

AIXM CCB Report

November 2018



Contents

- CCB charter and membership
- Release planning
- AIXM 5.2 - progress to date

AIXM Governance



aixm governance



www.aixm.aero

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Environ 478 000 résultats (0,36 secondes)

Conseil : Recherchez votre recherche sur la page

Governance | AIXM
www.aixm.aero/page/AIXM-Change-Control-Board
AIXM Change Control Board maintain and to evolve

Future AIXM version
www.aixm.aero/page/Future-AIXM-version
23 janv. 2017 - Future AIXM version contains information

The banner features the AIXM logo in large blue letters, with the full name 'Aeronautical Information Exchange Model' below it. The background is a blue sky with a white contrail from an aircraft. Binary code (0s and 1s) is scattered across the sky. On the right, there are logos for EUROCONTROL and the International Civil Aviation Organization (ICAO). A search bar is located in the bottom right corner of the banner.

AIXM Change Control Board

Objective

The objective of the AIXM Change Control Board (CCB) is to maintain and to evolve the AIXM Specification as necessary for enabling States to comply with the ICAO global and regional requirements for the provision of aeronautical information, in the context of the evolution towards digital AIM and System Wide Information Management (SWIM).

Membership

The members of the AIXM CCB represent a wide range of stakeholder organisations from many parts of the World. They act under the provisions of the Change Management Charter ("Charter"), which also defines the change management processes.

 [AIXM CCB Charter](#)

The AIXM CCB is open for participation to any AIXM stakeholder organisation. Currently, the AIXM CCB comprises representatives from around 45 organisations, with the following profiles:



AIXM COMMUNITY

Forum | **AIXM**

- AIXM Forum - read only (*anonymous access*)
- AIXM Forum - post messages (*requires registration*)

Aixm
AIXM 5.1
Specification for the provision of aeronautical information

- [Visit our Wiki](#)

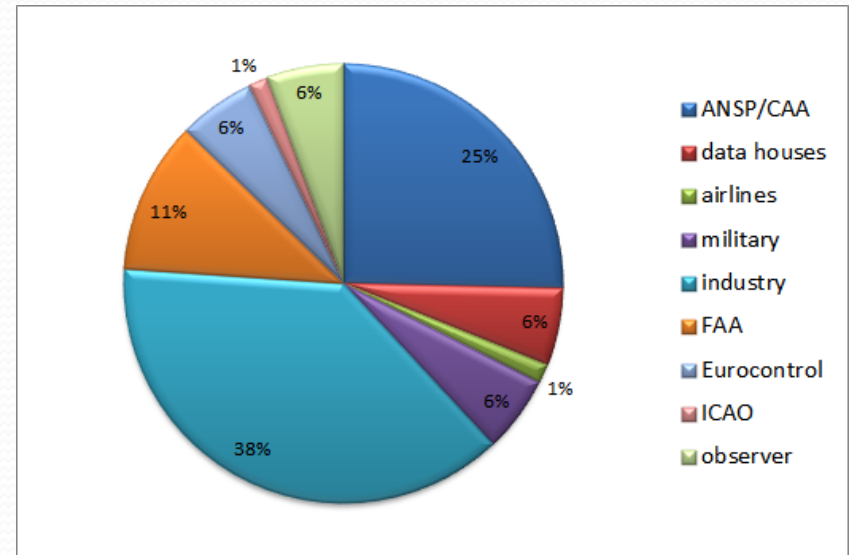
GitHub

- [Find AIXM related resources on GitHub](#)

