



INTERNATIONAL AMATEUR RADIO  
UNION

REGION THREE

MONITORING SYSTEM NEWS LETTER



October 2020

Titon Dutono, YB3PET

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

For this period there were 18 observations from ARSI, 87 observations from JARL, and 57 observations from WIA. By this month's sampling, there are a total of 162 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 |
|     |      | PON            | CHN            | 5Sec Burst every 40secs                                            |
| 2.  | 20 m | PON            | CHN            | 4sec Burst every 40 secs                                           |
|     |      | PON            | RUS            | 4sec Burst every 40 secs                                           |

Note: NONE

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: 18 observations

| kHz   | BW | YYYY | MM | BW | YEAR | MONTH | DD | UTC          | Emm   | ADM  | ID   | Remarks/Details                                                             | Grid   | Society          |
|-------|----|------|----|----|------|-------|----|--------------|-------|------|------|-----------------------------------------------------------------------------|--------|------------------|
| 7110  | 3  | 2020 | 3  | 3  | 2020 | 10    | 1  | <0230-0245>  | J3E/U | CLN  | UNID | Talk in sinhala by male . Fair signal was noted.                            | MK71UJ | ARSI-MONI-VU3SIO |
| 7109  | 3  | 2020 | 3  | 3  | 2020 | 10    | 3  | <0200 -0230> | J3E/U | CLN  | UNID | Male talk in sinhala and poor signal was noted.                             | MK71UJ | ARSI-MONI-VU3SIO |
| 14242 | 3  | 2020 | 3  | 3  | 2020 | 10    | 4  | <1200 1230>  | J3E/U | CLN  | UNID | Fair signal was noted and talk in sinhala by male continued                 | MK71UJ | ARSI-MONI-VU3SIO |
| 7115  | 3  | 2020 | 3  | 3  | 2020 | 10    | 5  | <0200 0230>  | J3E/U | CLN  | UNID | Male talk in sinhala and goodsignal was noted.                              | MK71UJ | ARSI-MONI-VU3SIO |
| 14242 | 3  | 2020 | 2  | 3  | 2020 | 10    | 5  | <1130 1200>  | J3E/U | UNID | UNID | Talk in a language similar to thai by male and good signal was observed.    | MK71UJ | ARSI-MONI-VU3SIO |
| 7132  | 3  | 2020 | 2  | 3  | 2020 | 10    | 6  | <0200 0230>  | J3E/U | CLN  | UNID | Signal was very fair and talk in singhala by male continued intermediately. | MK71UJ | ARSI-MONI-VU3SIO |
| 7137  | 3  | 2020 | 2  | 3  | 2020 | 10    | 8  | <0200 0215>  | J3E/U | CLN  | UNID | Fair signal was noted.Male talking in sinhala continued.                    | MK71UJ | ARSI-MONI-VU3SIO |
| 14222 | 3  | 2020 | 2  | 3  | 2020 | 10    | 9  | <1115 1130>  | J3E/U | UNID | UNID | Language similar to thai languagae and fair signal . Talk by male to male.. | MK71UJ | ARSI-MONI-VU3SIO |
| 7181  | 3  | 2020 | 2  | 3  | 2020 | 10    | 12 | 0230 0245>   | J3E/U | CLN  | UNID | speaker in sinhala.language talking contnuously. Good signal noted          | MK71UJ | ARSI-MONI-VU3SIO |
| 7123  | 3  | 2020 | 2  | 3  | 2020 | 10    | 12 | <1045 1200>  | J3E/U | CLN  | UNID | Talk in sinhala by male and fair signal was noted.                          | MK71UJ | ARSI-MONI-VU3SIO |
| 7176  | 3  | 2020 | 2  | 3  | 2020 | 10    | 16 | <1130 1145>  | J3E/U | CLN  | UNID | Fair signal.was note and talk in sinhala continued by male.                 | MK71UJ | ARSI-MONI-VU3SIO |
| 7103  | 3  | 2020 | 2  | 3  | 2020 | 10    | 17 | <0200 0230 > | J3E/U | CLN  | UNID | Fair signal was noted and the male talk in sinhala.                         | MK71UJ | ARSI-MONI-VU3SIO |
| 7045  | 3  | 2020 | 2  | 3  | 2020 | 10    | 20 | <0200 0245>  | J3E/U | CLN  | UNID | Fair signal .and language in sinhala. Talking to another male.              | MK71UJ | ARSI-MONI-VU3SIO |
| 7089  | 3  | 2020 | 2  | 3  | 2020 | 10    | 20 | <0245 0300>  | J3E/U | CLN  | UNID | Signal was fair and talk in sinhala language by 2 male.                     | MK71UJ | ARSI-MONI-VU3SIO |
| 7109  | 3  | 2020 | 2  | 3  | 2020 | 10    | 22 | <0230 0245>  | J3E/U | CLN  | UNID | .Signal was fair.. 2 male talking each other                                | MK71UJ | ARSI-MONI-VU3SIO |
| 7052  |    |      |    | 3  | 2020 | 10    | 23 | <0200 0230>  | J3E/U | CLN  | UNID | Fair signal was noted and talk in sinhala                                   | MK71UJ | ARSI-MONI-VU3SIO |
| 7115  |    |      |    | 3  | 2020 | 10    | 26 | ,<0230 0245> | J3E/U | CLN  | UNID | Signal was fair and talk in sinhala.                                        | MK71UJ | ARSI-MONI-VU3SIO |
| 14252 |    |      |    | 3  | 2020 | 10    | 29 | <1130 1200>  | J3E/U | UNID | UNID | Poor signal and talk in a language similar to thai. Yet to identify.        | MK71UJ | ARSI-MONI-VU3SIO |

