CAA OF MONGOLIA

NEED FOR AIM TRAINING COOPERATION AMONG STATES

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AIS Specialist, Point of Contact for various ATM projects such as AIM, PBN, FPL2012 etc for CAA of Mongolia.

Latest developments in Aeronautical Information Services of Mongolia

AERONAUTICAL INFORMATION SERVICES DIVISION

Aeronautical Information Services Division currently forms a part of Air Traffic Management Corporation of Mongolia, which is a separate entity responsible for providing air navigation services according to the ongoing structure changes within the civil aviation system in Mongolia.

- **NOTAM Services**
- **Pre-Flight Information Service**
- **ATS Reporting Office**
- **AIP Service**
- **Cartography Service**
- ~~**Flight Procedure Design Service**~~

ULAANBAATAR FIR

eAIS system
- NOTAM Service
- Pre-Flight Information Service
- ATS Reporting Office

eAIP system
- Electronic Aeronautical Information Publication

- Electronic Mapping system **(e-MAP)**
- Electronic Terrain and Obstacle Database **(e-TOD)**
- Internet Self-briefing

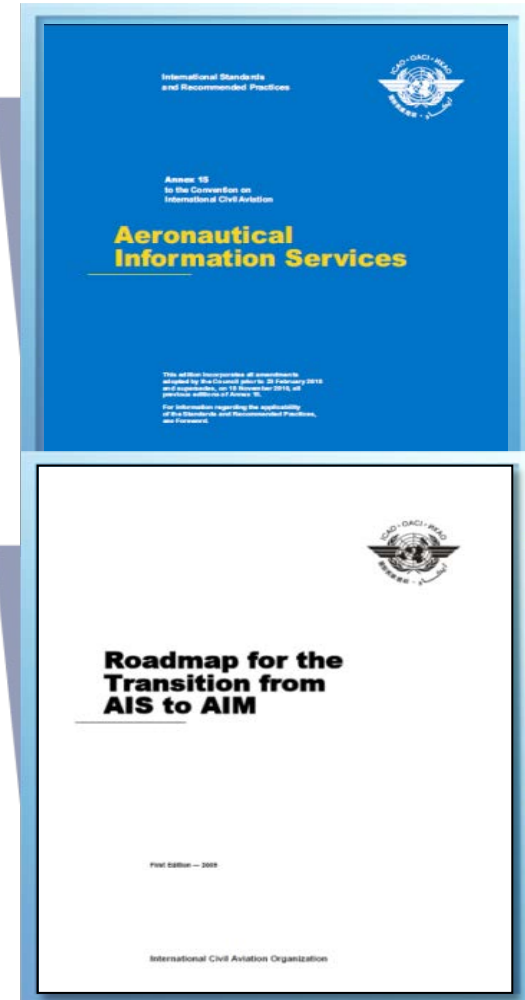| 1st Phase	2nd Phase	3rd Phase
2008	2010	2013
ICAO Roadmap	ICAO Roadmap	

With 40 administrations and 49 FIRs, the Asia Pacific region is the most diverse region in terms of cultural and political differences.

Regional harmonization is challenging as opposed to US or Europe, where this responsibility would fall to the Federal Aviation Administration (FAA) or EUROCONTROL.

The APAC Regional Office has successfully taken the lead in implementing AIM in the region but their resources are limited.

