

International Civil Aviation Organization



**AUTOMATIC DEPENDENT
SURVEILLANCE – BROADCAST SEMINAR
AND FOURTEENTH MEETING OF
AUTOMATIC DEPENDENT
SURVEILLANCE – BROADCAST (ADS-B)
STUDY AND IMPLEMENTATION TASK
FORCE (ADS-B SITF/14)**



Christchurch, New Zealand, 14 – 17 April 2015

Agenda Item 2: Review the outcome of APANPIRG/25 on ADS-B SITF/13 and the report of SEA/BOB ADS- B WG/10 Meetings

REVIEW OUTCOME OF APANPIRG/25 ON ADS-B

(Presented by Secretariat)

SUMMARY

This paper reviews the outcome of APANPIRG/25 on ADS-B and works accomplished by the Thirteenth Meeting of ADS-B Study and Implementation Task Force including the discussions at Ninth meeting of the SEA/BOB ADS-B Working Group and the Eighteenth meeting of CNS Sub-group of APANPIRG.

1. INTRODUCTION

1.1 APANPIRG/25 meeting held in September 2014 in Kuala Lumpur, Malaysia reviewed the outcome of the Thirteenth Meeting of the Automatic Dependent Surveillance – Broadcast (ADS-B) Study and Implementation Task Force (ADS-B SITF/13) and an ADS-B Seminar held from 22-25 April 2014 in Hong Kong China including the work accomplished by the Ninth meeting of the SEA and BOB ADS-B Working Group. The report of APANPIRG/25 is provided at following website: <http://www.icao.int/APAC/Meetings/Pages/2014APANPIRG25.aspx>

1.2 The SEA/BOB ADS-B Working Group reports its outcome of discussion to APANPIRG through ADS-B Study and Implementation Task Force and CNS Sub-group of the ANPANPIRG. The complete report of the ADS-B SITF/13 meeting including review result of SEA/BOB ADS-B WG/9 meeting is posted at: <http://www.icao.int/APAC/Meetings/Pages/2014-ADSB-SITF13.aspx>

1.3 The reports of Thirteenth Meeting of ADS-B SITF and Ninth Meeting of the SEA/BOB Working Group were also reviewed by CNS SG/18 meeting held in July 2014, Beijing, China in July 2014 and noted by ATM SG/2 meeting held in Augusts 2014.

1.4 The outcome of the APANPIRG/25 on ADS-B was also reviewed by the SEA/BOB WG/10 meeting held in Singapore in November 2014.

1.5 The report of APANPIRG/25 was reviewed by the Air Navigation Commission on 26 February 2015.

2. DISCUSSION

2.1 APANPIRG/25 meeting noted the updates of implementation activities by States and developments and some issues observed during implementation of ADS-B in the Region. The actions taken by APANPIRG/25 meeting on ADS-B related matters are highlighted below:

- **Conclusion 25/27** - based on the responses from APAC States/Administrations, input from ADS-B SITF/13 and ACSICG/1 meetings, ATM SG/2 meeting and consolidation by CNS SG/18 APANPIRG/25 meeting adopted this Conclusion on the regional response to the Recommendations of the AN-Conf/12 as guidance for consideration by the States.

- *Follow-up State Letter was distributed to States/Administrations - T 8/9.1:AP165/14 (CNS) dated 03 December 2014;*

- **Conclusion 25/40** - adopted the revised ADS-B Implementation and Guidance Document. The revised ADS-B Implementation and Guidance Document (AIGD) published on ICAO APAC website.

- *States/Administration were informed about this through State Letter: T 8/10.21 :AP146/14 (CNS) dated 1 October 2014;*

- **Conclusion 25/42** - Through this Conclusion, APANPIRG urged States to implement regulations to give effect to Regional Supplementary Procedure Serial APAC-S12/10 – MID/Asia 5-3 to ensure that all aircraft transmitting ADS-B are compliant with the standards.

- *The follow-up APAC State letter T8/10.21:AP158/14 (CNS) was issued on 13 November 2014.*

- **Conclusion 25/41** – Considering serviceable ADS-B capability was not always consistently indicated in Flight Plan data, CNS SG/18 meeting endorsed a Draft Conclusion about Flight Plan Item 10 ADS-B Indicators which was initially developed by the ADS-B SITF/13 meeting. This adopted conclusion of APANPIRG/25 was noted by Air Navigation Commission (ANC) while review of the report of the Twenty-Fifth meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/25). The ANC requested the Secretary General to take specific action on the conclusions and decisions of APANPIRG/25 meeting.

- *Further follow-up with HQ in this connection will be carried out by the Secretariat.*

- As result of discussion, APANPIRG/25 meeting agreed on a recommendation to review the earlier APANPIRG Conclusion 21/39 (and 21/40 and 20/54) with interested parties before 11 November 2014 to reach a consensus on “to require or not require an Operations Specification or Operational Approval for ADS-B OUT”

- *The same was also discussed at the tenth meeting of SEA/BOB ADS-B WG/10 meeting in November 2014. A separate Working Paper on this will further discuss the result of this recommendation.*

2.2 APANPIRG/25 meeting appreciated the efforts and progress made by the ADS-B SITF and the SEA and BOB ADS-B WG and thanked Hong Kong China for hosting the Thirteenth Meeting of ADS-B Study and Implementation Task Force.

3. ACTION BY THE MEETING

3.1 The meeting is invited to review the outcome of the APANPIRG/25 and take any necessary follow-up actions.
