



International Civil Aviation Organization

**THIRTEENTH MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND
IMPLEMENTATION REGIONAL GROUP (APANPIRG/13)
Bangkok, Thailand, 9 to 13 September 2002**

**Agenda Item 2: ASIA/PAC Air Navigation System and Related Activities
2.2 CNS/MET Matters**

Agenda Item 3: CNS/ATM Implementation and Related Activities

ADS-B Study and Implementation Task Force

(Presented by Australia)

SUMMARY

The CNS/MET SG/6 meeting has drafted a conclusion to establish an ADS-B Study and Implementation Task Force. This paper expresses Australia's support for the task force and offers to host the first meeting of the task force in November 2002 at Brisbane Australia.

1. INTRODUCTION

- 1.1 The CNS/ATM/IC SG and the CNS/MET SG were both informed of the rapidly evolving applications of Automatic Dependent Surveillance – Broadcast (ADS-B). The Sub Groups considered information from Australia on operational trials of ADS-B for radar like applications, Hong Kong China, Fiji, Mongolia and the United States on the Capstone Project.
- 1.2 The CNS/ATM/IC SG has prepared the following conclusion and decision for consideration by APANPIRG:

Draft Conclusion 9/4 - Selection of ADS-B data link

That, States be encouraged to finalize the choice of an ADS-B data link technology.

Draft Decision 9/5 – Amendment to the key priorities for implementation of the CNS/ATM systems for the Asia/Pacific region

That, the amended list of key priorities for implementation of the CNS/ATM systems for the Asia/Pacific region provided in Appendix A to the Report on Agenda Item 4 be adopted.

The change to the Key Priorities introduces the selection of an ADS-B link technology for the Asia/Pacific.

- 1.3 The CNS/MET SG prepared the following conclusion:

Draft Conclusion 6/9 – ADS-B Study and Implementation Task Force

That,

a) a multidisciplinary Task Force be established consisting of members from Australia, Hong Kong China, Japan, Mongolia, Singapore, United States, IATA, IFALPA and SITA with the Term of Reference provided in Appendix K; and

b) the result of the study to be presented to APANPIRG/14 meeting in 2003.

2. DISCUSSION

- 2.1 The implementation and application of ADS-B offers considerable benefits in terms of services that are currently only provided in radar environments. ADS-B can extend these benefits to areas which are precluded because of physical and economic costs of SSR stations.
- 2.2 Decisions have been taken in Europe and North America on the selection of technology for ADS-B. It is appropriate that the Asia Pacific Region address these considerations in the immediate future. The proposal of the CNS/ATM/IC SG to include ADS-B in the Key Priorities List and the proposal of the CNS/MET SG to establish a task force are supported by Australia.
- 2.3 To facilitate the work of the Task Force, Australia indicates its support and offers to host the first meeting of the task force in Brisbane Australia during November 2002.
- 2.4 The proposal for the first meeting in November 2002 is based on the need to respond to APANPIRG 14.

3 RECOMMENDATION

- 3.1 It is recommended that:
- a) CNS/ATM/IC SG Draft Conclusion 9/4 and Draft Decision 9/5, and
 - b) CNS/MET SG Draft Conclusion 6/9
- be endorsed.
- 3.2 The meeting note the offer by Australia to host the first meeting of the task force.

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