

International Civil Aviation Organization



**THE SECOND MEETING OF THE COMMON
REGIONAL VIRTUAL PRIVATE NETWORK
TASK FORCE (CRV TF/2) OF APANPIRG**

Seoul, Republic of Korea, 12 May 2014



Agenda Item 2: Review draft documents: DOA, CRV CONOP; and RFI

**PARTICIPATION OF VARIOUS STAKEHOLDERS IN THE PROPOSED
COMMON REGIONAL VIRTUAL PRIVATE NETWORK (CRV) TO SERVE
THE ASIA/PACIFIC REGION**

(Presented by India)

SUMMARY

This paper tries to examine the participation of more than one organization (stakeholder) from Member States.

1. Introduction

1.1. Asia/Pacific region member states have taken initiatives to establish a common Internet Protocol (IP) based VPN network using a private commercial MPLS network. The network is intended to provide efficient voice and data support to existing services and new requirements that are emerging from future ATM concepts.

1.2. The proposed CRV network is intended for all aviation stakeholders who are interested in using the common services provided by the network in the Asia/Pac Region. Initially the services will be used by ANSPs or Air traffic service providers.

2. Discussion

2.1 The CRV network is intended to provide economies of scale, increased capacity and optimum efficiency to all aviation stakeholders and will ensure reliable and enhanced service for the exchange of critical aeronautical data.

2.2 The stakeholders who may use the CRV services will not be limited to ANSPs. The network will be open to all airports, airlines, Defense organizations' and other stakeholders in the aviation field.

2.3 The network will be extensively used once the SWIM services are globally implemented. In the post-SWIM scenario lot of airport and airline operators will be inclined to join the network to share aeronautical information.

2.4 Multiple stakeholders from individual states (part of the CRV network) may need to join the network at a later date. Modalities on how these potential stakeholders will join CRV network needs to be examined and worked out.

2.4.1 There may be two options for such potential stakeholders to join the CRV network.

2.4.1.1 Stakeholders from an individual state (Part of CRV network) may join the network through local arrangement with concerned Member state/ANSPs.

2.4.1.2 Another option is that the stakeholders may like to join the network as a CRV member directly. However, this option is not desirable.

2.5 As the CRV network is being established through the government delegated organizations of Member State of Asia/Pacific Region, India favors that other such local stakeholders within a state may join the network only through local arrangements with the designated government organization.

3. Actions by the Meeting

3.1 The meeting is invited to:

- a) note the contents of this paper.
- b) urge states in Asia/Pac region to share their views about how participation of more than one organization (stakeholder) from member states could be managed.
