



International Civil Aviation Organization

The Ninth Meeting of the ICAO Asia/Pacific Performance-Based Navigation Task Force (PBN/9)

Bangkok, Thailand, 27-30 March 2012

Agenda Item 6: PBNTF Task List

REVIEW OF PBN TF TASK LIST

(Presented by the Secretariat)

SUMMARY

This paper presents the PBN Task Force Tasks List for review.

This paper relates to –

Strategic Objectives:

A: Safety – Enhance global civil aviation safety

C: Environmental Protection and Sustainable Development of Air Transport – Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment

Global Plan Initiatives:

GPI-5 RNAV and RNP (Performance-based navigation)

GPI-7 Dynamic and flexible ATS route management

GPI-10 Terminal area design and management

GPI-11 RNP and RNAV SIDs and STARs

GPI-21 Navigation systems

1. INTRODUCTION

1.1 The Task List updated by PBN/TF/8 (New Delhi, India, 9-13 May 2011) is appended as an **Attachment** to this paper.

2. ACTION BY THE MEETING

2.1 The meeting is invited to review, report on and progress the action items.

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TASKS LIST – PBN Task Force

No.	Tasks/Strategy	Category	Status
C4/5	The APAC PBN TF agrees to continue an annual review of the Asia-Pacific Regional PBN Implementation Plan	Reporting	Open. TF/8 agrees on reviewing the regional plan based on new nav. Specifications becoming available and new appendices being developed.
A4/15	Request ICAO Headquarter to provide a presentation on the requirement for safety assessment for PBN implementation and overview of how to conduct proper safety assessment at future PBN TF meetings	Education	Open. The TF referred to the PBN SG for the development of safety assessment criteria.
C5/04	The PBN/TF/5 meeting recommends that the PBN Study Group review the current PBN GNSS reporting and prediction requirements with a view to establishing common implementation rules and technical standards for such requirements.	Implementation	Open. APANPIRG Conclusion 20/37 invites ICAO to develop the guidance materials. ICAO NSP is now developing a revision of GNSS manual.
C5/06	That, the PBNSG consider the proposal to develop Guidance Material that provides a means to assign PBN capability to GPS IFR aircraft in the first instance without the need for recertification.	Education	Open. APANPIRG Conclusion 20/37 invites ICAO to develop the guidance materials. At the TF/8, Progress is being done at PBNSG.
C5/12	That, the PBNSG be requested to provide guidance on any PBN-specific aspects of en route safety assessment.	Education	Open.
C5/14	That, ICAO kindly assist with addressing the PBN safety assessment training needs in the region.	Education	Open. ICAO HQ is monitoring FPP plan to provide safety assessment training.
A6/4	IATA is requested to provide the progress on the development of global database for PBN approval at the PBN TF/7 Meeting.	Implementation	Open. At TF/8, IATA reports that the test database to become available August 2012.

No.	Tasks/Strategy	Category	Status
DC6/11	ICAO provides guidance on aircraft that do not have a lateral and vertical readout on the navigation display, but do display the lateral and vertical profile on the navigation equipment, could be considered as alternate means of compliance if supplemented by appropriate flight crew training for RNP value of 0.3 RNP or greater.	Implementation	Open.
DC6/12	Request CNS/MET SG, ATM/AIS/SAR SG, and APANPIRG to review and consider amending the APAC Performance Monitoring and Measurement Metrics 2 and 3 for PBN to include specific measurements that capture operational benefits in terms of PBN's ability to help fulfill strategic objectives (safety, efficiency, capacity, access, and the environment).	Planning	Open.
A6/15	ICAO Secretariat to provide an update report on PBN TF activities to ICAO Route Review TF. The PBN TF also requested that activities of the RR TF to be reported to the PBN TF.	Coordination	Open. At TF/8, APANPIRG is considering restructuring.
A6/19	States are requested to develop Working Papers on back up requirements for PBN to be discussed at the PBN TF/7 Meeting.	Planning	Open.
A7/7	The Secretariat is requested to forward Appendix D [APAC Short Term Implementation Target for Continental, Oceanic and Remote Continental Airspace(s)] to PBN/TF/7 – WP/5 PBN State Plan Harmonization Analysis Report to ICAO HQs for information.		Open.
A8/1	The Secretariat should request ICAO HQ to provide clarification on intent of the RNP 0.3 and 'Advanced RNP' Navigation Specifications by the next meeting.		Open.
A8/2	The Secretariat should issue a State Letter to inform States regarding the revised PBN Implementation Progress Report, and remind States to submit the progress report prior to each Task Force meeting.		Open.
A8/3	The Secretariat should review the PBN State Updates that had been presented and develop a document that identified areas of implementation where additional support and guidance is needed.		Open.

No.	Tasks/Strategy	Category	Status
A8/4	The Secretariat should consider a mechanism that ensures a more cohesive and coordinated effort to respond to State requests for PBN assistance. The meeting noted that there may be a need to form a steering committee to direct resources and set priorities regarding PBN REDI initiatives. The Steering Committee may include representatives from ICAO and International Organizations.		Open.
A8/5	The Secretariat should coordinate to clarify to the PBN Task Force whether ICAO was encouraging a coordinated regional SBAS programme.		Open.
A8/6	Before the next meeting, IATA, Australia, Fiji and Thailand should develop a draft amendment of the TORs, which includes monitoring, providing feedback and encouraging State PBN implementations. The amendment should also include coordinating with ICAO FPP and COSCAP in the training area.		Open.
A8/7	The Secretariat should consider the possibility of a full-time PBN project team supported by States, under the auspices of the Regional Office. The focus of the team would be technical policy advice on PBN oceanic and continental en-route implementations.		Open.
A8/8	The Secretariat should coordinate with the FPP or COSCAP to provide future Seminars on CDO procedure implementation.		Open.
A8/9	The Secretariat should clarify with ICAO HQ what safety assessment processes are required for implementation of PBN and draft an update to the Regional PBN Plan with this information as appropriate.		Open.

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