



ICAO

*International Civil Aviation Organization***Twelfth Meeting of the Common aeRonautical Virtual
Private Network Operations Group (CRV OG/12)***Denarau Island, Fiji, 23-26 January 2024*

- Agenda Item 3: CRV OG Reference documents
- CRV OG Operations Manual
 - CRV Implementation Plan
 - Outcomes of Ad-hoc expert Strategy, Design, Transition and, Operations Groups

NATIONAL AND LOCAL CRV POINTS OF CONTACTS

(Presented Airways New Zealand)

SUMMARY

This paper presents discussion on the National and Local Points of contacts as detailed in the Implementation Plan.

1. INTRODUCTION

1.1 During the various Ad Hoc and CRV meetings it has become evident the need to clarify not only the National and Local CRV Points of Contact but how they relate to the CRV OG.

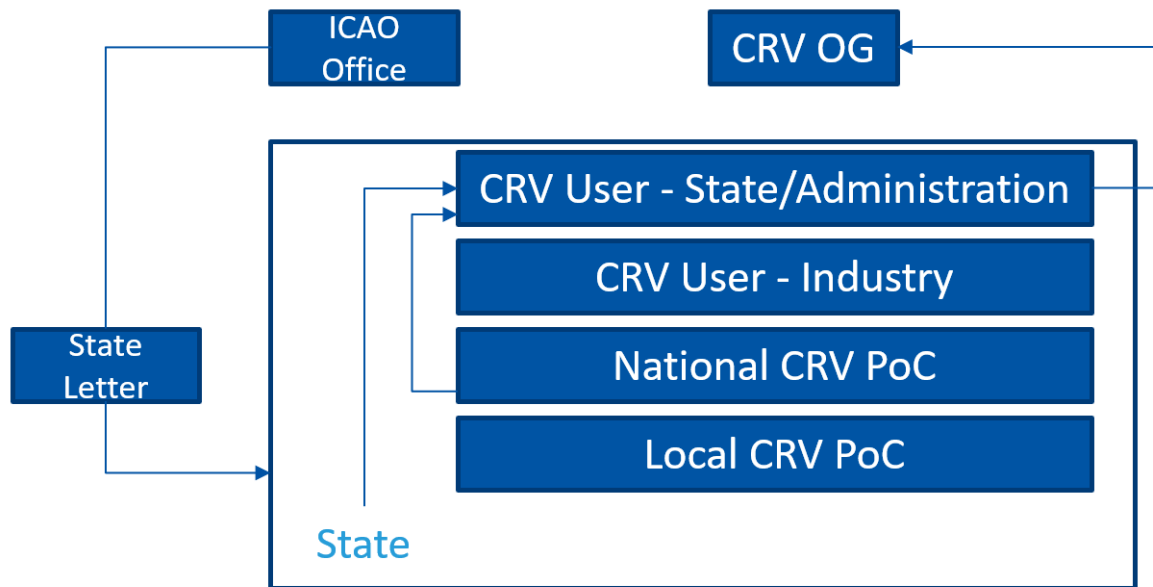
2. DISCUSSION

2.1 The Ad Hoc meetings discussed the difference between CRV users and State CRV Experts. In case of multiple CRV users from a State, there should be a CRV user representing all users from a State.

2.2 Also discussed that ANSP representatives should be the prominent representatives of CRV users for the State.

2.3 The number of people/organizations for national point of contact for CRV and local point of contact were discussed. It was thought that there may be many local points of contact for CRV users from a State. However, the national point of contact should be one from ANSPs. However, it could potentially mean an increase the workload for national contact.

2.4 What that means is the Operations Group meetings should be attended by the National CRV Point of Contact who not only represents their organization but also the State and all CRV users for that State including CRV User - Industry.



2.5 The National CRV Point of Contact has several key responsibilities and is critical to the success of CRV. The responsibilities for both the National and Local CRV Points of contact are included as **Appendix A** and **B** to this paper.

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.

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3.2.2 National CRV Points of Contact

Table 1 contains the National CRV Points of Contact that will be in charge of the whole process in each CRV User – State/Administration, independently if the State involved has more than one node.

