



*International Civil Aviation Organization*

**Seventh Meeting of Performance Based Navigation Sub-Group  
(PBN SG/7)**

**(Virtual Meeting, 5 - 6 December 2022)**

---

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

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

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents MIDANPIRG/19 Conclusions and Decisions relevant to PBN and the follow-up actions taken.

Action by the meeting is at paragraph 3.

**REFERENCE**

- MIDANPIRG/19 Report

**1. Introduction**

1.1 The meeting will recall that MIDANPIRG/19 meeting was held in Riyadh, Saudi Arabia, 14 to 17 February 2022. The meeting adopted 27 Conclusions and Decisions, 2 Conclusions and 2 Decisions that would be of interest to the group.

1.2 It should be recalled that the PBN Sub-Group is tasked to follow-up on the implementation issues related to PBN and to inform MIDANPIRG on progress, achievement, and problems being encountered.

**2. Discussion**

2.1 This paper provides the meeting with an update on the status of MIDANPIRG/19 Conclusions and Decisions related to PBN. It also shows the follow-up actions taken by concerned parties as at **Appendix A**.

**3. Action by the Meeting**

3.1 The meeting is invited to note the follow-up action on the list of Conclusions and Decisions at **Appendix A**; and provide updates as appropriate.

-----

APPENDIX 2A

FOLLOW-UP ACTION PLAN ON MIDANPIRG/18 AND 19 CONCLUSIONS & DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 18/22	<p><b>ACTION PLAN FOR THE IMPLEMENTATION OF RNAV TO RNP CHART NAMING CONVENTION</b></p> <p>That, States, that have not yet done so, be urged to provide the ICAO MID Office with their Action Plan for the implementation of RNAV to RNP Chart naming convention, including the status/plans of implementation by September 2021.</p>	<p>Monitoring and Reporting of RNAV to RNP Chart naming convention implementation and status in the MID Region</p>	<p>State Letter</p> <p>Dashboard of RNAV to RNP Chart naming convention status in the MID Region</p>	<p>ICAO</p> <p>States</p>	<p>Sep. 2021</p>	<p><b>Actioned (To be closed)</b></p> <p>(File Ref : AN 6/29 – 21/072 dated 19 May 2021)</p> <p>Update on the subject in PPT/14</p>
C. 18/23	<p><b>PBN SIDS AND STARS IMPLEMENTATION</b></p> <p>That, PBN SIDs and STARS be implemented at all runway ends of international aerodromes listed in the MID Air Navigation Plan as per the agreed targets in the MID Region Air Navigation Strategy (APTA Thread).</p>	<p>Monitoring and Reporting of APTA THREAD /B0/2 Element PBN SID and STAR procedures (with basic capabilities) implementation and status in the MID Region</p>	<p>State Letter</p> <p>APTA THREAD /B0/2 Element PBN SID and STAR procedures (with basic capabilities) status in the MID Region</p>	<p>ICAO</p> <p>States</p>	<p>Sep. 2021</p>	<p><b>Actioned (To be closed)</b></p> <p>(File Ref : AN 6/28 – 21/076 dated 19 May 2021)</p> <p>Update on the subject in PPT/15</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 19/6	<p><b>WEB-BASED MID REGION AIR NAVIGATION REPORT - 2022</b></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 1 December 2022;</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 1 October 2022; and</p> <p>b) the MID Air Navigation Report (2022) be presented to the MIDANPIRG/20 for endorsement.</p>	Monitoring and Reporting of ASBU implementation in the MID Region	<p>State Letter</p> <p>Data for WEB-BASED AN Report 2022</p> <p>WEB-BASED AN Report 2022 Air Navigation Report (2022)</p>	<p>ICAO</p> <p>States</p> <p>ICAO</p>	<p>June. 2022</p> <p>Dec. 2022</p> <p>Dec. 2022</p>	<p><b>Ongoing</b></p> <p>(File Ref.: AN 1/7 – 22/116 dated 6 June 2022)</p>
C 19/10	<p><b>CONDUCT OF A WORKSHOP ON CCO/CDO IMPLEMENTATION IN 2022</b></p> <p>That,</p> <p>a) a Workshop on CCO/CDO implementation be organized in 2022, in collaboration with MID FPP, to provide necessary knowledge about the ICAO provisions on the subject and share experience and best practices on CCO/CDO implementation by States/Airspace users; and</p> <p>b) States and International Organizations are strongly encouraged to participate actively in this Workshop.</p>	Foster the implementation of CCO/CDO in MID Region and share knowledge, experience and best practices on CCO/CDO implementation by States/Airspace users	Workshop	ICAO	2022	<p><b>Completed</b></p> <p>ICAO MID Workshop on the Continuous Climb Operations (CCO) / Continuous Descent Operations (CDO) Implementation successfully held in Abu Dhabi, UAE, 13 - 14 June 2022</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
D 19/11	<p><b>ESTABLISHMENT OF CCO/CDO AD HOC WORKING GROUP</b></p> <p>That, a CCO/CDO Ad Hoc Working Group:</p> <p>a) be established to develop guidance related to the publication of CCO/CDO information (text and Charts) in the AIP, in coordination with the relevant MIDANPIRG and RASG MID subsidiary bodies.</p> <p>b) be composed of:</p> <ul style="list-style-type: none"> <li>— Chairpersons of the PBN SG*, AIM SG and ATM SG</li> <li>— Mrs. Sheila Brizo, (QCAA Qatar)</li> <li>— Mrs. Lindi-Lee Kirkman (IATA)</li> <li>— Mr. Muhammad Al Juhani (Saudi Arabia)</li> <li>— Secretariat</li> </ul> <p>c) present their outcome during the AIM SG/8 and PBN SG/7 meeting.</p> <p>* the rapporteur of the group is the Chairman of the PBN SG.</p>	<p>Support States' ANS to publish CCO/CDO information (text and Charts) so text be easily found in the States AIPs</p>	<p>Guidance material related to the publication of CCO/CDO information (text and Charts)</p>	<p>CCO/CDO Ad Hoc Working Group</p>	<p>2022</p>	<p><b>Actioned (To be closed)</b></p> <p>Update on the subject in WP/9</p>
D 19/12	<p><b>ESTABLISHMENT OF THE MID REGION PBN IMPLEMENTATION PLAN AD HOCWORKING GROUP (PBN IP AD-HOCWG)</b></p> <p>That, the PBN Implementation Plan Ad Hoc Working Group:</p> <p>a) be established to review the MID Region PBN Implementation Plan (MID Doc 007) and develop a revised version for review by the PBN SG/7 meeting and to the MIDANPIRG/20 meeting for subsequent endorsement, to keep pace with the developments, including the GANP 6th Edition and the MID Region Air</p>	<p>To keep pace with the developments, including the GANP 6th Edition and the MID Region Air Navigation Strategy (MID Doc 002, Edition February 2021);</p>	<p>Updated version of the MID Region PBN Implementation Plan (MID Doc 007)</p>	<p>PBN IP AD-HOCWG</p>	<p>2022</p>	<p><b>Actioned (To be closed)</b></p> <p>Update on the subject in WP/11</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	Navigation Strategy (MID Doc 002, Edition February 2021); and b) be composed of: – Chairpersons of the PBN SG* and ATM SG – Mr. Saqr Al Marashda (GCAA UAE) – Mr. Hamed Al Zubaidi (GCAA UAE) – Mr. Ahmed Al Shehhi (GCAA UAE) – Mr. Muhammad Al Juhani (Saudi Arabia) – Secretariat * the rapporteur of the group is the Chairman of the PBN SG.					

- END -