

FIXM CORE v4.2.0 RELEASE NOTES

Introduction

The FIXM Core v4.2.0 archive contains the following artifacts:

- XML Schemas
- HTML Schema Documentation
- Logical Model Diagrams
- HTML Logical Model Documentation
- Enterprise Architect Logical Model File

Software Details

The following software was utilized to generate and validate the contents of this release:

- Sparx Systems Enterprise Architect version 13.5, build 1352
- Altova XMLSpy 2019
- JAXB version XJC 2.2.8-b130911.1802

Scope

Approved Change Requests (CRs)

The FIXM Core v4.2.0 release reflects the CCB-approved changes based on the following approved change requests (CR):

- #40 - Update Ordered Labels in LM*
- #42 - Revision to Route Designator Structure*
- #43 - Simplify Aerodrome Reference*
- #44 - Simplify Aircraft Type Reference*
- #45 - UML Model HTML Export*
- #47 - Align Base Package with Best Practices*
- #48 - Fix spelling of airWayBill*
- #49 - Improve SID/STAR Short Name Modeling*
- #50 - Remove {Optional} Label from packingGroup Connector*
- #53 - Allow Multiple Aircraft Registration*
- #54 - Change AerodromeName Length Constraint*
- #55 - Change class for Desired Trajectory*
- #56 - Change LifeJacketType enumeration*

#57 - Change Specialization for Dinghies Class
#58 - Folding ICAO Extension (Verified) into Core
#59 - Rename TakeoffWeight to TakeoffMass
#60 - Add Description Field to TrajectoryPointPropert
#61 - Add Airfile Support to FIXM
#63 - Simplify Modeling of Colors and Markings
#64 - Change to Trajectory Point Enumeration
#65 - Update Terminology from AU to Operator
#70 - Constrain Counts
#72 - Improve modeling of airWayBill
#73 - Improve modeling of Enumerations
#74 - Improve modeling of Ordered Associations
#75 - Limit Root Elements in Physical Model.
#76 - Modify Supplementary Information Source
#78 - Remove Redundant Classes from Core
#80 - Restructure Significant Point
#81 - Restructure Extension Mechanism
#82 - Restructure ATC Unit Reference
#83 - Restructure Abstract Route Change
#84 - Replace Count with CharacterString for Non-count Fields
#85 - Remove Incorrect Documentation for numberOfPackages
#86 - Remove Extraneous CompositeStructure Diagram from Time Class
#87 - Remove Anonymous Types from FIXM
#88 - Modify Aerodrome Reference
#89 - Increase Use of Required Fields in FIXM
#92 - Modify Core to Support EA-schema Generation
#93 - Provide consistent xlink:href referencing capability
#94 - Significant points corresponding to aerodrome reference points
#95 - Semantic Improvements
#96 - alongRouteDistance – Update Definition
#97 - Vocabulary harmonization and disambiguation opportunities in line with FF-ICE1
#98 - FF-ICE/1 EnRoute Delay reason
#102 - Use Consistent Enumeration Mechanism
#104 - Update Constraints Package
#105 - Suspend Deprecation Policy
#106 - Remodel RouteChange as a Sequence
#108 - Consolidate UUID class
#109 - Change “Temporal” to “Time”
#111 - Accommodate Deleted Data
#113 - Create FIXM Applications Package

- # 115 - "Add Missing Extension Hook"
- # 116 - "Create Route Trajectory Group Container"
- # 117 - "Remove Cyclic Includes"
- # 118 - "Remove Port1 from SigPoint"
- # 121 - "Region – AirspaceDesignator"
- # 122 - "Update TelecomNetworkType"
- # 124 - "Add Missing Extension Hooks"
- # 125 - "Update Extension Hook Names"

Where to Find the Change Request Documents

The official repository for each of the CRs included in this release is the FIXM Work Area at

<https://ost.eurocontrol.int/sites/FIXM/Change%20Requests/Forms/AllItems.aspx>

If you are new to the Work Area, directions for accessing the Work Area are available on FIXM.aero at

<https://www.fixm.aero/documents/Accessing%20the%20new%20FIXM%20work%20area.pdf>

Additional Notes

Deprecation Policy

The deprecation policy is suspended until a clear operational requirement for its use is identified.

Additional Information

- The authoritative reference for FIXM is www.FIXM.aero
- Details on Airservices Australia: <http://www.airservicesaustralia.com/>
- Details on DSNA: <https://www.ecologique-solidaire.gouv.fr/direction-generale-laviation-civile-dgac>
- Details on EUROCONTROL: <http://www.eurocontrol.int/>
- Details on GCAA UAE: <https://www.gcaa.gov.ae/>
- Details on IATA: <http://www.iata.org/Pages/default.aspx>
- Details on International Coordinating Council of Aerospace Industries Associations: www.iccaia.org
- Details on JCAB: <http://www.mlit.go.jp/en/koku/index.html>
- Details on NATS Limited: <https://www.nats.aero/>
- Details on NAV CANADA: <http://www.navcanada.ca/>
- Details on the SESAR JU and its members: <https://www.sesarju.eu/discover-sesar/partneringsmarter-aviation>
- Details on the US FAA: <http://www.faa.gov/>

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