



AMC Activities

AMHS Implementation Workshop

Bangkok, Thailand

27th – 28th January 2010

EUROCONTROL AMC Concept



Scopes and Objectives

- Deliver Off-Line Network Management Services in support of the “ATS Messaging part” of the AFS:
 - the integrated AFTN / CIDIN / AMHS network
- Support to States with AMHS in operation
 - AMHS Management Functions – Operational Support (AMF-O)
- Support to States on their way to implement AMHS
 - AMHS Management Functions – Implementation Support (AMF-I)
- Provide the service in a single focal point for AFTN, CIDIN, AMHS
 - For EUR/NAT Regions
- Also provide service to other Regions, with a priority on address management
 - Service provided on a co-operative basis (not chargeable)

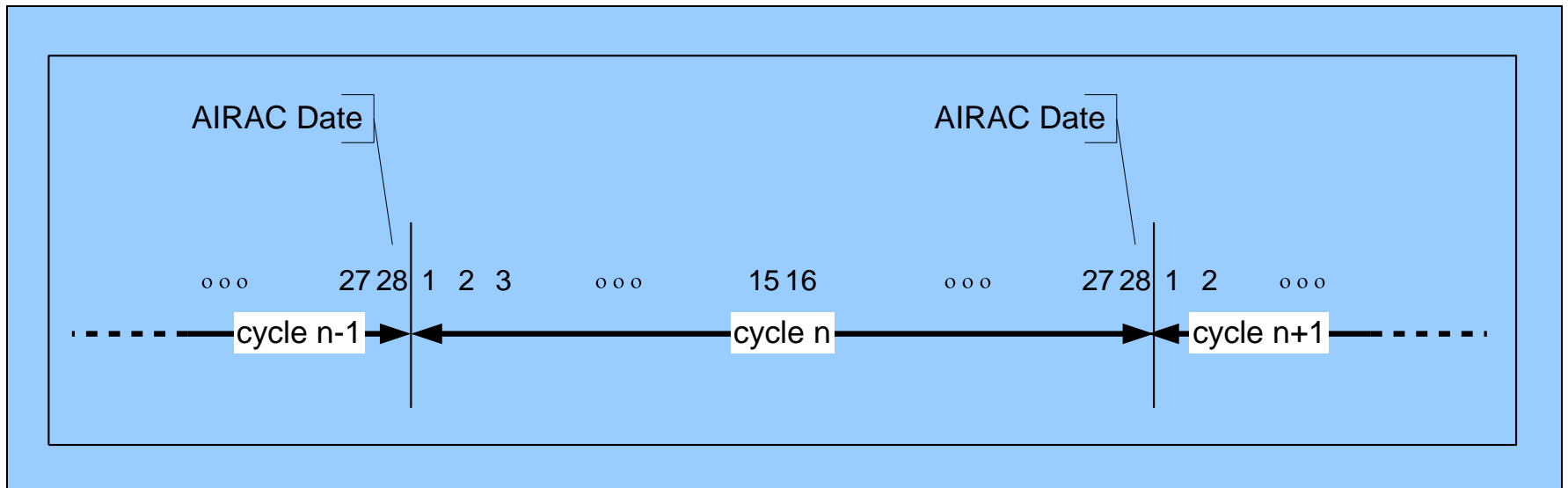
AMF-O Functions



- Network Inventory
- Routing Directory
- Address Management
- User Capabilities Management
- Statistics

- Static Report
- COM Charts






AMF-O Procedure – AIRAC Cycle



AMF-O Procedures

General View

Day in Cycle	Data Entry	Data Validation and Processing	ACK Phase	ACK Processing	Data Retrieval and Implementation (by CCC)
	by CCC / Ext COM / AMC	by AMC	by CCC	by AMC	Data Publication (by AMC)
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LEGEND		AMC Operator locks COM Centres		AMC Operator releases the routing matrix
		AMC Operator transfers to pre-operational area		AMC Operator moves data to operational area, unlocks COM Centres and makes official publications; CCC Operators use new data for operational service
		Weekends		

AMF-I Functions



- AMHS MD Contacts
- AMHS Implementation Planning
- Interworking Test Support
 - Download test documentation
 - Test activities database
 - Test environment data
 - Test planning

AMF-I Functions



- Monitoring of AMHS Documentation Maintenance
 - PDRs and APs
 - AMHS Documentation Maintenance Procedures
- Helpdesk Functions
 - Download support information
 - Implementers' forum
 - FAQs