The main activities and roles of the National CRV Points of Contact are:

- i. Develop close coordination with the CRV-OG representatives, Contractor and Local CRV POC for the complete implementation of the CRV node;
- ii. Receive the requests for site surveys from the Contractor, coordinating the actions with the Local CRV POC;
- iii. Participate and/or Coordinate the participation of the Local CRV POC and Local Staff in the implementation meetings with the Contractor;
- iv. Participate and/or Coordinate the participation of the Local CRV POC and Local Staff in the training package (online, on site, initial and refresh) as defined in the Section 3.12 (Training) of the Terms of Reference (TOR) document;
- v. Coordinate the actions and instruct the Local CRV Points of Contact regarding all activities involved in the implementation phase;
- vi. Review and approve the System Design Document (SDD), System Engineering plan (SEP) and other documents, part of the tender package, prepared by the Contractor upon the contract award and signature;
- vii. Review and approve the Validation Plan, including the Site Acceptance Test (SAT), prepared by the Contractor;
- viii. Oversee if the Contractor is following the national laws and procedures concerning the assignment of frequencies with the radio regulator authorities in each country (case of microwave and satellite equipment);
- ix. Update the ICAO CNS Regional Officer (ICAO Asia and Pacific Regional Office) with regard to the timeframe, situation, difficulties and other topics deemed necessary for the implementation of the CRV node(s);
- x. Provide the local CRV IP Addressing Scheme - Plan to the Contractor in close coordination with the CRV-OG representatives.
- xi. Provide the current numbering plan for the ATS Switched Voice Circuits to the Contractor;
- xii. Provide the current direct hotline Voice Circuits configuration to the Contractor;
- xiii. Provide the classification and marking scheme for the prioritization of traffic for the QoS to be used by the aeronautical applications in the CRV network (See note in the paragraph 3.2.1.3);
- xiv. Receive the requests for site surveys from the Contractor and coordinate the activities with the Local CRV POC; and
- xv. Approve the implementation planning

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3.2.3 Local CRV Points of Contact

Table 2 contains the Local Points of Contact. In fact, the professionals nominated and listed in the referred tables will really take part in the installation, on behalf of the CRV Users – State/Administration, and will be in charge of the oversight of the Contractor's team in each site.

They will report directly to the National Points of Contact of each CRV Member. The main activities and roles for the Local CRV Points of Contact are:

- i. Instruct and coordinate the actions with all the local staff involved in the CRV implementation;
- ii. Develop close coordination with the National CRV POC and the Contractor's site staff for the complete implementation of the CRV node;
- iii. Coordinate the actions for the site surveys with the National CRV POC;
- iv. Participate in the implementation meetings with the Contractor (if decided by the National Point of Contact);
- v. Participate to the elaboration of the implementation planning;
- vi. Participate in the Training Package and nominate, to the National CRV POC, the Local staff there will participate in the referred events;
- vii. Report, give feedback and update the National CRV POC regarding all aspects concerning the implementation of the CRV node;
- viii. Assist the National POC in the revision and approval of the SDD, SEP and other implementation documents, prepared by the Contractor;
- ix. Assist the National POC in the revision and approval of the Validation Plan including the SAT, prepared by the Contractor;
- x. Oversee the installation in order to ensure that the Contractor team is keeping the working area clean and free from fire hazards and if after installation, all excess material is duly removed;
- xi. Make sure that the local safety rules are observed by the Contractor in terms of intervention on operational systems;
- xii. Oversee the installation in order to ensure that the Contractor is following what is described in the TOR, item 3.3.2.9, concerning the Electromagnetic compatibility/ grounding;
- xiii. Oversee if the QoS configuration is duly performed by the Contractor, as defined by the CRV-OG representatives and the National CRV POC;
- xiv. Oversee if the CRV IP Addressing Scheme (Plan) is duly performed by the Contractor, as defined by the CRV-OG representatives and the National CRV POC;
- xv. Oversee if the configuration of current numbering plan for the ATS Switched Voice is duly performed by the Contractor, as defined by the CRV-OG representatives and the National CRV POC;
- xvi. Oversee if the configuration of the current Direct Circuits (DIR) is duly performed by the Contractor, as defined by the CRV-OG representatives and the National CRV POC;
- xvii. Coordinate the actions for the site surveys and assist the Contractor's personnel during the visits; and
- xviii. Hold meetings with the Contractor as deemed necessary and report to National POC