



*International Civil Aviation Organization*

**Middle East Air Navigation Planning and  
Implementation Regional Group**

**Fifteenth Meeting (MIDANPIRG/15)**  
**(Bahrain, 8 – 11 June 2015)**

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**Agenda Item 5.2.1: MID Region air navigation priorities and target (ASBU Implementation)**

**PBN REGIONAL ACTIVITIES**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the outcome of the PBN SG/1 meeting related to the PBN activities in the MID Region. It provides also a briefing on the PBN services provided by ICAO.

Action by the meeting is at paragraph 3.

**REFERENCES**

- ICAO Electronic Bulletin EB 2015/2 dated 6 January 2015
- MIDANPIRG/14 Report
- PBN SG/1 Report

**1. INTRODUCTION**

1.1 The First Meeting of the Performance Based Navigation Sub-Group (PBN SG/1) was held at the ICAO MID Regional Office in Cairo, Egypt, 1 – 3 April 2014. The meeting was attended by a total of thirty three (33) participants from ten (10) States (Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Qatar, Saudi Arabia, Sudan, and United Arab Emirates) and one (1) International Organization (IATA).

**2. DISCUSSION**

2.1 The meeting may wish to note that the PBN Go-Team Visit Phase II was held in Abu Dhabi, UAE, 19-30 January 2014. The event was organized jointly by IATA and ICAO and hosted by the Emirates General Civil Aviation Authority (GCAA). The event included a PBN Airspace Planning Concept Workshop.

2.2 In the same vein, a PBN Implementation Workshop/PBN Go-Team was held in Tunis, Tunisia, 24-28 February 2014. The event was organized by ICAO (EUR and MID) with the support of EUROCONTROL and hosted by the Tunisian Civil Aviation Authority.

2.3 The PBN SG/1 was apprised of the outcomes of the above Workshops and noted with appreciation that the two events were successful and fruitful. The Summaries of Discussions of the mentioned Workshops are available on the ICAO MID Regional Office website.

2.4 In line with MIDANPIRG/14 outcome related to PBN and the benefit of the PBN Workshops, the PBN SG/1 meeting encouraged States to coordinate with ICAO the hosting of additional PBN Workshops. The Workshops would include a support mission to the hosting State to assess their current PBN implementation status and provide a list of recommendations to foster the PBN implementation with clear follow-up actions. In this respect, the meeting may wish to note that Egypt requested to host a PBN Workshop end of 2015, which might be held back to back with the PBN SG/2 meeting.

2.5 The PBN SG/1 meeting recalled that MIDANPIRG/14 underlined that the lack of procedure designers in the MID Region is one of the PBN implementation challenges. It was emphasized that cooperative efforts were necessary to overcome this challenge. In this respect, the meeting noted that the DGCA-MID/2 meeting, through Conclusion 2/5 agreed that a study related to the establishment of a MID Region Flight Procedure Programme (FPP) be carried out within the framework of the PBN Sub-Group, taking into consideration similar programmes in other ICAO Regions.

2.6 Based on the above, the PBN SG/1 meeting initiated the discussions on the establishment of the MID FPP, taking into consideration the experience of the Asia-Pacific (APAC) FPP and AFI FPP. The meeting agreed to propose to the MAEP Board the establishment of the MID FPP as a project of MAEP. Accordingly, the meeting agreed to the following Draft Conclusion:

*DRAFT CONCLUSION 1/3: MID FPP*

*That, the MID FPP be established under the MAEP framework as a project/working package of the MAEP Project Management Office (PMO).*

2.7 The meeting may wish to note that the MAEP Board/1 meeting (Cairo, Egypt, 23-25 June 2014) agreed to endorse the MID FPP as one of the MAEP projects.

2.8 The meeting may wish to recall that, MIDANPIRG/13 established the MID PBN Support Team (MPST). It was agreed that the ICAO MID Regional Office provide the leadership, UAE be the champion of the MPST, IATA provide the required support and MID States assign members and allocate necessary resources to assist the MPST.

2.9 The PBN SG/1 meeting noted that no MPST Visit was conducted. In this regard, the meeting reviewed the Terms of Reference (TORs) of the MPST taking into consideration the latest developments related to PBN and the establishment of MAEP. Accordingly, the meeting agreed to the following Draft Decision:

<b>Why</b>	The support will be provided through MAEP (MID FPP)
<b>What</b>	To dissolve the MID PBN Support Team
<b>Who</b>	MIDANPIRG/15
<b>When</b>	June 2015

*DRAFT DECISION 1/4: DISSOLUTION OF THE MPST*

*That, the MPST be dissolved.*

2.10 The meeting may wish to note that after completion of a very successful roll-out of free PBN information and training sessions, ICAO is offering a suite of PBN products and services, at a cost

that covers the full range of near- and medium-term implementation needs of States and aviation stakeholders. ICAO considers that provision of these PBN products and services is essential in light of the forecast doubling of international air transport traffic by 2030.

2.11 Since ICAO first began raising PBN awareness, it has learned a great deal about what States and stakeholders need in terms of PBN implementation assistance. ICAO has therefore structured the new PBN products and services into six specific categories. The list of products and services can be found on the ICAO PBN website at <http://www.icao.int/safety/pbn/Pages/default.aspx> and requests by States for the PBN products or services can be submitted electronically to ICAO through [PBN@icao.int](mailto:PBN@icao.int). The ICAO Electronic Bulletin EB 2015/2 dated 6 January 2015, at **Appendix A**, refers.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) agree on the Draft Decision 1/4 emanating from the PBN SG/1 meeting;
- b) encourage States to:
  - i. coordinate with ICAO the hosting of PBN Workshops/Training Courses; and
  - ii. utilize the ICAO products and services as appropriate.

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International Civil Aviation Organization

## ELECTRONIC BULLETIN

For information only

EB 2015/2

6 January 2015

### NEW PERFORMANCE-BASED NAVIGATION (PBN) PRODUCTS AND SERVICES

1. Performance-based navigation (PBN) is the air transport community's highest air navigation implementation priority. It has demonstrated the benefits of evolving from sensor-based to performance-based in terms of safety, optimized airspace, reduced fuel burn and emissions (noise and greenhouse gas), more efficient routes, and the ability to maintain reliable all-weather operations; even at the most challenging airports.
2. After completion of a very successful roll-out of free PBN information and training sessions, ICAO is pleased to offer a suite of PBN products and services, at a cost, that covers the full range of near- and medium-term implementation needs of States and aviation stakeholders. ICAO considers that provision of these PBN products and services is essential in light of the forecast doubling of international air transport traffic by 2030.
3. Since ICAO first began raising PBN awareness, it has learned a great deal about what States and stakeholders need in terms of PBN implementation assistance. ICAO has therefore structured the new PBN products and services into six specific categories. The list of products and services can be found on the ICAO PBN website at <http://www.icao.int/safety/pbn/Pages/default.aspx> and requests by States for the PBN products or services can be submitted electronically to ICAO through [PBN@icao.int](mailto:PBN@icao.int).
4. States are encouraged to utilize the products and services as appropriate to help with their PBN planning and implementation initiatives. Roll-out has already commenced and all products and services are now available, on a first-come, first-served basis.

Issued under the authority of the Secretary General