

ICAO MID GNSS/PBN Workshop

**Group Activity - Updating Regional Reporting
Procedure on GNSS RFI**

Cairo- Egypt

29 Sep to 1 Oct 2026



ICAO MID Region GNSS RFI Reporting Procedure

(endorsed in 2018)

In case of GNSS anomaly detected by aircrew,

Pilot action(s) should include:

- a) reporting the situation to ATC as soon as practicable and requesting special handling as required;
- a) filing a GNSS Interference Report using the Template at **Appendix A**, and forwarding information to the IATA MENA (sfomena@iata.org) and ICAO MID Office (icaomid@icao.int) as soon as possible, including a description of the event (e.g. how the avionics failed/reacted during the anomaly).

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Air Traffic Controller action(s) should include:

- a) recording minimum information, including aircraft call sign, type, location, altitude and date/time of the occurrence;
- b) cross check with other aircraft in the vicinity; broadcasting the anomaly report to other aircraft and adjacent ATS units, as necessary;

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ANSP action(s) should include:

- a) ensuring the issuance of appropriate advisories and NOTAM, as necessary;
- b) attempting to locate/determine the source of the interference, if possible;
- c) notifying the agency responsible for frequency management (the Telecommunication Regulatory Authority);
- d) locate and eliminate source in cooperation with local regulatory & enforcement Authorities;
- e) tracking and reporting all activities relating to the anomaly until it is resolved; and
- f) review the effectiveness of the mitigation measures for improvement.

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ICAO MID Office action(s) should include:

- a) collect anomaly related information and determine the course of action required to resolve reported anomalies;
- b) follow-up with State having interference incident to ensure implementation of required corrective actions;
- c) coordinate with concerned adjacent ICAO Regional Office(s) to follow-up with States under their accreditation areas, when needed; and
- d) Communicate with ITU Arab Office and Arab Spectrum Management Group to resolve frequent interference incidents, when needed.

AN-CONF/14 Recommendation 2.2/2e:

through the mechanism of the planning and implementation regional groups, develop regional global navigation satellite system reporting mechanisms, to the extent feasible, to raise operational awareness of affected geographical areas as described in the Global Navigation Satellite System (GNSS) Manual (Doc 9849);

The Objective of the brainstorming session is to assess and update the existing MID Region GNSS RFI Reporting, for review, improvement and endorsement, as deem necessary, by the CNS SG MIDANPIRG.



Key Discussion Points (20 mins)

- 1- establish the need for a GNSS RFI reporting Procedure
 - Why is a harmonized reporting procedure needed?
 - If there is existing reporting procedure, what gaps or challenges exist with current reporting practices?
- 2- the objective of the proposed procedure
 - What should the procedure achieve?

Key Discussion Points (20 mins)

3- identify key stakeholders and their involvement

- identify all stakeholders that may be involved in the reporting, assessment, coordination, and resolution of GNSS RFI, including: (Pilot, ATC, CNS, CAA, ICAO, Radio regulator (Telecommunication administration), ITU, MIL,...etc)

4- identify chain of communication including escalation process

- define the communication flow from initial detection/reporting through assessment and resolution

Key Discussion Points (20 mins)

5- considerations for reporting continuation and discontinuation

- consider when reporting should discontinue particularly in cases of excessive or persistent RFI.
- identify circumstances in which continued reporting may result in reporting fatigue or limited added value.
- explore whether clear criteria should be established for when reporting may be reduced, suspended, or discontinued, while ensuring that safety-relevant information continues to be captured.
- consider lessons learned and practices from other regions.

Ground Rules

- 1- every idea and opinion is valued and encouraged
- 2- everyone is invited to participate; diverse inputs from different backgrounds and experiences are essential
- 3- **be mindful of the time**, brief & precise and short sentences are appreciated

Expected Outcome

- Each Group: assign a champion to present the outcome of discussion (3 mins for each group)
- The workshop will consolidate similar thoughts and discuss dissimilar opinion
- Revised GNSS Reporting Procedure for the MID Region