News and info

As we can see in this month’s statistic graph, once again the Over the Horizon radars’ have been the transmissions have been the most reported during November, followed by transmissions sent in different MIL modes. It is these types of transmissions that cause the most damage to our HF amateur radio bands.

However, we must not forget the existence of other intrusions on these bands. Many of them are also received on a daily basis and their emissions are also annoying, and some of them, long-lasting.

For instance, just to we often received A3E (AM) transmissions from the broadcasting station “Radio Ethiopia” on 7110 kHz. We could also get many times F3E (FM) transmissions from several RUS taxi dispatch stations on different frequencies in the 10 m band, or Spanish fishers sending their J3E (USB) transmissions on the 15 m band, putting very strong signals; or the daily A1A /CW) QTC sent on 21438 kHz by the RUS navy station “RCV”.
Detailed reports of national coordinators

Abbreviations used (as per IARUMS definitions)

aka = also known as  |  BC = Broadcast  |  BD = Baud, (or also Burst duration)  |  BRI = Burst repetition interval  
BW = Bandwidth  |  ca = approximate  |  CHN = PRC = People’s Republic of China  |  CF = Center frequency  
DF = Direction finding (radio location; see also TDoA)  |  FMCW = frequency modulated continuous wave
FMOP = frequency modulated on pulse  |  OTHR = over the horizon radar  |  Radar = if exact mode unknown
SH = Shift (Hz)  |  sps = sweeps per second  |  TDoA = Time difference of arrival  |  ui = unid = unidentified.

DARC; Daniel, DL3RTL. Credit to monitors: DL2SCH, Jürgen; DL8SER, Klaus; F4FPR, Benjamin; DL4HG, Olaf; DK8WG, Claus; DJ4WT, Christian; DG6MDG, Helmut; DL1IAV, Eduard; D03K1M, Detlef; DB3TA, Alex

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DARC; Daniel, DL3RTL. Credit to monitors: DL2SCH, Jürgen; DL8SER, Klaus; F4FPR, Benjamin; DL4HG, Olaf; DK8WG, Claus; DJ4WT, Christian; DG6MDG, Helmut; DL1AV, Eduard; DO3KIM, Detlef; DB3TA, Alex

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IRTS; Michael EI3GYB

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<td>Russian or Ukrainian radio stations. Daily. Huge signals, persistent.</td>
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<td>Radar from 7145 to 7160 kHz. Medium signal. Persistent.</td>
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<td>Radar from 7166 to 7193 kHz. Very strong and persistent.</td>
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<td>Strong and persistent. Still on 13th at 1245z.</td>
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<td>China Radio International, splattering down to 7198. Strong signal.</td>
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<td>Male voices in a SE Asian language. Medium signals. Most likely fishermen.</td>
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<td>CRI. Mixing product. Nearly daily with a medium to weak signal.</td>
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<td>Chinese Foghorn. 14320 to 14325 kHz. On and off.</td>
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<td>Very strong and persistent signal. Also heard on 18th at 1145z.</td>
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<td>Russian navy, Sevastopol. Medium signal, daily.</td>
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<td>Brazilian Cbers. Medium signals. Often.</td>
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<td>Iranian radar from 28 to 30 MHz. Daily, all hours of daylight. Medium to strong signals. Moving up and down the band or staying inside certain parameters. Very serious pest.</td>
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<td>RUS</td>
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<td>Russian taxi service. Female voice. Persistent.</td>
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<td>Brazilian Cbers. Group of male voices. Medium to strong signals. Heard until fade out around 1045z.</td>
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<td>Male voice in a SE Asian language.</td>
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## Monthly Newsletter

IARUMS R1

**IRTS; Michael EI3GYB**

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<td>Medium signal, in and out.</td>
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<td>SE Asian fishermen. Weak to medium signal. In and out.</td>
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<td>SE Asian fishermen. Weak to medium signals. In and out.</td>
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**PZK; SP3AMO, SP5GNI**

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### PZK; SP3AMO, SP5GNI

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### SRAL; Pekka, OH2BLU

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### USKA Peter, HB9CET

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Contact: Gaspar Miró, EA6AMM, ea6amm@iaru-r1.org

IARUMS R1 Coordinators: [https://www.iaru-r1.org/spectrum/monitoring-system/iarums-region-1-coordinators/](https://www.iaru-r1.org/spectrum/monitoring-system/iarums-region-1-coordinators/)

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