



19th Meeting of the Data Quality Working Group

HSSC ISO -9001 cell update

Agenda Item 2.4A

DQWG-19, VTC Event, 25- 26 March 2024



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PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

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1. The GANTT diagram and Risks and Opportunities Management Purposes document are maintained by the S-101 PCO.
2. Action HSSC14/18 is considered **COMPLETED**. A meeting has been held in Monaco on Friday 2 September 2022 with the IHO Secretariat. The minutes (Appendix 1) includes recommendations for improving the resilience of the IHO GI Registry. These recommendations might be considered for the establishment of a structure for the management of the framework for S-100 in the long term.
3. Action HSSC14/63 is therefore considered **COMPLETED** as significant progress has been made on the development of the Portrayal Catalog, with the achievement of the following milestones :
 - S-101 Portrayal Catalogue version 1.0.2 published - November 2022;
 - S-101 Portrayal Catalogue 1.1.0 published in GI Registry – March 2023.



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PROBLEMS OR OUTSTANDING ISSUES

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S-101 PS progress towards Ed 2.0.0 depends on :

1. **Resources** : active contributions from MS & additional fundings
2. **Progress of others PS development** (especially S-164 & S-98)
3. **Testbed activities for DF concept & interoperability** : essential for operational use of S-101 PS



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MAJOR RISK : INSUFFICIENT TIME TO TEST DUAL FUEL CONCEPT IN S-100 ECDIS PROTOTYPES

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Testing DF concept

S-101 tests data sets
compliant with S-164 PS

S-100 ECDIS prototypes

Testbed environment

Control & Mitigation

- ✓ S-100 ECDIS prototypes started to emerge
- ✓ several testbed projects already on track
- an **agile approach** with effective feedback loops to support testing and **ensure feedback is actioned and traceable.**
- Expand the **use of Git to track and manage efficiently the different versions of PS.**
- **Projects results should be considered as documented information that needs to be retained, centralized and made accessible** from a page on the IHO website. “S-100Ressources” webpage should be the focal point (<https://iho-ohi.github.io/S100Resources/>) web pages that are no longer used should be archived.



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MAJOR RISK : INSUFFICIENT TIME TO TEST S-98 INTEROPERABILITY IN S-100 ECDIS PROTOTYPES

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Testing S-98 Interoperability

S-98 and S-164 PS

S-101 tests data sets

S-102, S-104, S-111 and S-124
tests data sets

S-100 ECDIS prototypes

Testbed environment

Control & Mitigation

- Monitor the interdependencies between Product Specification S-101, S-98 and S-164
- specify the exact needs without over-specification, especially for S-98



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Actions decided by HSSC15

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Action HSSC 15/59

- **HSSC** noted the recommendation for considering the establishment of a S-100 management structure.
- *Target date/event:* HSSC-16

Action HSSC 15/60

- Given the dependency on others, PS development timeline to validate S-101 PS edition 2.0.0 after a testing period, **HSSC** agreed on the principle to expand the scope of the ISO Cell to S-164 and S-98 developments and designated S-100WG Vice-Chair as a PCO from the S-164/S-98 subWG to join the ISO Cell and participate to maintain Gantt diagram and risk management documents.
- *Target date/event:* HSSC-16



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Action HSSC 15/62

- **HSSC** endorsed the recommendation from the **HSSC ISO 9001 Cell** to consider, in cooperation with the S-100WG, how the efforts on S-101 PS development could be measured (monitoring of a “Effort KPI” and set up a new KPI for the S-101 PS process?).

- *Target date/event:* HSSC-16

Action HSSC15/63(former HSSC14/64)

- **HSSC Chair** to report to C-7 on the benefits of having this **HSSC ISO 9001 Cell**.

- *Target date/event:* C-7 (17 July)

- Status: Done