



International Civil Aviation Organization

**THE SECOND MEETING OF ASIA/PACIFIC ATS INTER-FACILITY
DATA COMMUNICATION (AIDC) IMPLEMENTATION TASK FORCE
(APA TF/2) OF APANPIRG**

Bangkok, Thailand, 16 - 18 March 2016

Agenda Item 4: Asia/Pacific AIDC implementation guidance material

**REPORT OF TELECONFERENCES ON DEVELOPMENT OF
AIDC GUIDANCE MATERIALS**

(Presented by the Secretariat)

SUMMARY

This paper presents the reports of the two teleconference of the working group on the development of AIDC Guidance materials.

1. INTRODUCTION

1.1 The first meeting of this Task Force agreed to develop the guidance material based on the example of AIGD for ADS-B implementation in the Asia and Pacific Regions. In order to complete the task by Middle June 2016, the meeting agreed to establish an ad hoc working group for the guidance material. Mr. Kwek Chin Lin, co-chair of the Task Force agreed to take the lead for the small working group with members from India, Laos PDR, Malaysia, Singapore and Thailand. The team lead will contact former IRAIDC TF members from Australia and New Zealand as necessary for additional support if required. Accordingly, the meeting made following decision:

Decision 1/4 – Ad Hoc Working Group for AIDC Guidance Material

That, an Ad Hoc Working Group be established with Singapore as team lead, with members from India, Laos PDR, Malaysia and Thailand to develop AIDC Implementation Guidance Material. A target date of January 2016 was established for the first cut, to be reviewed by the Task Force members at the next meeting.

2. DISCUSSIONS

2.1 To follow up Decision 1/4, two teleconferences were held to develop the structure and the table of contents of the AIDC Guidance Material.

2.2 The first Teleconference on development of AIDC Guidance material was held on 10 November 2015 at which initial structure of the draft Guidance Material was developed. The report of the Teleconference is provided in **Appendix A** to this paper for information.

2.3 The second Teleconference was held on 1 February 2016 at which further adjustments were made to the initially proposed structure of the draft AIDC Guidance Material. The meeting also agreed to assign tasks to the working group members to develop the initial draft for the sections/parts allocated to them. The report of the second Teleconference is provided in **Appendix B** to this paper for review by this meeting.

2.4 The meeting is invited to endorse the agreed structure of the draft AIDC Guidance Material and review the initial draft materials to be presented by the lead for individual sections or parts of the draft guidance material.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- note the outcome of the teleconferences on development of AIDC Guidance Material as provided in the Appendix A and B to this paper;
- endorse the agreed structure to be presented by the Chair of the ad hoc working group; and
- review those contributions to be made by the lead for sections and/or parts under separate working papers.

Summary of Discussions APAC AIDC Task Force Teleconference 10 November 2015

Participants:

- Mr. Kwek Chin Lin, Chair (CAAS, Singapore)
- Mr. Felix Tsao (CAD, Hong Kong-China)
- Mr. Neo Peng Hwee (CAAS, Singapore)
- Mr. Joe Chua (CAAS, Singapore)
- Mr. Anurag Sharma (AAI, India)
- Dr. Gursewak Manish (AAI, India)
- Mr. Chonlawit Banphawatthanarak (Aerothai, Thailand)
- Mr. Li Peng (ICAO APAC Office)

Regrets received from Mr. Sahrol Nizal Bin Ab Rashid and Mr. Mohd Dahri Bin Munik (DCA, Malaysia)

Agenda adopted by the meeting was as follows:

1. Adoption of agenda
2. Structure for the AIDC Implementation Guidance Document (IGD)
3. Status of focal points nominated by States/Administrations and issues form collected
4. Date and venue for next meeting
5. Any other Business

Summary of Discussions:

1. The tentative agenda was adopted without any change.
2. The meeting reviewed previously circulated draft structure of AIDC Implementation Guidance Document (IGD) prepared by the Chair.
 - 2.1 The meeting re-confirmed the need for development of such guidance material and generally supported the structure and contents based on the sample of ADS-B Implementation and Operation Guidance Document (AIGD). The AIDC IGD should provide guidance on a step-by-step framework to the Administration and ANSPs for AIDC Implementation.
 - 2.2 The meeting discussed the following proposed changes to the draft structure:
 - a) The meeting proposed to add new chapter to include identified common issues with recommended solutions including HMI. Dr. Gursewak Manish volunteered to do the consolidation of the identified issues, some of which will be forwarded to him by the Secretariat, based on the collection from States/Administrations, in early December 2015. The consolidated issues and recommended solutions will be presented to the next meeting of APA AIDC Task Force for consideration in early 2016.

ACTION 1-2: Secretariat to provide issue forms submitted by States to Dr. Gursewak Manish for further consolidation and presentation at the next Task Force meeting for review and inclusion into the AIDC IGD.

