



# Roadmap for the Transition from AIS to AIM

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# Background

- Developed by Secretariat
- Reviewed by AIS-AIMSG/1 with subsequent input
- Noted by ANC March 2009
- On ICAONET, ICAO AIM website
- States informed by State letter AN 2/2.2-09/13
- Translation underway
- Living document



# Need for the Roadmap

- The Global Air Navigation Plan (Doc 9750) contains near- and medium-term guidance on air navigation system improvements necessary to support a uniform transition to the air traffic management system envisioned in the Global Air Traffic Management Operational Concept (Doc 9854).
- Doc 9750, sets out global plan initiatives (GPI).
- Directly related to aeronautical information (*GPI-18 Aeronautical Information and GPI-20 WGS-84*).
- AIS recognised as a key enabler of future ATM.



# Function of the Roadmap

- High level strategic document
- Practical guidance and advice to regional planning groups and States for development of AIS-AIM implementation and funding strategies.
- Identifies the major milestones recommended for a uniform evolution across all regions of the world.
- Specifies steps that need to be achieved and timelines for implementation.
- Places the future AIM in a position to better serve airspace users and ATM in terms of their information management requirements.



# Importance and what will change

- Why aeronautical information matters
- How information is distributed today
- The objective of the transition to AIM
- What will change
  - Users
  - Data
  - Products
  - AIRAC cycle



# Eight guiding principles

- 1. comply with the process for amendments to Annexes;
- 2. support aeronautical information which improves the safe and cost-effective accessibility of ATS;
- 3. foundation for measuring performance and outcomes linked to quality assured aeronautical information;
- 4. assist States to make informed choices about their aeronautical information services and the future of AIM;

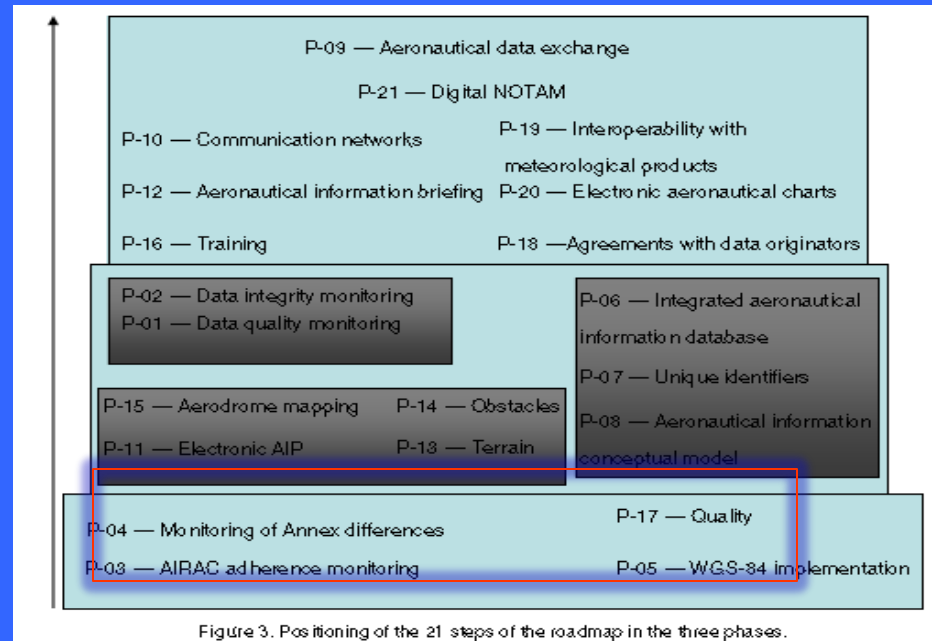


# Eight guiding principles

- 5. build upon developments and acknowledge that the transition to AIM is a natural evolution – not a revolution;
- 6. provide over-arching and mature standards;
- 7. guided by the *Global Air Navigation Plan*; and
- 8. solutions are internationally harmonized / integrated.