JARL: 87 observations

| kHz  | BW  | YYYY | MM | DD | UTC  | Emm | Hdg | ADM | ID        | Description | Grid  | Society |
|------|-----|------|----|----|------|-----|-----|-----|-----------|-------------|-------|---------|
| 7039 | 0.5 | 2020 | 10 | 01 | 1052 | A1A | 15  | RUS | M--signal | Beacon      | PM97  | JARL    |
| 7039 | 0.5 | 2020 | 10 | 01 | 1054 | A1A | 321 | RUS | F--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 01 | 1210 | A1A | 15  | RUS | M--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 01 | 1212 | A1A | 321 | RUS | F--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 01 | 1410 | A1A | 15  | RUS | M--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 02 | 1050 | A1A | 321 | RUS | F--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 02 | 1052 | A1A | 15  | RUS | M--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 02 | 1230 | A1A | 321 | RUS | F--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 02 | 1232 | A1A | 15  | RUS | M--signal | Beacon      | PM 97 | JARL    |
| 7039 | 0.5 | 2020 | 10 | 03 | 1050 | A1A | 15  | RUS | M--signal | Beacon      | PM 97 | JARL    |

|      |     |      |    |    |      |     |     |     |           |        |       |      |
|------|-----|------|----|----|------|-----|-----|-----|-----------|--------|-------|------|
| 7039 | 0.5 | 2020 | 10 | 03 | 1052 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 03 | 1220 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 03 | 1222 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 04 | 1020 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 04 | 1220 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 04 | 1410 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 05 | 1102 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 05 | 1230 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 05 | 1410 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 06 | 1050 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 06 | 1052 | A1A | 37  | RUS | K--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 06 | 1054 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 06 | 1230 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 07 | 1054 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 07 | 1056 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 07 | 1220 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 08 | 1102 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 08 | 1230 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 09 | 1054 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 09 | 1210 | A1A | 15  | RUS | M-signal  | Beacon | PM 97 | JARL |
| 7039 | non | 2020 | 10 | 10 | 1100 | non | non | non | non       | Beacon | PM 97 | JARL |
| 7039 | non | 2020 | 10 | 10 | 1210 | non | non | non | non       | Beacon | PM 97 | JARL |
| 7039 | non | 2020 | 10 | 10 | 1410 | non | non | non | non       | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 11 | 1030 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 11 | 1032 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 11 | 1220 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 11 | 1222 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 12 | 1030 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 13 | 1040 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 14 | 1046 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 14 | 1210 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 15 | 1040 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 15 | 1042 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 15 | 1220 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 16 | 1056 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1050 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1052 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1230 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1232 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1420 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1422 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1630 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1632 | A1A | 15  | RUS | M--signal | Beacon | PM 97 | JARL |
| 7039 | 0.5 | 2020 | 10 | 17 | 1810 | A1A | 321 | RUS | F--signal | Beacon | PM 97 | JARL |

