

International Civil Aviation Organization



ICAO

**Ninth Meeting of Aeronautical Communication Service
Implementation Co-ordination Group of APANPIRG
(ACSICG/9)**

Video Tele-Conference, 19 – 21 April 2022

Agenda Item 9: Review and update Subject/Tasks List

REVIEW WORK PROGRAMME FOR ACSICG

(Presented by the Secretariat)

SUMMARY

This paper presents the work programme of ACSICG for review and updates.

1. INTRODUCTION

1.1 The work programme for ACSICG was developed by ACSICG/3 meeting based on a project management methods. The work programme reviewed by ACSICG/8 meeting is provided in the **Attachment** to this paper for review and further updates by the meeting.

2. ACTION BY THE MEETING

2.1 The meeting is invited to review and update the work programme provided in the Attachment.

Reference	Project	Task	Regional Priority	Planned Start	Planned completion	Status	Leader	Contributors	Comment
2-1	COM Strategies	Revise Strategy for implementation of Communications Systems to support ATM operations in APAC		2016	2020	Close	G/G Australia/New Zealand, USA and Japan	New Zealand, and USA	Closed in ACSICG/6
2-2	AMHS Implementation	Implement AMHS transition including migration of concerned connections to SITA Type X mid 15 and updating APAC AMHS Naming Plan		2015	2020	Close	Australia, Singapore and Thailand		Closed in ACSICG/7
2-3	AMHS Implementation Registration	Continue coordination with members and other regions to maintain the AMC		On-Going	On-Going	on-going	Thailand		
2-4	Support AIDC implementation	Support Implementation of AIDC including PAN Regional AIDC ICD		2015	2021	Open			
2-5	SWIM implementation APAC framework (SIAP) Project	Develop Cost Benefit Analysis to support SWIM using existing underlying ATN and IP sub-network		2016	2017	Close			Dependencies: SWIM ConOPs and Technical Manual In ACSICG/4, it was modified to Action Item 4-1
		Develop SWIM implementation roadmap and B1-SWIM ANRF	Close						
		Develop SWIM CONOPS refinement for APAC (FIXM, WXXM, AIXM, NOTAM) - models/infrastructure	Close						
		Develop SWIM guidance and requirements (performance, functional, safety, security)	Close						
		Develop SWIM governance architecture		2015	2017	Close			
		Develop SWIM governance entity/procedures	Close						
		Develop SWIM access points/services architecture and definition (iterative)	Close						
		Support testing of SWIM based applications (FIXM, IWXXM)	Close						
Coordinate SWIM implementation and transition from existing environment to SWIM		2015		Close					
2-6	CRV Project (under the TOR of CRV Task Force)	MSA/DOA		2014	2015	Close			closed in CRV OG/5
		Cost Benefit Analysis		2014	2015	Close			closed in CRV OG/5
		Users requirements (including performance and safety requirements)		2014	2015	Close			closed in CRV OG/5
		RFI		2014	2016	Close			closed in CRV OG/5
		Sealed Tender			2016	Close			closed in CRV OG/5
		Develop/agree on CRV Design (including an IPv6 address plan)			2017	Close			
		Implementation plan			2018	Close			
		Set up CRV OG			2016	Close			
2-7	CRV-OG	Oversight CRV operations and migration of applications		2016	2021	on-going			
2-8	Support ATFM Implementation using FIXM over CRV	Support development of ATFM IP ICD including coordination on the use of CRV to support ATFM FIXM (IP ICD developed by ACSICG has been provided to ATFM Group which is considered completed)		2015	2017	Close			Task description modified in ACSICG/5 . It is revised text Close in CRV OG/5
2-9		Coordinate the IP network service for ATFM		2016	2019	Close			Added into revised text of 2-8 in ACSICG/5
2-10	Support transition of ATC voice service	Coordinate the use of VoIP technology to support the existing service based on Multiplexer		2015	2019	Close			Closed in CRV OG/5
4-1	Monitoring the SWIM implementation and work of APAC SWIM Task Force	Develop Cost Benefit Analysis to support SWIM using existing underlying ATN and IP sub-network		2016	2020	Close			
		Coordinate SWIM implementation and transition from existing environment to SWIM and confirm role of CRV (SWIM over CRV - role has been confirmed in 2019)		2017	2020	Close			Closed in ACSICG/8
4-2	AMHS Support IWXXM requirement 2020	Implement AMHS FTBP to meet the requirement of IWXXM including the basic AMHS plus FTBP sub-set of extended AMHS as defined in Doc9880. (Requirements for implementation is 5 November 2020) and monitor the possible compression solution following the ICAO guidelines for IWXXM implementation		2017	2020	on-going	All States/Administrations		On-going
5-1	AFTN/ATSMHS Routing Directory and coordination with AMC	Update to the Directory and prepare a draft new Edition of the Directory		2018	on going	on-going	All States/Administrations		Completed
6-1	AMHS direct routing requirement	Develop AMHS routing policy to gain the benefits of implementation of AMHS over CRV.		2019	On-Going	on-going			
SG/23 Task 2	Update AMS and Datalink Strategies	Review and update AMS and Datalink Strategies (task given by CNS SG/23 Meeting)		2019	2020	Close			