# AIS-AIM transition roadmap



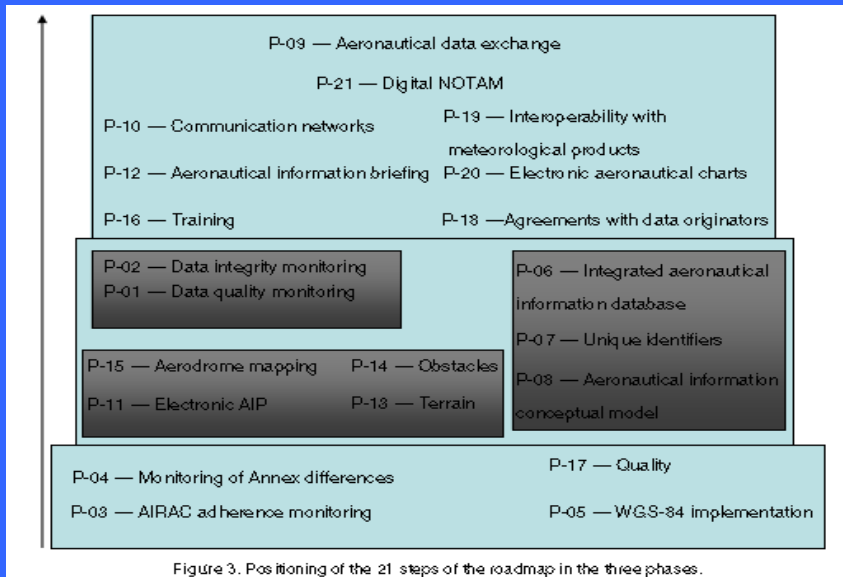
## Phase 1: Consolidation

- P-03 AIRAC Adherence monitoring**
- P-04 Monitoring Annexes 4,15 differences**
- P-05 WGS84 Implementation**
- P-17 Quality Management System**



# AIS-AIM transition roadmap

## Phase 2: Going digital



- P-01 Data Integrity monitoring
- P-02 Data Quality monitoring
- P-06 Integrated aeronautical information Database
- P-07 Unique identifiers
- P-08 AICM
- P-11 Electronic AIP
- P-13 Terrain
- P-14 Obstacles
- P-15 Aerodrome mapping



# AIS-AIM transition roadmap

## Phase 3: Information Management

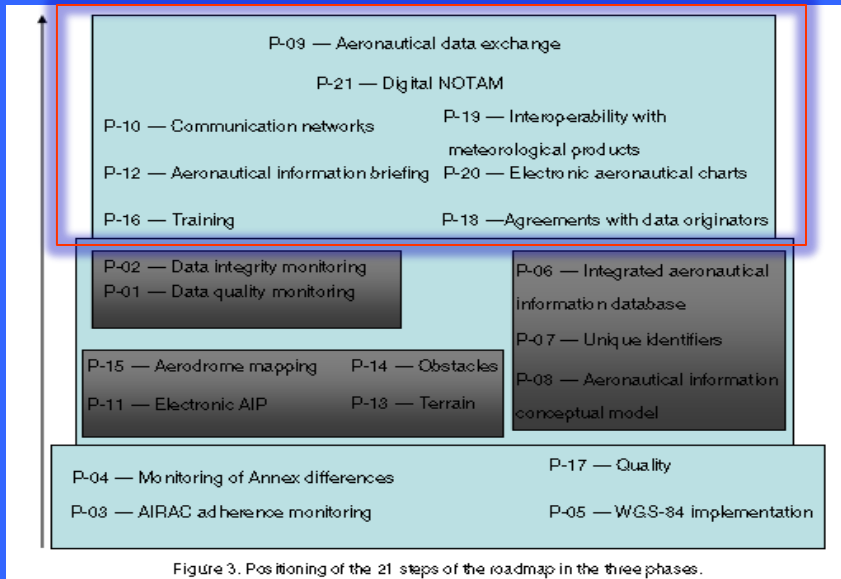


Figure 3. Positioning of the 21 steps of the roadmap in the three phases.

- P-09 Aeronautical Data Exchange
- P-10 Communication networks
- P-12 Aeronautical Information Briefing
- P-16 Training
- P-18 Agreements Data Originators
- P-19 Interoperability with MET products
- P-20 Electronic Aeronautical charts
- P-21 Digital NOTAM



# Timeline

- **December 2008 starts Phase 1 — Consolidation**
  - AIS-AIMSG work starts, ANNEX 15 Amendment 36, Doc 8126
- **November 2009 starts Phase 2 – Going digital**
  - development of related guidance material (electronic AIP, aeronautical information conceptual model, training, quality)
- **October 2011 starts Phase 3 — Information management**
  - AIS-AIMSG will finalize proposals for amendment 37 to Annex 15. This amendment will be setting the scene for the future requirements on States to produce data sets.



Questions?

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