

Change Supplementary Data Source

CR Number (ID): System Generated		Submission Date: 5/4/2022	
GENERAL INFORMATION (AUTHOR TO COMPLETE)			
Author	FAA FIXM Development Team		
Brief Description (Subject)	The change request proposes a change of SUPPLEMENTARY DATA SOURCE to SUPPLEMENTARY INFORMATION SOURCE.		
Priority*	<input type="checkbox"/> Immediate	<input type="checkbox"/> High	<input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low
Scale*	<input type="checkbox"/> Major	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Minor
Expected Impact to Implementers*	<input type="checkbox"/> High	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Low <input type="checkbox"/> None
Target FIXM Component(s)	<input checked="" type="checkbox"/> FIXM Logical Model <input type="checkbox"/> FIXM Application <input checked="" type="checkbox"/> FIXM XML Schemas <input type="checkbox"/> Other Specify...		
Target FIXM Release	<input checked="" type="checkbox"/> FIXM Core Version 4.3.0 <input type="checkbox"/> Application Version		
Related FIXM CRs			
Motivation / Change Reason	<input type="checkbox"/> Requirement <input type="checkbox"/> Functionality/Operability <input type="checkbox"/> Maintenance <input type="checkbox"/> Defect <input checked="" type="checkbox"/> Other Verbiage consistency		

* Optional fields; FIXM Secretariat may update during review

MOTIVATION / CHANGE REASON DESCRIPTION (AUTHOR TO COMPLETE)

Majority of the current "ATMRPP-WG41-WP_966_Appendix C_FF-ICE Implementation Guidance v0.98" uses "SUPPLEMENTARY INFORMATION SOURCE" throughout the entire document apart from one area under the "APPENDIX C – FF-ICE Messages" in the "C-6 Trial Request" within the flight characteristics. To maintain consistency between the model and documentation it may be a good idea to make a change from "data" to "information".

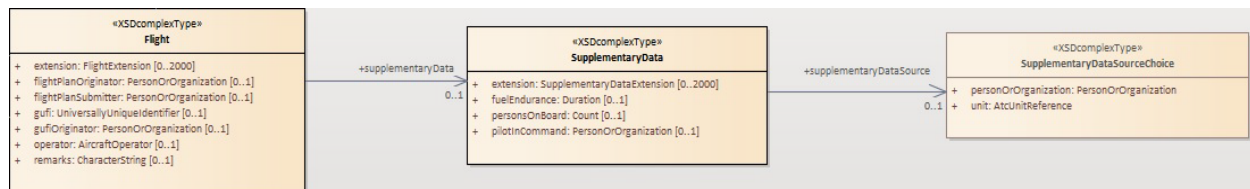
PROPOSED CHANGE (AUTHOR TO COMPLETE)

We propose the change of the word “**data**” in the areas forementioned with the word “**Information**” for consistencies sake with FF-ICE.

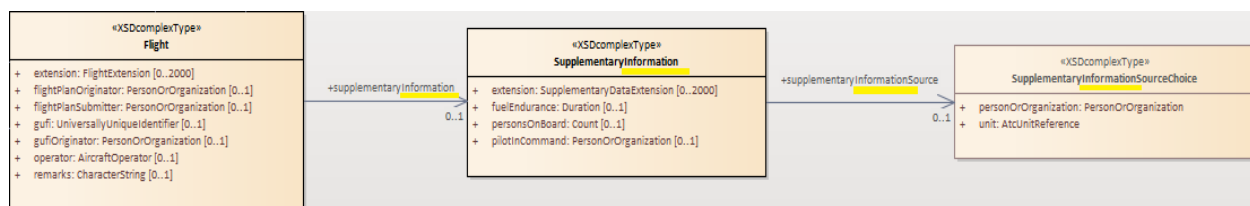
The current “ATMRPP-WG41-WP_966_Appendix C_FF-ICE Implementation Guidance v0.98” uses “SUPPLEMENTARY INFORMATION SOURCE” throughout the entire document apart from one location under the “APPENDIX C – FF-ICE Messages” in the “C-6 Trial Request” within the flight characteristics as shown in the table below:

Flight Characteristics	Flight Rules	Mandatory	B-2.7	
	Type of Flight	Optional	B-2.19	
	Special Handling	Optional	B-2.20	
	Remarks	Optional	B-2.30	
	Flight Plan Originator	Optional	B-2.13 B-2.12	
	Operator	Optional	B-2.31	
	Equipment and Capabilities	Optional	B-2.10	
	Supplementary Data Source	Optional	B-2.32	
	Required Runway Visual Range	Optional	B-2.40	