Reference	Project	Task	Regional Priority	Planned Start	Planned completion	Status	Leader	Contributors	Comment
7-1	Monitoring the SWIM implementation and work of APAC SWIM Task Force	Demonstrate capability of CRV to support SWIM and evaluate the impacts on network bandwidth to incorporate AMHS service.		2016	2021	Open	Hong Kong China, Singapore and Thailand	IATA as reporter to SWIM TF	On-going
7-2	CRV Operations Manual	a small ad hoc working group with CRV OG members from USA, Singapore and New Zealand to further improve the draft and get it ready for consideration by CNSG SG through a joint working paper. Thailand also agreed to provide some support to review the revised draft.		2020	2020	Close	CRV OG co-chair, New Zealand, USA, Singapore	Thailand	SL Ref: T 8/9.1 – AP262/20 (CNS), 22 December 2020, Subject: The availability of various regional guidance materials for implementation of Air Navigation Facilities and Services in the Asia and Pacific Regions, Conclusion CNS SG/24/4 - Publishing of CRV operational manual to provide the information and directions required for CRV OG performance and CRV operations
7-3		States with designated BBIS: Australia, China, Hong Kong, China, Fiji, India, Japan, Singapore, Thailand and USA should increase their respective connection bandwidth to greater than 64kbps if feasible and applicable. Any ANSPs that are not on the above list should upgrade their AMHS with FTBP functionality to support IWXXM traffic. ICAO Regional Office will issue a reminder to States/Administrations that have no AMHS with FTBP capability to implement or upgrade their AMHS with FTBP function as soon as possible. States/Administrations should also be requested to deploy AMHS connection with a minimum of 64Kbps bandwidth.		2020		Open	ICAO Secretariat	ICAO Secretariat	State Letter: Ref: T 8/3.5 & T 8/2.11 – AP160/20 (CNS), 6 August 2020, Subject: Reminder for implementation of ATS Message Handling System (AMHS) in APAC Region by 2020.
8-1	Suggested Implications to Cybersecurity and Associated Requirements for CRV Operations	i) The Meeting requested the ICAO Secretariat to inform and follow-up about the different requirements defined in Section 3 in Flimsy01 of ACSICG/8 with different CNS Contributory bodies for their simultaneous and timely implementation. ii) CRV OG Chairs to note various requirements defined in Section 3 and initiate action to prepare strategies for contracting other services on CRV for future potential needs.		2021	On-Going	Open	i) ICAO Secretariat ii) CRV OG Chairs		On-going
8-2	Interconnection of Regional Networks	ICAO Secretariat to take necessary action to discuss the interconnection of various regional networks at higher level.		2021	On-Going	Open	ICAO Secretariat	ACSICG chairs, CRV OG Chairs	
8-3	Upgrade/Downgrade CRV Circuits Subscribed	ICAO Secretariat to take necessary action to discuss this issue with CRV OG as States should have option to upgrade/downgrade the circuits based on the need.		2021	2021	Open	ICAO Secretariat, ACSICG chairs, CRV OG Chairs,	ICAO Secretariat, ACSICG chairs, CRV OG Chairs, PCCWG	Meeting was held on 28 September 2021 . PCCWG will draft relevant clauses to add in Terms and conditions document of CRV contract for consideration of CRV OG/9. PCCWG will present sample calculation of penalty charges in case package degradation are opted by any contracting States within their terms of contract of CRV in CRV OG/9 for Member State's understanding. Next follow up: CRV OG/9 (25 January-27 January 2022)
8-4	AMHS Routing Update due to CRV Post Implementation Issues in Bhutan	All six member States (Bhutan, India, Thailand, Singapore, Australia, and New Zealand) to create an Ad-hoc group with support of the ICAO Secretariat to further discuss about implementation of Option 2.		2021	2021	Open	Bhutan, India, Thailand, Singapore, Australia, and New Zealand, ICAO Secretariat		Meeting was held on 27 May, 19 August, 03 September 2021 . New Zealand will act as BBIS No AMC updates required As on 15 Sep 2021, Next meeting after Bhutan and New Zealand discussion.