



ICAO

International Civil Aviation Organization

**ICAO APAC CRV-SWIM Experts Workshop:
Review of CRV II Specifications and APAC SWIM
Architecture**

Bangkok, Thailand, 01-05 September 2025

Outline – The Workshop will review the CRV II specifications based on responses received for CRV II RFI and ensure CRV II complies with future SWIM and other aviation requirements. In addition, the Workshop will review and finalize the first draft of ICAO APAC SWIM Architecture, considering CRV experts' views on building APAC SWIM principally over CRV. In summary, the Workshop will act as a platform for the SWIM and CRV experts to collaborate to draft improved and efficient CRV II specifications and finalize APAC SWIM Architecture over CRV to accommodate future aviation requirements.

ICAO APAC CRV-SWIM Experts Workshop	
Order of Business	
01 September 2025	
Time (Bangkok Time, UTC+7)	Programme
08:00 – 09:00	Registration
09:00 – 09:10	Opening Session
09:10 – 09:30	Introduction of Participants
09:30 – 10:00	Agenda Item 1: Adoption of Agenda
10:00 – 10:30	Group Photo and Coffee Break
10:30 – 11:30	Agenda Item 3: SWIM Architecture over CRV Overview of the revised hierarchical architecture for regional SWIM implementation
11:30 – 13:00	Lunch break
13:00-14:30	Agenda Item 3: SWIM Architecture over CRV - Overview of the revised hierarchical architecture for regional SWIM implementation (con't) - Internet connectivity in Asia/Pacific SWIM
14:30- 15:00	Coffee Break
15:00-16:30	Agenda Item 3: SWIM Architecture over CRV Recommendations on reusing the existing ATN topology and ATN backbone sites as gateway EMSs, and the resulting impact on the appropriate number of EMSs
16:30	End of Day 1
02 September 2025	
09:00 – 09:30	Recap of Day 1
09:30 – 10:00	Agenda Item 4: Regional SWIM and implementation plan

	Regional SWIM, SWIM information services, and SWIM-enabled applications implementation plan
10:00 – 10:30	Coffee Break
10:30 – 11:30	Agenda Item 4: Regional SWIM and implementation plan Regional SWIM, SWIM information services, and SWIM-enabled applications implementation plan (con't)
11:30 – 13:00	Lunch Break
13:00 – 14:30	Agenda Item 4: Regional SWIM and implementation plan DSCP marking(s) for operational SWIM traffic and test SWIM traffic
14:30 – 15:00	Coffee Break
15:00- 16:30	Agenda Item 4: Regional SWIM and implementation plan SWIM Sandbox requirements
16:30	End of Day 2
03 September 2025	
09:00 – 10:00	Finalizing considerations for APAC SWIM Architecture over CRV
10:00 – 10:30	Coffee Break
10:30 – 11:30	Agenda Item 2: Review of CRV II Technical Specifications, including SWIM requirements Review of the ICAO Workshop for the preparation of new CRV requirements and specifications for future SWIM/other aviation Services (17-19 September 2024, Guam, USA)
11:30 – 13:00	Lunch Break
13:00- 14:30	Agenda Item 2: Review of CRV II Technical Specifications, including SWIM requirements Review of CRV II RFI
14:30- 15:00	Coffee Break
15:00- 16:30	Agenda Item 2: Review of CRV II Technical Specifications, including SWIM requirements Overview of the RFI responses for meeting APAC SWIM Requirements
16:30	End of Day 3
04 September 2025	
09:00 – 10:00	Agenda Item 5: Testing principles for ICAO APAC CRV Network Summary of the Pseudo CRV capabilities
10:00 – 10:30	Coffee Break
10:30 – 11:30	Agenda Item 5: Testing principles for ICAO APAC CRV Network

	Summary of the Pseudo CRV capabilities
11:30 – 13:00	Lunch Break
13:00- 14:30	Agenda Item 5: Testing principles for ICAO APAC CRV Network Presentation on the proposed testing methodology of testing SWIM services using the residual Bandwidth of operational CRV
14:30- 15:00	Coffee Break
15:00- 16:30	Agenda Item 5: Testing principles for ICAO APAC CRV Network Finalization of the procedure of testing SWIM services using the residual Bandwidth of the operational CRV Guidance Document
16:30	End of Day 4
05 September 2025	
09:00 – 09:30	Conclusion of discussion related to SWIM - SWIM TF Co-Chair
09:30 – 10:00	Recommendations for further expectations/actions from CRV OG - SWIM TF Co-Chair
10:00 – 10:30	Coffee Break
10:30 – 11:00	Conclusion of discussion related to CRV- CRV OG Co-Chair
11:00 – 11:30	Recommendations for further expectations/actions from SWIM TF - CRV OG Co-Chair
11:30 – 12:00	Any other business
12:00- 12:15	Next Meeting date (if required)
12:15- 12:30	Closing by CRV OG Co-Chair (Asia) and SWIM TF Co-Chair
12:30	End of Workshop
