



International Civil Aviation Organization

The Sixth Meeting of the Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/6)

Bangkok, Thailand, 15 to 17 March 2011

Agenda Item 8: Any Other Business

AERONAUTICAL INFORMATION SERVICE – AERONAUTICAL INFORMATION MANAGEMENT IN INDONESIA

(Presented by Indonesia)

SUMMARY

Aeronautical Information Management implementation is needed to anticipate the needs of aeronautical information, along with the increasing air transport demand, particularly in Indonesia.

This article highlights is about the stages of the implementation of AIM in Indonesia today and who was in the planning.

1. INTRODUCTION

1.1 In order to support programs The ICAO Roadmap for the Transit from AIS to AIM, Indonesia has made some efforts in implementing the AIS to AIM in Indonesia.

1.2 Some efforts have been initiated since 2004, by automating AIS system, programmes and development which being proposed have to be in line with the national road map which currently the ANSP organization are being restructured and some AIS functions will be delegated into new ANSP.

2. DISCUSSION

2.1 Stage that have been implemented

- In 2004, Establishment of the automated NOTAM Office Jakarta which integrated with several major Briefing Office those are Ngurah Rai Airport - Bali, Sultan Hasanuddin - Makassar, Patimura Airport - Ambon, Sam Ratulangi Airport - Manado, Syamsuddin Noor Airport – Banjarmasin, and Frans Kaisiepo Airport - Biak.
- In 2008, Developed AIP database which have not yet fitted out with chart data.
- In 2010, Publishing several AIS product such as Monthly NOTAM Summary, AIP Supplement and AIC through the website address [http://www.dephub.go.id/echelon work unit/Directorate General of Civil Aviation/Publikasi AIS](http://www.dephub.go.id/echelon_work_unit/Directorate_General_of_Civil_Aviation/Publikasi_AIS).

- In December 2010, Backup system for NOTAM Office has been installed which integrated with Briefing Office at Makassar Air Traffic Service Center (MATSC) - Makassar, this is done to anticipate emergency situations like communication line, fire, earthquake or other force major that caused operational in Jakarta NOF can't be operational normally. so that in the presence of backup systems NOTAM Office located in Makassar expected demand for aeronautical information via the NOTAM is in Indonesia to continue to be served properly and optimally.

2.2 Task list which being implemented and coordinated for consolidation.

Phase 1 Activities (2011-2012):

- In 2011, Indonesia will soon publish the AIP in the form of CD-Rom and in the website.
- Re-enforced quality management measure.
- AIRAC adherence monitoring
- Monitoring of States' differences to Annex 4 and Annex 15
- Agreements with data originators
- Establishment of aeronautical information conceptual model
- Establishment of integreted aeronautical information database

Phase 2 Activities (2013-2014)

- Continuing establishment of integreted aeronautical information database
- Compilation and provision of terrain data sets.
- Compilation and provision of obstacle data sets.
- Aerodrome mapping
- Establish data quality and integrity monitoring system
- In 2014, Planned to build a second backup International NOTAM Office system located in Jakarta Air Traffic Service Center. Planning the installation of a second backup system is to improve air traffic services in Indonesia.

Phase 3 Activities (2015-2017)

- Improve communication networks
- Create electronic aeronautical charts based on digital databases and the use of Geographic Information System (GIS).
- Interoperability with meteorological products
- Fine tuning of the current NOTAM format by introduction of new selection criteria.
- Training of personnel related to new requirements on skill and competencies.

3. **ACTION BY THE MEETING**

- 3.1 The meeting is invited to note the contents of this paper

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