

Paper for Consideration by S-100 WG**Upgrade to S-102 Product Specification to version 2.1.0**

Submitted by:	S-102 Project Team
Executive Summary:	A covering paper to the proposed upgrade to the S-102 Product Specification.
Related Documents:	S-102 Product Specification version 2.1.0.
Related Projects:	Any related projects that may impact upon considerations

Introduction / Background

This paper provides a summary of the changes to the S-102 Product Specification (PS) proposed by the S-102 Project Team. Those proposed changes serve to adjust the PS such that its primary focus is navigational usage while ensuring its use for non-navigational purposes remains viable. All substantive changes to the PS are included in this paper; however, the full details of those changes are left to the PS itself.

Analysis/Discussion

Upgrades to the PS are intended to ensure a primary focus toward navigational usage. It is important to note that these upgrades do not preclude the use of S-102 for non-navigational purposes (e.g., data exchange). Substantive changes from version 2.0.0 to version 2.1.0 fall into one of the following four categories:

Removal of Tracking List

The Tracking List and all associated references have been removed (Clauses 4, 10, 12; Annexes A, E; et al.).

Removal of physical transfer as delivery method

Physical transfer has been removed as delivery method, and 256 MB has been removed as an informative dataset size (Clauses 10, 11; Annex E; et al.).

Removal of references to Tiling Schema

All references to and metadata associated with tiling schema have been removed (Clause 12 et al.).

Amendment to metadata storage

Metadata storage has been modified such that it will exist in a separate, ISO 19115X-compliant file (Clause 12 et al.).

All other changes are of a clarifying nature, are non-substantive and are beyond the scope of this paper.

Conclusions

The proposed changes to the S-102 PS facilitate more robust development by tuning its focus toward navigation purposes while ensuring against the preclusion of its use for non-navigational purposes. This Project Team recommends approval of the aforementioned changes.

Action Required of S-100 WG

The S-100 WG is invited to:

- Note the contents of this paper as a summary of the more detailed PS submitted to this meeting
- Endorse the proposed content of the revision to the S-102 PS (version 2.1.0) summarized in this paper and submitted in full detail to the WG