AIM related meetings, training or seminars are occasionally held in the region as opposed to airspace, air traffic flow management or Performance Based Navigation activities.
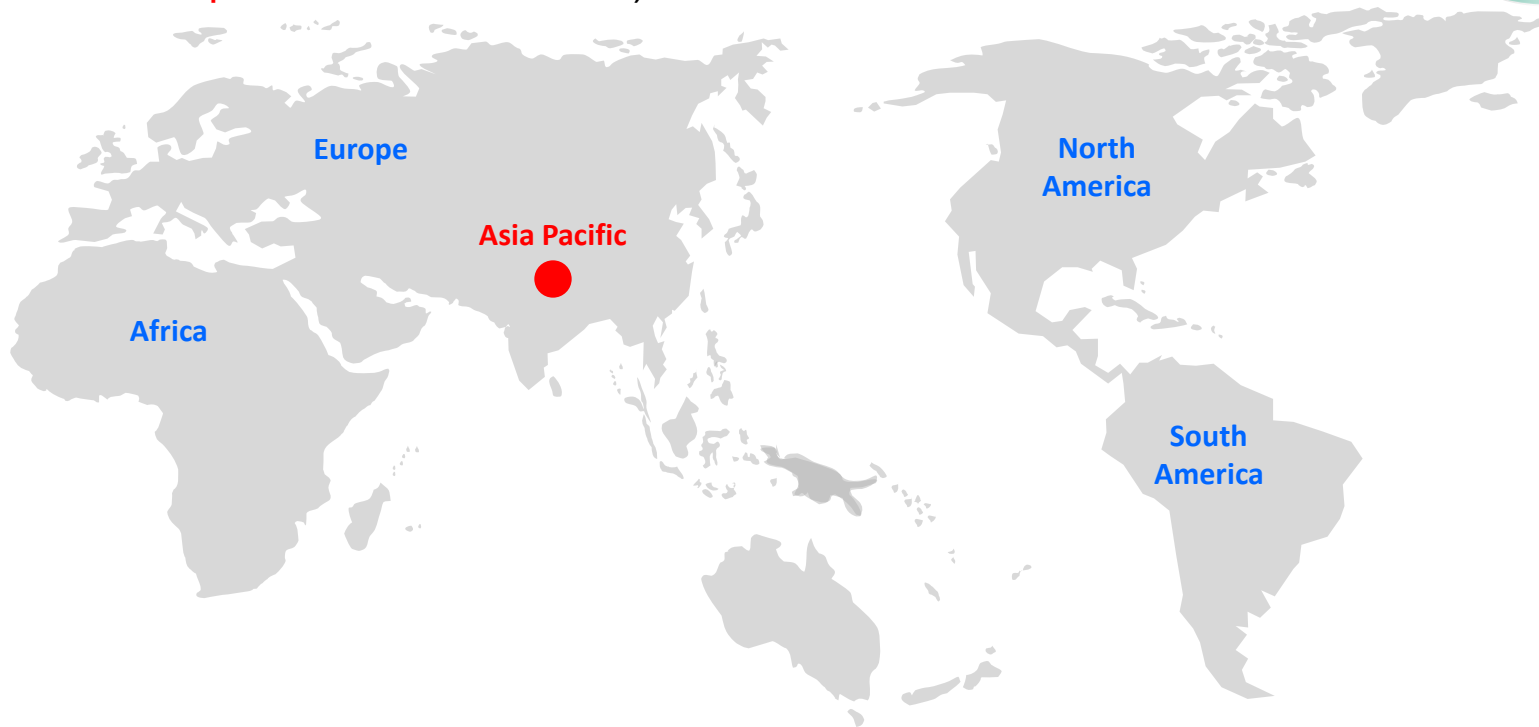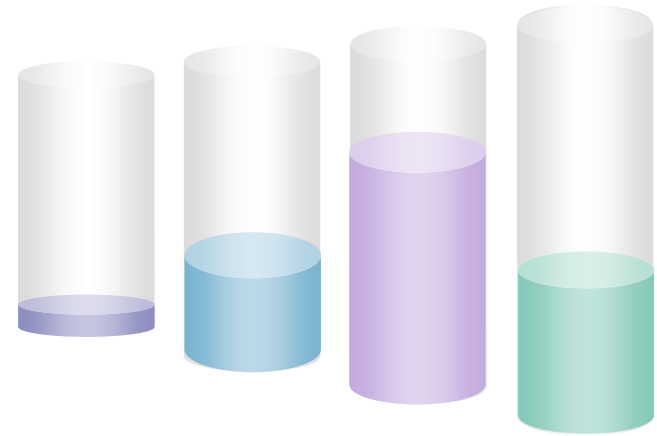
International Standards and Recommended Practices

Annex 15 to the Convention on International Civil Aviation

Aeronautical Information Services

Roadmap for the Transition from AIS to AIM

International Civil Aviation Organization

Since 2008, AIS of Mongolia has been carefully studying the regional process

Some States are well on their way to successful implementation while others are struggling.