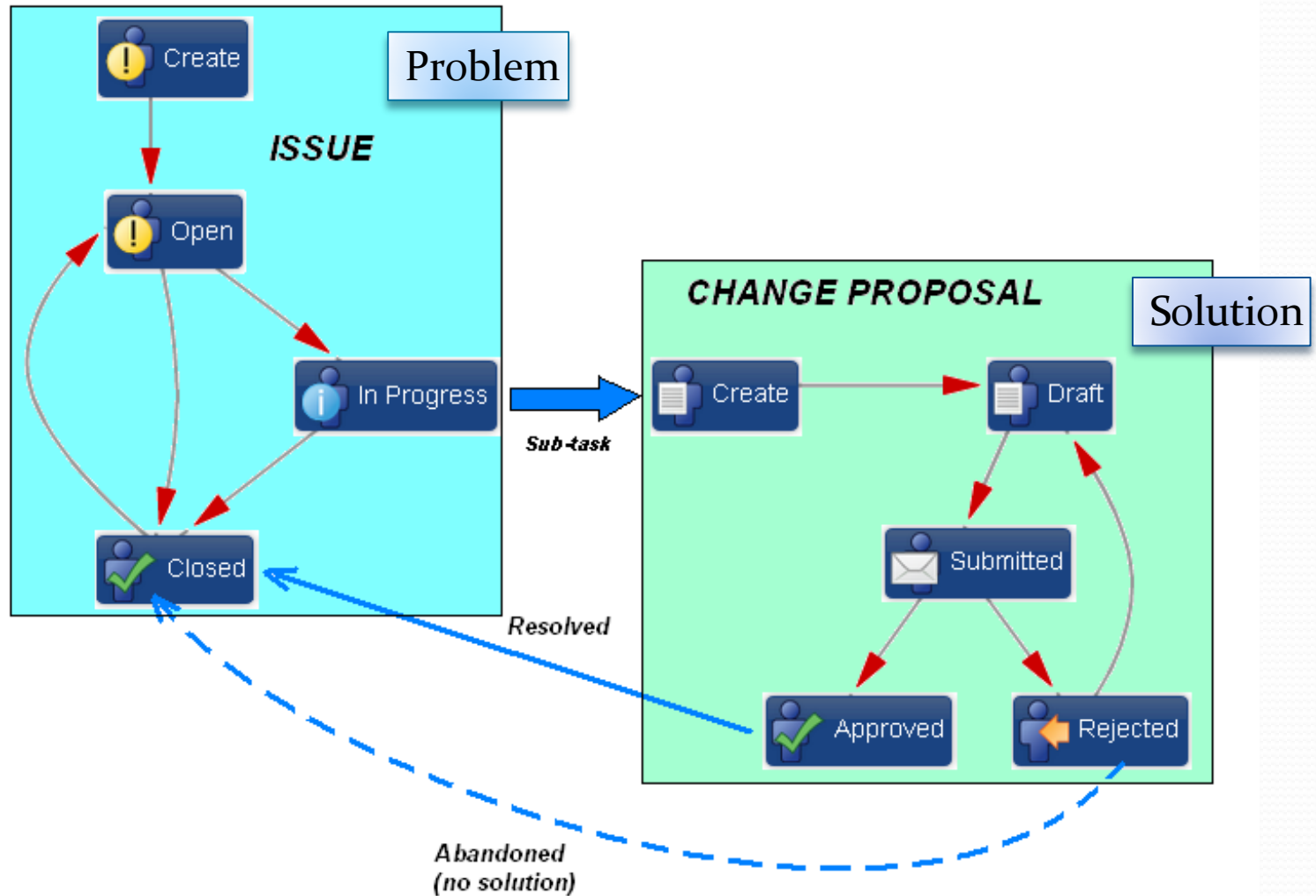
QUICK LINKS

AIXM CCB

- AIXM Change Control Board
 - Established based on the ICAO AIS- AIMSG recommendations
 - Regular reports to ICAO IMP
 - Membership implies acceptance of the Charter
 - <http://www.aixm.aero/page/governance>
 - Current distribution of members
 - 71 members from 51 organisations
 - including observers (FIXM)
 - FAA & Eurocontrol ensuring the secretariat and support



CCB Process



CCB tool – JIRA (cloud hosting)

WARNING: Because of a limitation of JIRA, it is not possible to disable or restrict the actions "Clone Issue/SubTask" and "Convert Issue to Sub-task". These features are NOT compatible with the AIXM Change Management Process, so **please do NOT use them**, under any circumstances! Thank you for your understanding and cooperation — The AIXM Secretariat. </p>

[AIXM 5.2 Dashboard](#)

[AIXM 5.1.1 Dashboard](#)

AIXM System Dashboard

AIXM System Dashboard

Activity Stream

AIXM Change Management 📄 📱 📧

September 28

Antonio Locandro (COCESNA) commented on [AIXM-255 - TerminalArrivalArea relationship to IAP](#)

We have some examples, one would be having a RNAV (GNSS) procedure and a different ILS based on RNAV initial segments, the IAF most likely would be the same for both so TAA would be the same.

6 days ago [Comment](#)

Antonio Locandro (COCESNA) commented on [AIXM-273 - SegmentLeg Support for Two Course Values \(True and Magnetic\)](#)

Additionally it would need to be recorded the date the magnetic track was calculated at.

6 days ago [Comment](#) [Watch](#)

Antonio Locandro (COCESNA) commented on [AIXM-275 - designatedPoint magnetic variation](#)

Agreed, we are experimenting the same issue for route segments, the date of the magnetic variation is not recorded and this doesn't necessarily correspond to the feature validity as it we change a different attribute it will trigger a new effective [Read more >](#)

