



**INTERNATIONAL AMATEUR RADIO
UNION**

REGION THREE

MONITORING SYSTEM NEWS LETTER



December 2019

Titon Dutono, YB3PET

Reports for December 2019 was received from the JARL, NZART and WIA.

For this period there were 3 observations from JARL, 46 observations from NZART and 33 observations from WIA. By this month sampling, there are a total 82 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	F1B	RUS	RTTY Idling Russian Miltiary
2.	20m	PXX	CHN	OTHR S9 in varying rates in seconds period bursts

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: 3 observations

Freq	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	C	Grid	Society
3557.1	3.0	2019	12	05	12:10	Jamming						Signal RS:59	PM84XT	JARL
3500.0	3.0	2019	12	10	12:15	Jamming						Signal RS:59	PM84XT	JARL
7070.0	3.0	2019	12	25	12:15	Jamming						Signal RS:59	PM84XT	JARL

NZART: 46 observations

kHz	BW	YYY Y	Mon	DD	GMT	UTC	Emm	Bd	Sft	Hdg	AD M	ID	Description	Grid	Societ y
6997.5*	13	2019	12	22	<0555>	0555	PXX				RUS	Unid	OTHR Russian S2 43 pps continuous	RF73MF	ZL1GWE
6997.7*	7.4	2019	12	16	<0457>	0457	PXX				CHN	Unid	OTHR Chinese S4 40 pps Continuous	RF73MF	ZL1GWE
7000	28	2019	12	14	<0607>	0607	PXX				RUS	Unid	OTHR Russian S4 40 pps Contayner Continious	RF73MF	ZL1GWE
7002		2019	12	15	<0619>	0619	F1B	75	167		RUS	Unid	RTTY Idling Russian Miltiary	RF73MF	ZL1GWE
10135		2019	12	24	<0616>	0616	J7D	50			?	Unid	Non Amateur OFDM 20 tones encrypted S3	RF73MF	ZL1GWE
13955.5*	159	2019	12	16	<0321>	0321	PXX				CHN	Unid	OTHR S3 11 pps suspect Chinese	RF73MF	ZL1GWE
14006.5	13	2019	12	30	<0630>	0630	PXX				RUS	Unid	OTHR S7 Russian 50 pps continuous	RF73MF	ZL1GWE
14011.5	11	2019	12	27	<0508>	0508	PXX				CHN	Unid	OTHR S4 Chinese 65 pps 4 second bursts	RF73MF	ZL1GWE
14032	10	2019	12	24	<0605>	0605	PXX				CHN	Unid	OTHR S8 Chinese 66 pps 4 second bursts	RF73MF	ZL1GWE
14033	10	2019	12	26	<0441>	0441	PXX				CHN	Unid	OTHR S4 Chinese 66 pps 3.9 second bursts	RF73MF	ZL1GWE
14055	42	2019	12	08	<0320>	0320	PXX				RUS	Unid	OTHR Russian Contayner 10 pps continuous	RF73WA	ZL2AIM
14098.5	11	2019	12	31	<0428>	0428	PXX				CHN	Unid	OTHR S* Chinese 68 pps 3.9 second bursts	RF73MF	ZL1GWE
14099	10	2019	12	30	<0010>	0010	PXX				RUS	Unid	OTHR S4 Russian 50 pps 6.3 second bursts with spike	RF73MF	ZL1GWE
14119.5	11	2019	12	31	<0405>	0405	PXX				CHN	Unid	OTHR S3 Chinese 67 pps 3.9 second bursts	RF73MF	ZL1GWE
14125	10	2019	12	21	<0323>	0323	PXX				CHN	Unid	OTHR S3 Chinese 66 pps 3.6 second bursts	RF73MF	ZL1GWE
14144.5	11	2019	12	16	<0324>	0324	PXX				CHN	Unid	OTHR S7 12 pps 60 second bursts Chinsee	RF73MF	ZL1GWE
14156.25	15.5	2019	12	27	<0620>	0620	PXX				?	Unid	OTHR S9 63 pps varying rates 3.8 second bursts	RF73MF	ZL1GWE
14173	10	2019	12	26	<0435>	0435	PXX				CHN	Unid	OTHR S5 Chinese 66 pps 3.6 second bursts	RF73MF	ZL1GWE
14175.8	21.9	2019	12	03	<0550>	0550	PXX				CHN	Unid	OTHR Chinese S8 66 pps 3.1 second bursts	RF73MF	ZL1GWE
14177.00	48	2019	12	03	<0554>	0554	PXX				CHN	Unid	OTHR Chinese S8 66 pps 3.9 second bursts	RF73MF	ZL1GWE
14183.5	13	2019	12	21`	<0338>	0338	PXX				CHN	Unid	OTHR S8 Chinese 66 pps 3.8 second bursts	RF73MF	ZL1GWE
14193.00	137	2019	12	03	<0552>	0552	PXX				CHN	Unid	OTHR Chinese S8 66 pps 3.6 second bursts	RF73MF	ZL1GWE
14194.4	10.3	2019	12	31	<0204>	0240	PXX				?	Unid	OTHR S5 48 pps 4.9 second bursts	RF73MF	ZL1GWE