ASIA/PAC Region



- The ICAO Asia/Pacific Interim AMHS Database has been established to handle AMHS Address Management.
- All States within the region has been requested to register their AMHS Addresses to ICAO ASIA/PAC Regional Office

Proposed ASIA/PAC Procedure



Changes in AMHS address can be categorized in two categories:

a) Major Changes (should not be frequent)

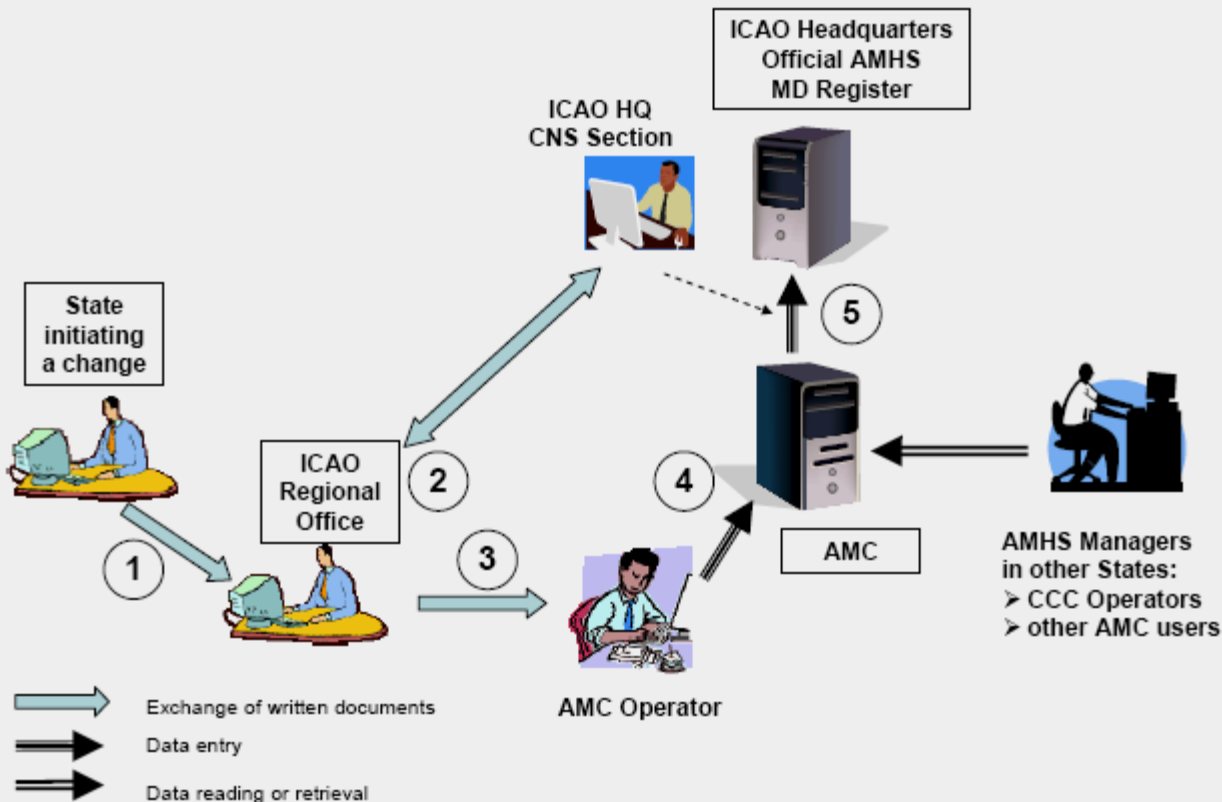
- 1) Modification of PRMD – name
- 2) Change of addressing scheme, among those identified in ICAO Docs 9705/9880 from “XF” to “CAAS” or vice-versa (less likely to happen)

b) Minor Changes (should be more frequent)

- 1) Modifications in CAAS table (associations between location indicator –“OU” address attribute value and “O” address attribute value)

