International Civil Aviation Organization

The Seventh Meeting of the Asia/Pacific Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/7)

Ha Noi, Viet Nam, 13 – 16 March 2012

Agenda Item 4: AIS-AIM Updates

TRANSITION FROM AIS TO AIM

(Presented by India)

SUMMARY

This paper presents the update on the steps undertaken by India for Transition from AIS to AIM

This paper relates to –

Strategic Objectives:

> A: **Safety** – *Enhance global civil aviation safety*

Global Plan Initiatives:
GPI-18 Aeronautical information
GPI-20 WGS-84

1. **INTRODUCTION**

1.1 India has large number of airports for which enormous aeronautical data is required to be managed by AIS. Additionally, this aeronautical data needs to be amended or modified at regular intervals due to continuous development taking place in Indian Aviation Industry to keep pace with the heavy traffic growth.

1.2 Since accurate and updated geographical coordinates are used in all phases of flight, it is imperative that such critical data is timely disseminated.

2. **DISCUSSION**

2.1 For transition to AIM, AIS automation is essential constituent of the process. To achieve the objective of efficient management of aeronautical information, India has implemented AIS automation.

2.2 **AIRAC Adherence Monitoring**: India adheres to AIRAC procedures.

2.3 **Monitoring of States Difference to Annex 4 and Annex 15:** India complies with the provisions of Annexes and Amendments. Any difference is intimated to ICAO while filing the response to Amendments.

2.4   **WGS84 Implementation:** WGS 84 is implemented in India.

2.5   **Quality and Data Quality Monitoring**: Quality Management System has been implemented In India and AIS Section is 9001:2008 certified.

2.6   **Data Integrity Monitoring:** At present 'Manual Verification' is being carried out for monitoring. However, automated tool is also being implemented.

2.7   **AICM/AIXM**: The AIS Automation System in India is Version 4.5.

2.8   **Electronic AIP**: e-AIP has been uploaded on AAI's web site for evaluation and comments from users/operators.

2.9   **ETOD**: India is planning to implement the electronic Terrain and Obstacle Data by 12 NOV 2015.

2.10   **Aeronautical Data Exchange:** ATN/AMHS system in-use at Mumbai has capability to use Internet Protocol Suite (IPS) for exchange of data communication. India has also planned to provide IP-based domestic AMHS at Chennai, Kolkata and Delhi.

2.11   **Communication Networks:** India is taking initiatives to implement its own managed communication network for exchanging data communication (ground-to-ground) to meet the requirements of transition to AIM.

2.12   **Aeronautical Information Briefing:** The dynamic data provided for Aeronautical Information. Briefing is fully automated and delivered to airline operators /flight crew via Automatic Self-Briefing system.

2.13   **Digital NOTAM:** Appropriate action will be initiated for implementation of Digital NOTAM based on future ICAO plan.

3.   ACTION BY THE MEETING

The meeting is invited to note the information contained in this paper.

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