



International Civil Aviation Organization

**Third Meeting of the ICAO Asia/Pacific Seamless ATM Planning Group  
(APSAPG/3)**

Chennai, India, 21-25 January 2013

---

**Agenda Item 4: Asia/Pacific Seamless ATM Status and Strategies**

**WHAT IS A SEAMLESS ATM PLAN?**

(Presented by Japan)

**SUMMARY**

This paper presents to reassure or agree our common understanding concerning the objective of developing Seamless ATM Plan for the purpose of reviewing the Draft Plan (WP10).

**1. INTRODUCTION**

1.1 The objective of APSAPG is to determine the means for Seamless ATM development in the Asia and Pacific Region.

1.2 The objectives of Seamless ATM were agreed by the group as follows:

*The objective of Seamless ATM was the safe and interoperable provision of harmonized and consistent air traffic management service provided to a flight, appropriate to the airspace category and free of transitions due to a change in the air navigation service provider or Flight Information Region.*

1.3 One of the Asia/Pacific Position Statement on ASBU which was agreed at APANPIRG/23 as Conclusion 23/49 is that the Asia/Pacific supports the ASBU initiative and is planning to incorporate these elements as a key part of the Asia/Pacific Seamless ATM Plan.

1.4 Therefore, the group should have a common understanding that the Seamless ATM Plan be developed from the standpoint of the objectives of Seamless ATM, and mainly focused on prioritized ASBU modules implementation, taking into account regional characteristics.

1.5 This paper is to reassure or agree our common understanding for the purpose of reviewing Seamless ATM Draft Plan (WP10).

**2. DISCUSSION**

APAC Seamless ATM discussion and Global initiatives

2.1 A series of APAC Seamless ATM discussions, in particular, the work of APSAPG was started prior to be confirmed global guidance for the future global air navigation (AN-Conf/12). Therefore, APSAPG has been trying to foresee and align with Global initiatives as much as possible.

Outcomes of AN-Conf/12

2.2 Comprehensive Air Navigation issues were discussed and numbers of recommendations were agreed at AN-Conf/12 which was held 19-30 November 2012.

- 2.3 The relevant recommendations for regional future work are:
- a) States and PIRGs finalize the alignment of regional air navigation plans with the Fourth Edition of the Global Air Navigation Plan by May 2014 (an excerpt from Recommendation 6/1 of AN-Conf/12);
  - b) States and PIRGs focus on implementing aviation system block upgrade Block 0 Modules according to their operational needs, recognizing that these modules are ready for deployment (an excerpt from Recommendation 6/1 of AN-Conf/12).

2.4 On the other hand, a lot of issues were not clarified and were left for further work by ICAO such as:

- a) ICAO develop an appropriate set of operational and economic incentive principles to allow early benefits of new technologies and procedures, as described in the ASBU modules, to support operational improvements, while maximizing safety, capacity and overall system efficiency (an excerpt from Recommendation 6/2 of AN-Conf/12);
- b) ICAO continue to work on guidance material for the categorization of block upgrade modules for implementation priority and provide guidance as necessary to planning and implementation regional groups and States (an excerpt from Recommendation 6/12 of AN-Conf/12);
- c) ICAO identify modules in Block 1 considered to be essential for implementation at a global level in terms of the minimum path to global interoperability and safety with due regard to regional diversity for further consideration by States (an excerpt from Recommendation 6/12 of AN-Conf/12).

#### Approach to the development of Seamless ATM Plan

2.5 Seamless ATM Draft Plan (WP10) gives us the impression that describes beyond Seamless ATM objective in 1.2. This might be because of the need for States and PIRGs to finalize the alignment of the Regional ANP with GANP by May 2014. If that is the case, the plan should be developed by focusing on implementing ASBU Block 0 Modules for the purpose of reviewing Regional ANP. However, this decision would require a drastic change of the Plan's framework.

2.6 If APSAPG continues working based on the discussions or materials developed by APAC region, the Plan should be developed from the standpoint of the objectives of Seamless ATM, and mainly focused on prioritized ASBU modules implementation, taking into account regional characteristics.

