



**The Fourth Meeting of ICAO AIS-AIM Implementation
Task Force (AAITF/5)**

Beijing, China, 25-26 June 2010

Agenda item 9: Any other business

AIM Implementation Plan of Republic of Korea

(Presented by Republic of Korea)

SUMMARY

Republic of Korea is going to implement Aeronautical Information Management by 2016 in accordance with the national roadmap developed basing on ICAO roadmap.

1. INTRODUCTION

1.1 The 『ICAO Roadmap for the Transit from AIS to AIM』 provides States of guidance to implement AIM through thirteen(13) steps which are categorized into three(3) successive phrases.

1.2 As an effort to meet ICAO roadmap and to comply with the related SARPs of Annex 15, Republic of Korea carried out a project last year and, as a result, developed the national roadmap for AIM implementation.

2. DISCUSSION

2.1 The Republic of Korea's AIM implementation roadmap contains the following contents:

- *Regulation Review* - Study on Annex 4(55th and 56th) and Annex15(35th and 36th) amendment, 1st AIS- AIMSG results and propose national regulations need to be revised ;
- *Lessons from other States* - Current status and future plan study on Eurocontrol, FAA, Sweden and Japan's cases;
- *System consolidation proposal* - How to combine current AIS DB and system into the new AIM DB and system;
- *Operational proposal* - Suggest ideal organizational structures that suit AIM ;
- *Annual plan* – Review other States' roadmaps and propose the roadmap for Republic of Korea

2.2 Republic of Korea's AIM will be consisted of six(6) components, which are AIP, NOTAM, PIB, TOD, AMDB and Weather. All these aeronautical information products will be developed by

2016 along with AIM DB in accordance with the national roadmap through the following seven(7) work plans:

- 2.2.2.1 Work plan No.1, regulations are going to be amended or newly established from 2010 to 2016 in order to timely reflect ICAO's scheduled amendment on ICAO Annex 4 and Annex15. Work plan No.2, AIM Implementation Special Task Force Team has been organized. This TF consists of members from AIS authorities, universities, airport operators, airlines, military authorities and weather authority, and they are bones and brains of AIM implementation. The TF is responsible to design a detailed developing plan for each AIM product as well as to provide practical advises on operational aspect of AIM products. Most of all, this group is an effective window to draw cooperation and coordination among different parties.
- 2.2.2.2 Work plan No.3, organization transform. Current AIS organization is separately placed at airports, regional offices and head quarter, and needs to be consolidated in a form which suits to carry out AIM. Work plan No.4, training. People who provide or use electronic aeronautical information will learn how to adjust themselves to the new type of aeronautical information and electronic working environment.
- 2.2.2.3 Working plan No.5, design and develop AIM DB. DB for static data, dynamic data, e-AIP XML data and GIS will be developed in a way to secure data safety and integrity. Working plan No.6, develop a production and management program (PMP) for AIP, NOTAM, PIB, TOD, AMDB and Weather. For TOD, AMDB and weather information, airport operators and weather authority will take major role for development, and AIS authority will integrate these three components into AIM structure.
- 2.2.2.4 Finally, Working plan No.7, held periodic workshops and seminars in order to provide information and share opinions among aeronautical information providers and users.
- 2.3 In accordance with the national roadmap, Republic of Korea is now developing e-AIP. This e-AIP will completely satisfy the requirements extracted from ICAO Annex15 and AIS-AIMSG study notes.

3. ACTION BY THE MEETING

- 3.1 This meeting is invited to note that Republic of Korea duly proceeds AIM implementation, and as the first outcome, e-AIP will be available in 2011.