

NAUTICAL INFORMATION PROVISION WORKING GROUP

Development of Harbour Infrastructure Product Specification

NIPWG letter 6/2019 is requesting feedback on the continuation of the development of two new product specifications, namely Marine Physical Environment and Harbour Infrastructure.

Marine Physical Environment experienced a lot of NIPWG discussions in the past. Test data sets and other complimentary papers exist on the NIPWG website and have been provided as reference to the said NIPWG letter which could be helpful to stimulate discussions and to draft the product specification description.

Spare information exists to describe the Harbour Infrastructure product specification. This fact was the initiator to write this small white paper.

The bases of what should be described by which product specification is an earlier scope discussion which was finalised by NIPWG's predecessor SNPWG in 2005. It is well known that some of the results have been overtaken by other developments over the last years. Based on NIPWG initiatives, different IHO M-3 Resolutions used to describe a harbour in general have been deleted. It has been considered that this information can be obtained from other sources, such as Wikipedia.

The current situation is that certain Harbour Infrastructure information will be provided by different sources, the S-101 ENC and particularly by the International Harbour Master Association.

The IHO Harbour Infrastructure product specification should complement this information by providing additional information

- for berth-to-berth route planning,
- of harbour and mooring facilities (including pontoons),
- of small craft facilities,
- of docking facilities.

Duplications of S-101 ENC features are appropriate if they are necessary to provide a logically connectivity between the S-101 ENC content and the infrastructure information.

It should be considered if information, which was initially assigned to the Marine Services product specification, such as

- berthing assistance,
- medical service,
- fire brigade,
- waste disposal,
- supplies and repairs

should also become part of the Harbour Infrastructure product specification. This could have the advantage that the future development of a specific Marine Services product specification would become superfluous.