Cooperation must be established to ensure harmonized implementation throughout the region. (Regional AIM implementation website?)

AIM IMPLEMENTATION IN APAC

COSCAP Cooperative Activities

1. Big gap still exist among APAC States

2. Basic AIS Training

3. Advanced AIS Training

4. Good understanding of Roadmap steps and QMS

Sponsored by:

In January of 2013, COSCAP and AIS of Mongolia co-organized the Basic AIS training for Asia Pacific region. The training was sponsored by Boeing and Airbus and attended by participants from Malaysia, DPRK and Mongolia.

Having previously participated in Basic AIS training in Ulaanbaatar, General Administration of Civil Aviation (GACA) of DPRK identified the need for advanced training for their AIS personnel.

The training was held in Ulaanbaatar city from 06 to 14 February 2014. During this training, DPRK participants were provided with knowledge of roadmap phases and steps AMDT 37 of Annex 15, QMS and other new SARPs related to AIM.
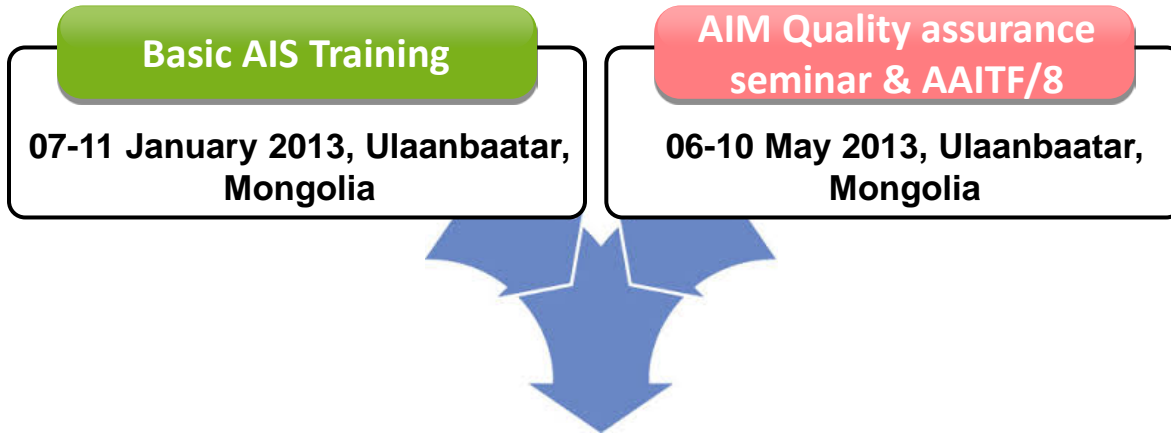

