



INTERNATIONAL AMATEUR RADIO
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



April 2020

Titon Dutono, YB3PET

Reports for April 2020 was received from the JARL, NZART and WIA.

For this period there were 56 observations from JARL, 24 observations from NZART, and 10 observations from WIA. By this month's sampling, there are a total of 86 observations of intruders made across the Region.

The most prominent intruders are as in the following table,

No.	Band	Class Emission	Administration	Description
1.	80 m	A1A	RUS	Beacon
3.	40 m	J3EL	INS	Village Radio - Multi Stations
4.	20 m	PXX	RUS	OTHR Russian 50 pps S7 bursts
		PXX	CHN	OTHR Chinese 66 pps S9 + 10 3.8 second bursts
5.	17 m	PXX	CHN	OTHR S5 3.9 second bursts 66 pps Chinese
6.	15 m	PXX	IRN	OTHR S4 Continuous 83 pps Iranian

Note from NZART: We have been hit for the past couple of days with CIS-12 Russian communications on 14155-14158; 14237 to 14280 and 14191 to 14194 S3 to S4 had to ask Region 1 for assistance, as the number of tones were far greater than 12. but they all had the same spacing ODFM 41 Hz, which confirmed it was CIS-12. Must be an exercise going on. TDOA points directly to Russia.

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

Attachments of Data Report

JARL: 56 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID		Grid	Society
3519.0	0.5	2020	04	07	12:15	A1A						CQRO~	PM84XT	JARL
7005.0	3.0	2020	04	21	12:15	J3E/L						Language:Indonesian,With no Call	PM84XT	JARL
7039	0.5	2020	04	22	09:20	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	22	09:24	A1A			321	RUS	F-signal	Beacon	PM-97	JARL
7039	0.5	2020	04	22	10:40	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	22	11:20	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	23	09:30	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	23	09:34	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	23	11:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	23	11:04	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	23	12:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	09:20	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	09:24	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	10:40	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	12:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	12:02	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	12:06	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	24	13:30	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	25	09:20	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	25	09:22	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	25	09:24	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	25	11:02	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	26	09:30	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	26	09:40	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	26	11:00	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	26	11:04	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	26	12:06	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	26	13:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	27	09:30	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	27	09:34	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	27	11:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	28	09:30	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	28	09:34	A1A			15	RUS	M--signal	Beacon	PM-97	JARL

7039	0.5	2020	04	28	11:04	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	28	11:06	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	28	12:10	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	28	12:14	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	28	14:02	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	29	09:30	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	29	09:34	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	29	11:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	29	11:02	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	29	12:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	29	12:14	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	09:26	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	09:28	A1A			321	RUS	F--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	11:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	11:02	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	12:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	12:12	A1A			37	RUS	K--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	13:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	14:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	15:00	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	16:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7039	0.5	2020	04	30	17:10	A1A			15	RUS	M--signal	Beacon	PM-97	JARL
7055.0	3.0	2020	04	14	12:12	Jamming						Signal RS:59	PM84XT	JARL

NZART: 24 observations

kHz	BW	YYYY	MON	DD	GMT	UTC	Emm	ADM	ID	Description	Grid	Society
7060.5	17	2020	04	23	<0312>	0312	PXX	?	Unid	OTHR S9 Continuous 40 pps very clean analysed from Audio sample	RF73WA	ZLL2AIM
14024	10	2020	04	21	<0208>	0208	PXX	?	Unid	OTHR S6 Continuous 50 pps suspect Russian	RF73MF	ZL1GWE
14056	10	2020	04	21	<0021>	0021-0024	PXX	?	Unid	OTHR S5 Continuous 50 pps	RF73MF	ZL1GWE
14127	48	2020	04	20	<2318>	2318	PXX	CHN	Unid	OTHR S5 68 pps Chinese	RF73MF	ZL1GWE
14144	24	2020	04	02	<0648>	0648	PXX	CHN	Unid	OTHR S9 3.8 second bursts 66 pps Chinese	RF73MF	ZL1GWE
14150.5	11	2020	04	02	<0648>	0648	PXX	CHN	Unid	OTHR S9 3.8 second bursts 66 pps Chinese plus 23 pps within signal	RF73MF	ZL1GWE
14159	16	2020	04	20	<2309>	2309	PXX	CHN	Unid	OTHR S8 3.8 second bursts 68 pps Chinese	RF73MF	ZL1GWE