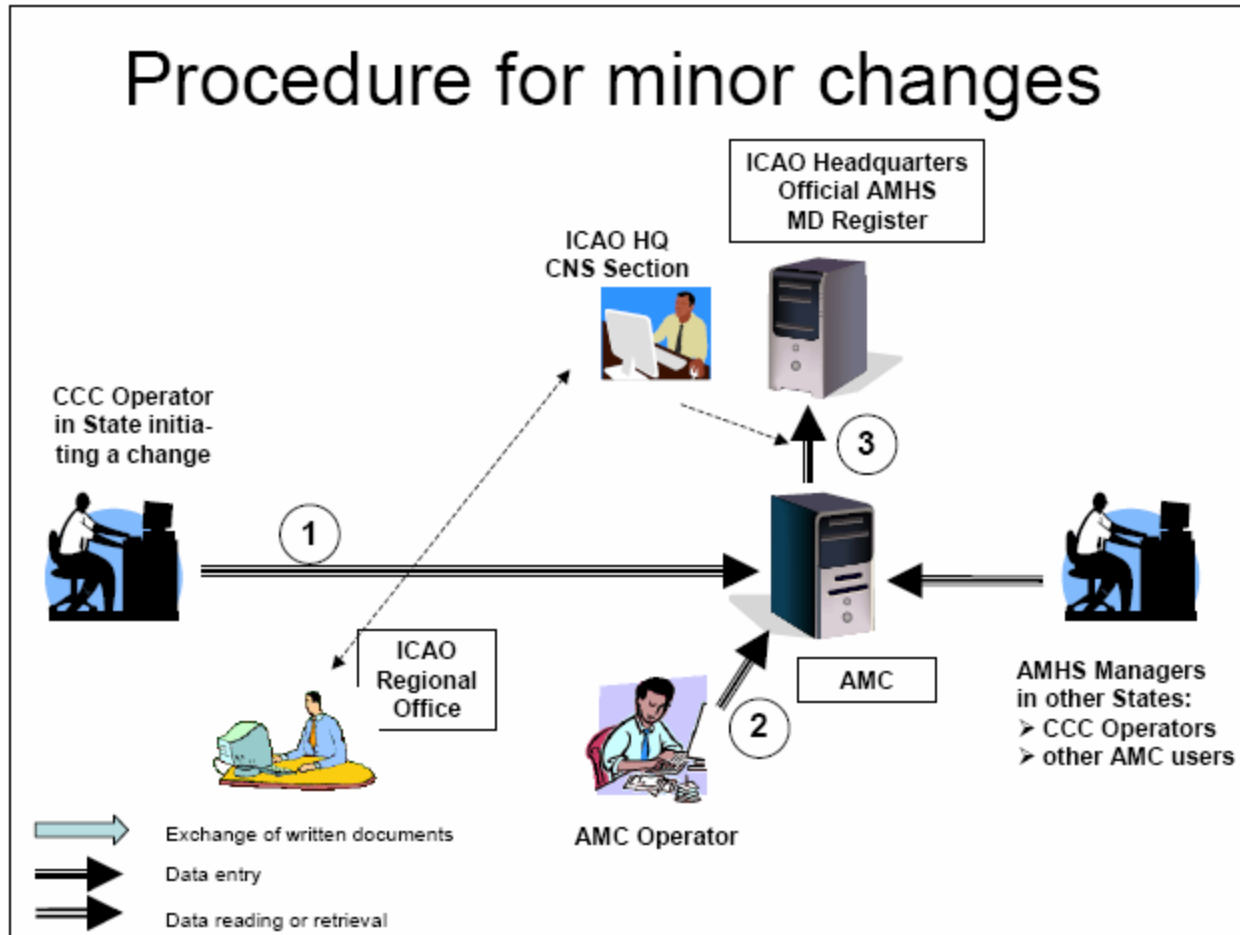
Proposed ASIA/PAC Procedure

Procedure for major changes



Proposed ASIA/PAC Procedure

Procedure for minor changes



Proposed ASIA/PAC Procedure



- AEROTHAI is the nodal agency in Asia and Pacific Region to coordinate with EUROCONTROL AMC.
- To perform the data entry and acknowledgement in AMC application in place of some states, a certain buffer time is required.

Proposed ASIA/PAC Procedure








1. In the Data Entry phase, the state should submit the information between Day 1 and Day 5 of AIRAC cycle.
2. In the ACK Phase, the time period is the same as AMC procedure.
3. In The Data Retrieval and Implementation Phase, coordination of the approved AMC information will be on Day 25.

Proposed ASIA/PAC Procedure

General View

Day in Cycle	Data Entry by CCC / E. COM / AMC	Data Validation and Processing by AMC	ACK Phase by CCC	ACK Processing by AMC	Data Retrieval and Implementation (by CCC) Data Publication (by AMC)
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	 Weekends	

Information submitted and approved by States and ICAO Regional Office

Acknowledgement

Coordination with States of all information



The End