



INTERNATIONAL AMATEUR RADIO UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



December 2021

Titon Dutono, YB3PET

Reports for December 2021 were contributed by ARSI, JARL and NZART

For this period there were 50 observations from ARSI, 66 observations from JARL, and 14 observations from NZART. By this month's sampling, there are a total of 130 observations of intruders made across the Region.

The most prominent intruders are in the following table,

No.	Band	Class Emission	Administration	Description
1.	40 m	J3E/U	CLN	Talk in sinhala by male and fair signal was observed
		A3E	ETHIO	Fair signal from BC station and announcement by male from time to time.
		A3A	NON	han-gul talk and music program 10:58 QRT
2.	20m	PXX	CHN	OTHR Chinese 67 pps S9 4 Second bursts
			RUS	OTHR Russian 40 pps S6 Continuous
3.	17m	PXX	CYP	OTHR Cyprus S3 50 pps S8 continuous
4.	15m	PXX	RUS	OTHR Russian 47 pps 5.5 second bursts S6
		PXX	CHN	OTHR Chinese 50 pps 10 second bursts S7

Note: <ARSI>This month the 40 meter is dominated by srilankan trawlers and broadcast station from Ethiopia on 7110 khz. Voice masses is audible here in India.

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: 50 observations

kHz	BW	YEAR	MONTH	DD	UTC	Emm		Bd	Hdg	ADM	ID	Remarks/Details	Grid	Society
7022	3	2021	12	1	<0145 0200>	J3E/U				CLN	UNID	Talk in sinhala and male talking to male with fair signal	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	1	<1530 1600>	A3E				UNID	ETHIO	Today poor signal was oboserved and speech in african language from Ethiopia.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	2	<1630 1700>	A3E				UNID	ETHIO	Fair signal and talk in african language.	MK71UJ	ARSI-MONI-VU3SIO
7154	3	2021	12	4	<0215 0230>	J3E/U				CLN	UNID	Male talking tto other in sinhala and fair signal noted	MK71UJ	ARSI-MONI-VU3SIO
7151	3	2021	12	5	<0145 0200>	J3E/U				CLN	UNID	signal was fair and male talking.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	5	<1630 1700>	A3E				UNID	ETHIO	Good signal and talk in african language.	MK71UJ	ARSI-MONI-VU3SIO
7188	3	2021	12	7	<0130 0145>	J3E/U				UNID	UNID	Language spoken similar to thai and poor signal noted.	MK71UJ	ARSI-MONI-VU3SIO
7030	3	2021	12	7	<0200 0215>	J3E/U				CLN	UNID	Sinhala spoken by male and poor reception noted	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	7	<1530 1600>	A3E				UNID	ETHIO	Fair signal and music and announcement in between	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	8	<0145 0200>	J3E/U				CLN	UNID	Fair signal and talk in sinhala by male	MK71UJ	ARSI-MONI-VU3SIO
7155	3	2021	12	8	<0200 0215>	J3E/U				CLN	UNID	Male talikng to male in sinhala continuously and fair signal noted.	MK71UJ	ARSI-MONI-VU3SIO
7135	3	2021	12	8	<0215 0230>	J3E/U				CLN	UNID	Fair signal and talk in snhala	MK71UJ	ARSI-MONI-VU3SIO
7098	3	2021	12	8	<1130 1145>	J3E/U				CLN	UNID	Strong signal and talk by male	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	8	<1645 1700>	A3E				UNID	ETHIO	Songs and announcement and fair signal was noted	MK71UJ	ARSI-MONI-VU3SIO
7102	3	2021	12	9	<0145 0200>	J3E/U				CLN	UNID	Male talking to male in sinhala with fair signal	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	9	<1600 1630>	A3E				UNID	ETHIO	Fair signal followed byspeech and songs heard.	MK71UJ	ARSI-MONI-VU3SIO
7100	3	2021	12	10	<0145 0200>	J3E/U				UNID	UNID	Language spoken not identified and poor signal noted.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	10	1530 1600>	A3E				UNID	ETHIO	Songs and announcement and fair signal was noted	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	11	<1500 1530>	A3E				UNID	ETHIO	Fair to good signal and songs anad	MK71UJ	ARSI-MONI-VU3SIO

