



ICAO

*International Civil Aviation Organization*

**Fourth Meeting of the Asia/Pacific Air Traffic  
Management Automation System Task Force (APAC  
ATMAS TF/4)**

*Bangkok, Thailand, 28 - 30 June 2023*

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**Agenda Item 10:** Review of the Terms of Reference (ToR) and Task List

## **REVIEW OF TASK LIST**

(Presented by the Secretariat)

### **SUMMARY**

This paper presents the Action Items of ATMAS TF for meeting review and update.

## **1. INTRODUCTION**

1.1 The Twenty Third Meeting of CNS Sub-Group (CNS SG/23) of APANPIRG in September 2019 made the Decision CNS SG/23/13 for Establishment of ATM Automation System Task Force (ATMAS TF).

### **Decision CNS SG/23/13 (SURICG/4/5) - Establishment of ATM Automation System Task Force (ATMAS TF)**

That, the ATM Automation System Task Force (ATMAS TF) with TOR provided in Appendix L to the Report be established.

1.2 This paper presents the Action Items of ATMAS TF for meeting review and update.

## **2. DISCUSSION**

2.1 The CNS Subgroup of APANPIRG emphasized the need for proactive efforts for this region in organizing forums on the subject of ATM automation system in order to share operational and technical experience, and shape the future development roadmap and performance-based guidance for the ATM automation system. The ICAO Asia Pacific Regional ATM Automation System Symposium (APAC RATMS) was held in Nanjing, China, from 22 to 23 November 2018.

2.2 The objectives of ATMAS TF are to take forward all matters arising in the APAC RATMS and to address the regional needs, such as developing regional guidance to facilitate the implementation, enhancements, operation and maintenance of ATM automation systems and services in the Region.

2.3 During the ATMAS TF/1, the meeting discussed various Action Items proposed by brainstorming with alignment to AI 2.2 and AI 2.3, based on a proposed draft by China, Hong Kong China and Singapore. The ATMAS TF/2 meeting updated the Action Item list for ATMAS TF, reviewed the Action Items arising from APA Task Force, and agreed to consolidate APA TF work in ATMAS TF/3.

2.4 After the dissolution of the APA TF adopted by CNS SG/25 through **Decision CNS SG/25/16**, the ongoing APAC regional AIDC implementation work will be taken up by ATMAS TF while ACSICG would handle communications related issues. In order to integrate APA TF ToR into ATMAS TF ToR, the revised ATMAS TF ToR proposed by the ATMAS TF/2 was adopted by CNS SG/25 through **Decision CNS SG/25/17**.

2.5 To follow up the **Action Item 2-6** of ATMAS TF/2 to consolidate Action Items arising from APA Task Force into ATMAS TF Action Item list, the Secretariat has revised the format of APA TF Action List from a word file into excel format to be consistent with the Action Item List with ATMAS TF, and supplemented the follow-up actions from the former APA TF meetings. The ATMAS TF/3 reviewed and updated the Action Item list, and agreed to combine the outstanding action items from APA TF into ATMAS TF action item list. The Action Item List updated by ATMAS TF/3 meeting is provided in **Appendix A** to this paper for meeting review and update.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) review and update Action Items provided in **Appendix A**; and
- c) discuss any relevant matter as appropriate.

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**LIST OF ACTION ITMES FOR ATMAS TF**

| Action Item | Subject  | Forum Raised | Status / Target Date | Action Party  | Status | Remarks / follow-up  |
|-------------|--|--------------|----------------------|---|--------|--|
| 1-1         | Develop a table to list the current ATMAS status of all states   | ATMAS TF/1   | ATMAS TF/2           | Member States, ICAO Secretariat   | Closed | table design by Indonesia / SL by ICAO RO replaced by Action Item 2-2  |
| 1-2         | Develop check list for ATMAS project management from the scratch of planning, requirement definition, bidding, implementation to operational transition.                                     | ATMAS TF/1   | ATMAS TF/3           | Member States, ICAO Secretariat   |        | This check list will be one of the appendix to APAC ATMAS IGD<br>ATMAS TF/3: Presented by Flimsy/01, need further polish |
| 1-3         | Develop APAC Office ATMAS IGD  | ATMAS TF/1   | ATMAS TF/2           | Ad hoc group led by China.<br>Members: Hong Kong China, India, Indonesia, Japan, Malaysia, Myanmar, Nepal, Philippines, Singapore, Thailand and Vietnam | Closed | collaborative work through focal point: task sharing, online discussion and progress tracking                            |
| 1-4         | Propose states to share the current interoperation technology or protocol applied between ATMAS of all states. (e.g. AIDC, OLDI, other protocol, etc.)                                       | ATMAS TF/1   | ATMAS TF/2           | Member States, ICAO Secretariat   | Closed | ATMAS TF/3: Combine to ATMAS meeting agenda  |
| 1-5         | Propose states to share the current redundancy mechanism at ATMAS level in the same location, such as main, backup, and emergency system.  | ATMAS TF/1   | ATMAS TF/2           | Member States, ICAO Secretariat   | Closed | Action Item 1-5 and 1-6 are merged<br>ATMAS TF/3: Combine to ATMAS meeting agenda  |
| 1-6         | Propose states to elaborate the backup or contingency strategy of ATMAS in different location.   | ATMAS TF/1   | ATMAS TF/2           | Member States, ICAO Secretariat   | Closed |  |
| 1-7         | Study the feasibility to expand APRD function to cover ATM AS issues   | ATMAS TF/1   | ATMAS TF/2           | Hong kong China   | Closed | Hong Kong China presented WP/07 in ATMAS TF/2  |
| 2-1         | Host a webinar about ATM Automation System in 2022.  | ATMAS TF/2   | ATMAS TF/3           | Member States, ICAO Secretariat   | Closed | ATMAS TF/3: sucessfully conducted in conjunction with ATMAS TF/3 on 7th June 2022  |
| 2-2         | Consider the suggestions discussed in the meeting and work out a revised version of the table to list the current ATMAS status of all states in order to build the ATMAS regional repository | ATMAS TF/2   | ATMAS TF/3           | Ad-hoc group led by Indonesia<br>Members: China, Hong Kong China, Republic of Korea, Singapore, ICAO Secretariat  | Closed | ATMAS TF/3: The meeting reviewed and adopted the revised table presented by WP/03.                                       |

