

Appendix 12-A
S-100 Maintenance - Change Proposal Form
(normative)

Organization **German Hydrographic Office (BSH)** Date **21 October 2021**
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Change Proposal Type *Select only one option*

1. Clarification 2. Revision 3. New Edition

X

Location *Identify all change proposal locations*

S-100 Version No.	Part No.	Section No.	Proposal Summary
4.0.0	10c	4 chapters modified 2 chapters added 8 tables modified	Added encoding guide for discrete feature coverage.

Change Proposal

Please see the attached redline version of the support document.

- Modified chapters
 - 10c-4.1, 10c-9.10, 10c-9.10.1, 10c-9.11
- New chapters
 - 10c-9.6.2, 10c-9.11.1
- Modified tables
 - 10c-4, 10c-5, 10c-9, 10c-10, 10c-12, 10c-15, 10c-17, 10c-22

Change Proposal Justification

During the S-100WG-VTC2 meeting (13 July 2021), the proposal to store feature oriented discrete coverage in HDF5 was accepted in general. BSH has now made appropriate changes to the S-100 Part 10c document to describe the implementation of the proposal in HDF5. The proposal allows the encoding of additional feature information within the HDF5 file for raster geometries. The use of an external GML file and the break between raster and vector geometries is no longer required. This leads to a safer use of the data.

Please send completed forms and supporting documentation to the IHO Secretariat (addt@iho.int).