												announcemet followed.		
7090	3	2021	12	14	<0130 0200>	J3E/U				CLN	UNID	Talk in sinhala by male and poor signal was observed	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	14	<1530 1600>	A3E				UNID	ETHIO	Announcement by male and fair signal was observed.	MK71UJ	ARSI-MONI-VU3SIO
7090	3	2021	12	15	<0230 0245>	J3E/U				CLN	UNID	Language spoken in sinhala and good signal was noted.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	15	<1600 0145>	A3E				UNID	ETHIO	Fair signal from BC station and announcement by male from time to time.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	16	<0200 0230>	A3E				UNID	ETHIO	Announcements in african language and songs in between.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	17	<1645 1715>	A3E				UNID	ETHIO	Fair signal announcements and songs in between. Fair signal was noted,.	MK71UJ	ARSI-MONI-VU3SIO
7143	3	2021	12	18	<0200 0215>	J3E/U				UNID	UNID	Language not known. Fair signal and male talking to other one.	MK71UJ	ARSI-MONI-VU3SIO
7015	3	2021	12	18	<0215 0230>	J3E/U				UNID	UNID	Language similar to thai and male talking to other.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	19	<1400 1430>	A3E				UNID	ETHIO	Songs and announcement and fair signal was noted	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	20	<1600 1630 >	A3E				UNID	ETHIO	Announcement by male and fair signal was observed.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	21	<1500 0530>	A3E				UNID	ETHIO	Fair signal with announcement in african and songs	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	22	<1600 1630>	A3E				UNID	ETHIO	Announcement and songs with fair signal	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	23	,<1530 1600>	A3E				UNID	ETHIO	Announcenent and song heard with fair rexeption.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	24	< 1630 1700>	A3E				UNID	ETHIO	Audi with slight fading and noise followed by announcement and songd	MK71UJ	ARSI-MONI-VU3SIO
7006	3	2021	12	25	<0145 0200>	J3E/U				CLN	UNID	Talk in sinhala and male talking to male with fair signal	MK71UJ	ARSI-MONI-VU3SIO
7105	3	2021	12	25	<0200 0215>	J3E/L				CLN	UNID	Talk in sinhala by male and fair signal was observed	MK71UJ	ARSI-MONI-VU3SIO
14225	3	2021	12	25	<1115 1130>	J3E/U				UNID	UNID	Male to male talking in a language similar ro thai. Fair signal was observed.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	25	<1600 1630>	A3E				UNID	ETHIO	Audio is not clear with slight noise ,but songs and announcement heard	MK71UJ	ARSI-MONI-VU3SIO

14205	3	2021	12	26	<1050 1100>	J3E/U				CLN	UNID	Good signal and talk in sinhala	MK71UJ	ARSI-MONI-VU3SIO
14225	3	2021	12	26	<1100 1115>	J3E/U				UNID	UNID	Good signal and language spoken similar to thai,	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	26	<1530 1600>	A3E				UNID	ETHIO	Fair signal and announcemnet in african language	MK71UJ	ARSI-MONI-VU3SIO
7180	3	2021	12	27	<0200 0230>	J3E/U				UNID	UNID	Language spoken mot identified . Male to male talking with poor signal	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	27	<1630 1700>	A3E				UNID	ETHIO	Audio is clear ,announcement and songs heard.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	28	<1500 1530>	A3E				UNID	ETHIO	Announcement and songs with fair signal	MK71UJ	ARSI-MONI-VU3SIO
7151	3	2021	12	29	<0145 0200>	J3E/U				UNID	UNID	Talk in a language which is not identified. Male talking to male	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	29	<1500 1530>	A3E				UNID	ETHIO	Audio is somewhat clear , announcement and songs broadcasted.	MK71UJ	ARSI-MONI-VU3SIO
7164	3	2021	12	30	<0145 0200>	J3E/U				UNID	UNID	Weak signal and male talking in a langauage which is not known.	MK71UJ	ARSI-MONI-VU3SIO
7143	3	2021	12	30	<0200 0215>	J3E/U				CLN	UNID	Talk in sinhala by male and good signal observed.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	30	<1500 1530>	A3E				UNID	ETHIO	Fair signal with announcement in african and songs	MK71UJ	ARSI-MONI-VU3SIO
7102	3	2021	12	31	<0145 0200>	J3E/U				CLN	UNID	Male to male talking in sinhala . Fair signal was observed.	MK71UJ	ARSI-MONI-VU3SIO
7110	3	2021	12	31	<1600 1630>	A3E				UNID	ETHIO	Fair signal and songs/ announcements in between in african language.	MK71UJ	ARSI-MONI-VU3SIO