14223	72	2019	12	30	<0225>	0225	PXX				CHN	Unid	OTHR S9 Chinese 66 pps 3.7 second bursts	RF73MF	ZL1GWE
14255.5	17	2019	12	25	<0602>	0602-0610	PXX				RUS	Unid	OTHR S8 Russian Contayner continuous	RF73MF	ZL1GWE
14225.5	23	2019	12	26	<0404>	0404-0410	PXX				RUS	Unid	OTHR S9 Russian 50 pps continuous	RF73MF	ZL1GWE
14248.75	10.5	2019	12	27	<0335>	0335	PXX				CHN	Unid	OTHR S4 Chinese 62 pps 4.1 second bursts	RF73MF	ZL1GWE
14261	40	2019	12	23	<0151>	0151	PXX				CHN	Unid	OTHR S5 Chinese by TDOA 10 pps continuous	RF73MF	ZL1GWE
14274.5		2019	12	01	<0547>	0547	J7D				RUS	Unid	CIS 12 tone S4 Continuous transmission encrypted	RF73MF	ZL1GWE
14291.2	105.5	2019	12	28	<0700>	0700	PXX				CHN	Unid	OTHT S9+10 Chinese 68 pps 3.9 second bursts	RF73MF	ZL1GWE
14301.5	11	2019	12	23	<0238>	0238	PXX				?	Unid	OTHR 12 pps then went QRT	RF73MF	ZL1GWE
14307	24	2019	12	21`	<0255>	0255	PXX				CHN	Unid	OTHR Chinese S7 66 pps 3.9 second bursts	RF73MF	ZL1GWE
14313	27	2019	12	23	<0226>	0226	PXX				CHN	Unid	OTHR Chinese 66 pps 1.99 second bursts	RF73MF	ZL1GWE
14315	10	2019	12	24	<0605>	0605	PXX				CHN	Unid	OTHR S8 Chinese 66 pps 3.9 second bursts	RF73MF	ZL1GWE
14315	12	2019	12	26	<0422>	0422	PXX				CHN	Unid	OTHR S5 Chinese 66 pps 4.1 second bursts	RF73MF	ZL1GWE
14322	10	2019	12	23	<0226>	0226	PXX				CHN	Unid	OTHR Chinese 10 pps 7.8 second bursts	RF73MF	ZL1GWE
14322.25	40.5	2019	12	27	<0337>	0337	PXX				CHN	Unid	OTHR S8 Chinese 66 pps 2.8 second bursts	RF73MF	ZL1GWE
14326.5	27	2019	12	23	<0226>	0226	PXX				CHN	Unid	OTHR Chinsee 66 pps 1.99 second bursts	RF73MF	ZL1GWE
14327	10	2019	12	22	<0605<	0605	PXX				RUS	Unid	OTHR S7 Russian 50 pps 4.9 second bursts	RF73MF	ZL1GWE
14332		2019	12	01	<0547>	0547	J7D				RUS	Unid	CIS 12 tone Continuous S4	RF73MF	ZL1GWE
14335	10	2019	12	30	<0151>	0151	PXX				CHN	Unid	OTHR S5 Chinese 66 pps burss with spike	RF73MF	ZL1GWE
14340	10	2019	12	27	<0422>	0422	PXX				CHN	Unid	OTHR S5 Chinese 65 pps 7.9 second bursts	RF73MF	ZL1GWE
14341.5	21	2019	12	16	<0309>	0309	PXX				CHN	Unid	OTHR S5 Chinese 84 pps 1.6 second bursts 6 second intervals double bursts	RF73MF	ZL1GWE
14344	10	20`19	21`	12	<0244>	0244	PXX				CHN	Unid	OTHR S7 Chinese 66 pps 3.98 second bursts	RF73MF	ZL1GWE
14344	17	2019	12	16	<0309>	0309	PXX				CHN	Unid	OTHR S5 Chinese 84 pps 1.6 second bursts 6 second intervals double bursts	RF73MF	ZL1GWE
18099.5	11	2019	12	21	<0443>	0443	PXX				CHN	Unid	OTHR S5 Russian Cntayner 41 pps 6.2 second bursts	RF73MF	ZL1GWE

