



*International Civil Aviation Organization*

**SIXTEENTH MEETING OF THE  
COMMUNICATIONS/NAVIGATION/SURVEILLANCE AND  
METEOROLOGY SUB-GROUP (CNS/MET SG/16) OF APANPIRG**

Bangkok, Thailand, 23 – 27 July 2012

**Agenda Item 5: Navigation**

4) review navigation strategy

**NAVIGATION STRATEGY FOR THE ASIA/PACIFIC REGION**

(Presented by Secretariat)

**SUMMARY**

This paper presents Navigation Strategy for the Asia/Pacific Region adopted by APANPIRG/22 meeting 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 Initiative**

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

GPI-11 RNP and RNAV SIDs and STARs

GPI-21 Navigation systems

**1. Introduction**

1.1 The current Navigation Strategy for the Asia/Pacific Region was updated by the Fifteenth Meeting of CNS/MET Sub-Group of APANPIRG in July 2011 and adopted by APANPIRG/22 meeting in September 2011.

1.2 The revised Navigation Strategy was adopted by APANPIRG/22 under Conclusion 22/29. The revised Navigation Strategy has been posted on the ICAO APAC website:

<http://www.bangkok.icao.int/edocs/index.html>

## 2. Discussion

2.1 Taking into account developments in the navigation field in the region and the recommendation from PBNTF/8 meeting to include the minimum requirement of GNSS-enabled area navigation systems for all RNP navigation authorizations in the Strategy, the CNS/MET SG/15 meeting endorsed the revised Navigation Strategy for the Asia/Pacific Region as presented by an Ad Hoc working group

### *Conclusion 22/29 - Revised Navigation Strategy for the Asia/Pacific Region*

*That, the revised Navigation Strategy for the Asia/Pacific Region provided in Appendix H to the Report on Agenda item 3.4 be adopted.*

2.2 The Navigation Strategy is considered as living documents and the APANPIRG continued to review the strategy on a periodic basis and made appropriate amendments, as required.

2.3 The Navigation Strategy is provided in the **Attachment A** to this paper for review by the meeting.

2.4 GREPECAS/16 meeting was held in end of March 2011. The CAR/SAM Strategy for the Evolution of Air Navigation Systems (First Edition) was approved by the GREPECAS/16 meeting which is provided in the **Attachment B** to this paper for reference by this meeting. It was informed that the strategy is going to be reviewed again in 2013 in order to follow up the recommendations of AN-Conf/12 to be held in November 2012.

## 3. Action Required by the Meeting

3.1 The meeting is expected to:

- a) review the Navigation Strategy for the Asia/Pacific Region, in light of developments of aeronautical navigation systems; and
- b) propose updates, if required.

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