Title: S-100 Proposal Form - Appendix 4a-D change Exchange Catalogue filename to CATALOG. XML

S-100 Maintenance - Change Proposal Form

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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
4.0.0	4a	Appendix 4a-D –Overview third paragraph	Add mandatory naming requirement for CATALOG.XML.
4.0.0	4a	Appendix 4a-D– Elements of the exchange set - S100_ExchangeCatalogue	Add mandatory naming requirement for CATALOG.XML.

Change Proposal

The change proposal suggests changing the name of the exchange catalogue file to CATALOG.XML and make it a mandatory requirement.

In a multiple product exchange set, all relevant S_1xx information within the exchange catalogue should be accessible through only one single CATALOG.XML file. This means that all product specifications must use the naming convention CATALOG.XML.

The benefits would be that we do not need to encode metainformation in the CATALOG.XML filename and reduce the number of catalog files necessary in end user system installation process. Also, within an exchange set, there will only be one CATALOG.XML that needs a digital signature for cyber security reasons.

A statement making the exchange catalogue name CATALOG.XML a mandatory requirement is proposed added to:
Part 4a Metadata Overview third paragraph (page 26) – (added statement highlighted)

"The S100_ExchangeCatalogue is an XML instance, which provides the information needed to exploit all the components of an exchange set. It consists of sections for the catalogues and datasets with subsections for support file metadata and a reference to classic ISO 19115-1 dataset metadata. The Exchange Catalogue must be named CATALOG.XML".

This change must also be reflected in the S100_ExchangeCatalogue table in Elements of the exchange set:

Existing situation:

Attribute	exchangeCatalogueName	Catalogue filename	1	CharacterString	In S-101 it would be CATLOG.101

Suggested change:

Attribute	exchangeCatalogueName	Catalogue filename	1	CharacterString	Must be named CATALOG.XML

(The content of the remarks column is proposed changed).

Change Proposal Justification

This proposal:
Ensures that all relevant S_1xx information within an exchange catalogue is accessible through only one single CATALOG.XML file.

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.