



INTERNATIONAL AMATEUR RADIO  
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



September 2021

Titon Dutono, YB3PET

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

For this period there were 35 observations from ARSI, 67 observations from JARL, and 6 observations from NZART. By this month's sampling, there are a total of 113 observations of intruders made across the Region.

The most prominent intruders are in the following table,

| No. | Band | Class Emission | Administration | Description                                                          |
|-----|------|----------------|----------------|----------------------------------------------------------------------|
| 1.  | 40m  | A1A            | RUS            | Beacon                                                               |
|     |      | J3E/U          | CLN            | Speaker in Sinhala. language talking continuously. Good signal noted |
|     |      | PXX            | RUS            | OTHR Russian 50 pps                                                  |
|     |      | A3E            | ETHIO          | Fair signal and speech and music in african language                 |
| 2.  | 20m  | PXX            | CHN            | OTHR Chinse 66 pps 3.9 second bursts S7                              |
|     |      |                | RUS            | OTHR Russian Continuous S7 50 pps                                    |

Note: <ARSI> This month as usual 40 meter band is always occupied by srilankan trawlers and sometimes languages similar to Thai was also heard on 40 and sometimes on 20 also. A new station from ETHIOPIA is occupying 7110 khz in the evening here in India with fair to good signal.

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 14<sup>th</sup> day of each month.

Thanks for your support.