|        |     |      |    |    |       |         |     |     |           |                 |        |      |
|--------|-----|------|----|----|-------|---------|-----|-----|-----------|-----------------|--------|------|
| 7039   | 0.5 | 2020 | 10 | 18 | 1010  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 18 | 1210  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 19 | 1030  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 19 | 1220  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 20 | 1116  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 20 | 1118  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 21 | 1050  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 21 | 1052  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 21 | 1230  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 22 | 1102  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 22 | 1104  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 22 | 1212  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 22 | 1214  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 22 | 1410  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 23 | 1050  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 23 | 1210  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 24 | 1054  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 24 | 1212  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 25 | 1020  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 25 | 1210  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 26 | 1050  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 26 | 1220  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 27 | 1050  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 27 | 1052  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 27 | 1210  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 28 | 1050  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 29 | 1054  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 29 | 1220  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 30 | 1050  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 31 | 1050  | A1A     | 15  | RUS | M--signal | Beacon          | PM 97  | JARL |
| 7039   | 0.5 | 2020 | 10 | 31 | 1052  | A1A     | 321 | RUS | F--signal | Beacon          | PM 97  | JARL |
| 7120.0 | 3.0 | 2020 | 10 | 13 | 12:15 | Jamming |     |     |           | Signal<br>RS:59 | PM84XT | JARL |
| 7195.0 | 3.0 | 2020 | 10 | 20 | 12:20 | Jamming |     |     |           | Signal<br>RS:59 | PM84XT | JARL |

WIA: 57 observations

| Frequency<br>- kHz | Band<br>width<br>kHz | YYYY | MM | DD | GMT/UTC | Emission | Baud,<br>Pulse-<br>Sweep<br>Rate | Administration | ID<br>Callsign | Description                 | Grid<br>Locator | Readability/Strength | Society | Comment |
|--------------------|----------------------|------|----|----|---------|----------|----------------------------------|----------------|----------------|-----------------------------|-----------------|----------------------|---------|---------|
| 7020               | 3                    | 2020 | 10 | 01 | 0415>   | P0N      | 66.6                             | CHN            |                | 5Sec Burst every<br>40secs  | QF22md          | S8                   | WIA     | VK3MV   |
| 7085               | 3                    | 2020 | 10 | 02 | 0315>   | P0N      | 66.6                             | CHN            |                | 4sec Burst every<br>40 secs | QF22md          | S7                   | WIA     | VK3MV   |

