

Modify LatLongPos to Ensure Two Numbers Are Always Present

CR Number (ID): 141		Submission Date: 3/16/2022	
GENERAL INFORMATION (AUTHOR TO COMPLETE)			
Author	FAA FIXM Development Team		
Brief Description (Subject)	Modify LatLongPos to ensure values for both latitude and longitude are always present (currently not enforced).		
Priority*	<input type="checkbox"/> Immediate	<input type="checkbox"/> High	<input checked="" type="checkbox"/> Medium <input 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 checked="" type="checkbox"/> Defect <input type="checkbox"/> Other Specify ...		

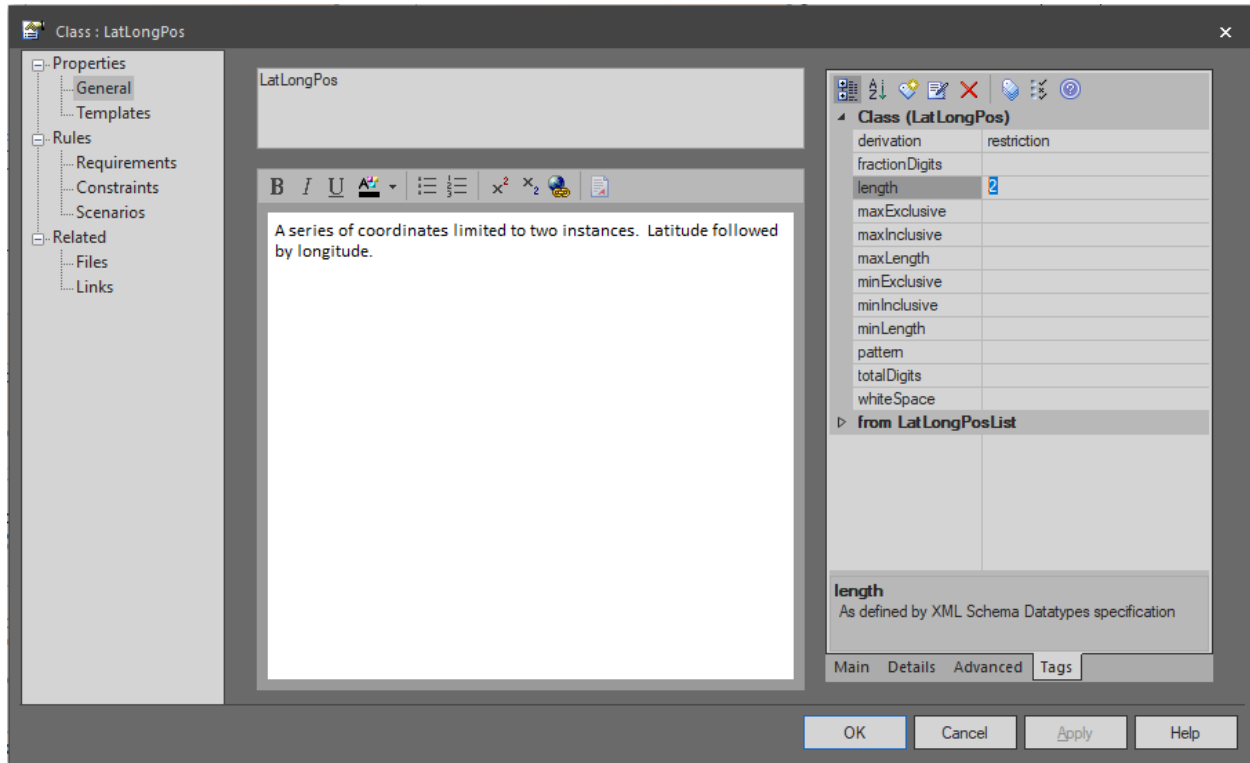
* Optional fields; FIXM Secretariat may update during review

MOTIVATION / CHANGE REASON DESCRIPTION (AUTHOR TO COMPLETE)

The “pos” attribute of the GeographicalPosition class in the AeronauticalReference package is intended to hold two floating point numbers that represent latitude followed by longitude. However, the model does not currently enforce that two numbers be present (only that more than two cannot be present). Modify the model to ensure both latitude and longitude are required.

PROPOSED CHANGE (AUTHOR TO COMPLETE)

Modify the class tags associated with the LatLongPos class in the AeronauticalReference package. Currently, the maxLength tag is set to 2. Clear this tag and instead set the length tag to 2.



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.