

**S100 Working Group 3  
Singapore (10-13 April 2018)**

**Develop S-129 Product Specification on Under Keel Clearance Management**

The Under Keel Clearance Management Project Team has continued to progress the development of S-129. Since HSSC9, the Project Team held an ad hoc meeting in January 2018 during the e-Navigation Underway Conference in Denmark.

The Project Team is close to finalising the underlying human readable version of the data model to depict no-go areas. Once this is finalised the new concepts will be registered in the GI Registry.

The Project Team is also exploring options to test the data model through two separate mediums. OMC International is providing support to utilise their existing Dynamic Under Keel Clearance (DUKC) API to deliver S-129 data. This API was developed to potentially facilitate S-129 testbeds in Australia, the Republic of Korea, and potentially under the STM Validation project in Europe. The Project Team are also hoping to conduct testing of the data model with the assistance of Furuno.

The Project Team is scheduled to hold a third meeting in the Republic of Korea in September 2018, where the Product Specification should be finalised. Leading up to this meeting, the team will:

- register new concepts in the GI Registry, and
- conduct testing of the model to confirm its useability.

The S-129 Product Specification remains on track in accordance with the S-100 Product Specification Roll Out Implementation Plan, with the finalised specification to be submitted to HSSC11 in May 2019.