|         |    |      |    |    |        |        |      |      |  |                                  |        |         |     |       |
|---------|----|------|----|----|--------|--------|------|------|--|----------------------------------|--------|---------|-----|-------|
| 7106    | 10 | 2020 | 10 | 03 | 0155>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+10dB | WIA | VK3MV |
| 14030   | 10 | 2020 | 10 | 03 | 0615>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S6      | WIA | VK3MV |
| 14033.0 | 40 | 2020 | 10 | 03 | 0700>  | P0N    | 10   | RUS  |  | Continuous                       | QF22md | S9      | WIA | VK3MV |
| 14041   | 10 | 2020 | 10 | 05 | 0445>  | P0N    | 10   | RUS  |  | Continuous                       | QF22md | S8/9    | WIA | VK3MV |
| 14054   | 10 | 2020 | 10 | 05 | 0710>  | P0N    | 10   | RUS  |  | Continuous                       | QF22md | S9      | WIA | VK3MV |
| 14055   | 10 | 2020 | 10 | 06 | 0645>  | P0N    | 10   | RUS  |  | 4sec Burst every 40 secs         | QF22md | S9      | WIA | VK3MV |
| 14066   | 10 | 2020 | 10 | 07 | 0130>  | P0N    | 58   | unid |  | Continuous                       | QF22md | S9      | WIA | VK3MV |
| 14094   | 10 | 2020 | 10 | 07 | <2345> | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S3/4    | WIA | VK3MV |
| 14101   | 10 | 2020 | 10 | 08 | 0640>  | P0N    | 58   | unid |  | Continuous                       | QF22md | S9      | WIA | VK3MV |
| 14104   | 10 | 2020 | 10 | 08 | 0640>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9      | WIA | VK3MV |
| 14104   | 10 | 2020 | 10 | 08 | 0640>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+10dB | WIA | VK3MV |
| 14104.0 | 10 | 2020 | 10 | 09 | 0604>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+20dB | WIA | VK3MV |
| 14107   | 10 | 2020 | 10 | 10 | 0230>  | P0N    | 66.6 | CHN  |  | 3sec Burst every 40 secs         | QF22md | S9      | WIA | VK3MV |
| 14108   | 10 | 2020 | 10 | 10 | 0230>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+10dB | WIA | VK3MV |
| 14110.0 | 40 | 2020 | 10 | 11 | 0555>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9      | WIA | VK3MV |
| 14115.0 | 10 | 2020 | 10 | 13 | 0420>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S8      | WIA | VK3MV |
| 14118.0 | 40 | 2020 | 10 | 13 | 0635>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+10dB | WIA | VK3MV |
| 14118   | 40 | 2020 | 10 | 13 | 0635>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S7      | WIA | VK3MV |
| 14118   | 10 | 2020 | 10 | 13 | 0635>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+20dB | WIA | VK3MV |
| 14120   | 40 | 2020 | 10 | 13 | 0635>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9      | WIA | VK3MV |
| 14127   | 10 | 2020 | 10 | 13 | 1335>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9+15dB | WIA | VK3MV |
| 14139.0 | 10 | 2020 | 10 | 13 | 1335>  | J3E(L) |      | IND  |  | Village radio chatter            | QF22md | S5      | WIA | VK3MV |
| 14141   | 10 | 2020 | 10 | 13 | 1400   | J3E(L) |      | IND  |  | Village radio chatter-multi stns | QF22md | S6/7    | WIA | VK3MV |
| 14142   | 10 | 2020 | 10 | 15 | 0315>  | P0N    | 9.5  | unid |  | OHR Continuous                   | QF22md | S9      | WIA | VK3MV |
| 14143   | 10 | 2020 | 10 | 16 | 0215>  | P0N    | 9.5  | unid |  | OHR Continuous                   | QF22md | S6      | WIA | VK3MV |
| 14157   | 40 | 2020 | 10 | 16 | 0215>  | P0N    | 66.6 | CHN  |  | 4sec Burst every 40 secs         | QF22md | S9      | WIA | VK3MV |

