

Paper for Consideration by HSSC 15

Request to approve S-130 Product Specification for Edition 1.0.0

Submitted by:	S-130 Project Team (PT)
Executive Summary:	The S-130PT has concluded that the S-130 Product Specification is now in a condition where it is beneficial to release it as Edition 1.0.0. This will enable the initial implementation in the next phase of development.
Related Documents:	S-130PT Terms of Reference, S-100 Ed.5.0.0
Related Projects:	

Introduction / Background

The S-130 Project Team is developing the S-130 Product Specification (PS) in accordance with Task A.1 of its 2022-2023 work plan. The development has reached a sufficiently mature stage that a candidate package for going to Edition 1.0.0 of S-130 Product Specification, which is compliant with Edition 5.0.0 of S-100, can be submitted for HSSC approval.

Analysis/Discussion

The development process was initiated by the Schema Sub-Group and further elaborated by the Editing Sub-Group of S-130PT. The outcome of both Sub-Groups was then discussed and approved within the full S-130 Project Team.

Some aspects within the draft Product Specification that will be further examined throughout the initial implementation phase are:

- The adoption of a system of unique numerical identifiers is essential for the Product Specification (cfr. Terms of Reference). For Edition 1.0.0, the Project Team will move forward with basic numerical identifiers. However, the intention is to move to MRN Persistent Unique Identifiers if there is no compelling reason not to.
- The way in which contributing points, construction lines and location references are currently being represented within the Application Schema will be discussed through different examples presented to the Project Team.

The S-130 Project Team has further agreed that the S-130 Product Specification will not have a navigational purpose, nor will a Portrayal Catalogue be produced (apart from testing purposes).

The draft S-130 Product Specification documents for Edition 1.0.0 are attached to this paper as Attachment A – S-130 Package.

Conclusions/Recommendations

The S-130 Project Team has concluded that the S-130 Product Specification is now in a condition where it is beneficial to release the Product Specification as Edition 1.0.0. This would allow the S-130 Project Team to continue development and commence its initial implementation. It is therefore recommended that the S-130 PS package in Attachment A be approved as Edition 1.0.0.

Justification and Impacts

N/A

Action Required of HSSC

The HSSC is invited to:

- a. **take note** of the paper
- b. **approve** Edition 1.0.0 of S-130 Product Specification