- b) For the AIDC messages (Chapter 4) and AIDC implementation guidance, some duplication with Pan regional ICD for AIDC could not avoided. Rather than repeating full contents contained in the ICD, it was suggested that some reference to the ICD should be made and identify some essential groups of the messages set for different scenarios.
- c) Chapter 5 and Chapter 10 shares a similar title – AIDC Implementation. They should be distinguished with different title name and sub headings.
- d) Regarding a query on Para 7.4 and 7.5, the Chair clarified that the guidance on verification of the successful rate etc. should be performed for the performance monitoring. It is not to be confused with performance requirements like what is required for ADS-B but rather the overall successful completion of the AIDC messaging.
- e) It was suggested to relocate Para 7.2 – personnel training to Chapter 9 (AIDC Regulations and Procedures).
- f) It was also proposed to consolidate Chapter 7 and Chapter 8 into a single chapter.
- g) It was agreed to include sample MoU and/or LOA (in the Pan ICD) into the AIDC IGD.

2.3 Mr. Felix Tsao from Hong Kong-China expressed his willingness to contribute to parts on Reliability & Availability Considerations (Chapter 8 in the draft Structure) once the structure of the IGD is finalized.

3. Date and time of next meetings

- The meeting agreed to have another teleconference on 2 February 2016 to the review initial draft of the Guidance Materials; prior to the teleconference, the revised structure of the IGD should be distributed to the members of small working group by the end of 2015 for further comments, if any.

ACTION 3: Chair to provide updated structure to the Secretariat for distribution to members of the small working group.

- The meeting also agreed to the tentative dates for the next face-to-face meeting from 24 to 26 February 2016 (or early March). However, this would dependent on the progress and readiness of the guidance material being developed.

4. Any other Business

Nil

Summary of Discussions

APAC AIDC Task Force Teleconference 1 February 2016

Participants:

- Mr. Kwek Chin Lin, Chair (CAAS,Singapore)
- Mr. Felix Tsao (CAD. Hong Kong-China)
- Mr. Neo Peng Hwee (CAAS,Singapore)
- Mr. Joe Chua (CAAS,Singapore)
- Mr. Mohd. Hamli Bin Alias (DCA, Malaysia)
- Mr. Sahrol Nizal Bin Ab Rashid (DCA, Malaysia)
- Dr. Gursewak Manish (AAI, India)
- Mr. Chonlawit Banphawatthanarak (Aerothai, Thailand)
- Mr. Li Peng (ICAO APAC Office)

Agenda adopted by the meeting was as follows:

1. Adoption of agenda
2. Review updates on structure and progress of the AIDC Implementation Guidance Document
3. Agenda and dates of next face to face meeting in Bangkok 16-18 March 2016
4. Any other Business

Summary of Discussions:

1. The tentative agenda was adopted without any change.
2. The meeting discussed the revised draft structure of AIDC Implementation Guidance Document (IGD) updated by the Chair and distributed by the Secretary before the meeting.
 - 2.1 The meeting agreed the revised structure with total 8 chapters and two appendices. Some queries regarding some sub-paragraph of the draft IGD were clarified and/or agreed including:
 - a) The checklist referred in the sub-paragraph 5.2 and Appendix B will be the one in PAN AIDC ICD as starting point. The text in 5.2 should be concise and makes reference/link to the Appendix B;
 - b) Chapter 4 will duplicate the core AIDC messages which reflect some essential groups of the messages set for different scenarios;
 - c) The meeting agreed to delete the following words “for an ATC separation service” in sub-paragraph 7.2;
 - d) Change the AIDC Regulation in the Title of Chapter 8 and Sub-paragraph 8.2 to “AIDC Agreements and Procedures.
 - 2.2 The meeting agreed to the following assignments to the members of the working group for development of the initial draft text for consideration:
 - Chapter 1, 2, 3 and 5 including Appendices A & B - Dr. Gursewak Manish (AAI, India) supported by Mr. Chonlawit Banphawatthanarak (Aerothai);
 - Chapter 4 and 6 – Members from Singapore led by Mr. Kwek Chin Lin

- Chapter 7 – Mr. Felix Tsao (CAD. Hong Kong-China)
- Chapter 8 - Members from Malaysia led by Mr. Mohd Hamli

2.3 The meeting agreed that the target date for completion of initial draft is set on 29 February 2016, which leaves some days for exchange of views before the next face-to-face meeting.

3. Date and time of next meetings

3.1 The meeting was informed that the next face-to-face meeting are scheduled for 16 to 18 March 2016 at ICAO Regional Office in Bangkok, Thailand. Letter of invitation has been issued with the provisional agenda. Mr. Felix Tsao from Hong Kong China expressed that Hong Kong China may not be able to participate in as the dates conflict with those dates of the new ATM system validation. For this purpose, a teleconference may be arranged for a remote presentation on the relevant parts of the draft IGD.

4. Any other Business

Nil
