



International Civil Aviation Organization

THE THIRD MEETING OF ADS-B STUDY AND IMPLEMENTATION TASK FORCE (ADS-B TF/3)

Bangkok, Thailand, 23 – 25 March 2005.

Agenda Item 2: Review outcome of

b) APANPIRG/15 on ADS-B and result of 2nd Meeting of the ADS-B Task Force

OUTCOME OF APANPIRG/15 ON MATTERS RELATING TO ADS-B

(Presented by the Secretariat)

SUMMARY

This paper provides result of APANPIRG/15 meeting on the activities carried out by the Second Meeting of ADS-B Task Force meeting held in Bangkok from 22 to 26 April 2004.

1. INTRODUCTION

1.1 The APANPIRG/15 reviewed the work accomplished by the second meeting of the ADS-B Study and Implementation Task Force held in Bangkok from 22 to 26 March 2004. The outcome of APANPIRG/15 on matters relating to ADS-B is provided at Attachment 1 to this paper.

1.2 The report of the second meeting of ADS-B Task Force was also reviewed by CNS/MET SG/8 held in Bangkok 12-16 2004 and ATM/AIS/SAR SG/14 28 June – 2 July 2004. The results of discussion by the sub-groups are provided at paragraph 2 below.

1.3 A subject/task lists of the ADS-B study and implementation Task Force was approved by the APANPIRG/15.

1.4 The outcome of APANPIRG/15 on ADS-B was presented to 41ST DGCA Conference held in Hong Kong China in November 2004. The result was also reviewed by the ADS-B working group meeting held in Singapore in October 2004.

2. DISCUSSION

2.1 The APANPIRG/15 adopted two Conclusions and one Decision formulated by the Task Force. The meeting noted that result of discussions on the report of ADS-B Task Force by ATM/AIS/SAR/SG/14 and CNS/MET/SG/8. It was agreed to refer the comments made by the Sub-groups to the Task Force for further action and study.

2.2 The CNS/MET SG/8 meeting endorsed the draft Conclusions and Draft Decisions of the ADS-B Task Force and noted that there will be a need to initiate action for regional implementations through an amendment to the Doc. 7030 - The Regional Supplementary Procedures (SUPPs). It was suggested that the fast track approach would be for a State in the region to submit a proposal to the Regional Office for amendment of the SUPPs.

2.3 The ATM/AIS/SAR SG/14 meeting also reviewed the report of the ADS-B Task Force. The comments were as follows:

2.3.1 Regarding draft Conclusion 2/2 on the exchange of ADS-B surveillance data with neighbours, ATM/AIS/SAR/SG/14 expressed the view that the data integrity issue in using of data received from other States for application of safety services needs to be adequately studied and addressed.

2.3.2 ATM/AIS/SAR/SG/14 also expressed the view that ADS-B operational procedures should be ready and available before implementation.

2.3.3 ATM/AIS/SAR/SG/14 emphasized the need to carry out inter-regional coordination with neighbouring regions.

2.3.4 The CNS/MET SG/8 noted the above comments. The Sub-Group also considered necessary to encourage States and International Organizations to make arrangement for ATM experts in addition to their CNS experts to participate the activities of the ADS-B Task Force.

2.3.5 The ADS-B working group meeting discussed the comments made by the Sub-groups of APANPIRG on the data integrity issues of ADS-B surveillance data exchange and identified the need to specify the format and means for the exchange of ADS-B surveillance data between States. The meeting noted the need to further carry out inter-regional coordination with neighboring regions as emphasized by the ATM/AIS/SAR Sub-group. The meeting agreed to identify an interface standard for the exchange of ADS-B data

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the outcome of the APANPIRG/15 and comments made by the Sub-groups of APANPIRG; and
- b) note action taken by ADS-B working group.
