



ICAO

International Civil Aviation Organization

ICAO APAC CRV Seminar

Denarau Island, Fiji, 22 January 2024

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**ICAO APAC CRV Seminar for the Pacific States**  
**Monday, 22 January 2024 (1 day)**

***Theme –The future of ATS Connectivity in Pacific Region***

*To highlight the significance and necessity of Common aeronautical Virtual Private Network (CRV) network implementation by Pacific States for improved ATS Connectivity in the Asia/Pacific (APAC) region and deliberate the issues faced by Pacific States along with potential solutions for enhanced ATS connectivity.*

**Outline** – *The full-day seminar aims to highlight the importance and necessity of an effective CRV network implementation by Asia-Pacific Member States to meet the Asia-Pacific region's future capacity and efficiency needs. Currently, all communications between Pacific BBIS states (Australia, Fiji, New Zealand and the United States) to most Pacific BIS islands (e.g., Nauru, Palau, Micronesia, Tahiti, Marshall island) are on voice service using international direct dial (IDD) to transfer traffic between FIRs. IDD is unreliable and costly. Some Pacific states have implemented VoIP, but that service is also untrustworthy. Additionally, most Pacific island states except BBIS states use AFTN terminals with public internet connections. Nonetheless, AIDC is not considered for implementation due to the limited infrastructure.*

*It is predicted that if traffic increases in the future, with a lack of reliable voice service and a reliable network, ATC service will not be sustainable enough to maintain a safe level of separation. In addition, service outage restoration is continuing to be a time-consuming process that usually takes days rather than hours. Lastly, all other navigation, surveillance and network monitoring/management cannot be implemented to enhance safety. All these constraints can be resolved after migration to CRV by these States. The seminar will discuss all these subjects along with an understanding of potential issues faced by Pacific States that have not implemented CRV.*

*In the first session, the seminar will discuss basic information about the CRV network, its operations, governance, and its benefits. An example of the CRV joining process will be explained with prescribed steps for participants understanding. A dedicated Q&A session will support the Pacific States in clarifying doubts and improving understanding.*

*In the second session, Pacific Member States are requested to present their current infrastructure and constraints/issues as well as their desired enhancements under **Agenda Item 6: Pacific States CRV Implementation**. This information will support meeting to understand current infrastructure and devise strategies for CRV Implementation.*

*The seminar will conclude with a summary of deliberation and other relevant outcomes for CRV OG/12 consideration by preparing a working paper to be presented to the CRV OG/12 meeting.*

**ICAO APAC CRV Seminar***Monday, 22 January 2024***Order of Business*****Session 1***

<b>Time (Fiji Time, UTC+12)</b>	<b>Programme</b>
08:00 – 09:00	Registration
09:00 – 09:10	Opening Session
09:10 – 09:30	Introduction of Participants and Photo Session
09:30 – 10:00	Pacific States CRV Implementation by CRV OG Co-Chair (Asia)
10:00 – 10:30	Coffee Break
10:30 – 10:45	SWIM-enabled Network Support for ATM Operations- ICAO PSIDS Liaison Officer
10:45 – 11:00	Current Status of Pacific Island ATS connectivity- CRV OG Co-Chair (Pacific)
11:00 – 11:30	CRV Joining process illustration and CRV implementation experience of Fiji- CRV OG Co-Chair (Pacific)
11:30-12:00	Q&A Session
12:00 – 13:00	Lunch break
<b><i>Session 2</i></b>	
13:00 – 13:30	CRV contract for Pacific States- PCCW Global
13:30 – 15:30	Sharing of current ATS infrastructure, constraints/issues, and desired enhancements- by Pacific States/other Participants
15:30 – 16:00	Coffee Break
16:00 – 16:30	Summary of outcomes and preparation of the working paper
16:30 – 16:45	Review of Working Paper
16:45- 17:00	Closing Remarks
17:00	End of Seminar

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