

*International Civil Aviation Organization*



ICAO

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

Video Teleconference, 25 – 27 January 2022

**Agenda Item 7:** States CRV Implementation and operations experience sharing

**FAA CRV SERVICE**

(Presented by Federal Aviation Administration/USA)

**SUMMARY**

This paper presents the current status of FAA telecommunications using CRV. FAA has completed transition of all of its telecommunications infrastructure with the Asia/Pacific region to CRV. Additional new services with Indonesia, Papua New Guinea and the Russia Federation are planned when these States join CRV.

**1. INTRODUCTION**

1.1 FAA has been a user of the CRV since January 2018 with initial services to Australia, Fiji and New Zealand.

1.2 As CRV services' performance has met FAA telecommunications requirements, the FAA has expanded its service to more ANSPs.

1.3 FAA's Oakland Center is configured with Package A and 2MB/s bandwidth. Salt Lake City and Atlanta (AMHS Comm centers) both have Package C with 2MB/s bandwidth.

**2. DISCUSSION**

2.1 Table 1 shows the current status of FAA CRV service

FAA FACILITY	ANSPs	TYPE OF SERVICE	REMARK
SALT LAKE CITY NEMC	AUSTRALIA	AMHS	LINK TO INDONESIA AND PNG
SALT LAKE CITY NEMC	AUSTRALIA	AMHS	B2B INTERNET BACKUP
OAKLAND CENTER	AUSTRALIA	VOIP (1 CHANNEL)	
SALT LAKE CITY NEMC	FIJI	AMHS	
OAKLAND CENTER	FIJI	VOIP (1 CHANNEL)	
SALT LAKE CITY NEMC	NEW ZEALAND	AMHS	LINK TO TAHITI
OAKLAND CENTER	NEW	VOIP (1 CHANNEL)	

FAA FACILITY	ANSPs	TYPE OF SERVICE	REMARK
	ZEALAND		
SALT LAKE CITY NEMC	JAPAN	AMHS	LINK TO ASIAN REGION
OAKLAND CENTER	JAPAN	VOIP (4 CHANNELS)	SUPPORT SERVICE FOR ANCHORAGE AND OAKLAND CENTERS
OAKLAND CENTER	PAPUA NEW GUINEA	VOIP (1 CHANNEL)	
SALT LAKE CITY NEMC	PHILIPPINES	AMHS	NEW SERVICE BEGINNING 4/2021
OAKLAND CENTER	PHILIPPINES	VOIP (1 CHANNEL)	

Note: Atlanta NEMC (KATL) is served as a seamless backup for Salt Lake City NEMC

2.2 The FAA is coordinating to have AMHS services with Papua New Guinea in the near future if traffic is justified. All AMHS traffic between FAA and PNG is currently routed through Airservices Australia.

2.3 When Indonesia joins the CRV, FAA is expected to begin its coordination to establish direct AMHS and voice services. It's noted that AIDC between FAA and Indonesia has been successfully tested and is ready for operation using the AMHS link through Australia.

2.4 The FAA also plans to coordinate closely with the Russia Federation for direct voice service between its Anchorage Center and the Russia Federation Siberia Far East region when CRV service becomes available.

### 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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