

S-100 Maintenance - Change Proposal Form

Organisation	UKHO	Date	21/01/14
Contact	B Greenslade	Email	Barrie.greenslade@ukho.gov.uk

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	2A	Appendix 2-A	Change to Example

Change Proposal

The current tabular example should be changed to the new example below or something similar.

Change Proposal Justification

The current example for complex attributes is confusing in that it gives the impression that the multiplicity and sequence are part of the complex attribute itself. These values are actually carried in the attribute binding between the complex and sub-attribute.

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