JARL: 66 observations

kHz	BW	YYYY	MM	DD	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
21173.0	3.0	2021	12	21	12:20	Jamming						Signal RS:59	PM84XT	JARL
3530.0	3.0	2021	12	14	12:20	Jamming						Signal RS:59	PM84XT	JARL
7038.0	3.0	2021	12	28	12:15	Jamming						Signal RS:59	PM84XT	JARL
7039		2021	12	01	1050	non			non	non	non	non	PM97	JARL

7039		2021	12	02	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	03	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	04	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	05	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	06	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	07	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	08	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	09	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	10	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	11	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	12	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	13	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	14	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	15	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	16	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	17	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	18	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	19	1050	non			non	non	non	non	PM97	JARL

7039		2021	12	20	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	21	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	22	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	23	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	24	1100	non			non	non	non	non	PM97	JARL
7039		2021	12	25	1100	non			non	non	non	non	PM97	JARL
7039		2021	12	26	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	27	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	28	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	29	1100	non			non	non	non	non	PM97	JARL
7039		2021	12	30	1050	non			non	non	non	non	PM97	JARL
7039		2021	12	31	1050	non			non	non	non	non	PM97	JARL
7055.0	3.0	2021	12	07	12:28	Jamming						Signal RS:59	PM84XT	JARL
7200	5	2021	12	01	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	02	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	03	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	04	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	05	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL

7200	5	2021	12	06	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	07	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	08	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	09	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	10	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	11	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	12	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	13	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	14	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	15	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	16	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	17	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	18	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	19	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	20	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	21	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	22	1040	non			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	23	1040	non			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL

7200	5	2021	12	24	1050	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	25	1050	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	26	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	27	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	28	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	29	1050	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	30	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL
7200	5	2021	12	31	1040	A3E			non	non	non	han-gul talk and music program 10:58 QRT	PM97	JARL

NZART: 14 observations

kHz	BW	YYYY	Mon	DD	GMT	UTC	Emm	Bd	Sft	Hdg	ADM	ID	Description	Grid	Society
14263.1	160k.7	2021	12	05	<0408>	0408	PXX				CHN	Unid	OTHR Chinese 10 pps continuous S6	RF73MF	ZL1GWE
14263.1	106k.2	2021	12	05	<0602>	0602	PXX				CHN	Unid	OTHR Chinese 11 pps continuous S7	RF73MF	ZL1GWE
14289	14.2	2021	12	16	<0604>	0604	PXX				RUS	Unid	OTHR Russian 40 pps S6 continuous	RF73MF	ZL1GWE
18070	20k	2021	12	18	<0612>	0612	PXX				CYP	Unid	OTHR Cyprus 50 ppsS4 continuous clean signal	RF73MF	ZL1GWE
21098	11.6	2021	12	31	<0314>	0314	PXX				RUS	Unid	OTHR Russian 47 pps 5.5 second bursts S6	RF73MF	ZL1GWE
21169	30	2021`	12	25	<0431>	0431	PXX				RUS	Unid	OTHR Russian 50 pps continuous S8	RF73MF	ZL1GWE
21172.2	27.8	2021	12	22	<0608>	0608	PXX				RUS	Unid	OTHR 50 pps 5.1 second bursts S8	RF73MF	ZL1GWE
21218	11.8	2021`	12	25	<0506>	0506	PXX				CHN	Unid	OTHR Chinese 43 pps 3.1 second bursts S8	RF73MF	ZL1GWE
21229	10.7	2021	12	29	<0225>	0225	PXX				RUS	Unid	OTHR Russian 42 pps 6.05 second	RF73MF	ZL1GWE

													bursts S7		
21274.2	47.2	2021	12	22	<0556>	0556	PXX				RUS	Unid	OTHR Russian 50 pps 5.1 second bursts S9	RF73MF	ZL1GWE
21318.6	129k	2021	12	19	<0532>	0532	PXX				CHN	Unid	OTHR Chinese 50 pps 10.2 second bursts S7	RF73MF	ZL1GWE
21366	22k	2021	12	26	<0518>	0518	PXX				RUS	Unid	OTHR Russian 42 pps 6.1 second bursts S7	RF73MF	ZL1GWE
21396.5	161k	2021	12	25	<0453>	0453	PXX				CHN	Unid	OTHR Chinese 10 pps 52 second bursts S5	RF73MF	ZL1GWE
21415.4	153k	2021	12	19	<0508>	0508	PXX				CHN	Unid	OTHR Chinese 50 pps 10 second bursts S7	RF73MF	ZL1GWE

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