S100TSM9-X.XX

**Title: Part 10c Metadata File Name**

S-100 Maintenance - Change Proposal Form

|  |  |  |  |
| --- | --- | --- | --- |
| **Organisation** | Portolan Sciences LLC | **Date** | TBD |
| **Contact** | Raphael Malyankar | **Email** | raphaelm@portolanscie nces.com |

Change Proposal Type *(Select only one option)*

|  |  |  |
| --- | --- | --- |
| 1.Clarification | 2.Correction | 3.Extension |
|  | X |  |

Location (*Identify all change proposal locations)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | S-100 Version No. | Part No. | Section No. | Proposal Summary |
| 1 | 5.2.0 | 10c | 9.4 | Table 10c-6 Embedded metadata (carrier metadata) in root group (Ed. 5.2.0):  Make HDF5 attribute naming the external metadata file optional. |
|  |  |  |  |  |

# Change Proposal

# Changes in red below

| 23 | Metadata | metadata | 0..1 | String | MD\_Metadata.fileIdentifier  Name of XML metadata file (clause 10c-12).  Ref. S-100 Part 8.  Must be present and populated if an ISO XML metadata file describing this dataset is included in the exchange set; must be omitted otherwise. |
| --- | --- | --- | --- | --- | --- |

# Change Proposal Justification

The *metadata* attribute in the root group was intended for indicating the name of an accompanying ISO metadata file, but Phase 1 implementations for ECDIS do not use ISO metadata files, which makes this attribute superfluous. Making it optional allows product specifications to leave it out and avoid an unnecessary attribute and validation check.

This proposal has been endorsed by the S-102 PT at S-102 PT16 and TWCWG at TWCWG8.

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.