



ICAO

International Civil Aviation Organization

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

Video Teleconference, 25 – 27 January 2022

Agenda Item 8: Review the requirement of CRV for SWIM

- Subscriber
- GEMS
- ANSP

SYSTEM WIDE INFORMATION MANAGEMENT (SWIM) PROVIDERS JOINING CRV

(Presented by Airways New Zealand)

SUMMARY

This paper presents discussion on SWIM Meteorological providers joining CRV for the delivery of SWIM based Meteorological Data.

1. INTRODUCTION

- 1.1 Concerns were raised at the SWIM TF/5 Meeting held 9-11 August 2021 via Video Conference regarding only using the CRV network to transport SWIM traffic. The SWIM Terms of Reference (ToR) states that only CRV is used, as the CRV ToR does not provide for non ANSPs to join CRV.

2. DISCUSSION

- 2.1 Whilst the CRV ToR does not specifically state that non ANSPs such as Meteorological Service Providers can join CRV, it also does not exclude them from joining.

- 2.2 The CRV ToR states:

1) Promote the use of CRV

- 2.3 The Tender ToR states:

1.2 Users and potential users

- 1.2.1 There are a minimum of 18 States/Administrations expressing interest to procure the CRV services, as follows: Australia, China, Democratic People's Republic of Korea, Fiji, France (territories of French Polynesia, New Caledonia, and Wallis and Futuna), Hong Kong China, India, Japan, Macao China, Malaysia, Myanmar, New Zealand, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, and United States.

1.2.2 Other APAC States and administrations may express interest in the future for such services, and will be encouraged to do so by ICAO, as the CRV network is envisioned to the Asia-Pacific aeronautical network, as well as other stakeholders from other ICAO Regions for the purpose of interregional connectivity, or other purposes.

1.2.3 In the future, CRV Users may include not only Air Navigation Service Providers (ANSP) but also Air traffic flow management (ATFM) stakeholders such as airspace users (AU), airport operators (AOP), etc. The CRV network should therefore support also the connection between all ATFM stakeholders.

2.4 The Operations Manual Definition of a service states:

Service - Any service provided over the CRV supporting Meteorological Service for International Air Navigation or Air Traffic Control Services.

2.5 Whilst it appears the CRV network has been built to only support AFTN, AMHS, Flow and Voice services, reviewing the CRV documentation, there does not appear to be any documented limitation for a Meteorological Service to not be able to join the CRV network.

What needs to be discussed is whether or not Meteorological Services need to go through the documented process to add a new service to the CRV as a Service Provider

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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