

Fix pattern of TextPhoneType

CR Number (ID): System Generated		Submission Date: 3/17/2021	
GENERAL INFORMATION (AUTHOR TO COMPLETE)			
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Brief Description (Subject)	This Change Request is about fixing a bug in the pattern of TextPhoneType, which forces phone numbers to start with a leading space character.		
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 checked="" type="checkbox"/> Defect <input type="checkbox"/> Other Specify....		


* Optional fields; FIXM Secretariat may update during review

MOTIVATION / CHANGE REASON DESCRIPTION (AUTHOR TO COMPLETE)

FIXM Core 4.2.0 defines the type **TextPhoneType** as follows:

(see https://www.fixm.aero/releases/FIXM-4.2.0/doc/schema_documentation/Fixm_TextPhoneType.html)

```
source <xs:simpleType name="TextPhoneType">
  <xs:annotation>
    <xs:documentation>A phone or facsimile number. [AIXM 5.1]</xs:documentation>
  </xs:annotation>
  <xs:restriction base="fb:CharacterStringType">
    <xs:minLength value="1"/>
    <xs:maxLength value="500"/>
    <xs:pattern value=" (\+)?[0-9\s\-\(\)]+"/>
  </xs:restriction>
</xs:simpleType>
```



As shown above, the pattern value starts with a space character. As a result, all phone numbers encoded in FIXM 4.2.0 must start with a leading space character. This is considered a bug.

PROPOSED CHANGE (AUTHOR TO COMPLETE)

It is proposed to **update the pattern value of type TextPhoneType** in order to remove the leading space character. The new pattern value would read:

```
<xs:pattern value="(\+)?[0-9\s\-\(\)]+"/>
```

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	Enter version in which this CR is first implemented.
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.