Titon YB3PET

## Attachments of Data Report

### ARSI: 35 observations

| kHz   | BW | YYYY | MM | BW | YEAR | MONTH | DD | UTC            | Emm   | Bd | Hdg | ADM  | ID    | Remarks/Details                                                                    | Grid   | Society          |
|-------|----|------|----|----|------|-------|----|----------------|-------|----|-----|------|-------|------------------------------------------------------------------------------------|--------|------------------|
| 7090  | 3  | 2020 | 3  | 3  | 2021 | 9     | 1  | <0215<br>0230> | J3E/U |    |     | CLN  | UNID  | Speech in sinhala by male and very good signal noted.                              | MK71UJ | ARSI-MONI-VU3SIO |
| 7140  | 3  | 2020 | 3  | 3  | 2021 | 9     | 3  | <1630<br>1700> | A3E   |    |     | UNID | VOBM  | Today strong signal was oboserved and speech in african language                   | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  | 3  | 2020 | 3  | 3  | 2021 | 9     | 4  | <1700<br>1730> | A3E   |    |     | UNID | UNID  | Station not idenified amd also language, Announcements and good signal noted.      | MK71UJ | ARSI-MONI-VU3SIO |
| 7154  | 3  | 2020 | 3  | 3  | 2021 | 9     | 5  | <0130<br>0145> | J3E/U |    |     | CLN  | UNID  | Fair signal and talk in sinhala by male to male                                    | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  | 3  | 2020 | 2  | 3  | 2021 | 9     | 5  | <0230<br>0245> | J3E/U |    |     | UNID | UNID  | Language not identified which is similar to thai.                                  | MK71UJ | ARSI-MONI-VU3SIO |
| 7140  | 3  | 2020 | 2  | 3  | 2021 | 9     | 6  | <1700<br>1730> | A3E   |    |     | UNID | VOBM  | Fair signal and speech and music in african languaage                              | MK71UJ | ARSI-MONI-VU3SIO |
| 7021  | 3  | 2020 | 2  | 3  | 2021 | 9     | 7  | <0145<br>0200> | J3E/U |    |     | CLN  | UNID  | Fair signal and male talkinfg in sinhala .                                         | MK71UJ | ARSI-MONI-VU3SIO |
| 7145  | 3  | 2020 | 2  | 3  | 2021 | 9     | 8  | <0210<br>0230> | J3E/U |    |     | CLN  | UNID  | Poor signal and talk in sinhala by male.                                           | MK71UJ | ARSI-MONI-VU3SIO |
| 7089  | 3  | 2020 | 2  | 3  | 2021 | 9     | 9  | <0220<br>0230> | J3E/U |    |     | CLN  | UNID  | Male to male talking in sinhala and fair signal noted                              | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  | 3  | 2020 | 2  | 3  | 2021 | 9     | 9  | <1630<br>1700> | A3E   |    |     | UNID | UNID  | Strong signal and speech in a language not identified                              | MK71UJ | ARSI-MONI-VU3SIO |
| 7083  | 3  | 2020 | 2  | 3  | 2021 | 9     | 10 | <0145<br>0200> | J3E/U |    |     | CLN  | UNID  | Male talikng to male in sinhala continuously and good signal noted.                | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  | 3  | 2020 | 2  | 3  | 2021 | 9     | 10 | <1630<br>1700> | A3E   |    |     | UNID | ETHIO | Station identified .Radio Ethiopia with good signal and speech in african language | MK71UJ | ARSI-MONI-VU3SIO |
| 7086  | 3  | 2020 | 2  | 3  | 2021 | 9     | 11 | <0145<br>0200> | J3E/U |    |     | CLN  | UNID  | Male talking in sinhala and good signal was noted.                                 | MK71UJ | ARSI-MONI-VU3SIO |
| 14201 | 3  | 2020 | 2  | 3  | 2021 | 9     | 12 | <0200<br>0230> | J3E/U |    |     | CLN  | UNID  | Male talking to male in sinhala and good signal was noted.                         | MK71UJ | ARSI-MONI-VU3SIO |
| 7086  |    |      |    | 3  | 2021 | 9     | 12 | <0200<br>0215> | J3E/U |    |     | CLN  | UNID  | Good signal and talk in sinhala by male tol male.                                  | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  |    |      |    | 3  | 2021 | 9     | 14 | <0200<br>0215> | J3E/U |    |     | CLN  | UNID  | Fair signal and talk in sinhala by male tol male.                                  | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  |    |      |    | 3  | 2021 | 9     | 15 | <1630<br>1700> | A3E   |    |     | UNID | ETHIO | Signal was good and speech in etihopian by male.                                   | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  |    |      |    | 3  | 2021 | 9     | 16 | <1600<br>1630> | A3E   |    |     | UNID | ETHIO | Signal was strong from BC statiom and announcement in between                      | MK71UJ | ARSI-MONI-VU3SIO |
| 14265 |    |      |    | 3  | 2021 | 9     | 17 | <0130<br>0145> | J3E/U |    |     | CLN  | UNID  | Language spoken in sihala by male and good signal moted                            | MK71UJ | ARSI-MONI-VU3SIO |
| 7110  |    |      |    | 3  | 2021 | 9     | 18 | <1530<br>1600> | A3E   |    |     | UNID | ETHIO | Good audio from the BC station and speech in between.                              | MK71UJ | ARSI-MONI-VU3SIO |