Two Dimensional Filter Statistics: AIXM Issues - Unreleased ⋮

Components	ISSUE OPEN / UNDER EV...	ISSUE IN PROGRESS / C...	ISSUE CLOSED	ISSUE REJECTED / CLO...	T:
📄 Aerial Refuelling	1	1	0	0	2
📄 Aircraft and Flight	0	2	0	0	2
📄 AirportHeliport	16	7	0	0	23
📄 Airspace	1	5	0	1	7
📄 Airspace Layer	1	0	0	0	1
📄 Geometry	1	2	0	0	3
📄 Holding	0	3	0	0	3
📄 Light Element	0	1	0	0	1
📄 Nav aids	2	2	0	0	4
📄 Obstacle	2	2	0	1	5
📄 Organisation	0	1	0	0	1
📄 Points	1	3	1	3	8
📄 Procedure	16	19	1	2	38
📄 Routes	4	10	1	1	16
📄 Schedules	1	3	0	1	5

[2019] AIXM 5.2

- Objectives:
 - to enable the **provision of ICAO data sets** (except for terrain data), as specified in the new Annex 15 and PANS-AIM. This includes the development of guidance material for the provision of the data sets and of the associated metadata in a globally interoperable manner;
 - to enable an initial global **implementation of Digital NOTAM**, including support for the new Runway Condition Report that becomes applicable in NOV 2020;
 - to enable the provision of data that supports the deployment of “**performance based**” ICAO concepts, such as **PBN**, etc.
 - to enable data provision for emerging concepts such as **free routes**, **large-scale use of RPAS**, etc.
 - to ensure the **interoperability** of aeronautical data (AIXM) with flight data (FIXM) domain and with the MET data (iWXXM) domain;
 - to introduce a **deprecation mechanism** for features/properties that are no longer used or are replaced by a new concept. A common approach with AIXM and FIXM is envisaged.
 - to **correct issues and limitations** detected in the previous versions.

AIXM 5.2 – CP LOT 1 (approved)

AIXM-319	AIXM-293	Aerodrome surface composition additional value	[CP] Accepted
AIXM-338	AIXM-294	Aerodrome surface condition values clarification	[CP] Accepted
AIXM-321	AIXM-290	Aerodrome surface preparation additional values	[CP] Accepted
AIXM-340	AIXM-295	Aerodrome type additional values	[CP] Accepted
AIXM-343	AIXM-278	AIXM version naming policy	[CP] Accepted
AIXM-142	AIXM-103	Correct association cardinalities	[CP] Accepted
AIXM-337	AIXM-205	Design standard extended to additional features	[CP] Accepted *
AIXM-245	AIXM-233	Namespace policy for new AIXM versions	[CP] Accepted
AIXM-341	AIXM-303	Navigation equipment capability additional values	[CP] Accepted
AIXM-322	AIXM-289	Obstacle visual marking new property	[CP] Accepted *
AIXM-344	AIXM-222	Rules for deprecation	[CP] Accepted
AIXM-339	AIXM-292	Runway marking type additional value	[CP] Accepted
AIXM-318	AIXM-291	Runway side additional value	[CP] Accepted *

* Backwards mapping might be updated if generic solution is agreed in AIXM-328

AIXM 5.2 – CP LOT 2 (work in progress...)

[AIXM - 328](#) Missing a mapping strategy

AIXM-207 (procedure related, probably no impact from other CP)

AIXM-324 (one open question about VOR checkpoints)

AIXM-243/AIXM-161 (reference code for runway)

AIXM-314 (multiplicity of association AirportHeliport to Organisation)

AIXM-330 (MEDEVAC code for flight status)

AIXM-239/AIXM-281 (obstacle name, geo location and designator)

AIXM-178 (unbounded choice elements corrected in the UML Model)

AIXM-236 (allow lower case in names)

AIXM-270 (cardinal directions for route segment)

AIXM-334 (visual slope indicator additional attributes)

[AIXM-320](#) [AIXM-136](#) Route segment association with more than one Route

[AIXM-342](#) [AIXM-194](#) Add ICAO Country code to DesignatedPoint and Navaid

[2022 or later] AIXM 5.3

- Objectives:
 - alignment with the ICAO SWIM requirements as developed by the ICAO Information Management Panel;
 - enable the provision of new aeronautical data elements specified by ICAO, in particular in support of FF-ICE;
 - enable the provision of aeronautical data in support to future ATM concepts, such as time based operations (TBO);
 - ensure the interoperability of aeronautical data (AIXM) with the evolving needs of the flight data (FIXM) and MET data (iWXXM);
 - correct issues and limitations detected in the previous versions;
 - provide Guidance material for the implementation of AIS data services compliant with the SWIM concepts.

Conclusions

- AIXM CCB fully established
 - Open and inclusive
 - Transparency
 - JIRA – all discussions and decisions are done in writing
 - Change Proposals will also be posted on www.aixm.aero
- Work programme
 - 2016 – AIXM 5.1.1 (validate CCB process ; migrate to Sparx EA)
 - 2019 – AIXM 5.2 (ICAO data sets)
 - 2022 (at the earliest) – AIXM 5.3 (SWIM alignment)