



ICAO

*International Civil Aviation Organization***The Fourth Meeting of the Surveillance Study Group (SURSG/4) and the Third Meeting of Surveillance Sharing in SWIM Trial Implementation Group (S3TIG/3)**

(Hong Kong China, 30-31 May 2024)

Agenda Item 3: Progress update of tasks under the work plan**Review of Work Plan for Surveillance Study Group**

(Presented by Secretariat)

SUMMARY

This paper reviews with recommendations on the Work Plan of Surveillance Study Group, which was first presented at SURSG/1 as WP/05, in view of the progress and development during SURSG/1 to SURSG/3.

1. INTRODUCTION

1.1 The Twenty Fourth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/24) of APANPIRG held from 30 November to 4 December 2020 via video teleconference adopted the **Decision CNS SG/24/16 (SURICG/5/1) - Establishment of Study Group on Sharing of Surveillance Data in SWIM (SURSG) under SURICG.**

1.2 At the first meeting of SURSG (SURSG/1) held in April 2021, [WP/05](#) was presented by Hong Kong China, sharing information about the establishment of SURSG and its Terms of Reference (ToR) along with a draft Work Plan with deliverables to meet the objectives of the ToR. With progress and development since SURSG/1, at SURSG/2, [WP/03](#) on “Mapping for Each Task with Terms of Reference of SURSG” was presented, which was a progress report of the deliverables. In SURSG/3, further updates on the plan were presented through [WP/11](#).

1.3 This paper presents the latest work plan status after SURSG/3 for meeting review and updates.

2. DISCUSSION

2.1 As informed in the SURSG/3 meeting, with the issuance of the Surveillance Study Report in SURSG/2, most of the deliverables allocated to SURSG were completed. SURSG/3 meeting made some adjustments to the plan by merging some deliverables, modifying some of them along with their timing considering the nature of the tasks and the availability of information, which is time or development-dependent, and the evolving nature of the work.

2.2 The finalized Work Plan in SURSG/3, in which most of the remaining tasks are in the Recommendation Stage (the last stage of work), is tabled below:

REVISED WORK PLAN of SURSG as of SURSG/3

Table 1							
Group	Task	Description	ToR Para.	Start	End	Task Owner(s)	Deliverable
Feasibility Study Stage	1	Preparation of Progress Report on the SURSG deliverables	-	-	Before every SURSG Meeting	Study Group Lead(s)	WPs
	2	Study, identification and recommendation of possible and practical models for surveillance data sharing in SWIM	2	SURSG/1 (2021)	SURSG/2 (2022)	Hong Kong China (TL)	Study Report published in 2022
	2-1	Preparation of Concept of Use/Operation	2(a), 3(c)	SURSG/1 (2021)	SURSG/2 (2022)	Singapore/T L, Hong Kong China, Thailand, Viet Nam	
	2-2	Study, identify and recommend on Implementation Model including the consideration of system design and collaboration model on sharing of surveillance data.	2(b), (d), 3(a)	SURSG/1 (2021)	SURSG/2 (2022)	Hong Kong China, Republic of Korea, Singapore, Thailand, Viet Nam	
	2-3	Study, identify and recommend on an Infrastructure Model based on SWIM and CRV infrastructure	2(f), 3(b)	SURSG/1 (2021)	SURSG/2 (2022)	China, Hong Kong China, Singapore, Thailand, Viet Nam, PCCW Global as advisor	
	2-4	Study, identify and recommend on a Business Model including commitments by data sharing participants as well as incurred resource and cost	2(b), (c), (d), 3(d), (e)	SURSG/1 (2021)	SURSG/2 (2022)	China, Hong Kong China, Singapore, Thailand, Viet Nam	

	2-5	Study, identification and recommendation of Participation Model in consideration of commitments by data consumers and multi-lateral agreement on surveillance data sharing	2(c), (d) 3(e)	SURSG/1 (2021)	SURSG/2 (2022)	Hong Kong China, Singapore, Thailand, China, Viet Nam, IATA	
	2-6	Preparation of implementation roadmap and time frames with consideration of approach, types of surveillance data and information exchange model	2(e) 3(a)	SURSG/1 (2021)	SURSG/2 (2022)	China, Hong Kong China, Singapore, Thailand, Vietnam	
Recommendation Stage	3	Report on the possible implementation of surveillance data sharing in SWIM	-	SURSG/2 (2022)	SURICG/7 (2022)	TBD	
	3-1	Consolidation of all the outcomes of Task 2 into a report according to the contents defined in TOR for submission to SURICG	-	SURSG/2 (2022)	SURICG/7 (2022)	Hong Kong China, IATA, Singapore, Thailand, Viet Nam	
	3-2	Preparation of draft multi-lateral agreement on surveillance data sharing and data consumption [absorbed into Task 4]	SURSG/2	SURICG/7 (to be reviewed at SURSG/3)	TBD	3-2	
	4	Guidance materials for the sharing and access of surveillance data	SURICG/7 (after Demo)	SURICG/9 SURICG/10	TBD	4	

	4-1	Preparation of the framework and 1 st draft of guidance material	SURICG/7 SURICG/8 (after Demo)	SURSG/3 SURSG/4 or SURSG/5 ¹	TBD	4-1	
	4-2	Further development of the working draft of guidance material for endorsement by SURICG and CNS SG	SURSG/3 (after Demo)	SURICG/9 SURICG/10	TBD	4-2	

2.3 As per the work plan finalized in the SURSG/3 meeting, Task 4 was to be started after the completion of the joint event. A Joint Event for Surveillance Data Sharing in SWIM Trial and SWIM Over CRV Demonstration (Demo) was conducted from 28-29 May 2024 in Hong Kong China. Therefore, the proposed work plan may be further modified by the meeting.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) review the work plan and associated timelines;
- c) discuss the future of SURSG; and
- d) discuss any relevant matter as appropriate

¹ Subject to timing of Demo.