



**INTERNATIONAL AMATEUR RADIO
UNION**

REGION THREE

MONITORING SYSTEM NEWS LETTER



December 2020

Titon Dutono, YB3PET

Reports for December 2020 were received from the ARSI, JARL, NZART, and WIA.

For this period there were 33 observations from ARSI, 46 observations from JARL, 12 observations from NZART, and 14 observations from WIA. By this month's sampling, there are a total of 105 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	A1A	RUS	Beacon
		Jamming	Unid	---
		J3E/U	CLN	Speaker in Sinhala.language talking contnuously. Good signal noted
		PXX	CHN	OTHR
2.	20 m	PON	CHN	OTHR
		PXX	RUS	OTHR

Note from WIA: In the second half of the month there is a noticeable drop in the number of OHRs. This partly due to propogation condition changes, and power disruptions in China perhaps.

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. 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

ARSI: 33 observations

kHz	BW	YEAR	MONTH	DD	UTC	Emm	Bd	ADM	ID	Remarks/Details	Grid	Society
7141	3	2020	12	2	<0200-0230>	J3E/U		CLN	UNID	Male talk in sinhala and signal seems to be fair	MK71UJ	ARSI-MONI-VU3SIO
7102	3	2020	12	3	<0300 -0330>	J3E/U		CLN	UNID	Talk continued by 2 males in sinhala and fair signal noted throught the transmission.	MK71UJ	ARSI-MONI-VU3SIO
7161	3	2020	12	4	<0200 0215>	J3E/U		UNID	UNID	Language semms to be similar to thai and fair signal noted	MK71UJ	ARSI-MONI-VU3SIO
7137	3	2020	12	6	<0230 0300>	J3E/U		CLN	UNID	Male talking to male and fair signal was noted	MK71UJ	ARSI-MONI-VU3SIO
7111	3	2020	12	7	<0200 0215>	J3E/U		CLN	UNID	Today the signal was fair and talk in sinhala.	MK71UJ	ARSI-MONI-VU3SIO
7141	3	2020	12	7	<0215 0230>	J3E/U		CLN	UNID	Signal was very good and the language spoken in sinhala.	MK71UJ	ARSI-MONI-VU3SIO
7151	3	2020	12	8	<0200 0230>	J3E/U		CLN	UNID	Fair signal with Male talking in sinhala continued.	MK71UJ	ARSI-MONI-VU3SIO
14225	3	2020	12	8	<1130 12.00>	J3E/U		CLN	UNID	Talk in thai language and poor signal was noted	MK71UJ	ARSI-MONI-VU3SIO
7100	3	2020	12	9	<0200 0230>	J3E/U		CLN	UNID	Talk in sinhala and good signal noted	MK71UJ	ARSI-MONI-VU3SIO
14225	3	2020	12	9	<1100 1130>	J3E/U		UNID	UNID	Male talking to male and good signal was noted.Language similar to thai. Not the harmonic of 40meter	MK71UJ	ARSI-MONI-VU3SIO
7100	3	2020	12	10	<02.00 0210	J3E/U		CLN	UNID	Strong signal.was noted and talk in sinhala continued by male for 10 minutes.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	12	<1645 1700 >	A3E		ERI		Music was heard continuously with poor reception.	MK71UJ	ARSI-MONI-VU3SIO
14230	3	2020	12	14	<1115 1130>	J3E/U		CLN	UNID	Language was in sinhala . Talking male to male with poor reception.	MK71UJ	ARSI-MONI-VU3SIO
7107	3	2020	12	15	<0200 02.15>	J3E/U		CLN	UNID	Signal was fair and talk in sinhala language by 2 male.	MK71UJ	ARSI-MONI-VU3SIO
7151	3	2020	12	16	<0145 02.00	J3E/U		CLN	UNID	Poor signal was observed. Talk in sinhala by 2 males and continued for 15 minutes only.	MK71UJ	ARSI-MONI-VU3SIO
7128	3	2020	12	16	<0200 0230>	J3E/U		CLN	UNID	Today very strong signal was noted. Talking in sinhala by male to male continued .	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	16	<1630 1700>	A3E		ERI		Signal was very poor and music transmitted and speech in between .	MK71UJ	ARSI-MONI-VU3SIO
7155	3	2020	12	17	<0200 0215>	J3E/U		CLN	UNID	Poor signal was seen throughtout the transmission and talk in sinhala .	MK71UJ	ARSI-MONI-VU3SIO
7135	3	2020	12	17	<0215 0230>	J3E/U		CLN	UNID	Strong signal seen and talk continued between 2 males.	MK71UJ	ARSI-MONI-VU3SIO
7115	3	2020	12	18	<0200 0230>	J3E/U		CLN	UNID	Talk continued by 2 male and fair signal noted.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	18	<16.45 1700>	A3E		ERI		Talk by male and songs continued in between. Poor signal was noted.	MK71UJ	ARSI-MONI-VU3SIO
7105	3	2020	12	19	<.0215 02.30>	J3E/U		CLN	UNID	Reception was fair and talk between 2 male observed.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	19	<1630 1645>	A3E		ERI		African songs and music continues and speech in between. Poor reception was noted.	MK71UJ	ARSI-MONI-VU3SIO

