

**S-101 Maintenance - Change Proposal Form**

Organization	Portolan Sciences LLC vice NIPWG & ITPCO	Date	26 April 2023
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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-101 Version No.	Document.	Section No.	Proposal Summary
1.1.0	DCEG also FC, PC(?)	27.60	Generalize definition of "4) berthing"
1.1.0	N/A	N/A	Define concept "Fender Berth". The S-101 PT <u>may</u> wish to consider adding it to S-101.

**Change Proposal****Proposal (1)**

"berthing" is currently defined in the GI Registry as "A signal station for the control of vessels when berthing." This definition dates to S-57. However, the codelist ActionOrActivity also needs the term for one of its standard values, to describe one of a set of navigation-related activities, and restricting "berthing" to only signal stations propagates the overly restrictive "signal station" sense to that codelist in the GI Registry and thence to NPUBS Product Specifications like S-131.

Proposed Revision: Extend the definition of "berthing" to include a second sense. The new definition would be as follows, with changes in red font:

(1) A signal station for the control of vessels when berthing. (2) Attaching a vessel to a wharf or jetty.

There is precedent for including two senses in the same definition: see Daymark, Bridge, Orientation, and Ramp.

Alternative: An acceptable alternative would be:

(a) add a new concept (or change the name of the current concept) for the specialized sense describing a signal: for example "berthingSignal" (definition: "A signal station for the control of vessels when berthing.") and use that in S-101.

(b) Define the concept "berthing" as "Attaching a vessel to a wharf or jetty."

Impact: Depending on how it is effected in the GI Registry, the alternative might promote the impact of this proposal from an S-101 “Clarification” to “Revision”. The “Proposed Revision” above it would be a “Clarification”.

**Proposal (2)**

Define new concept “Fender Berth”, defined as “A designated physical location of berth infrastructure where a vessel may moor, defined by the fender line, which is the position of the vessel when moored.”

Impact: This proposal is presented to the S-101 PT for feedback prior to submission to the GI Registry, because the related terms “Berth” and “Anchor Berth” originated in the ENC domain and are used in S-101. This proposal would have no impact on S-101 unless the S-101 PT chooses to go beyond this proposal add a new feature to S-101.

## Change Proposal Justification

Proposal (1)

At present there is a mismatch between the term “berthing”, a general term, and its definition as “A signal station, etc. ....”, which is a specialized definition. The term should match its definition. The present situation propagates an inappropriate definition into Product Specifications, especially specifications for nautical publications products.

Adding a second sense to the current definition allows S-131 and other NIPWG Product Specifications to have an appropriate definition while minimizing changes to S-101.

Proposal (2):

“Fender Berth” has been requested by ITPCO/IHMA for alignment with industry usages. It is analogous to the term “Anchor Berth” which is already defined in the GI Registry and used in S-101. Note that this proposal is not requesting that a “Fender Berth” feature be added to S-101 (though the S-101 PT is welcome to consider that action on its own initiative).

These proposals have been discussed and approved in NIPWG.

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