

S-100 Maintenance - Change Proposal Form

Organisation UKHO Date 21/01/14
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Change Proposal Type *Select only one option*

1. Clarification 2. Correction 3. Extension
Yes

Location *Identify all change proposal locations*

S-100 Version No.	Part No.	Section No.	Proposal Summary
1.0.0	5	Appendix 5A UML diagram	Change the multiplicity of the attribute remarks from 0..* to 0..1 in the classes S-100_FC_NamedType, S-100_FC_PropertyType, S-100_FC_ListedValue and S-100_FC_Feature Association
1.0.0	5	Table A.4	Change the multiplicity of the attribute remarks from 0..* to 0..1 in the class S-100_FC_NamedType
1.0.0	5	Table A.7	Change the multiplicity of the attribute remarks from 0..* to 0..1 in the class S-100_FC_PropertyType
1.0.0	2A	Table A.12	Change the multiplicity of the attribute remarks from 0..* to 0..1 in the class S-100_FC_Feature Association
1.0.0	2A	Table A.13	Change the multiplicity of the attribute remarks from 0..* to 0..1 in the class S-100_FC_ListedValue

Change Proposal

Change all occurrences of the multiplicity of the attribute Remarks from 0.. to 0..1*

Change Proposal Justification

The multiplicity for Remarks in the Feature Concept Dictionary Register is 0..1, why would you want more than zero or one occurrence.

Please send completed forms and supporting documentation to the secretary TSMAD.

Example of a complex attribute

A light may have several sectors. All of them share the same light characteristic and sequence. Other common attributes are the height and the name.

All attributes describing one sector in a complex attribute are structured "Light sector".

A complex attribute for the "Rhythm of light" is also defined.

The simple attributes used in "lightSector" are:

- sectorLimit1 (type Real)
- sectorLimit2 (type Real)
- colour (type Enumeration)
- valueOfNominalRange (type Real)

Therefore the complex attribute is:

Characteristic	Value	
Name	Light sector	
Definition		
Remarks	n/a	
CamelCase	lightSector	
AlphaCode	LITSEC	
Data Type	Complex	
Sub Attributes	Attribute Binding	
	multiplicity	sequential
sectorLimit1	1	n/a
sectorLimit2	1	n/a
colour	1	n/a
valueOfNominalRange	0..1	n/a