7133	3	2020	12	22	<0215 0230>	J3E/U		CLN	UNID	Today strong signal was observed . Talk in sinhala continued.	MK71UJ	ARSI-MONI-VU3SIO
7155	3	2020	12	23	<0215 0230>	J3E/U		CLN	UNID	Signal was fair and talk between male continued.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	23	<17.00 17.30>	A3E		ERI		Songs from africa played and speech of announcers continued. Poor signal noted.	MK71UJ	ARSI-MONI-VU3SIO
7155	3	2020	12	25	<0215 0230>	J3E/U		CLN	UNID	Talk by male and reception is fair throughtout the transmission.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	25	<1630 1700>	A3E		ERI		Song and speech continued with poor reception.	MK71UJ	ARSI-MONI-VU3SIO
7172	3	2020	12	29	<0200 0230>	J3E/U		CLN	UNID	Poor signal was noted and talk between male continued. Language not identified.	MK71UJ	ARSI-MONI-VU3SIO
7185	3	2020	12	30	<0200 0215.	J3E/U		CLN	UNID	Signal was poor and talk in sinhala between male.	MK71UJ	ARSI-MONI-VU3SIO
7087	3	2020	12	31	<0130 0145>	J3E/U		CLN	UNID	Talk in sinhala by male and signal was poor.	MK71UJ	ARSI-MONI-VU3SIO
7141	3	2020	12	31	<0145 0200>	J3E/U			UNID	Talk in a language similar to Thai and fair signal noted .Male talking to other male.	MK71UJ	ARSI-MONI-VU3SIO
7140	3	2020	12	31	<16.00 16.30>	A3E		ERI		Station voice of Masses seen with songs and speech in between. Poor reception.	MK71UJ	ARSI-MONI-VU3SIO

JARL: 46 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Hdg	ADM	ID	Description	Grid	Society
7000	1.0	2020	12	03	1032	A0A	non	non	non	no mod	PM97	JARL
7000.0	3.0	2020	12	08	12:20	J3E/L				Language:Tagalog,With no Call	PM84XT	JARL
7004.8	3.0	2020	12	01	11:40	J3E/L				Language:Tagalog,With no Call	PM84XT	JARL
7016.6	3.0	2020	12	16	12:20	A1A				train of "?",	PM84XT	JARL
7039		2020	12	01	1040	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	04	1030	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	05	1040	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	08	1038	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	12	09	1036	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039		2020	12	10	1050	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	11	1050	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	12	1050	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	13	0920	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	12	13	0922	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039		2020	12	14	1040	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	15	1050	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	16	1036	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039		2020	12	17	1050	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	18	1032	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	12	19	1034	A1A	37	RUS	K--signal	Beacon	PM97	JARL
7039	0.5	2020	12	19	1036	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039		2020	12	20	0900	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	20	1030	non	non	non	non	Beacon	PM97	JARL

7039		2020	12	21	1050	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	22	1050	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	23	1046	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	24	1050	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	25	1046	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	26	1050	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	27	0920	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039	0.5	2020	12	27	1030	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039		2020	12	27	1150	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	28	1030	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	29	1050	A1A	15	RUS	M--signal	Beacon	PM97	JARL
7039		2020	12	30	0920	non	non	non	non	Beacon	PM97	JARL
7039		2020	12	30	1050	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	31	0910	A1A	321	RUS	F--signal	Beacon	PM97	JARL
7039		2020	12	31	1050	non	non	non	non	Beacon	PM97	JARL
7039	0.5	2020	12	22	12:10	A1A				train of "F"	PM84XT	JARL
7039	0.5	2020	12	22	12:10	A1A				train of "M"	PM84XT	JARL
7066	6.0	2020	12	16	12:23	Jamming				Signal RS:59	PM84XT	JARL
7118	1.0	2020	12	09	1042	PXX	non	non	non	Pulse only	PM97	JARL
7133	1.0	2020	12	07	1054	PXX	non	non	non	Pulse only	PM97	JARL
7136	3.0	2020	12	29	12:15	Jamming				Signal RS:59	PM84XT	JARL
7170		2020	12	02	1040	PXX	non	non	non	7080KHz ~ 7260KHz OTHR ?	PM97	JARL
7200	5	2020	12	06	1048	A3E	non	non	non	10:48 ~ 11:00 UTC Hangul talk only Korean BC ?	PM97	JARL

