

Paper for Consideration by HSSC1

Request to approve S-131 for edition 1.0.0

Submitted by:	NIPWG
Executive Summary:	NIPWG has concluded that S-131 Product Specification is now in a condition where it is beneficial to release the product specification as version 1.0.0. since this will enable testing in the next phase of development and contribute to answering outstanding questions regarding stakeholder responsibilities with regards to S-131 services.
Related Documents:	S-131
Related Projects:	S-100

Introduction / Background

NIPWG is developing the S-131 product specification for Marine Harbour Infrastructure products in accordance with F. F.8.2.7 of its work plan. The development has reached a sufficiently mature stage that a candidate package for going to Edition 1.0.0 of the product specification is herewith submitted for HSSC approval. The work has been conducted as a project funded by the IHO through a contract with Portolan Sciences. The whole working group has been involved through a dedicated task group holding several meetings and reviews by the whole working group of the documents generated.

Analysis/Discussion

The development process has included several rounds of review by the working group members and expert contributors who have contributed with valuable proposals and comments. The draft specification is being used by the S-131 Project conducted under the IHO-Singapore Lab to guide the creation of a harbour information system for the facilitation of easy exchange of harbour and terminal information between stakeholders. As such it is important to stabilise the product specification now that it has reached a sufficiently mature level. Moreover, this would give other implementors such as developers of product systems a stable specification to test and evaluate for implementation into their systems, allowing hydrographic offices and other competent authorities to conduct their own tests with local data.

Recommendation

NIPWG has concluded that S-131 Product Specification is now in a condition where it is beneficial to release the product specification as version 1.0.0. This would allow NIPWG to continue development and test assumptions made and further enhance the S-131 product specification if grounds for this is encountered through said testing. It is therefore recommended that the S-131 package in Attachment A be approved as Edition 1.0.0.

Action required of HSSC

The HSSC is invited to:

- a) note the paper
- b) approve S-131 for Edition 1.0.0
- c) Invite stakeholders to establish or join S-131 testbeds, and share experiences with NIPWG