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)**

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Christchurch, New Zealand, 14 – 17 April 2015

Agenda Item 3: **Review Subject/Tasks List and action items updated by the SEA/BOB WG/10**

**REVIEW ACTION ITEMS FOR ADS-B STUDY AND
IMPLEMENTATION TASK FORCE**

(Presented by the Secretariat)

SUMMARY

This paper presents the latest action items based on the updates by the Tenth meeting of the SEA/BOB Working Group for review by the meeting.

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1. **INTRODUCTION**

1.1   Attachment 1 to the letter of invitation for this meeting provides a list of outstanding action items for members of the Task Force to review and update. The list of action items is also attached to this working paper.

1.2   These action items were consolidated based on the subject/tasks list at previous meetings. Some action items that require further action by SEA/BOB ADS-B Working Group only may not be included into the list.

2. **ACTION BY THE MEETING**

2.1   Members of the Task Force and those leads for some of the action items are invited to provide updates on the status of these action items.

2.2   Most of action items are expected to be completed by this Task Force meeting. Some outstanding action items may need to be handed over to the SEA/BOB ADS-B Working Group for further follow-up.

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LIST OF ACTION ITMES

No.	Subject	Forum Raised	Status / Target Date	Remarks / follow-up	Action Party
1.	To examine existing air-ground communication and surveillance capability in the boarder area between China and Myanmar and identify the need and possibility for sharing ADS-B data from potential ADS-B ground station at Lashio. (China and Myanmar has established new dataline to support voice com. between ACCs of Kunming and Yangon)	SEA ADS-B WG/6	On going ADS-B WG/10	Report status and position at ADS-B SITF/14	China & Myanmar
2.	ATS operational letter of agreements between neighboring FIRs among South China Sea States for radar-like surveillance service (Operational agreement between Singapore and Viet Nam was signed first in Nov. 2013 and later updated in July 2014 for 30 NM separation)	SEA ADS-B WG/6	Ongoing – Reports at each meeting	Report progress at ADS-B SITF/14	China, Hong Kong China, Viet Nam and Singapore
3.	India to coordinate with Bangladesh Maldives and Sri Lanka for ADS-B data sharing	SEA ADS-B WG/7	On-going revised target SEA/BOB WG/10	Coordination Initiated and report status at ADS-B SITF/14	India
4.	Harmonize process of detection bad TX for inclusion into "Blacklist"	SEA/BOB ADS-B WG/8	ADS-B SITF/14	Review and update on the monitoring mechanism	Singapore & Hong Kong China, RSO
5.	ADS-B data sharing agreement for BOB	SEA/BOB ADS-B WG/8	ADS-B SITF/14	Report progress ADS-B SITF14	Myanmar, India
6.	Update "harmonization Framework Document" for BOB	SEA/BOB ADS-B WG/8	ADS-B SITF/14 *(31 Dec. 2012)*	Report progress – on going	India, Myanmar

LIST OF ACTION ITMES

No.	Subject	Forum Raised	Status / Target Date	Remarks / follow-up	Action Party
7.	Explore possibility for installation of an ADS-B ground station on the Nicobar Islands to cover eastern gateway of BOB Sub-region (seeking alternate location nearby)	SEA/BOB ADS-B WG/8	ADS-B SITF/14	Report result of study	India
8.	In MEL not included the effect of GNSS failure on ADS-B output which should be included.	SEA/BOB WG/9		Contact Boeing and Airbus through operators	IATA and Hong Kong China
9.	Develop and implement regional collaboration project for ADS-B out operational use including data sharing in Bay of Bengal area and report on implementation progress. Status reported at WG/10		May 2015	Develop and implement sub-regional ADS-B collaboration project.	Bay of Bengal States
10.	States to advise when their ground stations can be upgraded to receive ADS-B DO260B compliant ADS-B data. A survey was conducted during ADS-B SITF/13 (Appendix E). On-going bases	SEA/BOB WG/9	On-going	Further updates the Table and report to ADS-B SITF	
11.	General ADS-B Avionics Problem Reporting Database (APRD) (being implemented)	SEA/BOB WG/9	Specification and database at ADS-B SITF/14		Hong Kong China and RSO
12.	Reporting and analysis processes and recommendations on the ADS-B anomalies	WG/10	ADS-B SITF/14	Prepare a Paper	Australia
13.	Provide clarification on applicability of Cir. 326 in the complexity air space	WG/10	ADS-B SITF/14 and SEA/BOB ADS-B WG/11	Prepare a Paper	Australia

LIST OF ACTION ITMES

No.	Subject	Forum Raised	Status / Target Date	Remarks / follow-up	Action Party
14.	Develop and implement regional collaboration project for ADS-B out operational use including data sharing in South Pacific and report on implementation progress.	Previous meeting of ADS-B SITF and ADS-B SITF/13	ADS-B SITF/14	ADS-B SITF/14	South Pacific States On-going
15.	Study application of ADS-B and mutilate for precision runway monitoring.	Previous meeting of ADS-B SITF and ADS-B	ADS-B SITF/14	Guidance material for implementation	All Members On-going
16.	Perform data collection and data analysis of ADS-B messages to examine GPS performance in different geographic areas.	Previous meeting of ADS-B SITF and ADS-B	ADS-B SITF/14	Report of data collected and analyzed - continuous	All Members On-going
17.	States to advise when their ground stations can be upgraded to receive ADS-B DO260B compliant ADS-B data.	Previous meeting of ADS-B SITF and ADS-B	ADS-B SITF/14	Report status at the Task Force meetings	All Members On-going

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