14161	22	2020	04	02	<0649>	0649	PXX	CHN	Unid	OTHR S9 3.9 second bursts 66 pps Chinese	RF73Mf	ZL1GWE
14167	22	2020	04	02	<0649>	0649	PXX	CHN	Unid	OTHR S9 3.9 second bursts 66 pps Chinese	RF73MF	ZL1GWE
14190	10	2020	04	21	<0608>	0608	PXX	?	Unid	OTHR S3 3.8 second bursts	RF73MF	ZL1GWE
14235	9	2020	04	01	<0312>	0312	PXX	CHN	Unid	OTHR S6 3.85 second bursts S6 Chinese	RF73MF	ZL1GWE
14274.5	15	2020	04	12	<002`>	0021	PXX	?	Unid	OTHR S5 Continuous 21 pps	RF73MF	ZL1GWE
14298	11	2020	04	01	<0307>	0307	PXX	CHN	Unid	OTHR S5 4.09 second bursts 66 pps Chinese	RF73MF	ZL1GWE
18139.5	11	2020	04	02	<0351>	0351	PXX	CHN	Unid	OTHR S5 3.9 second bursts 66 pps Chinese	RF73MF	ZL1GWE
20999.5*	11	2020	04	26	<0447>	0447	PXX	IRN	Unid	OTHR S4 Continuous 83 pps Iranian	RF73MF	ZL1GWE
21027.5	15	2020	04	03	<0331>	0331	PXX	?	Unid	OTHR S5 4.5 second bursts 50 pps	RF73MF	ZL1GWE
21049.5	11	2020	`04	01	<0018>	0018	PXX	?	Unid	OTHR S4 5.3 second bursts 42 pps	RF73Mf	ZL1GWE
21138	14	2020	04	16	<0544>	0544	PXX	?	Unid	OTHR S4 5.2 second bursts 48 pps	RF73MF	ZL1GWE
21181	10	2020	04	16	<0315>	0315	PXX	?	Unid	OTHR S3 6.4 second bursts 40 pps	RF73MF	ZL1GWE
21294.5	13	2020	04	12	<0021>	0021	PXX	?	Unid	OTHR S4 Continuous 21 pps	RF73MF	ZL1GWE
21365	26	2020	04	01	<0228>	0028	PXX	?	Unid	OTHR S8 6.2 second bursts 42 pps	RF73MF	ZL1GWE
21374.5	11	2020	04	02	<0346>	0346	PXX	?	Unid	OTHR S3 2.8 second bursts 50 pps	RF73MF	ZL1GWE
21412.5	106	2020	04	20	<0430>	0430	PXX	CHN	Unid	OTHR S8 6,.1 second bursts 40 pps TDOA Chinese South China Sea	RF73Mf	ZL1GWE
21422	10	2020	04	16	<0523>	0523	PXX	?	Unid	OTHR S4 6.2 second bursts 42 pps	RF73MF	ZL1GWE

WIA: 10 observations

Frequency - kHz	Bandwidth kHz	YYYY	MM	DD	GMT/UTC	Emission	Duration Time	Baud, Pulse-Sweep Rate	Shift	Heading	Administration	ID Callsign	Description	Grid Locator	Readability/Strengh	Society	Comment
7020	3	2020	04	16	<0900>	J3E/L					IND		Village Radio Chanting	QF22md	S3/4	WIA	VK3MV
14209	10	2020	04	19	2315>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22md	S7	WIA	VK3MV
14101	10	2020	04	22	<0700>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22md	S7	WIA	VK3MV
14312	10	2020	4	22	<0700>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22md	S7	WIA	VK3MV

14158	10	2020	04	22	<0700>	P0N		40pps					OHR 10sec burst every 40sec	QF22m d	S9	WIA	VK3MV
14127	10	2020	04	23	<0100>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22m d	S4	WIA	VK3MV
14053	10	2020	04	23	<0100>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22m d	S7-9	WIA	VK3MV
14220	10	2020	04	23	<0100>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22m d	S5	WIA	VK3MV
14255	10	2020	4	23	<0100>	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22m d	S8	WIA	VK3MV
14328	10	2020	04	24	<0445->	P0N		66.6pps			CHN		OHR 4sec burst every 40sec	QF22m d	S9	WIA	VK3MV
	Radars remarkably quiet in the firs 3 weeks of April																

=====