



International Civil Aviation Organization

**The Ninth Meeting of the Asia/Pacific Aeronautical Information Services –
Aeronautical Information Management Implementation Task Force (AAITF/9)**

Pattaya, Thailand, 24 – 27 June 2014

Agenda Item 4: AIS-AIM Updates

**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 highlighted is about the stages of the implementation of AIM in Indonesia today and what is in the planning.

1. INTRODUCTION

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

1.2 Some efforts have been initiated since 2004, by automating AIS system for NOTAM Office operation firstly, programmes and development which being continued proposed and coordinated between Directorate General of Civil Aviation (DGCA) and air navigation service provider in line with the national road map.

1.3 Significant changes were regarding to divided management on between air navigation service provision and airport operation, new organization with new management which provide air navigation service named AIRNAV INDONESIA (organization structure as shown on page 4) officially established by Government Rule number 77 year 2012, unification of air navigation service within Jakarta FIR and Ujung Pandang FIR in one management carried out by phases, as a priority major airports which under PT. Angkasa Pura (Persero) 1 and 2 (formerly) followed by other airports under DGCA. Completing and reset up on facilities, services, procedure and human resources are still on going.

2. IMPLEMENTATION AND PLAN

2.1 Implementation stages which have been improved could not bring up fastly, coordinated and consolidated programmes are mostly important with new organization, regulations are main based to run the program, following tables below mentioned the task list which have been done and planned :

Phase 1 Activities :		
<i>P-03</i>	<i>AIRAC adherence monitoring</i>	CASR 175 / ministry decree no. 22 year 2009) dan MOS 175-03 (KP 234 year 2014)
<i>P-17</i>	<i>Quality</i>	re-enforced to ensure the required level of quality of the aeronautical information with develop Manual Of Standard 175-05 (QMS for AIS),
<i>P-04</i>	<i>Monitoring of States differences to Annex</i>	SI LEG 02 & SI LEG 04 and publish in AIP Indonesia Volume 1 part GEN 1.7 (Amdt 20, 20 JUL 09), publish AC 175-01 aeronautical chart
<i>P-05</i>	<i>WGS-84 implementation,</i>	Integrated Aeronautical Information Package Implement WGS-84 (DG decree No: SKEP/29/II/2010).

Table 1: AIS – AIM Transition Phase 1 Activities

Phase 2 Activities :		
<i>P-01</i>	<i>Data quality monitoring</i>	developing SOP regarding check and recheck data before and after input in AIM database.
<i>P-02</i>	<i>Data integrity monitoring</i>	system is prepared.
<i>P-06</i>	<i>Integrated aeronautical information database</i>	has been set up for AIXM 5.1.
<i>P-07</i>	<i>Unique identifiers</i>	has been set up for AIXM 5.1
<i>P-08</i>	<i>Aeronautical Information Conceptual Model (AICM)</i>	available and is being develop in order to set up with the new ANS organizational structure .
<i>P-11</i>	<i>Electronic AIP</i>	can be access in http://aimindonesia.info (by product centric)
<i>P-13</i>	<i>Terrain</i>	need coordination with Geospatial Information Agencies in order to refer Act no.4 year 2011 subject to information geospatial and Government Rule no.9 year 2014 subject to implementation Act no.4 year 2011
<i>P-14</i>	<i>Obstacles</i>	implementation with compilation information from sources (airport).
<i>P-15</i>	<i>Aerodrome mapping</i>	coordination between Airnav and airport operator.

Table 2: AIS – AIM Transition Phase 2 Activities

Phase 3 Activities :		
<i>P-09</i>	<i>Aeronautical data exchange,</i>	develop program to exchange data between AIM database with procedure design system.
<i>P-10</i>	<i>Communication networks</i>	develop conection for supporting internal aeronautical data exchange.
<i>P-12</i>	<i>Aeronautical information briefing</i>	existingly PIB is created or prepared by individual briefing office system which is connected with NOF but not integrated yet with AIM database. Integrated Pre-flight Information in Jakarta Air Traffic Services Centre (JAATSC) that include NOTAM, MET, FPL elements available on web internet address: http://www.aim-jakarta.co.id .
<i>P-16</i>	<i>Training</i>	Training subject to AIS and AIM basicly has been implemented, training program subject to futher AIM technology development will be set up as required
<i>P-18</i>	<i>Agreements with data originators</i>	CASR 175 and AC 175-01 (KP.233 year 2013) to set up LOA with data originator.
<i>P-19</i>	<i>Interoperability with meteorological products</i>	refer to existing MOU which still necessary conduct coordination to preparedness and availability meteorological information on AIS entity by agreement beetwen meteo service provider and ANSP (AIRNAV) indonesia.
<i>P-20</i>	<i>Electronic aeronautical charts</i>	are available by product centric, aeronautical chart database connected to AIM DB is being prepared.
<i>P-21</i>	<i>Digital NOTAM</i>	system is being prepared

Table 3: AIS – AIM Transition Phase 3 Activities

3. ACTION BY THE MEETING

3.1 The meeting is invited to :

- a. Note the information contained in this paper, and;
- b. Encourage states in the Asia/Pacific region to share their experience in the use of internet connection to access aeronautical information.

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