

International Civil Aviation Organization



ICAO

Seventh Meeting of Asia/Pacific ATS Inter-facility Data-link Communication Implementation Task Force (APA TF/7) Of APANPIRG

Video Tele-Conference 7 – 9 June 2021

Agenda Item 2: Review of outcomes of relevant meetings

OUTCOMES OF AIDC WEBINAR

(Presented by the Secretariat)

SUMMARY

This paper presents the outcomes of ICAO APAC AIDC webinar held via Video Tele-Conferencing on 9 October 2020.

1. INTRODUCTION

1.1 ICAO APAC office organised a webinar on *AIDC Implementation Benefits and Lessons Learnt* under *ICAO APAC Webinars – Safety and Air Navigation Services* on 9 October 2020. The webinars was for all APAC States who have not started or were starting the AIDC journey. The webinar was attended by 69 Participants.

1.2 The webinar was triggered by the outcome of AIDC taskforce meeting (APA TF/6). Another objective was to increase participants' awareness and understanding of the ICAO requirements needed to support regional planning and implementation activities, including implementation of Regional Aviation Safety Plan 20-22, the Asia/Pacific Seamless ANS Plan, and the Beijing Declaration.

1.3 The Co-Chairs of the APA TF was the key speakers on behalf of the group. The moderator was Mr. Kwek Chin Lin from Civil Aviation Authority of Singapore and the Speakers were Mr. Anurag Sharma from Airports Authority of India, Mr. Joe Chua from Civil Aviation Authority of Singapore, and Mr. Arian Nurahman from Airnav Indonesia. The webinar outlined the different aspects for AIDC implementation, highlighted the achievements, and addressed the relevant issues as well.

2. DISCUSSION

2.1. ICAO APAC office issued a state letter for this with **Ref:** RSO- AP171120 (RSO) dated 21 August 2020 on the subject ICAO APAC Webinars - Safety and Air Navigation Services. The state letter mentioned a series of 08 webinars being organised by ICAO APAC office on various topics which includes but not limited to CNS, ATM, MET, Environment, Aviation Safety, Airport Operations, etc.

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2.2. The webinar started with an introduction about ATS Inter-Facility Data-Communication (AIDC) and benefits of implementing AIDC. The webinar reminded APAC states about following APANPIRG Conclusions related to AIDC:

1) APANPIRG/24 CONCLUSION 24/16

Recognizing that States implementing AIDC messaging may be doing so without previous knowledge or experience, and significant safety, ATC capacity and workload benefits arise from implementation of an appropriately *selected initial suite* of AIDC messages;

States should:

a) *engage as soon as possible in AIDC trials to develop knowledge and address any related ATM or communications system issues;*

b) *implement operational AIDC messaging as a matter of priority, in accordance with APANPIRG Conclusion 19/191; and*

c) *implement as far as practicable, the following AIDC messages:*

Advanced Boundary Information (ABI), Coordinate Estimate (EST), Acceptance (ACP), Transfer of Control (TOC) and Assumption of Control (AOC).

2) APANPIRG/24 CONCLUSION 24/27

Considering that ATS Inter-facility Data Communications (AIDC) is an important means of minimizing Large Height Deviations (LHD), Asia/Pacific States should support the expedition of AIDC through collaborative projects at the following significant LHD interface areas:

a) **Indonesia:** *between Jakarta and Chennai/Ujung Pandang/Brisbane/Melbourne FIRs;*

b) **India:** *between Chennai and Kuala Lumpur FIRs;*

c) **Philippines:** *between Manila and Fukuoka/Taipei/Hong Kong/Ho Chi Minh/Singapore/Kota Kinabalu/ Ujung Pandang FIRs; and*

d) **China:** *between – i. Urumqi and Lahore FIRs; and ii. Beijing and Ulaan Baatar FIR*

2.3. The webinar discussed various AIDC Implementation Issues and their mitigations. States were encouraged from the start of the Task Force (TF) to provide identified issues, including closed issues, by updating them in AIDC Issues Form, which was then shared amongst States. The objective was to provide states implementing AIDC a quick reference and avoid repeating the similar mistakes. This sharing of information assisted States and accelerated the implementation of AIDC. Furthermore, a summary of AIDC Issues reported by various states were discussed.

2.4. At the end of webinar, total 17 questions were asked by the participants with more than 100 interactions. 90% of Participants shared their satisfaction with the information provided by the webinar.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

a) note the information contained in this paper; and

b) discuss any relevant matter as appropriate.
