



ICAO

International Civil Aviation Organization

**THE FIFTEENTH MEETING OF THE COMMON
AERONAUTICAL VIRTUAL PRIVATE
NETWORK OPERATIONS GROUP (CRV OG/15)**

Mumbai, India, 15-19 June 2026

Agenda Item 4: CRV Governance

WAY FORWARD FOR CRV GOVERNANCE

(Presented by New Zealand)

SUMMARY

This paper presents discussion on the CRV Governance and Operating Model currently implemented in CRV and options to be considered for improving transparency and participation.

1. INTRODUCTION

1.1 Before ICAO APAC CRV OG11 meeting held in Bangkok, Thailand 1-3 February 2023 and Governance Workshop was held on 31 January 2023. This workshop was held as a result of the Co-Chair Aisia's concern about the current workload of several OG members, the transparency of decision making and future changes required in the CRV to support new services.

1.2 The workshop heard from the CRV OG, New PENS and REDDIG on the respective and quite different governance models. New PENS and REDDIG operate on a shared cost model, but it should be noted that the members are more closely aligned and similar in economic size.

1.3 Two surveys were completed, asking Users for the daily, weekly, monthly and annual tasks associated with CRV and the Monthly Recurring Coss (MRC) to better understand the level of effort and cost across the region.

1.4 It has been noted that our informality allows the CRV OG to be flexible and achieve outcomes relatively quickly.

2. DISCUSSION

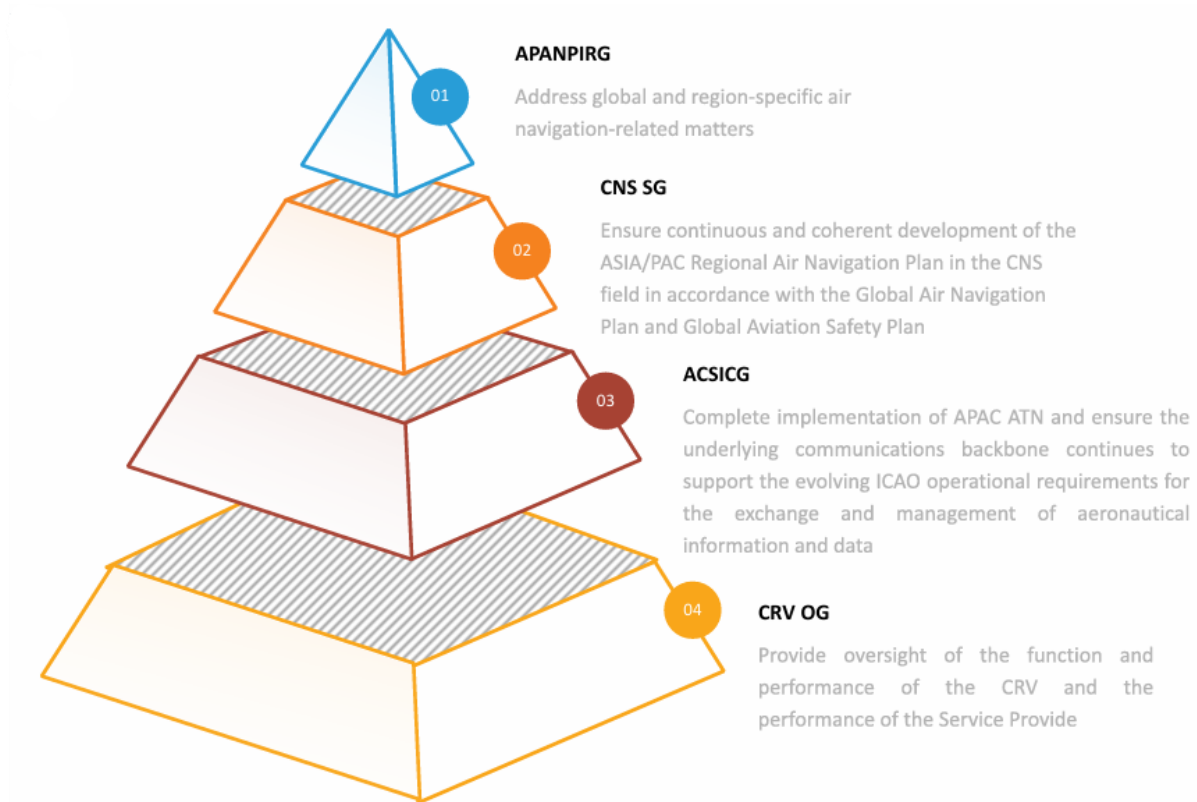
2.1 Governance is the framework of rules, systems, and processes by which an organization or society is directed, controlled, and held accountable. It determines who makes decisions, sets strategic direction, and ensures the organization behaves ethically, legally, and sustainably

