

International Civil Aviation Organization

ICAO

**The Second Meeting of the Asia/Pacific Air Traffic Management Automation System Task Force (APAC ATMAS TF/2)**

Video Tele-Conference, 14 - 16 September 2021

**Agenda Item 2:** Review Outcomes of Relevant Meetings**OUTCOMES OF ICAO APAC REGIONAL WEBINARS**

(Presented by the Secretariat)

**SUMMARY**

This paper presents the information about the ICAO APAC series of webinars in the year 2021, with highlight on ICAO APAC Cybersecurity Webinar, Webinar on Implementation of CRV in APAC region, SWIM workshop, and Webinar on Implementation of ADS-B.

**1. INTRODUCTION**

1.1 ICAO APAC office has organized a series of webinars in the year 2021. The webinars primary objective are 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.

1.2 The series of webinars includes ICAO APAC *Regional Cybersecurity webinar* on 14 June 2021, *SWIM workshop* on 6-7 July 2021, *Webinar on Implementation of CRV in APAC region* on 20 July 2021, and a *Webinar on Implementation of ADS-B* on 1 September 2021.

**2. DISCUSSION**

2.1. ICAO APAC office issued a state letter with **Ref: RSO - AP 056/21 (RSO)** dated 7 April 2021 on the subject **ICAO APAC Webinars 2021 (May 2021- November 2021)**. The state letter mentioned a series of 18 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. The state letter is provided as **Attachment A** to this paper and the detailed webinar provisional programme is provided in **Attachment B**.

2.2 The ICAO APAC *Regional Cybersecurity webinar* was successfully conducted on 14<sup>th</sup> June 2021. The objectives of the ICAO APAC *Regional Cybersecurity webinar* were to share the information and experience gained on cybersecurity issues of CNS/ATM systems focusing on awareness of cyber threats and safety risks, policy, procedure and innovation/technology from perspectives of regulators, Air Navigation Service Providers (ANSPs), and the users of CNS/ATM systems. The webinar discussed the cyber threats during phases of CNS/ATM system design,

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implementation and operation and ICAO trust framework at global, regional and national level. Total 317 participant attended the webinar and total 10 presentations from various experts from the globe on various topics of Cybersecurity framework were discussed during the webinar. The Cyber Security Webinar report, presentations, and other resources can be accessed by following link:

<https://www.icao.int/APAC/Meetings/Pages/2021-Cyber-Security-Webinar.aspx>.

2.3. The ICAO APAC *SWIM Workshop* was successfully conducted on 6 July and 7 July 2021. The SWIM workshop focused on how SWIM can better support the current operations and enable the operations following the future operational concepts such as FF-ICE and cross-border surveillance data sharing, emphasizing on the bottom-up viewpoint for SWIM implementation in APAC region. At this workshop, a broad scope of presentations and discussions held which included not only technical but also operational perspective. Total 231 participants attended the workshop and total thirteen (13) presentations were discussed during the workshop. The SWIM Workshop report, presentations, and other resources can be accessed by following link:

<https://www.icao.int/APAC/Meetings/Pages/2021-SWIM-Workshop.aspx>

2.4. The ICAO APAC Webinar on *Implementation of CRV in APAC region* was successfully conducted on 20 July 2021. The objectives of the Webinar were to share a brief introduction, concepts, and regional activities of Asia Pacific Common Regional Virtual Private Network (CRV) along with the progress of implementation of CRV in APAC region. Concluding message was to urge non-implemented States to implement CRV and to request the support of CRV implemented States by sharing lessons learned and/or best practices. Total 121 participants attended the webinar and total four presentations were discussed during the webinar. The CRV Webinar report, presentations, and other resources can be accessed by following link:

<https://www.icao.int/APAC/Meetings/Pages/2021-CRV-Webinar.aspx>

2.5. The ICAO APAC Webinar on *Implementation of ADS-B* was successfully conducted on 1 September 2021. The objectives of Webinar were to review concepts, benefits of Automatic Dependent Surveillance – Broadcast (ADS-B), and share implementation experiences that include ADS-B mandate, ADS-B data sharing, implementation issues, and measures to support ADS-B operation. The latest ADS-B technologies including space-based ADS-B were also discussed during the Webinar. Total 298 participants attended the webinar and four presentations were delivered during the webinar. The ADS-B Webinar report, presentations, and other resources can be accessed by following link:

<https://www.icao.int/APAC/Meetings/Pages/2021-ADS-B-Webinar.aspx>

2.6. Detailed information about all Webinars and registration process may be found in the individual Webinar web-pages, listed at <https://www.icao.int/APAC/Meetings/Pages/Webinars-.aspx>.

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

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss any relevant matter as appropriate.

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