



ICAO

*International Civil Aviation Organization*

**Second Meeting of the Surveillance Study Group  
(SURSG/2)**

(Video Teleconference, 15– 17 March 2022)

**Agenda Item 6:** Review of SURSG ToR and work plan/programme

**ACTION ITEM 1-1  
MAPPING FOR EACH TASK WITH TERMS OF REFERENCE OF SURSG**

(Presented by Hong Kong, China)

**SUMMARY**

This paper presents the updates on the action item 1-1 resulted from first meeting of Surveillance study group.

**1. INTRODUCTION**

- 1.1 The First Meeting of the Surveillance Study Group (**SURSG/1**) was held from 20 to 22 April 2021 via video teleconference. The meeting was attended by 118 participants from 15 States/Administrations, 4 International Organizations, and two industry partners (CANSO, IATA, ICCAIA, IFATCA, Frequentis, and PCCW Global). The meeting report, working papers, information papers, and other resources can be accessed by the following link: <https://www.icao.int/APAC/Meetings/Pages/2021-SURSG-1.aspx>.
- 1.2 This paper presents outcomes of Action Item 1-1- *Mapping for each task with terms of reference of SURSG*.

**2. DISCUSSION**

- 2.1 The first meeting of the Surveillance study group discussed the Work plan of the Surveillance Study Group presented by Hong Kong, China by WP/05.
- 2.2 Draft work plan provided in Attachment to WP/05 proposed four main tasks based on the draft ToR of the Study Group with six sub-tasks under Task-2 and two sub-tasks under Task-3 and Task-4. The meeting advised that Hong Kong China provide the mapping for each task with terms of reference of SURSG for the detailed technical description of each task, which resulted in ACTION-ITEM 1-1.
- 2.3 The mapping for each task with terms of reference of SURSG is provided in following **Table 1**. With the aforementioned, it is proposed to close the action item 1-1.

| Table 1                 |      |                                                                                                                                                             |                             |         |                            |                                                                               |
|-------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|----------------------------|-------------------------------------------------------------------------------|
| Group                   | Task | Description                                                                                                                                                 | ToR Para.                   | Start   | End                        | Task Owner(s)                                                                 |
| Feasibility Study Stage | 1    | Preparation of Progress Report on the SURSG deliverables                                                                                                    | -                           | -       | Before every SURSG Meeting | Study Group Lead(s)                                                           |
|                         | 2    | Study, identification and recommendation of possible and practical models for surveillance data sharing in SWIM                                             | 2                           | SURSG/1 | SURSG/2                    | Hong Kong China (TL)                                                          |
|                         | 2-1  | Preparation of Concept of Use/Operation                                                                                                                     | 2(a)<br>3(c)                | SURSG/1 | SURSG/2                    | Singapore/TL, 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)<br>3(a)           | SURSG/1 | SURSG/2                    | 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)<br>3(b)                | SURSG/1 | SURSG/2                    | 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)<br>3(d), (e) | SURSG/1 | SURSG/2                    | China, Hong Kong China, Singapore, Thailand, Viet Nam                         |
|                         | 2-5  | Study, identification and recommendation of Participation Model in consideration of                                                                         | 2(c), (d)<br>3(e)           | SURSG/1 | SURSG/2                    | Hong Kong China, Singapore, Thailand,                                         |

|                      |     |                                                                                                                                                 |              |                                 |                                                    |                                                       |
|----------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------|----------------------------------------------------|-------------------------------------------------------|
|                      |     | commitments by data consumers and multi-lateral agreement on surveillance data sharing                                                          |              |                                 |                                                    | 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)<br>3(a) | SURSG/1                         | SURSG/2                                            | China, Hong Kong China, Singapore, Thailand, Viet Nam |
| Recommendation Stage | 3   | Report on the possible implementation of surveillance data sharing in SWIM                                                                      | -            | SURSG/2                         | SURICG/7                                           | 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                         | SURICG/7                                           | Hong Kong China, IATA, Singapore, Thailand, Viet Nam  |
|                      | 3-2 | Preparation of draft multi-lateral agreement on surveillance data sharing and data consumption                                                  | -            | SURSG/2                         | <del>SURICG/7</del><br>(to be reviewed at SURSG/3) | TBD                                                   |
|                      | 4   | Guidance materials for the sharing and access of surveillance data                                                                              | -            | SURICG/7                        | SURICG/9                                           | TBD                                                   |
|                      | 4-1 | Preparation of the framework and 1 <sup>st</sup> draft of guidance material                                                                     | -            | <del>SURICG/7</del><br>SURICG/8 | <del>SURSG/3</del><br>SURSG/4                      | TBD                                                   |
|                      | 4-2 | Further development of the working draft of guidance material for endorsement by SURICG and CNS SG                                              | -            | SURSG/3                         | SURICG/9                                           | TBD                                                   |

- 2.4 Given the evolving nature of SWIM and the various factors such as participation and commitment discussed in the SURSG Study Report, it is not considered practical to start preparing draft multi-lateral agreement in this initial stage in regard to Task 3-2 in Table 1. For similar consideration, time frame for Task 4-1 needs to be reviewed. It is therefore proposed that the time frame Task 3-2 be revised to “to be reviewed at SURSG/3” while Task 4-1 is to be revised from “SURICG7 – SURSG/3” to “SURICG8 – SURSG/4”.

### **3. ACTION BY THE MEETING**

- 3.1 The meeting is invited to:
- a) note the information contained in this paper;
  - b) review the mapping for each task with terms of reference of SURSG provided in **Table 1**;
  - c) discuss and decide on proposed changes to time frames of Tasks 3-3 and 4-1; and
  - d) discuss any relevant matter as appropriate.

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