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Международная
организация
гражданской
авиации

منظمة الطيران
المدنى الدولى

国际民用
航空组织

File Ref.: ME 3/2.4 – 20/173

24 September 2020

**Subject: Fifth Meeting of the Performance Based Navigation Sub-Group
(PBN SG/5)
(Virtual Meeting, 19 - 20 October 2020)**

Action required: Reply not later than 08 October 2020

Sir,

I have the honour to inform you that the Fifth Meeting of the Performance Based Navigation Sub-Group (PBN SG/5) will be held through Video Teleconferencing on 19 - 20 October 2020. Details on the exact timing of the sessions will be provided at a later stage. Your Administration/Organization is kindly invited to participate in this virtual meeting.

The Provisional Agenda for the meeting and the Terms of Reference (TORs) for PBN SG are at **Attachments A** and **B**, respectively. Your comments on the attached Provisional Agenda, including any amendment you may wish to suggest, would be appreciated.

This letter, all its relevant attachments and Working/Information Papers and PowerPoint presentations (as they become available), will be posted in PDF format on the ICAO MID website at: www.icao.int/mid.

I would appreciate if you could, as soon as possible, preferably not later than **8 October 2020**, confirm the participation of your Administration/Organization giving the names and contact details of your delegate(s), by submitting the Nomination Form at **Attachment C** to the following email address (icaomid@icao.int).

Accept, Sir, the assurances of my highest consideration.



Mohamed Smaoui
Acting Regional Director
Middle East Office

Attachments

APPENDIX A

**FIFTH MEETING OF THE PERFORMANCE BASED
NAVIGATION SUB-GROUP (PBN SG/5)**

(Virtual Meeting, 19 - 20 October 2020)

PROVISIONAL AGENDA

- Agenda Item 1:** Adoption of the Provisional Agenda
- Agenda Item 2:** Follow-up on MIDANPIRG/17 and MSG/7 Conclusions and Decisions relevant to PBN
- Agenda Item 3:** Global and Regional Developments
- Agenda Item 4:** Revised MID Air Navigation Strategy
- Agenda Item 5:** Future Work Programme
- Agenda Item 6:** Any other Business

**PERFORMANCE BASED NAVIGATION SUB-GROUP
(PBN SG)**

1. Terms of Reference

1.1 The terms of reference of the PBN Sub-Group are:

- a) ensure that the implementation of PBN in the MID Region is coherent and compatible with developments in adjacent regions, and is in line with the Global Air Navigation Plan (GANP), the Aviation System Block Upgrades (ASBU) methodology and the MID Region Air Navigation Strategy;
- b) monitor the status of implementation of the MID Region PBN-related ASBU Modules included in the MID Region Air Navigation Strategy as well as other required PBN supporting infrastructure, identify the associated difficulties and deficiencies and provide progress reports, as required;
- c) keep under review the MID Region PBN performance objectives/priorities, develop action plans to achieve the agreed performance targets and propose changes to the MID Region PBN plans/priorities, through the ANSIG, as appropriate;
- d) seek to achieve common understanding and support from all stakeholders involved in or affected by the PBN and GNSS developments/activities in the MID Region;
- e) provide a platform for harmonization of developments and deployments of PBN concentrating on PBN for approach and terminal areas;
- f) monitor and review the latest developments in the area of PBN and procedure design, provide expert inputs for PBN-related issues; and propose solutions for meeting ATM operational requirements;
- g) monitor and review the latest GNSS developments and activities;
- h) carry out necessary studies for the establishment of a MID Flight Procedure Programme Office;
- i) provide regular progress reports to the ANSIG and MIDANPIRG concerning its work programme; and
- j) review periodically its Terms of Reference and propose amendments, as necessary.

1.2 In order to meet the Terms of Reference, the PBN Sub-Group shall:

- a) provide necessary assistance and guidance to States to ensure harmonization and interoperability in line with the GANP, the MID ANP and ASBU methodology;

- b) provide necessary inputs to the MID Air Navigation Strategy through the monitoring of the agreed Key Performance Indicators related to PBN;
- c) identify and review those specific deficiencies and problems that constitute major obstacles to the provision of efficient PBN implementation, and recommend necessary remedial actions;
- d) develop and lead the work programme of the MID PBN Support Team (MPST) including the conduct of MPST visits;
- e) assist States that may require support in the implementation of PBN, through MPST support teams;
- f) conduct study related to the establishment of the MID Flight Procedure Programme office;
- g) monitor the progress of studies, projects, trials and demonstrations by the MID Region States, and other ICAO Regions in PBN and GNSS;
- h) study requirements for GNSS Augmentation Systems in the MID Region, and develop implementation plans; and
- i) foster the implementation of PBN through proper training and qualification of the procedure design personnel and all other personnel involved in PBN implementation.

2. COMPOSITION

2.1 The Sub-Group is composed of:

- a) MIDANPIRG Member States;
- b) concerned International and Regional Organizations as observers; and
- c) other representatives from provider States and Industry may be invited on ad-hoc basis, as observers, when required.