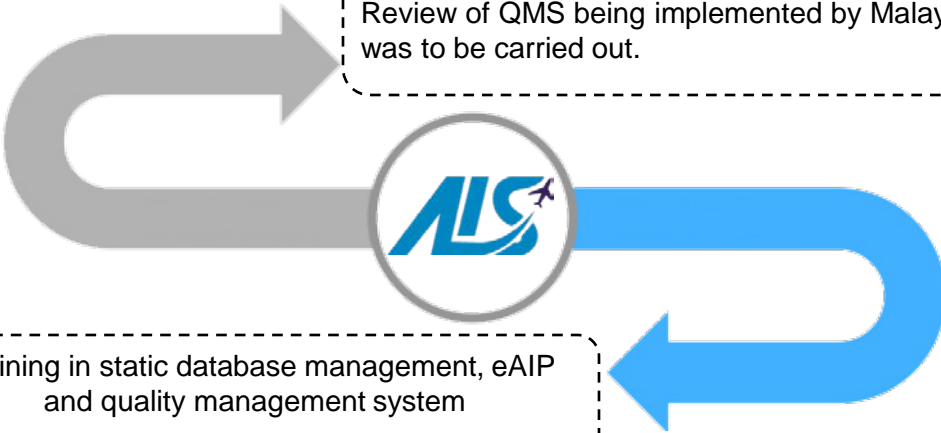**Participants, instructors & CTA**

Participants from Malaysia

Participants from DPRK

Avitech Cooperative Activities

Basic AIS Training

07-11 January 2013, Ulaanbaatar, Mongolia

AIM Quality assurance seminar & AAITF/8

06-10 May 2013, Ulaanbaatar, Mongolia

We were approached by Avitech for possible consulting services for Malaysia as part of their contract.

Review of QMS being implemented by Malaysian AIS was to be carried out.

Training in static database management, eAIP and quality management system

Avitech Cooperative Activities

Malaysia is introducing Avitech systems. By using the resources of AIS of Mongolia, it helped Avitech to reduce the time and effort needed to migrate Malaysian data into the system and train their staff.

Training in static database management, production of AIP, AIP amendment, AIP Supplement and AIC in Framemaker based structured document type system and training in QMS were delivered as part of contract between DCA of Malaysia and Avitech.

We have signed another contract with Avitech to do the same migration, training and consulting for Greece and Bahrain. The work is expected to commence this summer.

We are happy at Malaysia's progress in implementation table.

Electronic AIP should be AIXM not PDF. It's true but in order to do this, you need structured database which is linked to the document type system. ALL these are expensive.

Future Cooperative Activity

COOPERATION

eAIP

Agreement with data Originator

Aeronautical Information Management

Training

QMS

In terms of AIM, Mongolia started early. In some ways, it was a disadvantage and sharing the experience we accumulated and challenges we faced with other States has always been a priority for us.

We are currently working on developing Standard AIS Training Package (STP) in cooperation with Civil Aviation Training Center of Mongolia who is a TRAINAIR PLUS member.

In future, we are always open to opportunities for collaboration and technical assistance in AIM transition.

IFAIMA

Mongolian Aeronautical Information Management Association (MAIMA) has been a member of IFAIMA since 2009.
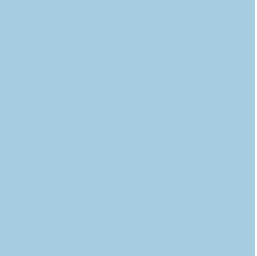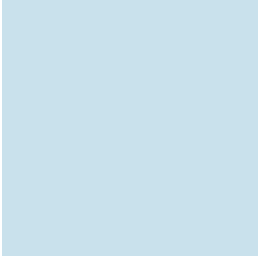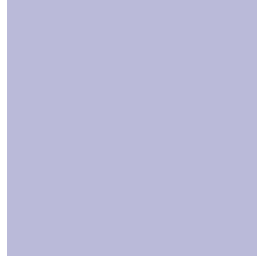
IFAIMA is International Federation of Aeronautical Information Management Associations with 28 member associations throughout the world.

It has been recognized by the European Commission, EASA, CANSO, ETF and most recently, ICAO.

IFAIMA organizes Global AIM Congresses every year. The next one is very close to us this year, in Hanoi, Vietnam from 9-11 Jun 2015.

It is a very good initiative to get better understanding of AIS to AIM transition, get involved in AIM related activities and developments and enjoy training opportunities.

IFAIMA has training cooperation with several organizations.

Thank You!

CAA OF MONGOLIA