



*International Civil Aviation Organization*

**MIDANPIRG Communication, Navigation and Surveillance Sub-Group**

**Eleventh Meeting (CNS SG/11)**  
*(Muscat, Oman, 16-19 May 2022)*

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**Agenda Item 2: Follow-up on MIDANPIRG/19 Conclusions and Decisions relevant to CNS**

FOLLOW-UP ON MIDANPIRG/19 CONCLUSIONS AND DECISIONS RELEVANT TO CNS

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the status of MIDANPIRG/19 Conclusions and Decisions relevant to CNS

Action by the meeting is at paragraph 3.

**REFERENCES**

- MIDANPIRG/19 Meeting Report (14-17 February 2022)

**1. INTRODUCTION**

1.1 The MIDANPIRG/19 meeting was held in Riyadh, Saudi Arabia, 14 to 17 February 2022. The meeting adopted 27 Conclusions and Decisions.

**2. DISCUSSION**

2.1 The the status of MIDANPIRG/19 Conclusions and Decisions relevant to CNS is at **Appendix A**.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to note:

- a) the progress made for the implementation of the MIDANPIRG/19 Conclusions and Decisions relevant to CNS as at **Appendix A**; and
- b) take action, as appropriate.

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APPENDIX A

FOLLOW-UP ACTION PLAN ON MIDANPIRG/19 CONCLUSIONS & DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 19/4	<p><b>REPORTING OF GNSS RFI TO ITU</b></p> <p>That, States are invited to report frequent GNSS radio frequency interferences to ITU Radio-communication Bureau (ITU-BR), describing GNSS RFI impact either in their State or reported by their registered aircraft.</p>	Frequent unresolved GNSS RFI	Reports to ITU-BR	States	2022	SL Ref.: AN 7/30.21 & ME 3-22/064 dated 12 April 2022 (Replies:
C. 19/5	<p><b>WEB- BASED MID AIR NAVIGATION REPORT (2021)</b></p> <p>That, the Web-based MID Air Navigation Report (2021) is endorsed.</p>	Report to the status of ASBU implementation in the MID Region for 2021	Web-based MID AN Report 2021	ICAO	Feb, 2022	Web-based MID AN report was endorsed <a href="https://www.icao.int/MIDANReport/Pages/default.aspx">https://www.icao.int/MIDANReport/Pages/default.aspx</a>
C. 19/6	<p><b>WEB-BASED MID REGION AIR NAVIGATION REPORT (2022)</b></p> <p>That, in order to prevent the Non-RVSM approved aircraft from operating within the MID RVSM airspace:</p> <p>That,</p> <p>a) States be urged to provide the ICAO MID Office with:</p> <p>i) relevant data necessary for the development of the MID Region Air Navigation Report (2022) (Status of ASBU Implementation), by <b>1 December 2022</b>;</p> <p>ii) the data necessary for the measurement of the KPIs (01, 02, 13 and 14) for the period June &amp; July 2022, by the <b>1 October 2022</b>; and</p> <p>b) the MID Air Navigation Report (2022) be presented to the MIDANPIRG/20 for endorsement.</p>	Report to the status of ASBU implementation in the MID Region for 2022	Web-based MID AN Report 2022	ICAO	May, 2022	

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C. 19/21	<p><b>REDUCED CHANNEL SPACING FOR VHF NAV</b></p> <p>That, the ICAO MID Office, process a proposal for amendment to the MID ANP Volume II, CNS Specific Requirements to implement reduced channel spacing for Radio Navigation Aids.</p>	To reduce the channel spacing for VHF NAV	PfA	ICAO	May 2022	<b>Ongoing</b>
D. 19/22	<p><b>TORS OF THE FREQUENCY MANAGEMENT WORKING GROUP</b></p> <p>That, the Terms of Reference of the Frequency Management WG be updated as at <b>Appendix 5.8A.</b></p>	Revised TOR				
D. 19/23	<p><b>RADALT ACTION GROUP</b></p> <p>That, the Radio Altimeter (RADALT) Action Group be:</p> <p>a) established to develop guidance material to protect the aircraft operations from potential Radio Altimeter interference associated with the deployment of cellular broadband/5G ground infrastructure near the bands used by RADALT; and</p> <p>b) composed of:</p> <p>Ridha Dridi, (Saudi Arabia, Rapporteur);  Khaled Alhazmi (Saudi Arabia)  Fares A. Alzahrani (Saudi Arabia)  Abdullaziz Hussain (Saudi Arabia)  Mohammed Kamal (Egypt);  Nevin Askar (Jordan);  Talal Al Jasmi (UAE);  Jehad Faqir (IATA);</p>	To develop guidance material on protecting RADALT Operation from potential 5G interference	guidance material on protecting RADALT Operation from potential 5G interference	RADALT AG	July 2022	<p>SL Ref.: AN 7/5.6 &amp; ME3-22/045 dated 11 April 2022</p> <p><b>Ongoing</b></p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	Hecham Bennani (ACAO); Gerlof E Osinga (Boeing) ICAO MID RO/CNS					
D. 19/24	<p><b>5G SAFEGUARDING MEASURES</b></p> <p>That, the CNS SG coordinate with the RASG-MID relevant subsidiary bodies the 5G Safeguarding measures around the aerodromes to protect RADALT from any interference.</p>		Coordination with RASG-MID regarding 5g Safeguarding measures	CNS SG	2022	<b>Ongoing</b>
C. 19/25	<p><b>STATISTICS ON ADS-B EQUIPAGE LEVEL</b></p> <p>That the MIDRMA Board explore the possibility to extend the functions and responsibilities of the MIDRMA to include the collection and sharing of information on the level of ADS-B equipage of the registered fleet and all flights operating from/to or through the MID RVSM airspace.</p>	to provide of information on the level of ADS-B equipage	MIDRMA to provide of information on the level of ADS B equipage	MIDRMA	2022	<b>Ongoing</b>
D. 19/26	<p><b>MID REGION SURVEILLANCE PLAN</b></p> <p>That, the CNS SG, in coordination with the ATM SG update the MID Region Surveillance Plan (MID Doc 013) considering the outcome of the ADS-B Webinar and MID States' experience in ADS-B implementation.</p>	To update the MID region SUR plan with global developments	Updated MID Region SUR plan	CNS SG	2022	<b>Ongoing</b>