The core logical model within the FIXM v4.2.0 uses “Supplementary Data” in two classes as part of the “FlightData” xsd schema shown in the diagram below is the current state:



After the proposed change is applied the diagram shown below reflects the changes and highlights them:

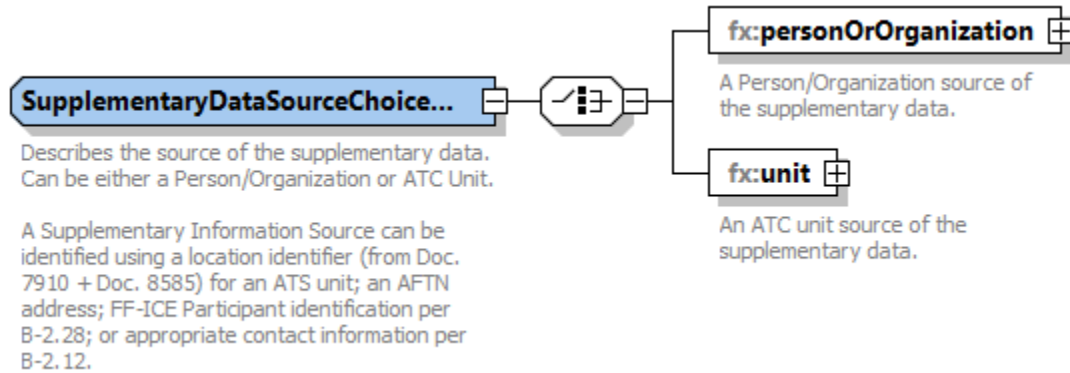


The core logical model defines the “Supplementary**Data**” class as “A container for supplementary **data** about the flight. This container does not capture the complete set of elements described in ICAO Doc 4444 ITEM 19 “Supplementary **Information**”; it only contains those elements that could not be modeled more logically in other FIXM structures. [FIXM]”

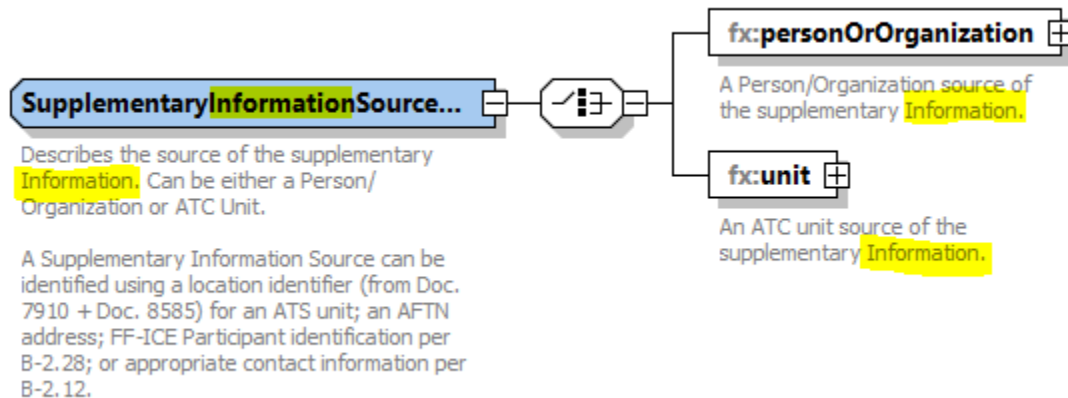
The core logical model defines the “Supplementary**Data**SourceChoice” class as “Describes the source of the supplementary **data**. Can be either a Person/Organization or ATC Unit. A Supplementary **Information**

Source can be identified using a location identifier (from Doc. 7910 + Doc. 8585) for an ATS unit; an AFTN address; FF-ICE Participant identification per B-2.28; or appropriate contact information per B-2.12.”

