

SELCAL codes expansion

CR Number (ID): System Generated		Submission Date: 9/6/2021	
GENERAL INFORMATION (AUTHOR TO COMPLETE)			
Author	BURKE Stephen		
Brief Description (Subject)	Support amendment 91 of ICAO Annex 10 Vol III which expand SELCAL CODES		
Priority*	<input type="checkbox"/> Immediate	<input checked="" type="checkbox"/> High	<input 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 checked="" type="checkbox"/> Requirement <input type="checkbox"/> Functionality/Operability <input type="checkbox"/> Maintenance <input 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 provides support for the exchange of SELCAL codes in line with the FF-ICE/R1 Implementation Guidance Manual. Amendment 91 to ICAO Annex 10 Volume III, approved by the ICAO Council on 6 November 2020, updates the SELCAL standard. Letters from T to Z and the numbers 1 to 9 are added.

		Effective date	Date of applicability
Amendment 91 (adopted by the Council on 6 November 2020) Replacement pages (iii), II-3-1, II-3-2 and II-3-3		22 March 2021	3 November 2022
Table 3-1. SELCAL tones designated by colour and letter or number (applicable as of 3 November 2022)			
Designation	Frequency (Hz)	Designation	Frequency (Hz)
Red A	312.6	Red A	312.6
Red B	346.7	Red B	346.7
Red C	384.6	Red C	384.6
Red D	426.6	Red D	426.6
Red E	473.2	Red E	473.2
Red F	524.8	Red F	524.8
Red G	582.1	Red G	582.1
Red H	645.7	Red H	645.7
Red J	716.1	Red J	716.1
Red K	794.3	Red K	794.3
Red L	881.0	Red L	881.0
Red M	977.2	Red M	977.2
Red P	1 083.9	Red P	1 083.9
Red Q	1 202.3	Red Q	1 202.3
Red R	1 333.5	Red R	1 333.5
Red S	1 479.1	Red S	1 479.1
		Red T	329.2
		Red U	365.2
		Red V	405.0
		Red W	449.3
		Red X	498.3
		Red Y	552.7
		Red Z	613.1
		Red 1	680.0
		Red 2	754.2
		Red 3	836.6
		Red 4	927.9
		Red 5	1 029.2
		Red 6	1 141.6
		Red 7	1 266.2
		Red 8	1 404.4
		Red 9	1 557.8

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The effective date of the amendment is 22-March-2021, and the applicability date is set to 3rd November 2022. The text of the amendment is provided below.



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d_91.pdf

An evolution of FIXM Core is needed in order to support this amendment and the consequential system adaptation, preferably before the envisaged applicability date.

PROPOSED CHANGE (AUTHOR TO COMPLETE)

It is proposed to update the pattern of FIXM Core type **SelectiveCallingCodeType** as follows:

Current pattern in FIXM Core 4.2.0	PROPOSED pattern to support the new SELCAL codes
<pre><xs:simpleType name="SelectiveCallingCodeType"> <xs:restriction base="fb:CharacterStringType"> <xs:pattern value="[A-HJ-MP-S]{4}"/> </xs:restriction> </xs:simpleType></pre>	<pre><xs:simpleType name="SelectiveCallingCodeType"> <xs:restriction base="fb:CharacterStringType"> <xs:pattern value="[A-HJ-MP-Z1-9]{4}"/> </xs:restriction> </xs:simpleType></pre>

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.