

Title: Standardize ISO-8211 encoding of unknown attribute values

S-100 Maintenance - Change Proposal Form

Organisation	NIWC	Date	2/2/2021
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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
5.0 draft	10a	4	Add guidance for encoding unknown attribute values (taken from S-101 PS)

Change Proposal

(Insert after 10a-4.2 Updating of the Attribute field)

10a-4.3 Unknown Attribute Values

An attribute value is unknown whenever the attribute code is present but the attribute value is missing.

Updating of the attribute field with a missing attribute value:

- Insert - create attribute with an initial value of unknown.
- Modify - change attribute value to unknown.
- Delete - delete the attribute.

Change Proposal Justification

S-100 should specify a consistent encoding method for unknown attribute values. Otherwise, each product specification must address this issue separately, requiring product specific OEM support for each method.

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
- S-100 GitHub Schemas

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