

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

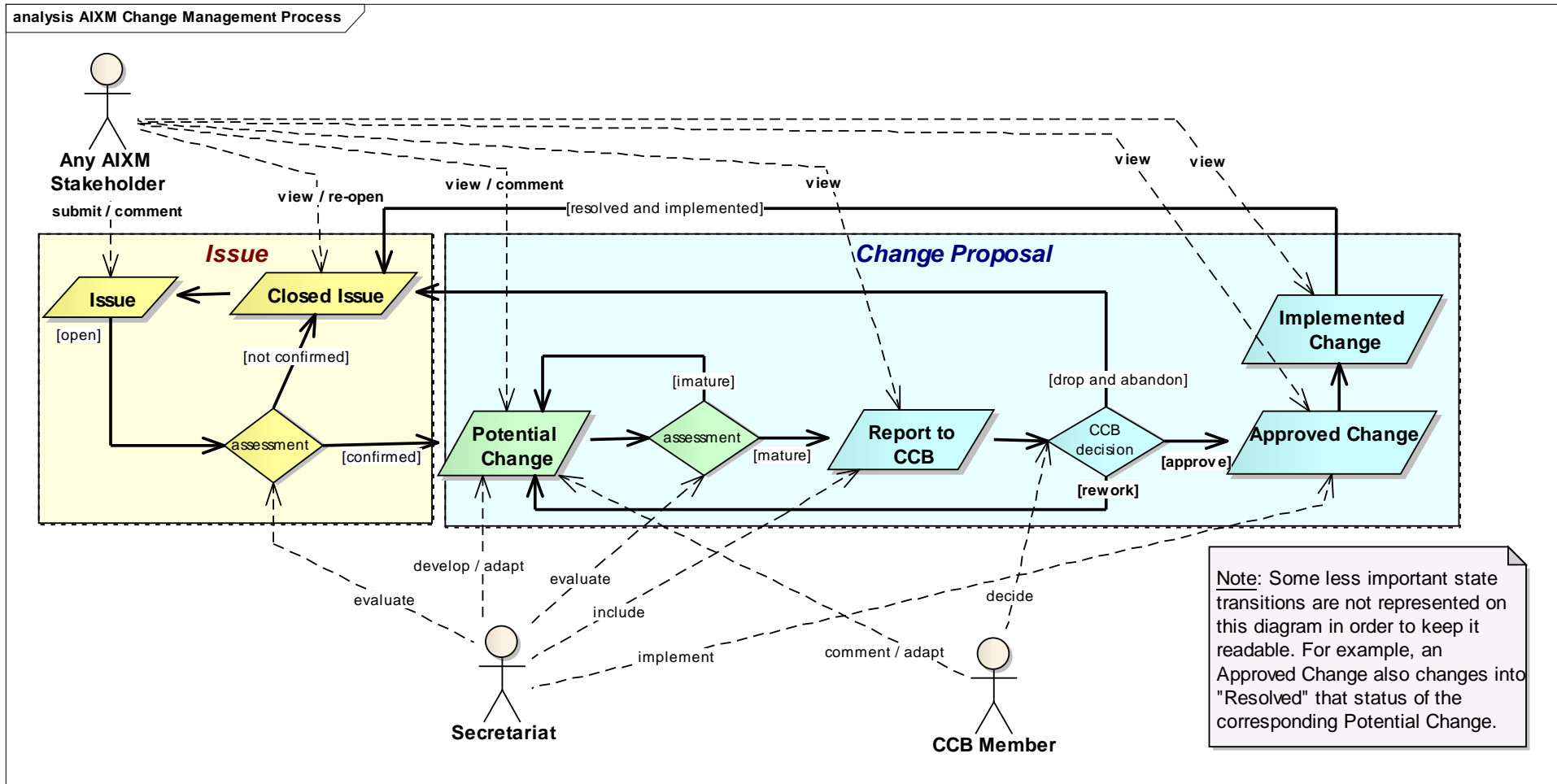
- It is proposed to form an **AIXM Change Control Board** which
 - Will supervise the **maintenance** of the AIXM model and the associated documentation
 - Shall guarantee a **fair and transparent AIXM Change Management process**
 - Will manage the **release of new AIXM versions**
 - Will be composed 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





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.

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

Attachment:

* Reporter: User

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

Buttons: Cancel, Create

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 ?

