



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY SIXTH MEETING OF THE ASIA/PACIFIC AIR NAVIGATION
PLANNING AND IMPLEMENTATION REGIONAL GROUP
(APANPIRG/26)**

Bangkok, Thailand, 7 – 10 September 2015

**Agenda Item 3: Performance Framework for Regional Air Navigation Planning and
Implementation**
3.4: CNS
PROPOSAL FOR SWIM WORKSHOP IN ASIA PACIFIC

(Presented by Japan)

SUMMARY

This paper presents the proposal for SWIM Workshop in Asia Pacific Region. This Workshop is mentioned as the "Conclusion 25/43 – Promote understanding of SWIM in APAC Region" that was adapted at APANPIRG/25. Reaching to the common consensus through consideration of this proposal will bring acceleration for realizing to this workshop.

Strategic Objectives:

B: Air Navigation Capacity and Efficiency—Increase the capacity and improve the efficiency of the global aviation system.

1. INTRODUCTION

1.1 Manual on System-Wide Information Management (SWIM) Concept was published while disclaiming, as ICAO Doc 10039. The SWIM is basically depend on the governance on all stakeholders. The collaborative activity with them is a key-point to the SWIM implementation. For maturing the awareness of accurate recognition on SWIM, the active discussion and the process to increasing all members consensus are most important parts from the experience of the activity of CARATS Information Management Working Group.

1.2 Moreover, considering the balance both technical and operational aspects for SWIM is required to develop SWIM certainly. Therefore, APANPIRG/25 in last year has concluded as following:

Conclusion APANPIRG 25/43 – Promote understanding of SWIM in APAC Region

That, recognizing SWIM as a building block of ASBU Block 1 and 2 modules, ICAO be invited to promote understanding of SWIM through organizing seminars/workshops with focus on both technical and operational aspects for SWIM development in the Asia Pacific Region.

1.3 ICAO Secretariat indicated the preparing a SWIM Seminar in APAC as WP03 during ACSICG/2 Meeting. The paper includes the some general points we have to address. For facilitating to hold SWIM Workshop to Asia Pacific Region, JCAB proposes the skeleton of SWIM Workshop about how to approach.

2. DISCUSSION

2.1 For making effective progress in the SWIM Workshop to be planned at April to June 2016, approaching by the following definite purpose could facilitate to preparation of this workshop. JCAB will make contribution to the necessary cooperation to hold SWIM Workshop.

Purpose

2.2 The SWIM Workshop should promote common understanding on SWIM concept by various stakeholders in Asia Pacific Region. Some specific examples are the spread of awareness on SWIM concept, grasp of each State's needs and consideration of regional SWIM framework.

Approach

2.3 The SWIM Workshop should aim to realize SWIM that could satisfy the needs of both technical and operational aspects.

Audience

2.4 The audience should be multidisciplinary: regulatory and operational backgrounds in CNS, ATM, MET, flight operations and airport operations. It is envisaged to hold the workshop in Bangkok at ICAO Conference Room and, if needed, RSO facilities in Beijing with audio/video facilities in real time to cover the event. Also it is preferred to conduct the workshop in conjunction with other associated meeting so approval of travel for participants from States would be justified.

Partnership

2.5 A partnership with sponsors funding the workshop would facilitate the venue of the meeting. States/Organizations are invited to help ICAO source the sponsors.

Experts

2.6 In addition to the experts from partner companies/organizations, SWIM experts would be invited by ICAO HQ and ICAO APAC RO. States/Organizations are invited to help ICAO source the experts.

Scope

2.7 A scope for common understanding various fields in SWIM concept is considerable to include as followings:

- a) Moving towards SWIM: Cost benefit considerations
- b) Principle toward implementation
- c) Definition of stakeholder
- d) The necessity of common communication infrastructure
- e) The necessity of governance
- f) Impact of governance on operations
- g) Transition from current operations
- h) Relation with ICAO ASBU

Demonstration

2.8 The globally demonstration on SWIM could clearly show the SWIM concept, if the demonstration would be held during the workshop. There are two globally demonstration which are Mini-Global demonstration II (NextGEN) and Global SWIM demonstration (SESAR). The SWIM Workshop should ask these related organizations for visualizing by international demonstrations.

Communication

2.9 The SWIM Workshop would reach to common sense that States/Organizations could recognize the necessity to consider the SWIM architecture which could adapt the specific Asia Pacific regional needs through this event. In this case, it may cause to establish the promotion committee or working group in Asia Pacific Region.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the information contained in this paper;
- b) discuss the proposal included in this paper to realizing the SWIM Workshop; and
- c) discuss any relevant matters as appropriate.

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