3E/U						ASIAN	QG62an	WIA	VK4TJ
18165,0	20	2017	6	16	0550		P0N						CONTINUOUS	QG62an	WIA	VK4TJ
18190,0	160	2017	6	12	0640		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21000,0		2017	6	24	0625		N0N							QG62an	WIA	VK4TJ
21000,0	9	2017	6	22	0240		J3E/L			INS			3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21035,0	20	2017	6	22	0250		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21075,0	170	2017	6	7	0815		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21075,0	9	2017	6	4	0010		J3E/L			INS			3RD HARMONIC OF YB INTRUDER	QG62an	WIA	VK4TJ
21080,0	20	2017	6	20	0130		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21090,0	20	2017	6	29	0130		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21095,0	170	2017	6	7	0305		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21100,0	20	2017	6	20	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21115,0	20	2017	6	12	2330		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21130,0	20	2017	6	1	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21160,0	160	2017	6	5	0315		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21165,0	20	2017	6	8	0455		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21185,0	20	2017	6	3	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21190,0	20	2017	6	15	0245		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21205,0	20	2017	6	20	0615		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21225,0	20	2017	6	1	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21230,0	20	2017	6	19	0430		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21260,0	20	2017	6	3	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21265,0	20	2017	6	3	0445		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21270,0	20	2017	6	16	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21275,0	20	2017	6	1	0555		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21280,0	20	2017	6	29	0215		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21285,0	20	2017	6	3	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21295,0	20	2017	6	29	0210		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21300,0	170	2017	6	7	0830		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21305,0	20	2017	6	4	0400		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21315,0	20	2017	6	4	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21320,0	20	2017	6	1	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21330,0	160	2017	6	5	0015		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
21330,0	30	2017	6	4	0355		P0N						OTHR, CONTINUOUS	QG62an	WIA	VK4TJ
21335,0	20	2017	6	4	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21340,0	20	2017	6	1	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21345,0	20	2017	6	4	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21350,0	20	2017	6	4	0355		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21360,0	20	2017	6	1	0335		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21365,0	20	2017	6	19	0540		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ

21380,0	20	2017	6	3	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21385,0	20	2017	6	1	0405		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21390,0	20	2017	6	1	0410		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21400,0	20	2017	6	29	0205		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21404,0	5	2017	6	12	0640		G7D						DOZENS OF SUBCARRIERS ON CLOSE INTERVALS	QG62an	WIA	VK4TJ
21405,0	20	2017	6	19	0720		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21415,0	15	2017	6	1	0315		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21425,0	20	2017	6	18	0800		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21435,0	20	2017	6	8	0450		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21440,0	20	2017	6	16	0550		P0N						OTHR, BURSTS	QG62an	WIA	VK4TJ
21510,0	160	2017	6	5	0025		P0N						LONG BURSTS, SLOW PULSE RATE	QG62an	WIA	VK4TJ
28000,0	8	2017	6	17	0550		F3E						ASIAN	QG62an	WIA	VK4TJ
28015,0	6	2017	6	17	0555		A3E						ASIAN	QG62an	WIA	VK4TJ
28050,0	8	2017	6	14	0625		F3E						ASIAN	QG62an	WIA	VK4TJ
28065,0	6	2017	6	17	0555		A3E						ASIAN	QG62an	WIA	VK4TJ
28075,0	6	2017	6	14	0625		A3E						ASIAN	QG62an	WIA	VK4TJ
28085,0	6	2017	6	19	0400		A3E						ASIAN	QG62an	WIA	VK4TJ
28087,5	6	2017	6	14	0625		A3E						ASIAN	QG62an	WIA	VK4TJ
28100,0	8	2017	6	17	0635		F3E						ASIAN	QG62an	WIA	VK4TJ
28112,5	8	2017	6	14	0615		F3E						ASIAN	QG62an	WIA	VK4TJ
28115,0	6	2017	6	14	0615		A3E						ASIAN	QG62an	WIA	VK4TJ
28125,0	6	2017	6	18	0505		A3E						ASIAN	QG62an	WIA	VK4TJ
28150,0	8	2017	6	14	0625		F3E						ASIAN	QG62an	WIA	VK4TJ
28162,5	6	2017	6	17	0555		A3E						ASIAN	QG62an	WIA	VK4TJ
28175,0	6	2017	6	14	0615		A3E						ASIAN	QG62an	WIA	VK4TJ
28212,5	8	2017	6	17	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28225,0	8	2017	6	17	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28237,5	8	2017	6	14	0630		F3E						ASIAN	QG62an	WIA	VK4TJ
28275,0	8	2017	6	14	0630		F3E						ASIAN	QG62an	WIA	VK4TJ
28425,0	8	2017	6	18	0745		F3E						ASIAN	QG62an	WIA	VK4TJ
28435,0	6	2017	6	17	0600		A3E						ASIAN	QG62an	WIA	VK4TJ
28437,5	8	2017	6	17	0600		F3E						ASIAN	QG62an	WIA	VK4TJ
28555,0	6	2017	6	17	0605		A3E						ASIAN	QG62an	WIA	VK4TJ
28595,0	6	2017	6	19	250		A3E						ASIAN	QG62an	WIA	VK4TJ
28625,0	8	2017	6	17	0605		F3E						ASIAN	QG62an	WIA	VK4TJ
28735,0	6	2017	6	19	0345		A3E						ASIAN	QG62an	WIA	VK4TJ
28745,0	6	2017	6	19	0345		A3E						ASIAN	QG62an	WIA	VK4TJ

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