|      |  |  |  |   |      |   |    |                 |       |  |  |      |       |                                                                   |        |                      |
|------|--|--|--|---|------|---|----|-----------------|-------|--|--|------|-------|-------------------------------------------------------------------|--------|----------------------|
| 7110 |  |  |  | 3 | 2021 | 9 | 19 | <.1700<br>1715> | A3E   |  |  | UNID | ETHIO | Good signal and announcement in ethiopian language.               | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7180 |  |  |  | 3 | 2021 | 9 | 20 | <0215<br>0230>  | J3E/U |  |  | CLN  | UNID  | Talk in sinhala by male and poor signal moted.                    | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 20 | <1645<br>1715>  | A3E   |  |  | UNID | ETHIO | Good siganl and speech by male.                                   | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 21 | <1630<br>1700>  | A3E   |  |  | UNID | ETHIO | Speech in ethiopian by male and fair signal noted                 | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 22 | <1600<br>1630>  | A3E   |  |  | UNID | ETHIO | Fair signal and speech by male in between the<br>prohtams         | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7104 |  |  |  | 3 | 2021 | 9 | 24 | <0200<br>0215>  | J3E/U |  |  | CLN  | UNID  | Talk in sinhala by male and good signal moted.                    | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 24 | <1630<br>1700>  | A3E   |  |  | UNID | ETHIO | Fair signal from BC station and announcement by<br>male.          | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7138 |  |  |  | 3 | 2021 | 9 | 25 | <0200<br>0215>  | J3E/U |  |  | CLN  | UNID  | Fair signal was noted and male talking in sinhala<br>continuously | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 25 | <1630<br>1700 > | A3E   |  |  | UNID | ETHIO | Announcement by male and fair signal was obsserved.               | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7100 |  |  |  | 3 | 2021 | 9 | 27 | <0200<br>0215>  | J3E/U |  |  | CLN  | UNID  | Male talking to male in sinhala and good signal was<br>noted.     | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 27 | <1600<br>1630>  | A3E   |  |  | UNID | ETHIO | Fair signal observed and talk in ethiopian language               | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7101 |  |  |  | 3 | 2021 | 9 | 28 | ,<0200<br>0215> | J3E/U |  |  | CLN  | UNID  | Fair signal and talk in sinhala by male to male                   | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 28 | <1630<br>1700>  | A3E   |  |  | UNID | ETHIO | Talk in african langauge and fair signal was noted                | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7071 |  |  |  | 3 | 2021 | 9 | 30 | <0145<br>0200>  | J3E/U |  |  | CLN  | ETHIO | Talk in sinhala by male and fair signal was observed              | MK71UJ | ARSI-MONI-<br>VU3SIO |
| 7110 |  |  |  | 3 | 2021 | 9 | 30 | <1600<br>1630>  | A3E   |  |  | UNID | ETHIO | Announcement by male and fair signal was obsserved.               | MK71UJ | ARSI-MONI-<br>VU3SIO |

JARL: 67 observations

| kHz    | BW  | YYYY | MM | DD | UTC   | Emm     | Bd | Sft | Hdg | ADM | ID        | Description                   | Grid   | Society |
|--------|-----|------|----|----|-------|---------|----|-----|-----|-----|-----------|-------------------------------|--------|---------|
| 7000.0 | 6.0 | 2021 | 09 | 21 | 12:30 | Jamming |    |     |     |     |           | Signal RS:59                  | PM84XT | JARL    |
| 7005.0 | 3.0 | 2021 | 09 | 14 | 12:24 | J3E/L   |    |     |     |     |           | Language:Tagalog,With no Call | PM84XT | JARL    |
| 7039   | 0.5 | 2021 | 09 | 01 | 1050  | A1A     |    |     | 15  | RUS | M--signal | Beacon                        | PM97   | JARL    |
| 7039   | 0.5 | 2021 | 09 | 01 | 1230  | A1A     |    |     | 15  | RUS | M--signal | Beacon                        | PM97   | JARL    |
| 7039   | 0.5 | 2021 | 09 | 01 | 1410  | A1A     |    |     | 15  | RUS | M--signal | Beacon                        | PM97   | JARL    |
| 7039   |     | 2021 | 09 | 02 | 1050  | non     |    |     |     | non | non       | non                           | PM97   | JARL    |

|      |     |      |    |    |      |     |  |  |    |     |           |        |      |      |
|------|-----|------|----|----|------|-----|--|--|----|-----|-----------|--------|------|------|
| 7039 |     | 2021 | 09 | 02 | 1210 | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 03 | 1050 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 03 | 1220 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 |     | 2021 | 09 | 04 | 1040 | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 04 | 1230 | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 05 | 1010 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 05 | 1210 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 06 | 1050 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 06 | 1220 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 07 | 1050 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 07 | 1230 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 08 | 1050 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 08 | 1220 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 09 | 1040 | A1A |  |  | 15 | RUS | M-signal  | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 09 | 1230 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 10 | 1050 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 10 | 1220 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 11 | 1050 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 11 | 1210 | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 |     | 2021 | 09 | 12 | 1040 | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 12 | 1220 | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 13 | 1030 | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 13 | 1230 | non |  |  |    | non | non       | non    | PM97 |      |

