Aviation DWG
AIXM Change Management

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Objective

- Need to stabilise AIXM’s changes after the AIXM 5 “big-bang”
  - Model stability leads to system stability
- Codify the process behind those changes
- Ensure that stakeholders are more formally consulted and all their issues are addressed
History

- AIXM 4.5: formal consultation, but with limited representation Change Control Board

- AIXM 5.0/5.1: developed and managed jointly by the FAA and EUROCONTROL (Memorandum of Cooperation)
  - With support from NGA and some European States
  - Informal consultation through AIXM Forum
  - OGC has been another contributor to the validation and evolution of AIXM, through OWS activities.

- Need a CCB to involve more stakeholders in the decision making
AIXM Change Management Process

• It is proposed to form an **AIXM Change Control Board** which
  • Will supervise the **maintenance** of the AIXM model and the 
    associated documentation
  • Shall guarantee a **fair and transparent AIXM Change** 
    Management process
  • Will manage the **release of new AIXM versions**
  • Will be composed of **representatives** of **different stakeholder**
    groups (Max. 20 people to keep things manageable)

• The **AIXM Secretariat** (EUROCONTROL & FAA) will do the effective
  work to maintain the model, under the supervision of the CCB.

• The AIXM change management process shall be driven by **consensus**.

• **Key principle**: Ensure visibility and give the possibility to **all AIXM**
  **stakeholders** to **contribute** in change management process.
The stakeholders

- States
- ANSP
- Flight plan and data service providers
- Airlines and airspace users
- Airports
- **Manufacturing industry => OGC Aviation DWG ?**
- Military organisations
- Eurocontrol and FAA
Change Management Process

Note: Some less important state transitions are not represented on this diagram in order to keep it readable. For example, an Approved Change also changes into “Resolved” that status of the corresponding Potential Change.
• Tool widely used for software bug tracking, which can be easily configured to match the AIXM Change Management process.

• One licence managed by the AIXM Secretariat

• Any stakeholder who wishes to contribute to AIXM bug reports or change requests will need to register themselves with the tracking system.

• Should be deployed in 1Q 2011.
Role of the Aviation DWG?

- The Aviation DWG could be one of the organisations representing the interest of the **manufacturing industries** within the AIXM CCB.

- The Aviation DWG has **first to demonstrate its capability**
  - To bring together **on a regular basis** companies that have **proven OGC/AIXM expertise**
  - To **produce** relevant **materials supporting** the future **AIXM developments**: draft **Metadata profile & GML profile for Aviation**, support the work of OWS “Aviation Thread” testbeds etc…
Questions ?