

Paper for Consideration by DQWG

Report from S-100WG

<b>Submitted by:</b>	S-100WG (Chair)
<b>Executive Summary:</b>	HSSC Review Cycle for S-100 Based Product Specifications
<b>Related Documents:</b>	A2_2020_PRO1-7_EN_3YearWPBudget_cc_v1.pdf
<b>Related Projects:</b>	S-1xx

**Introduction / Background**

The IHO Council submits the 3-Year Work Program and Budget to Assembly-2. Work Programme 2 – Hydrographic Services and Standards focuses on the implementation of component 1.4 of Strategic Direction (SD) 1: “developing, improving, promulgating and promoting clear, uniform, global hydrographic standards to enhance safety of navigation at sea, protection of the marine environment, maritime security and economic development”. Element 2.8 describes Other technical standards, specifications, guidelines and tools. Task 2.8.6 states: “Ensure that data quality aspects are addressed in an appropriate and harmonized way for all relevant standards,” a continuous activity, Lead Authority is DQWG.

In order to fulfil this requirement, a Review by DQWG is required during the Edition 1.0.0 to 1.9.n phase of S-1xx development.

**Analysis/Discussion**

IHO Resolution 2/2007 outlines the process for development and approval of IHO based product specifications. As part of this lifecycle it is important that working groups and project teams engage with the IHO’s Data Quality Working Group to review product specifications for adherence to S-100 data quality aspects and completeness. While this review can occur prior to Edition 1.0.0 (Testing and Implementation Edition), DQWG will review and provide feedback during the Edition 1.0.0 to 1.9.n phase specification development. Edition 1.0.0 of any IHO S-100 based product specification is not designed for regular use in approved arrangements or for provision of operation services by purpose. Edition 2.0.0 of a standard is considered to be mature and can be used for implementation. The following figure shows the IHO Review Cycle as approved in IHO resolution 2/2007.

**Proposed Review Cycle for WG/PT Development Phase**



## **Conclusions and recommendations**

DQWG ToRs state that its main objective is to ensure that the data quality aspects are addressed in an appropriate and harmonized way for all S-100 based product specifications. DQWG is recommended to facilitate this process by correspondence for a review period of 6 weeks (30 working days), upon request by a S-100 WG Chair or PT-lead, NIPWG Chair or TWCWG Chair.

Terms of Reference of the S-100WG, NIPWG and TWCWG and associated PTs need to be adjusted to reflect this process, actively asking for a review by DQWG.

## **Justification and Impacts**

DQWG members should provide sufficient resources to provide this service.

## **Action Required of the DQWG**

The DQWG is invited to:

- a. Note this paper.
- b. Update their ToRs.
- c. Facilitate the service as requested.