

Title: Miscellaneous Part 13 corrections**S-100 Maintenance - Change Proposal Form**

Organisation	NIWC	Date	8/16/2019
Contact	David Grant	Email	David.Grant1@navy.mil

Change Proposal Type *(Select only one option)*

1. Clarification	2. Correction	3. Extension
	X	

Location *(Identify all change proposal locations)*

S-100 Version No.	Part No.	Section No.	Proposal Summary
Version 4	13	Throughout	Corrects omissions, errors, and ambiguities discovered while developing the Lua reference implementation. Modified formatting for improved legibility.

Change Proposal

See attached redlines, marked as follows:

CP1 Add description of CreateAttributeConstraints function.
 CP2 Use spatial associations instead of direct points for CreateCurve function.
 CP3 Use codes instead of type definitions for super types and sub types.
 CP4 Use role code instead of role type definition.
 CP5 Add missing type definition creation functions.
 CP6 Update HostDebuggerEntry documentation.
 CP7 Add support for S100_GM_SplineCurve / S100_GM_PolynomialSpline

Change Proposal Justification

Changes align part 13 with Lua reference implementation.

What parts of the S-100 Infrastructure will this proposal affect?

- ☐ S-100 Feature Concept Dictionary Interface or Database
- ☐ S-100 Portrayal Register
- ☐ S-100 Feature Catalogue Builder
- ☐ S-100 Portrayal Catalogue Builder
- ☐ S-100 UML Models

Please send completed forms and supporting documentation to the secretary S-100WG.