

International Civil Aviation Organization

ICAO

**Ninth Meeting of the Common aeRonautical Virtual
Private Network Operations Group (CRV OG/9)**

Video Teleconference, 25 – 27 January 2022

Agenda Item 13: Next meetings and any other business**ICAO APAC REGIONAL WEBINARS-2022**

(Presented by the Secretariat)

SUMMARY

This paper presents the information about the ICAO APAC series of webinars held in the year 2021 and webinars/workshops proposed for the year 2022.

1. INTRODUCTION

1.1 In 2021, ICAO APAC office had organized a series of webinars. The webinars primary objective were 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 included 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, which were related to CNS. The webinars were highly appreciated by member states by participating in high numbers and by providing positive feedbacks. One of the feedbacks was to request to ICAO APAC office to organise such webinars in 2022.

1.3 This paper shares information about webinars/workshops planned as on today for CNS in 2022.

2. DISCUSSION**Webinars/Workshops in 2021**

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 series of webinars included 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.

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2.2 The ICAO APAC Regional *Cybersecurity webinar* was successfully conducted on 14th 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, implementation and operation and ICAO trust framework at global, regional and national level. Total 317 participants 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>

Webinars/Workshops in 2022

2.6. In 2021, ICAO APAC office proposed to organise **3 days face-to-face workshop** on Cybersecurity in 2022. However, due to the uncertainty caused by the COVID-19 pandemic even in 2022, all face-to-face meetings and other face-to-face events would be kept on hold until situation gets normal and allows people to travel.

2.7. ICAO APAC Office is organising **Mode S Workshop on 22 March 2022** via **Video Tele Conferencing (VTC)**. The workshop will be organised along with Fifth Meeting of Mode S Downlinked Aircraft Parameters Working Group (Mode S DAPs WG/5) to be held on 23-25 March 2022 by VTC. The State Letter **Ref.:** T 8/5.11-AP199/21 (CNS) dated 22 December 2021 is already shared on this subject.

2.8. ICAO APAC office is also planning a webinar on **Implementation of CRV on 29th June 2022** to facilitate better usage and understanding of the CRV OG Operations Manual and other important information required for implementation of CRV in APAC region. States/Administrations would be informed in due course detailed information about the webinar.

2.9. ICAO APAC Office is planning for other webinars to be done in the year 2022 in CNS and other domains. The information about all webinars would be shared with member states in first quarter of this year. Member States/administration are encouraged to take advantage of above mentioned virtual events by participating and contributing for the webinars/workshops.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) contribute individual practice and experience to the webinar of interest as a speaker;
- c) take maximum advantages of the webinars by registering more participants from states; and
- d) discuss any relevant matter as appropriate.