2.2 Taking this a step further the CRV OG operates the following types of governance:

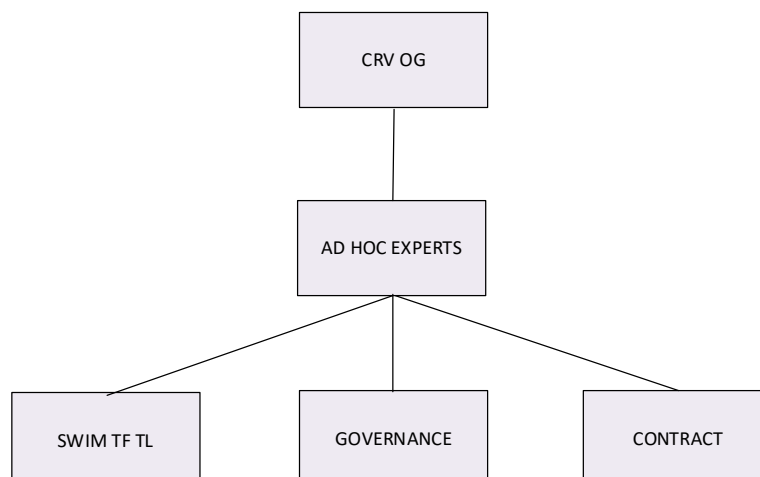
Community & Non-Profit Governance: Focuses on serving a social mission, requiring boards to ensure resources are used effectively to benefit their specific communities while operating transparently.

Data & IT Governance: Frameworks applied to technology and digital systems to ensure data integrity, privacy, compliance with regulations, and secure infrastructure.

2.3 It is important to differentiate between governance and operating model. Our governance appears to be working well. Items of work are reported to the Operations Group then onto ACISCG, then CNS SG and ultimately APANPIRG. This is shown in the diagram below. It is how we operate before reporting to the CRV Operations group.



2.4 The current way of working is predominately through the Ad Hoc Experts Group. The intention of this group was to progress the sections of the Operations Manual of Strategy, Design, Transition and Operation. It was intended that each group would have a leader that could present outcomes to the CRV OG. This has not transpired as the Co-Chairs and Secretariat are leading this group. The figure below shows a presentation of this arrangement.



2.5 Ad Hoc Expert members also liaise regularly with the SWIM Taskforce Team leaders to assist with delivery of that project.

2.6 Our Secretariat provides a phenomenal amount of support to the Ad Hoc group with the creation of slides, agenda, actions and meeting notes.

2.7 With the upcoming implementation of SWIM, there is the possibility of the need for cloud-based services to be connected to CRV. ANSPs are exploring the use of cloud to deliver services and this may require CRV connectivity. Inter-regional connectivity, standardized security and network visibility are also requirements that the CRV OG would like to have implemented in the future. There is a cost to this. Should that be shared across the Users or be implemented as a user pay model.

2.8 Ad Hoc meetings have an agenda, presentations and notes with significant detail and discussion, yet there is no formal central collection of these. Outcomes of the meetings are reported up to the CRV OG. Are we happy with this level of transparency?

2.9 Can we implement a lifted level of formality that does not affect the level of informality that is allowing us to achieve delivery of the CRV, increase transparency and participation of the delivery of CRV tasks regardless of where they are derived from.

2.10 In considering the above, the following items/actions could be implemented:

- i. Centralise Ad Hoc meeting artefacts in the APAC CRV Portal
- ii. Centralise Action Items in the APAC CRV Portal
- iii. Implement the National and Local Points of contact as list items in the APAC CRV portal (reduces the number or republishing of this document)
- iv. Implement leads for the Ad Hoc groups that are not the Co-Chairs
- v. Implement more admins to the APAC CRV Portal

2.11 The challenging discussion will be around the shared cost model for the basic functionality of the CRV and then future enhancements. Currently, the combined MRC is USD223,551. This is made up as follows:

Item	Cost
Monthly price for Managed NID	878, 968, 1068, 1144, 1208, 1106, 918, 1148, 1138, 1312
Package	Varies based on BW, location and package

Could this and should this be standardised to provide a base level of consistency similar to what REDIG does? What is the impact? How would this translate into other services/functions, such as security and NNI?

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the information contained in this paper;
- b) discuss the way forward for CRV governance; and

- c) discuss any relevant matter as appropriate