NZART: 12 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	ADM	ID	Description	Grid	Society
3792		2020	12	23	<0940>	0940-1030>	J3E/U	CHN	Unid	Chinese Numbers Station MP4 recording S9	RF80KK	ZL2XC
14151.5	10.9	2020	12	17	<0340>	0348	PXX	CHN	Unid	OTHR Chinese 3.993 second bursts 66 pps S7	RF73MF	ZL1GWE
14152	10	2020	12	17	<0548>	0548	PXX	CHN	Unid	OTHR Constant Chinese for hours 50 pps S7	RF73MF	ZL1GWE
14158.8	11	2020	12	22	<0451>	0451	PXX	CHN	Unid	OTHR Chinese 66 pps 4 seconds bursts S6	RF73MF	ZL1GWE
14177.2	10.9	2020	12	17	<0348>	0348	PXX	CHN	Unid	Chinese 66 pps OTHR 4.107 second bursts S5	RF73MF	ZL1GWE
14246.9	12.4	2020	12	17	<0331>	0331	PXX	RUS	Unid	Russian OTHR 50 pps S8	RF73MF	ZL1GWE
14249.5	11	2020	12	20	<0320>	0320	PXX	CHN	Unid	TDOA indicates South China Sea ship orign 50 pps continuous S7	RF73MF	ZL1GWE
14312	10.6	2020	12	22	<0453>	0453	PXX	CHN	Unid	OTHR Chinese 66 pps 4.05 seconds S8	RF73MF	ZL1GWE
18170.4	20.2	2020	12	17	<0348>	0348	PXX	?	Unid	Unknown source continous S4 23 pps S4	RF73MF	ZL1GWE
2111.75	47	2020	12	07	<0448>	0448	PXX	CHN	Unid	OTHR Chinese S8 50 pps 2.7 second bursts	RF73MF	ZL1GWE
21221.5	21	2020	12	07	<0443>	0443	PXX	RUS	Unid	OTHR Russian bursts 43 pps 12.5 second each S8	RF73MF	ZL1GWE

21248.5	25	2020	12	25	<0554>	0554	PXX	CHN	Unid	OTHR 4.39 second bursts S8 Chinese S8				RF73WA	ZL2AIM
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WIA: 14 observations

Frequency - kHz	Band width kHz	YYYY	MM	DD	GMT/UTC	Emission	Duration Time	Baud, Pulse- Sweep Rate	Shift	Administration	ID Callsign	Description	Grid Locator	Readability/Strength	Society	Comment
14248	10	2020	12	01	0300>	P0N		56				OHR Continious	QF22md	S7-9	WIA	VK3MV
14100	10	2020	12	01	0305>	P0N		66,6		CHN		OHR 4sec burst every 40 secs Interference to amateur hr beacon.	QF22md	S9	WIA	VK3MV
14060	10	2020	12	01	0305>	P0N		66,6		CHN		OHR 4/40 sec	QF22md	S7/8	WIA	VK3MV
14102	10	2020	12	01	0600>	P0N		53				OHR Continious	QF22md	S9	WIA	VK3MV
14216,0	10	2020	12	02	0800>	P0N		56				OHR Continious	QF22md	S9+10dB	WIA	VK3MV
14285	10	2020	12	02	0900>	P0N		66,6		CHN		OHR 4/40 sec	QF22md	S9	WIA	VK3MV
14253	10	2020	12	13	0830>	P0N		56				OHR Continious	QF22md	S9+10dB	WIA	VK3MV
14150	10	2020	12	13	0820>	P0N		66,6		CHN		OHR 4/40 sec	QF22md	S9	WIA	VK3MV
14341	10	2020	12	16	0820>	P0N		66,6		CHN		OHR 4/40 sec	QF22md	S9	WIA	VK3MV
14312	10	2020	12	22	0630>	P0N		66,6		CHN		OHR 4/40 sec	QF22md	S9	WIA	VK3MV
14245	10	2020	12	22	0755>	P0N		56				OHR Continious	QF22md	S9+10dB	WIA	VK3MV
14189	10	2020	12	22	0650>	P0N		66,8		CHN		8 sec burst every 30 secs	QF22md	S8/9	WIA	VK3MV
14318	10	2020	12	28	0650>	P0N		66,6		CHN		4/40 sec	QF22md	S7	WIA	VK3MV
21375,0	10	2020	12	30	0711>	P0N		66,6		CHN		6 sec burst every 40 secs	QF22md	S7	WIA	VK3MV

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