



ICAO

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Eleventh Meeting of the Common aeRonautical Virtual Private Network Operations Group (CRV OG/11)

Bangkok, Thailand, 01-03 February 2023

Agenda Item 6: CRV contract management
– Various CRV users and their joining process

VARIOUS CRV USERS AND THEIR JOINING PROCESS

(Presented by the Secretariat)

SUMMARY

The paper presents the definition of CRV users prepared by CRV OG Expert Ad-hoc group and their joining process for meeting approval.

1. INTRODUCTION

1.1 The Ninth Meeting of the Common aeRonautical Virtual Private Network Operations Group of APANPIRG (CRV OG/9) was held from 25 to 27 January 2022 via Video Tele-Conference (VTC). The Meeting was attended by **119** participants from **21** Member States/Administrations, **1** International Organization, and **1** Industry. The CRV OG/9 meeting report, working papers, information papers, and other resources can be accessed by following link:

<https://www.icao.int/APAC/Meetings/Pages/2022-CRV-OG-9.aspx>

1.2 The Tenth Meeting of the Common aeRonautical Virtual Private Network Operations Group of APANPIRG (CRV OG/10) was held on 18 April 2022 via Video Tele-Conference (VTC). The meeting was attended by **89** participants from **21** Member States/Administrations and **1** Industry. The CRV OG/9 meeting report, working papers, information papers, and other resources can be accessed by the following link:

<https://www.icao.int/APAC/Meetings/Pages/2022-CRV-OG-10.aspx>

1.3 In CRV OG/9, WP/19 presented a discussion on SWIM Meteorological providers joining CRV to deliver SWIM-based Meteorological Data. In the paper, SWIM Meteorological providers were referred to as non-Aviation service providers.

1.4 The CRV OG/9 Meeting agreed that a **specialized meeting** would be organised to discuss and devise a method for the non-aviation service provider's joining process to CRV, referred to as Action Item 9-9.

1.5 In the same Meeting, PCCWG shared information about the PCCW Console Connect platform to exchange the critical SWIM data between ANSPs & Non-ANSP users in a simple,

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predictable and secure manner by WP/17. In this paper, MET service providers were referred to as non-Air Navigation Service Providers (ANSPs) users.

1.6 MET SG shared their concern for the term non-aviation service providers, non-ANSPs, or Aviation support service providers used for MET service providers to ICAO Secretariat and SWIM TF/6 held from 17 May-20 May 2022. The SWIM TF/6 meeting requested CRV OG to deliberate the concern, finalize appropriate names for CRV users/subscribers other than ANSP and formulated Action Item 6-1.

1.7 This paper summarized relevant information and updates for the action taken for Action Item 9-9 of the CRV OG/9 and Action Item 6-1 of SWIM TF/6.

2. DISCUSSION

2.1 The Specialized meeting was organised on **2 June 2022** to discuss the appropriate terms used for CRV Users other than ANSPs and their CRV joining process. The Meeting agreed that the Non-Aviation Service Provider word was never used in any CRV contract documents. However, CRV users have been mentioned in most places, and while discussing the use cases for CRV contracts, ANSPs were considered.

2.2 The Meeting agreed on the need for common terminology to address other stakeholders in the CRV contract. The Meeting discussed similar projects of other regions and the stakeholder's name used in the respective contract.

2.3 It was agreed that CRV users could be categorized into **two categories: State/Administration and Industries**. The corresponding definition and differences in the joining processes were formulated. The proposed definition and joining process were shared with the MET SG secretary and experts. Based on MET SG expert's comments, the related definition and their joining processes were further modified in the CRV OG Experts Ad Hoc meeting held on 15 September 2022 and 16 December 2022.

2.4 The finalized definition for meeting consideration is as follows:

CRV USER – State/Administration: An entity officially designated by the State to provide the air traffic or air navigation services the State is obligated to provide according to the ICAO provisions.

CRV USER – Industry: An entity not officially designated by the State but sanctioned by the State to provide aviation or related services commercially.

2.5 It is proposed that ANSPs will assign IP addresses to any entities, and all entities will sign their contract. CRV OG Operational Manual needs modifications from "States" to "CRV users."

2.6 Additionally, for the difference in the joining process, CRV Users- State/Administration **will follow the same process** as mentioned in CRV OG Operational Manual and CRV Landing Page, while industries will **need sponsorship** by States.

2.7 The CRV OG Expert Ad-hoc group is drafting relevant amendments to include in CRV OG Operations Manual and CRV Implementation Plan for IP addressing assignments for various CRV Users defined as CRV Users- States/Administration and CRV Users- Industries.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in the paper;
- b) review and adopt proposed CRV Users definitions;
- c) review and adopt different CRV Users joining processes; and
- d) discuss any relevant matters as appropriate.