LIST OF ACTION ITEMS FOR ATMAS TF

| Action Item | Subject  | Forum Raised | Status / Target Date    | Action Party   | Status   | Remarks / follow-up  |
|-------------|--|--------------|-------------------------|--|----------|--|
| 2-3         | Further progress the development of ATMAS PRD and consider to include AIDC as well.  | ATMAS TF/2   | ATMAS TF/3              | Ad-hoc group<br>Members: China, Hong Kong<br>China, Indonesia, ICAO<br>Secretariat | On-going | ATMAS TF/3: Updated by Hong Kong China through WP/10, the meeting agreed to further discuss.   |
| 2-4         | Translate the information on MH/T 4029.3 into English first for better understanding by other Member States/Administrations  | ATMAS TF/2   | ATMAS TF/3              | China  | Closed   | ATMAS TF/3: Presented through SP/01 by China   |
| 2-5         | State Letter to circulate the advanced draft of ATMAS IGD to seek further comments and inputs from States and the States/Administrations should provide feedback in one month after receiving the State Letter.  | ATMAS TF/2   | ATMAS TF/3              | Member States, ICAO<br>Secretariat   | Closed   | State Letter AP173/21 was issued to seek comments from States/Administrations  |
| 2-6         | Consolidate APA/TF action item list into ATMAS/TF action item list in ATMAS TF/3   | ATMAS TF/2   | ATMAS TF/3              | Member States, ICAO<br>Secretariat   | Closed   | ATMAS TF/3: Presented through WP/06  |
| 3-1         | The ICAO Secretariat will issue a State Letter to circulate the table of the ATMAS Status in APAC region to collect information from Member States in order to build the repository of the ATM automation systems for APAC Region.   | ATMAS TF/3   |                         | Member States, ICAO<br>Secretariat   |          |  |
| 3-2         | The ICAO Secretariat will issue a State Letter to circulate the table of AIDC Implementation Status in APAC region with the current status to States/Administrations for supplements and validation.   | ATMAS TF/3   |                         | Member States, ICAO<br>Secretariat   |          |  |
| 3-3         | For each group of common issues, identify in an ACTION PLAN which small working groups to be established when necessary and possible with invitation to aviation industry for input. Develop an action plan for the identified ATSUs with priorities for implementation; Go-teams to assist when required (subject to funding available and requirement in place); | APA TF/1     | January to June<br>2016 | by the Task Force  | On-going | APA TF/2: few small working group already in place to address some of the issues and established the target date of implementation. (in most case two parties).<br>APA TF/4: Small working group (based on TOR) is considered not practical.<br>Bilateral parties to address some of the issues and established the target date of implementation. (in most case two parties).<br>ATMAS TF/3: From Action Item 1-2 of APA TF/1   |
| 3-4         | Development of AIDC IGD Edition 1.0 in accordance with item C of TOR. Also need to maintain the AIDC IGD to current and update the consolidated list of issues.  | APA TF/4     |                         | by the Task Force  | On-going | APA TF4: This task link with item c) of ToR, work has been done by the ad hoc WG and endorsed by the Task Force adopted by CNS SG/21 in July 2017 on behalf of APANAPIRG. It may require maintaining the document by the Task Force as necessary. The updated list of consolidated issues is indicators for implementation progress and the list should be updated with items closed or open.<br>APA TF/5: <b>The development of AIDC IGD completed and maintenance of the IGD - On-going</b><br>APA TF/6: States/Administrations may wish to provide recommendation for updates if necessary.<br>ATMAS TF/3: From Action Item 4-1 of APA TF/4 |