



International Civil Aviation Organization

**SIXTH MEETING OF THE SOUTHEAST ASIA
SUB-REGIONAL ADS-B IMPLEMENTATION
WORKING GROUP (SEA ADS-B WG/6)**



Singapore, 24 - 25 February 2011

Agenda Item 5: Review of sub-regional implementation plan

CANSO ADS-B SEMINAR FOR MYANMAR

(Presented by CANSO)

SUMMARY

This paper highlights the recently concluded ADS-B seminar conducted by CANSO for DCA Myanmar in Yangon on 22 February 2011. This seminar was conducted by CANSO to provide the latest updates on ADS-B and to reach out to as many participants as possible from the DCA and airlines of Myanmar. The meeting is invited to note the outcome of the seminar and to provide guidance on the next steps that would optimize the overall benefits of ADS-B implementation to support international air traffic to, from and transiting Myanmar and the Bay of Bengal area.

1. INTRODUCTION

1.1 CANSO conducted an ADS-B seminar for DCA Myanmar in Yangon on 22 February 2011. The objective of the seminar was to provide DCA and the airlines of Myanmar with information on ADS-B and the latest updates on its implementation in the region. The seminar also provided a forum for the DCA to present and discuss its ADS-B implementation plans.

1.2 This is the second time that CANSO has conducted such a seminar for a State's air navigation service provider, regulator and airlines. The first was conducted in August last year for the CAAP in Manila. Experience from that seminar showed that an "on-site" approach enables CANSO to focus on implementation issues of one State and to reach out to as large and diverse a group of participants from the same State as possible.

2. DISCUSSION

2.1 The ADS-B seminar was conducted by facilitators from CANSO, its ANSP members Airservices Australia and CAAS as well as IATA. It was very well received by the participants as feedback survey conducted at the end of the seminar showed that all the participants found the seminar to be Useful / Very Useful and rated its content Good/Excellent.

2.2 Apart from ADS-B development updates the seminar covered several key topics such as aircraft equipage, ADS-B data and VHF communications sharing/ cost apportionment framework as well as the cost benefit study for the initial phase of ADS-B implementation over the South China Sea. Please refer to the attached Seminar Programme.

2.3 A total of 48 participants from Myanmar attended the seminar. The participants came from the ANS, ATM, CNS and Regulatory departments of the DCA as well as pilots and engineers from the airlines of Myanmar.

2.4 At the seminar DCA Myanmar presented its ADS-B master plan. The master plan consisted of 5 ADS-B stations located at the following sites: Lathio Airport, Kyaing Tone Airport, Sittwe Airport, Panthein Airport and Coo co Island Airport. According to the ADS-B Implementation Plan, the project is expected to start in 2012 and complete by 2015.

2.5 The seminar discussed the DCA's ADS-B implementation plan and agreed that CANSO should report on the conduct and outcome of the ADS-B seminar in Yangon to the ICAO SEA ADS-B WG/6 meeting in Singapore as follows:

- (a) The seminar discussed and felt that it was useful and important for Myanmar to participate in the ICAO SEA/ADS-B WG and the ICAO ADS-B SITF meetings to keep abreast of the latest in ADS-B implementation and developments in the region;
- (b) The seminar noted the need to optimise the locations of future ADS-B stations in Myanmar taking into account current radar coverage and international traffic flows to, from and transiting Myanmar and the Bay of Bengal area;
- (c) Based on the above mentioned considerations the seminar supported the proposed locations of the ADS-B stations in Myanmar at Lathio Airport, Kyaing Tone Airport, Sittwe Airport, Panthein Airport and Coo co Island Airport;
- (d) The seminar noted that DCA Myanmar plans to commence the ADS-B project in 2012 and to target implementation in 2015; and
- (e) IATA reiterated the need to engage stakeholders and meet the regulatory requirements.

3. ACTION BY THE MEETING

3.1 The meeting is requested to:

- (a) Note the outcome of the ADS-B seminar conducted by CANSO for Myanmar in Yangon on 22 February 2011;
- (b) Discuss the proposed sites for ADS-B stations in Myanmar and their potential for ADS-B data sharing with neighbouring ANSPs; and
- (c) Provide guidance on the next steps that would facilitate ADS-B implementation in Myanmar and optimise overall benefits of ADS-B implementation for international air traffic to, from and transiting Myanmar and the Bay of Bengal Area.

CANSO's ADS-B SEMINAR FOR DCA MYANMAR

Date: Tuesday 22 February 2011

Venue: Civil Aviation Training Institute, Yangon International Airport

Seminar Programme

8.30 am -9.00 am Registration

Morning session

9.00 am Welcome Address by Dy Director General of Civil Aviation, Myanmar

9.15 am Opening Remarks by Director Asia Pacific Affairs, CANSO

9.30 am Introduction to ADS-B – Greg Dunstone, Airservices Australia

10.30 am Coffee break

11.00 am Latest Updates on ADS-B developments in ICAO and the Asia Pacific region – Greg Dunstone, Airservices Australia and Yeo Cheng Nam, CAAS

12.00 noon Airline perspective and aircraft equipage update – Geoff Hounsell, IATA

12.30 pm Lunch

Afternoon session

1.30 pm ADS-B data / VHF communications sharing & cost apportionment framework – Yeo Cheng Nam, CAAS

2.00 pm Initial phase of ADS-B implementation over the South China Sea & cost benefit study – Chiang Hai Eng, CANSO

2.30 pm Myanmar's ADS-B implementation plan – DCA Myanmar Representative

3.00 pm Coffee Break

3.30 pm Discussion on ADS-B implementation issues and challenges in Myanmar – DCA Myanmar and facilitators

4.00 pm Conclusions of Seminar and Next Steps

4.30 pm End