



ICAO

الهيئة العامة للطيران المدني  
GENERAL CIVIL AVIATION AUTHORITY



# MIDANPIRG 21 and RASG-MID 11

ABU DHABI, UAE | MARCH 4-8, 2024

## CNS Matters





# CNS Matters

# Surveillance Matters



***Mohamed Iheb Hamdi***

***ICAO Regional Officer, Aerodromes and Ground Aids***

***ICAO MID Coordinator for CNS Files/Projects***



## Surveillance Matters: Surveillance Systems

Proposal that the Conclusion be replaced and superseded by new a new one referring to a **new Deadline**

### ***MIDANPIRG CONCLUSION 20/50: RADAR DATA SHARING IN THE MID REGION***

*That, the Radar Data Sharing Action Group (RDS AG) be:*

*a) established to assess the feasibility of Radar data sharing among MID States, identify challenge(s) and possible solution(s) and implementation by **1 January 2024**; and*

*b) composed of:*

- Ibrahim Faraj (Jordan); - Seyed Mirseed (Iran); - Loay Beshawri (Saudi Arabia);*
- Yousif Al Awadi (UAE); - Jehad Faqir (IATA); and - ICAO MID RO/CNS.*



## Surveillance Matters: Surveillance Systems

ICAO EUR/MID Radio Navigation Symposium held in Antalya, Türkiye, 6-8 February 2024

### *CNS Related Topics:*

- *Rationalization of Conventional NAV Aids*
- *GNSS interference*
  - *GPS Outages and Its Operational Impacts*
  - *ADS-B to detect GNSS RFI*
  - *GBAS for detection of GNSS RFI*
  - *GNSS RFI: Jamming vs Spoofing*
  - *GNSS RFI: mitigation, monitoring*
- *Mode N -Digital Solution for CNS Sustainability*



# Surveillance Matters: Surveillance Systems

## 2024 MID Region GNSS Workshop

*Raise awareness measure to mitigate RFI on surveillance systems:*

- *Use of multi constellation/multi frequency GNSS*
- *Employing multiple surveillance sensors in critical areas*
- *Use of monitoring and prediction tools/applications*

---

# Thank You