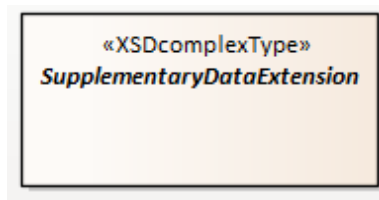
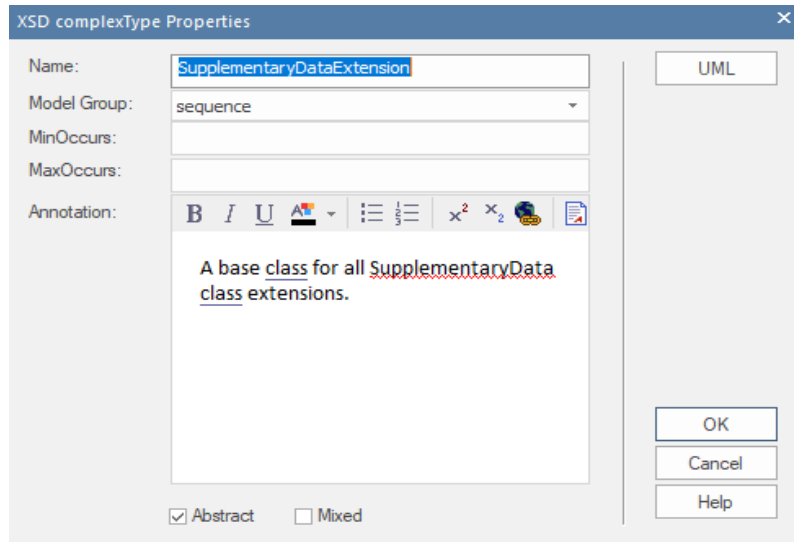
Due to the hierarchy of the XSD of the “SupplementaryDataSourceChoice” class the “personOrOrganization” and the “unit” Annotation sections needs to change from the current state shown in the diagram below:



To the proposed changes highlighted in yellow shown in the diagram below:



Additionally, within the extension of the core logical model under the Extension.xsd, the name of the class “SupplementaryDataExtension” to “SupplementaryInformationExtension,” and changing the word “data” to “information” in the documentation of the class. shown in the diagram below is the current state:
















XSD complexType Properties

Name: SupplementaryDataExtension

Model Group: sequence

MinOccurs:

MaxOccurs:

Annotation: **B I U**               

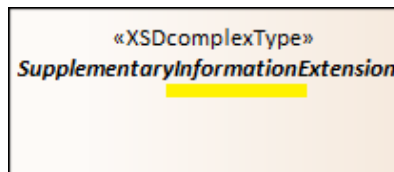
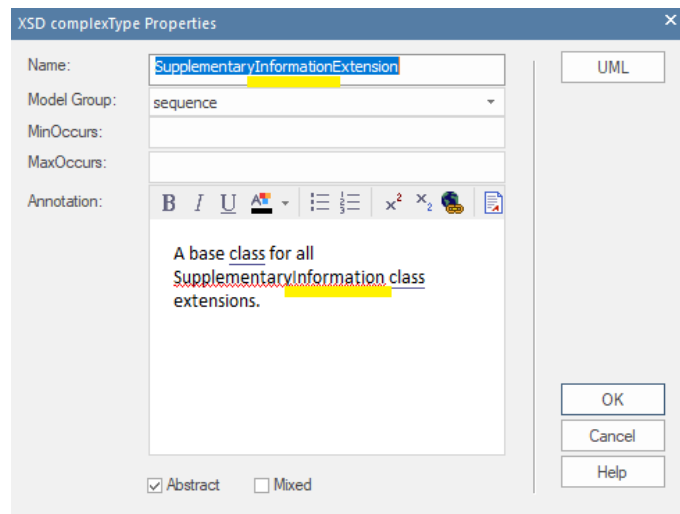
A base class for all SupplementaryData class extensions.

☒ Abstract ☐ Mixed

UML

OK Cancel Help

After the proposed change is applied the diagram shown below reflects the changes and highlights them:
















XSD complexType Properties

Name: SupplementaryInformationExtension

Model Group: sequence

MinOccurs:

MaxOccurs:

Annotation: **B I U**               

A base class for all SupplementaryInformation class extensions.

☒ Abstract ☐ Mixed

UML

OK Cancel Help

CCB SECRETARIAT	
External Standard Consistency Checked	<input type="checkbox"/> AIDX <input type="checkbox"/> AIRM
CR Status	<input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Implemented <input type="checkbox"/> Withdrawn <input type="checkbox"/> Rejected
Decision Date	Click or tap to enter a date
Implemented In	X.X.X
Comments	Click or tap here to add any additional information or comments.

IMPLEMENTATION NOTES (CCB SECRETARIAT TO COMPLETE)
CCB Secretariat notes on any deviations that were required during implementation.