2.7 An image of the relationship between Seamless ATM Plan and related plans is appended as **Attachment A**.

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

- 3.1 The meeting is invited to:
- a) note the information contained in this paper;
  - b) reassure or agree the common understanding concerning the objective of developing Seamless ATM Plan by discussing 2.5 and 2.6 for the purpose of reviewing Seamless ATM Draft Plan (WP10); and
  - c) discuss any relevant matters as appropriate.

.....

# Relationships Between Related Plans

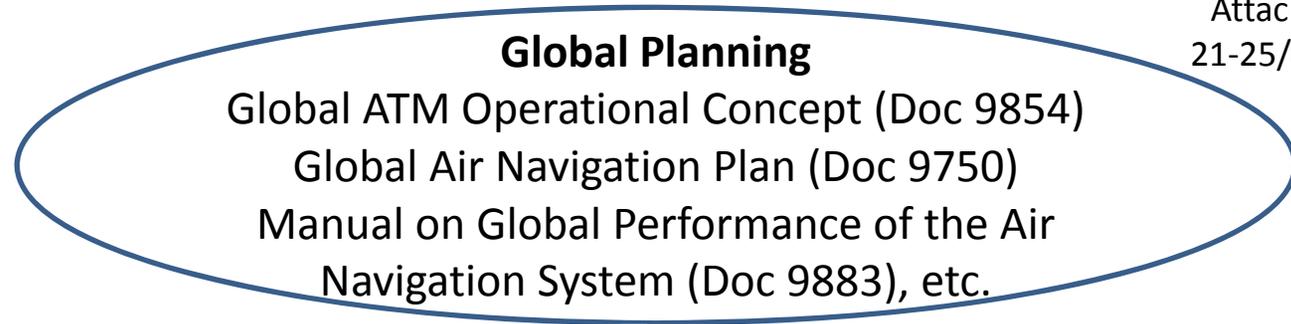
APSAPG/3- WP16

Attachment A

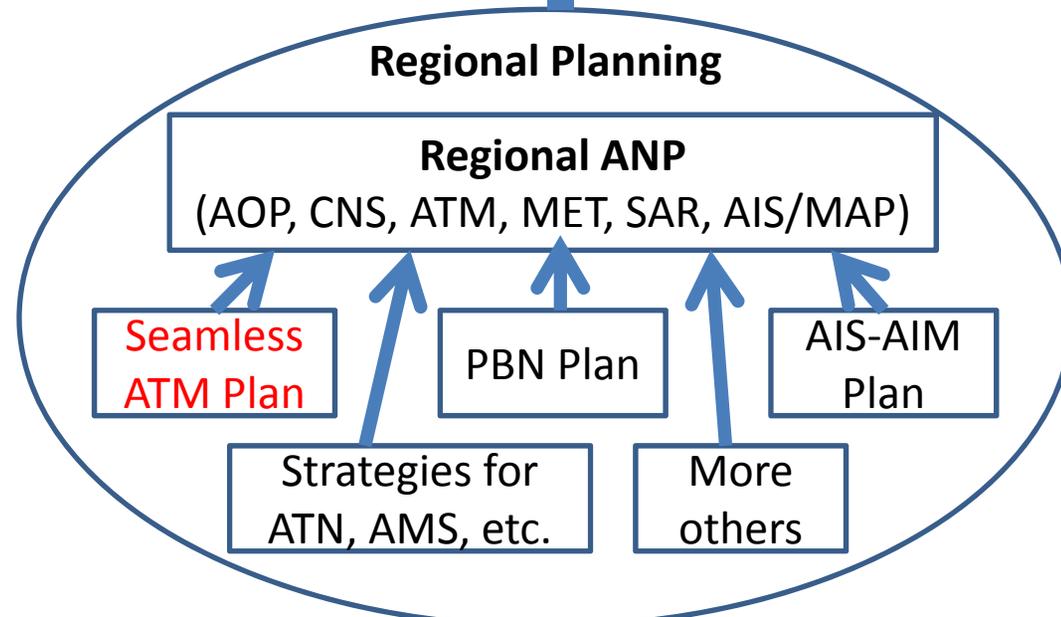
21-25/01/2013

(Figure1)

Global Level



Regional Level (APAC)



States Level

