

International Civil Aviation Organization

ICAO

Eighth Meeting of the Common Aeronautical Virtual Private Network Operations Group (CRV OG/8)

Video Teleconference, 17 – 19 May 2021

Agenda Item 10: Share best practices on cybersecurity and develop agenda items for joint session of ACSICG/CRV/SWIMTF on cyber safety/security and resilience

UPDATE ON APAC AERONAUTICAL FIXED SERVICE SAFETY AND PROTECTION PLANNING

(Presented by the Secretariat)

SUMMARY

This paper presents the update of the planned cybersecurity and cyber safety/resilience related activities in ICAO Asia/Pacific Region.

1. INTRODUCTION

1.1. The Twenty Third Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/23) of Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG), was held at the ICAO Regional Office, Bangkok, Thailand, from 2 to 6 September 2019.

1.2. Under Agenda Item 10: Cybersecurity of CNS/ATM systems, the meeting discussed various working papers and information papers, and addressed the planned cybersecurity and cyber safety/resilience related activities, including:

- 1) a workshop on cyber safety and resilience and cyber tabletop exercise is scheduled for 19 to 21 November 2019 at the ICAO APAC Office in Bangkok;
- 2) a 5-day cyber-security and cyber safety training course jointly organized by ICAO (GAT) and Embry-Riddle Aeronautical University (ERAU) is planned for March 2020 at ICAO APAC Regional Office;
- 3) In order to address common concerns, a joint ad hoc working group among CRV OG, ACSICG and SWIMTF focusing cybersecurity, cyber safety and resilience is also planned for 21 -23 April in USA. The detailed agenda and programme for the meeting will be worked out at CRV OG/7 meeting in the end of January 2020.

2. DISCUSSION

2.1 The ICAO Asia Pacific Cyber Safety and Resilience Workshop with Tabletop Exercise (APAC CSR TTX) was held at the ICAO Regional Office in Bangkok, Thailand from 19 to 21 November 2019, as planned. The outcome report and presentations are available at:

Agenda Item 10

17-19/05/21

<https://www.icao.int/APAC/Meetings/Pages/2019%20CSR-TTX%20WS.aspx>. The summary and recommendations of APAC CSR TTX were reported to CNS SG/24 meeting through WP/14.

2.2 The 5-day cyber-security and cyber safety training course jointly organized by ICAO (GAT) and ERAU was finally suspended upon further notice.

2.3 During CRV OG/7, FAA presented WP/06 to inform the meeting about its CRV and AFS Safety and Protection planning and offered to host AFS Safety and Protection joint working group meeting scheduled for 21 to 23 April 2020 in Nevada, USA. The meeting reviewed the proposed provisional agenda item for the meeting and noted the necessary information for the participants to the meeting.

2.4 All member States of CRV OG presented at the meeting expressed their supports to organize such a meeting at the full implementation stage of CRV. The meeting considered necessary and timely to address safety and security concerns as more and more AFS and other new applications being transferred to and exchanged over CRV.

2.5 The meeting was further informed that the letter of invitation for this meeting was issued by ICAO APAC Regional Office on 16 January 2020 with reference T 8/2.10: AP018/20 (CNS). Member States were encouraged to nominate experts with knowledge and/or experience of communication network, aeronautical fixed service and information security to the meeting. ICAO Secretariat and FAA will further coordinate with experts from cybersecurity study group and NEXGEN project for their participation and contribution to the meeting. Other ICAO Mexico, Lima and Cairo regional offices and States in those regions should also be encouraged to participate in the meeting.

2.6 Due to the outbreak of COVID-19 pandemic, on 27 February 2020, ICAO APAC Regional Office issued another State Letter with **Ref.:** T 8/2.10 : AP042/20 (CNS) to inform concerned parties about the Postponement of APAC Aeronautical Fixed Service Safety and Protection Planning Working Group Meeting (AFSSP WG 2020) until further notice.

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.
