

Paper for Consideration by the S-100WG

Fix clause numbering for S-100 Part 10a

| | |
|-----------------------------|--|
| Submitted by: | SevenCs GmbH – Holger Bothien |
| Executive Summary: | Fix the clause numbering of S-100 Part 10a |
| Related document(s): | S-100 Part 10a |

Introduction / Background

During a review of S-100 we detected that the numbering of the clauses is rather confusing.

Analysis/Discussion

Under **10a-3 Normative References** sub-clauses exists which does not belong to this point. The first sub-clause is in fact a level 1 clause.

Under **10a-5 Data Set Descriptive records** only the first two sub-clauses are describing data set descriptive records. The other sub-clauses describing object records.

The clause **10a-5.4 Spatial type records** does contain the description of the spatial type records. Instead, the records are described in clauses defined in the same level.

Conclusions

The structure should be amended to look as follows (not all levels are documented here)

1. Scope
2. Conformance
3. Normative References
4. Structural implementations
 - 4.1. Introduction
 - 4.2. Notation Used
 - 4.3. Tree Structure Diagrams
 - 4.4. Field Tables
 - 4.5. Data formats
 - 4.6. Data Descriptive Fields
5. Common Fields
 - 5.1. Attribute Field
 - 5.2. Information Association Field
6. Data Set Descriptive Records
 - 6.1. Data Set General Information Record
 - 6.2. Data Set Coordinate Reference System Record
7. Object Records
 - 7.1. Information Type Record
 - 7.2. Spatial Type Record
 - 7.2.1. Coordinate Fields
 - 7.2.2. Point Record
 - 7.2.3. Multi Point Record
 - 7.2.4. Curve Record
 - 7.2.5. Composite Curve Record
 - 7.2.6. Surface Record

7.3. Feature Type Record

Note that some headings are slightly renamed for the sake of clarity.

Recommendations

The numbering of the clauses in S-100 Part 10a should be amended as described to increase the logic and clarity of the structure.

It should be noted that product specifications or other documents must be reviewed to amend the references to S-100 Part 10a when based on the amended version.

Action Required by the S-100WG

The S-100WG is invited to:

- a. Note this paper
- b. Discuss the paper
- c. Endorse the proposed changes