

## Assessment of authority of DQWG statements

<b>Submitted by:</b>	NIPWG
<b>Related Documents:</b>	Data Quality Checklist for Product Specifications
<b>Related Projects:</b>	All S-100 Product Specifications

### Introduction/Background

Based on HSSC endorsement, the development of S-100 compliant product specifications seeking to capture information that was traditionally contained in Nautical Publications belongs to the responsible HSSC WG.

The development of the product specification S-127 (Traffic Management) has been outsourced by NIPWG and the development is ongoing.

DQWG is encouraged by HSSC to review product specifications periodically and to provide feedback to the responsible WGs/CGs/PTs if data quality aspects have not been reflected correctly or if data quality information is missing.

### Analysis / Discussion

The DQWG was invited to assess the data quality information of the S-127 product specification components which are at a certain level of maturity. That was done and feedback was provided.

The comments received are very much appreciated and the implementation of them is under consideration by the contractors.

This paper intends to raise principle questions regarding the DQWG comments:

- Is the Data Quality Checklist for Product Specifications <sup>1</sup> mandatory or are modifications on a case by case basis possible?
- Is the DQWG Data Quality Checklist for Product Specifications only applicable for intended front bridge use of products or does it belong to back bridge products as well?

If the answer to the second question is “yes, it belongs to back bridge products as well”, then is it intended to roll out the Data Quality Checklist for Product Specifications for all S-100 compliant product specifications or does it apply only to those under IHO regime?

If the focus of the Data Quality Checklist for Product Specifications is on front bridge applications, is the integration into S-98 an option?

The current NIPWG position is that modifications within the S-100 framework and as per need are in line with the S-100 philosophy, and allows product specification developers to divert from the strict S-100 regime if the circumstances justify that. That means that NIPWG see the Data Quality Checklist for Product Specifications as guidance and not as an obligation.

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<sup>1</sup> Note that, due to the date of the recent DQWG meeting and the necessary administrative processes, the final version of these guidelines was not ready at the date when this paper was made.

**Justification and Impacts**

Making the DQWG Checklist for Product Specifications mandatory or make it part of S-98 may simplify the product specification development and could ensure greater cross product specification harmony, but it might block data quality solutions which could be considered more appropriate for a specific purpose.

**Conclusions and Recommended Actions**

The status of the DQWG Checklist for Product Specifications should be determined.

**Action Required of HSSC**

HSSC10 is invited to:

1. take note of the paper,
2. clarify the level of applicability and authority of DQWG statements and guidelines upon product specification development, both within the IHO and wider.