WIA: 33 observations

Frequency - kHz	Band width kHz	YYYY	MM	DD	GMT/UTC	Emission	Duration Time	Baud	Shift	Heading	Administration	ID Callsign	Description	Grid Locator	Readability/Strength	Society	Comment
14120	10	2019	12	28	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S7	WIA	VK3MV
14052.0	10	2019	12	17	<0400 ->	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14058	10	2019	12	8	<0030>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14105.0	10	2019	12	18	<0630>	P0N					CHN	No ID	OHR 66.6pps 4/40sec bursts	QF22md	S9+10dB	WIA	VK3MV
14129	10	2019	12	29	<0015>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14129	10	2019	12	29	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14160	10	2019	12	27	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14170	45	2019	12	5	<0442>	P0N							OHR	QG62ni	S9	WIA	VK4CC
14180	10	2019	12	30	<0345>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9+10dB	WIA	VK3MV
14183	15	2019	12	1	0530>	P0N							OHR	QG62ni	S9	WIA	VK4CC
14183	15	2019	12	7	<0455	P0N							OHR	QG62of	S9+	WIA	VK4LI
14183	15	2019	12	21	<0440	P0N							OHR	QG62ni	S9	WIA	VK4CC
14183	15	2019	12	27	<0535	P0N							OHR 4 sec burst every 45 secs	QG62ni	S9+20dB	WIA	VK4CC
14183	15	2019	12	8	<0505	P0N							OHR 4 sec burst every 45 secs	PF94gl	S9	WIA	VK5YL

14188	15	2019	12	7	<0455	P0N							OHR	QG62ni	S9	WIA	VK4CC
14195.0	10	2019	12	18	<0230 ->	P0N					CHN	No ID	OHR 66.6pps	QF22md	S7/8	WIA	VK3MV
14195	10	2019	12	21	<0800>	P0N						No ID	OHR 10 40pps Continous	QF22md	S9+10dB	WIA	VK3MV
14200	10	2019	12	30	<0345>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14208	10	2019	12	24	2330>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S5	WIA	VK3MV
14213.0	10	2019	12	27	<0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S5	WIA	VK3MV
14228.0	10	2019	12	19	<0830>	P0N					CHN	No ID	OHR 66.pps 4/40 sec	QF22md	S9+10DB	WIA	VK3MV
14235	160	2019	12	14	<0700->	P0N						No ID	OHR 10.75pps 38sec bursts	QF22md	S7	WIA	VK3MV
14250	10	2019	12	27	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S7	WIA	VK3MV
14262.0	10	2019	12	1	<0500>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S7	WIA	VK3MV
14295	10	2019	12	30	<0345>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9+5dB	WIA	VK3MV
14313	10	2019	12	27	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S7/8	WIA	VK3MV
14315	10	2019	12	28	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S7	WIA	VK3MV
14315	10	2019	12	28	0430>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every	QF22md	S9	WIA	VK3MV

													40secs				
14315	10	2019	12	30	<0345>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14320	10	2019	12	19	<0830>	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14329.0	10	2019	12	17	<0400 ->	P0N					CHN	No ID	OHR 66.6 pps 4sec burst every 40secs	QF22md	S9	WIA	VK3MV
14342.0	20	2019	12	16	<0200 ->	P0N						No ID	OHR 71.4pps sec brust every 6 secs sp8ill over.	QF22md	S8	WIA	VK3MV

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