|         |    |      |    |    |           |      |      |       |  |                          |        |         |     |       |
|---------|----|------|----|----|-----------|------|------|-------|--|--------------------------|--------|---------|-----|-------|
| 14158   | 40 | 2020 | 10 | 16 | 0215>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S7      | WIA | VK3MV |
| 14166.0 | 10 | 2020 | 10 | 16 | 0215>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14173   | 10 | 2020 | 10 | 16 | 0541-0545 | P0N  | 9.5  | unid  |  | Continuous               | QF22md | S9      | WIA | VK3MV |
| 14177   | 10 | 2020 | 10 | 17 | 0430>     | P0N  | 50   | unid  |  | Continuous               | QF22md | S9      | WIA | VK3MV |
| 14182.0 | 10 | 2020 | 10 | 17 | 2258>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S6      | WIA | VK3MV |
| 14188   | 10 | 2020 | 10 | 17 | 2258>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S7      | WIA | VK3MV |
| 14200   | 10 | 2020 | 10 | 17 | 2258>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S8      | WIA | VK3MV |
| 14215   | 10 | 2020 | 10 | 18 | 0820>     | OFDM | 66.6 | unid  |  | 3sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14221.0 | 10 | 2020 | 10 | 20 | 0510      | P0N  | 9.5  | unid  |  | Continuous               | QF22md | S9      | WIA | VK3MV |
| 14227   | 10 | 2020 | 10 | 20 | 0510      | P0N  | 9.5  | unid  |  | Continuous               | QF22md | S9      | WIA | VK3MV |
| 14234   | 10 | 2020 | 10 | 20 | 0600>     | P0N  | 66.6 | CHN   |  | 3sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14236   | 10 | 2020 | 10 | 20 | 0600>     | P0N  | 66.6 | CHN   |  | 3sec Burst every 40 secs | QF22md | S9+20dB | WIA | VK3MV |
| 14247.0 | 10 | 2020 | 10 | 23 | 0825>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14247.0 | 10 | 2020 | 10 | 23 | 0825>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14251   | 10 | 2020 | 10 | 23 | 0825>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14253   | 10 | 2020 | 10 | 24 | 0945>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S7      | WIA | VK3MV |
| 14254   | 10 | 2020 | 10 | 24 | 0945>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9+10dB | WIA | VK3MV |
| 14258   | 10 | 2020 | 10 | 24 | 0952>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14272   | 10 | 2020 | 10 | 26 | 0615>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |
| 14273   | 10 | 2020 | 10 | 27 | 0800>     | P0N  | 9.5  | uniod |  | Continuous               | QF22md | S9+10dB | WIA | VK3MV |
| 14280.0 | 10 | 2020 | 10 | 28 | 2330>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S7      | WIA | VK3MV |
| 14280.0 | 40 | 2020 | 10 | 28 | 2330>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S6      | WIA | VK3MV |
| 14290.0 | 40 | 2020 | 10 | 29 | 0810>     | P0N  | 9.5  | unid  |  | Continuous               | QF22md | S9      | WIA | VK3MV |
| 14293   | 10 | 2020 | 10 | 29 | 0810>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S7      | WIA | VK3MV |
| 14308   | 40 | 2020 | 10 | 29 | 0810>     | P0N  | 66.6 | CHN   |  | 4sec Burst every 40 secs | QF22md | S9      | WIA | VK3MV |

|       |    |      |    |    |       |     |      |      |  |                             |        |        |     |       |
|-------|----|------|----|----|-------|-----|------|------|--|-----------------------------|--------|--------|-----|-------|
| 14311 | 10 | 2020 | 10 | 31 | 0505> | P0N | 56   | unid |  | Continuous                  | QF22md | S7/8   | WIA | VK3MV |
| 14318 | 10 | 2020 | 10 | 31 | 0505> | P0N | 66.6 | CHN  |  | 4sec Burst every<br>40 secs | QF22md | S7     | WIA | VK3MV |
| 14339 | 10 | 2020 | 10 | 31 | 0800> | P0N | 56   | unid |  | Continuous                  | QF22md | S9+5dB | WIA | VK3MV |
| 14340 | 10 | 2020 | 10 | 31 | 2245> | P0N | 66.6 | CHN  |  | 4sec Burst every<br>40 secs | QF22md | S8     | WIA | VK3MV |

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