

International Civil Aviation Organization



ICAO

**Twenty Fifth Meeting of the Communications/
Navigation and Surveillance Sub-group (CNS SG/25) of
APANPIRG**

Video Tele-Conference, 18 – 22 October 2021

Agenda Item 3: Aeronautical Fixed Service (AFS)

3.1. Review Report of the Eighth Meeting of the Aeronautical Communications Services Implementation Coordination Group (ACSICG/8) including:

- Outcomes of Webinar on CRV Implementation;

OUTCOMES OF ICAO ASIA PACIFIC IMPLEMENTATION OF CRV WEBINAR

(Presented by the Secretariat)

SUMMARY

This paper presents the outcomes of the ICAO Asia Pacific Implementation of CRV Webinar held on *20 July 2021* via Video Tele-Conferencing (VTC).

1. INTRODUCTION

1.1 The ICAO Asia Pacific Implementation of CRV Webinar was held on *20 July 2021*. The webinar was organised via Video Tele-Conferencing (VTC) using Microsoft Teams.

1.2 The Webinar was attended by **121** participants from **18** States/Administrations, **2** airlines industries and a telecommunication provider from Australia, Bangladesh, Bhutan, China, Hong Kong China, Fiji, India, Indonesia, Malaysia, New Zealand, Pakistan, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, USA, Viet Nam, All Nippon Airways, Korean Air, PCCW and ICAO. The webinar report, presentations, and other resources can be accessed by following link:

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

1.3 This paper summarized the key outcomes of ICAO Asia Pacific Implementation of CRV Webinar.

2. DISCUSSION

2.1 Total **Four** (4) presentations were delivered by CRV experts from New Zealand, Fiji, USA, and Hong Kong, China. During the Webinar, Questions and Answers (Q & A) sessions were held at end of each presentation through the Pigeonhole tool. Throughout the Webinar, a total of **40 questions** were asked and *more than 15 feedbacks* for the Webinar were provided by Participants with **100% positive response**.

2.2 Based on Q&A sessions and submitted survey responses from Member States, the need

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for potential discussion with PCCWG for extension of CRV Implementation deadline beyond the end of 2022 due to COVID-19 crisis as it is continued in 2021, the need for flexibilities in the package options selection by Member States, and the need for a platform for sharing lessons learnt and best practices based on experiences by Member States, which are using CRV, were felt. ICAO Secretariat is taking necessary action about these potential discussion in CRV OG.

2.3 The summaries of all presentations are as follows:

SP101 – Brief history of CRV Project

2.4 Mr. Tran, Hoang (FAA), International Telecommunication Service, FAA, USA, ICAO APAC ACSICG Chair, presented brief history of CRV project. The goal of this presentation was to provide the audience information about the brief history of motivation and necessity of initiation of CRV Project in APAC/MID region. It also recalled the CRV evolution from initial phases starting with formation of ATN Implementation Coordination Group to finalization of the project from concept to reality.

SP102 – Challenges and Proposed Solutions for CRV Implementation in Pacific States

2.5 Mr. Kelepi Dainaki, Manager Air Navigation Engineering Services, Fiji Airport Limited, CRV OG Chair (Pacific) presented Challenges and Proposed Solutions for CRV Implementation in Pacific States. The goal of this presentation was to provide the audience with the latest status of implementation of CRV in Pacific States along with challenges faced by them. It discussed proposed solutions for Pacific States and small ANSPs to ensure No Country Left Behind in CRV Implementation.

SP201– APAC CRV Implementation documentation and References

2.6 Mr. Vaughan Hickford, Team Leader Network Design, Airways New Zealand, CRV OG Chair (Asia) presented information about APAC CRV Implementation documentation and References. He explained about the Common Package, which is an agreed set of documents that pertains to the CRV Network and interrelation of various documents in different phases of project along with CRV Operational Manual and CRV Implementation plan. He emphasized that ANSPs need the guidance materials to join the CRV and to understand the steps required to adopt all necessary measures to ensure they are able to assess the need and can safely transit to CRV from legacy system with standardized steps documented in various project documentation. The goal of this presentation was to provide the audience with the latest status of updated documentation available for implementation of CRV in APAC States. Participants noted the CRV portal information hosted on Airways New Zealand's Office 365 instance. <https://airwayscorporation.sharepoint.com/teams/APAC-CRV/SitePages/Home.aspx>

SP202 – Required Technical Infrastructure and Standardized Contract Conditions for CRV

2.7 Ms. Bowie Lam, PCCW Global, the approved vendor to provide CRV services and circuits in APAC/MID region, briefed about the capacity assessments/needs from ANSPs to estimate required infrastructure, different packages options and their selection for ANSPs and other standard Terms and Conditions needed to be known by Member States for CRV contract establishments. CRV High Level Questionnaire and CRV Service Order form were shared with the participants.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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