Aviation DWG
AIXM Change Management

Toulouse / 21-Sept-2010
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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
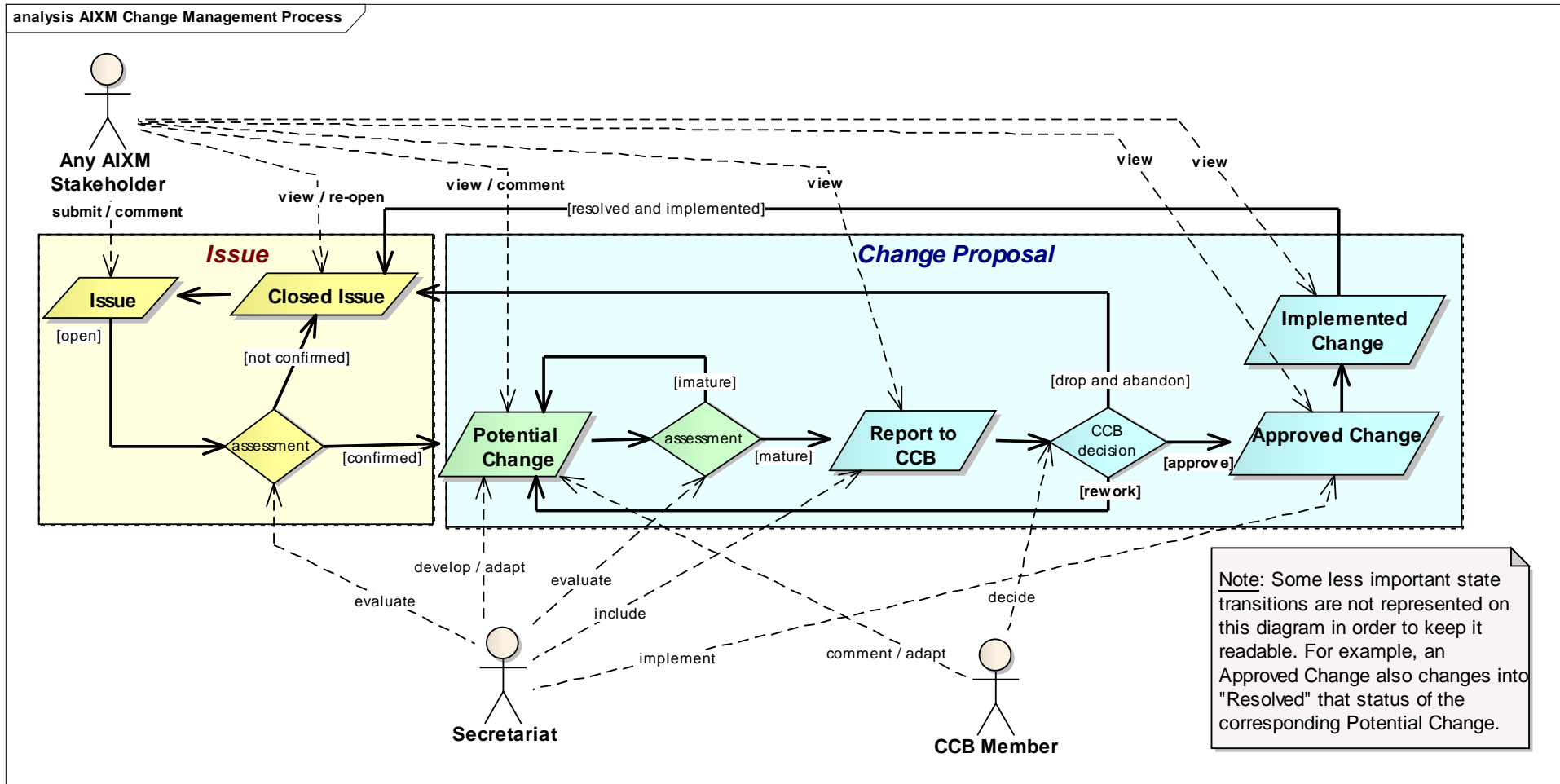
AIXM Change Management Process

- 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

JIRA

- 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.

EUROCONTROL

JIRA

User   Quick Search

Dashboards ▾   Projects ▾   Issues ▾   Administration ▾   + Create Issue

Create Issue

Enter the details of the issue...

Project: AIXM Change Management
Issue Type: Improvement
*Summary: "Runway Ahead" Marking
Description: The current model does not have the possibility to indicate that "runway ahead" marking are associated with a taxiway holding position. This could be useful for airport mapping applications.

Attachment: [   ] Browse...
The maximum file upload size is 10.00 MB. Please zip files larger than this.
*Reporter: User
Start typing to get a list of possible matches.
AIXM Component: ☑ UML model
☑ XML Schema
☐ Temporality Concept
☐ Extensions Concept
☐ Business Rules
☐ GML Profile
☐ Metadata Profile
☐ Other
Select one or more element of the AIXM that are affected by the issue.
*Resolution: Incomplete
Create Cancel

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 ?