MILESTONES OF CIVIL AVIATION MONGOLIA

- ADS-B
- Approach radar control service
- PBN PHASE II

- Surveillance separation
- PBN

Landing of first aircraft

First domestic flight

Agency of Air Affairs was established

ICAO member state

Civil Aviation Authority of Mongolia was established

Surveillance service

(Cnew FPL-2012)

Surveillance separation

ADS-B

Performance Based Navigation (PBN)

CANSO member

ICAO Safety Oversight Audit

RVSM

Surveillance equipment program

National air navigation development project

Reform of ground navigation infrastructure

Organised by

Hosted by

Lead Sponsor
OBJECTIVES AND EXPECTED OUTCOMES

STRATEGIC OBJECTIVES

- Direct route structure;
- Navigation infrastructure employing latest technology;
- Flexible airspace management;
- Successful safety management system;

EXPECTED OUTCOMES

Establish and maintain air navigation services in North/East Asia that is:

- Safe
- Predictable (in terms of charges and permission)
- Delivers high capacity and capability
- Economically efficient
- Environmentally sustainable
AIR TRAFFIC FLOW ON MAIN UPPER ROUTES
ENROUTE AIRSPACE PLANING
Performance Based Navigation (PBN)
SAFE AND EFFICIENT NAVAIDS
WEST SIBERIA – MONGOLIAN GOBI

Navaid located in Northern Mongolia

DVOR/DME station located in Mongolian Gobi
OBJECTIVES AND EXPECTED OUTCOMES
AIS to AIM

18 OF 21 STEPS IMPLEMENTED SUCCESSFULLY

Based on our success, we are able to

- Attend SWIM DEMO 2016
- Share practices in APAC region
- Audit AIM organizations in APAC region

Roadmap steps pending:

- MET/AIM interoperability
- Digital NOTAM
- Aeronautical Information Briefing /30%/
GROWTH OF OVERFLIGHTS

2010 year: 11.8%
2011 year: 14.8%
2012 year: 6.0%
2013 year: 3.7%
2014 year: 1.7%
2015 year: 4.1%
2016.01-03 month: 8.8%
GOING FORWARD

As a result, we have achieved:

- Increase in CAPACITY and
- Improvement in SAFETY

What’s next?

AIR NAVIGATION SERVICE to meet the increasing demand in Asia/Pacific region.

OUR OFFER-NORTH PASS
What is North Pass?

- Most direct routes linking:
  - East Asia with Europe
  - Southeast Asia with North America
- High capacity airspace
- Flexible choice of routing
- No delay permission
- Sophisticated infrastructure
- Skilled personnel
- Well regulated environment
WELCOME TO MONGOLIA