|      |     |      |    |    |             |     |  |  |    |     |           |        |      |      |
|------|-----|------|----|----|-------------|-----|--|--|----|-----|-----------|--------|------|------|
|      |     |      |    |    |             |     |  |  |    |     |           |        |      | JARL |
| 7039 |     | 2021 | 09 | 14 | 1030        | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 14 | 1240        | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 15 | 1050        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 15 | 1230        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 16 | 1050        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 16 | 1220        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 |     | 2021 | 09 | 17 | 1050        | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 17 | <b>1240</b> | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 18 | 1030        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 18 | 1230        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 19 | 1030        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 19 | 1230        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 20 | 1050        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 |     | 2021 | 09 | 20 | 1230        | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 21 | 1030        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 21 | 1230        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 22 | 1050        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 |     | 2021 | 09 | 22 | 1230        | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 23 | 1050        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 | 0.5 | 2021 | 09 | 23 | 1230        | A1A |  |  | 15 | RUS | M--signal | Beacon | PM97 | JARL |
| 7039 |     | 2021 | 09 | 24 | 1050        | non |  |  |    | non | non       | non    | PM97 | JARL |
| 7039 |     | 2021 | 09 | 24 | 1230        | non |  |  |    | non | non       | non    | PM97 | JARL |

|        |     |      |    |    |       |         |  |  |    |     |           |                                |        |      |
|--------|-----|------|----|----|-------|---------|--|--|----|-----|-----------|--------------------------------|--------|------|
| 7039   | 0.5 | 2021 | 09 | 25 | 1050  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   |     | 2021 | 09 | 25 | 1230  | non     |  |  |    | non | non       | non                            | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 26 | 0740  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 26 | 1030  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   |     | 2021 | 09 | 26 | 1230  | non     |  |  |    | non | non       | non                            | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 27 | 1050  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 27 | 1220  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   |     | 2021 | 09 | 28 | 1030  | non     |  |  |    | non | non       | non                            | PM97   | JARL |
| 7039   |     | 2021 | 09 | 28 | 1230  | non     |  |  |    | non | non       | non                            | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 29 | 1050  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 29 | 1220  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 30 | 1040  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   | 0.5 | 2021 | 09 | 30 | 1210  | A1A     |  |  | 15 | RUS | M--signal | Beacon                         | PM97   | JARL |
| 7039   |     | 2021 | 09 | 30 | 1420  | non     |  |  |    | non | non       | non                            | PM97   | JARL |
| 7050.0 | 3.0 | 2021 | 09 | 07 | 11:30 | A3E     |  |  |    |     |           | Foreign language broadcasting. | PM84XT | JARL |
| 7141.0 | 6.0 | 2021 | 09 | 28 | 12:20 | Jamming |  |  |    |     |           | Signal RS:59                   | PM84XT | JARL |

**NZART: 6 observations**

| kHz     | BW   | YYYY |    | DD | UTC    | GMT  | Emm | ADM | ID   | Description                               | GRID   | Society |
|---------|------|------|----|----|--------|------|-----|-----|------|-------------------------------------------|--------|---------|
| 14105.5 | 10.5 | 2020 | 09 | 13 | <0545> | 0545 | PXX | CHN | Unid | OTHR Chinse 66 pps 3.9 second bursts S7   | RF73MF | ZL1GWE  |
| 14055   | 10   | 2021 | 09 |    | <0700> | 0700 | PXX | CHN | Unid | OTHR Chinese 66 pps 3.8 second bursts S5  | RF73MF | ZL1GWE  |
| 14148   | 18   | 2021 | 09 |    | <0706> | 0706 | PXX | CHN | Unid | OTHR Chinese S7 4 second bursts 66 pps    | RF73MF | ZL1GWE  |
| 14232.2 | 18.8 | 2021 | 09 |    | <0652> | 0652 | PXX | RUS | Unid | OTHR Russian Continuous S9                | RF73MF | ZL1GWE  |
| 14257.7 | 10.4 | 2021 | 09 |    | <0419> | 0419 | PXX | RUS | Unid | OTHR Russian Continuous S7 50 pps         | RF73MF | ZL1GWE  |
| 21386.5 | 10.4 | 2021 | 09 |    | <0555> | 0555 | PXX | CHN | Unid | OTHR Chinese 40-50 second bursts S3 9 pps | RF73MF | ZL1GWE  |

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