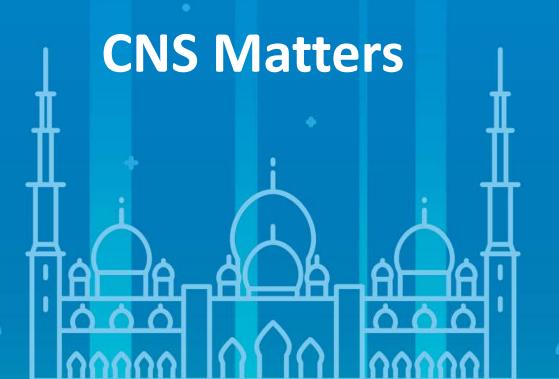






MIDANPIRG 21 and RASG-MID 11

ABU DHABI, UAE | MARCH 4-8, 2024







CNS Matters

Surveillance Matters

Mohamed Iheb Hamdi ICAO Regional Officer, Aerodromes and Ground Aids ICAO MID Coordinator for CNS Files/Projects



ABU DHABI, UAE | MARCH 4-8, 2024

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Proposal that the Conclusion be replaced and superseded by new a new one referring to a **new Deadline**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

