Title: Standardize ISO-8211 encoding of unknown attribute values

S-100 Maintenance - Change Proposal Form

|  |  |  |  |
| --- | --- | --- | --- |
| **Organisation** | NIWC | **Date** | 2/2/2021 |
| **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 |
| 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.**