INTERNATIONAL HYDROGRAPHIC
ORGANIZATION

ORGANISATION HYDROGRAPHIQUE
INTERNATIONALE

S-100 WORKING GROUP
(S100WG)

[A Working Group of the Hydrographic Services and Standards Committee (HSSC)]

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To: S-100 Working Group and S-101 Project Team Members

Date November 21, 2017

Dear Colleagues

I recognize that it has been a long time since you have had any formal communication from the chair. I'm writing this letter to inform you on a couple of items that have transpired since our last meeting in Genoa.

1. Next meeting: The dates of the next meeting will be from April 10 – 13, 2018 in Singapore. Logistics should be posted under the S100WG3 meeting site in the next couple of days.
2. Results of the Test Strategy Meeting 5 – A small meeting was held in September to progress the portrayal issues that were discussed at the S100WG2 meeting. As a result there is a clear way forward on portrayal for S-100 and S-101. As you may recall the working group delegated the decision on portrayal mechanisms to this small group of experts and at the meeting they agreed on the following path:
    a. S-100 will incorporate the LUA scripting language as a second portrayal mechanism for Edition 4.0.0
    b. S-100 will continue to include the existing XSLT mechanism
    c. S-101 will utilize LUA as that is optimized for handling conditional symbology procedures and alerts and indications
3. HSSC has approved the continuation of our workplan and has urged the S100WG to prepare Edition 1.0.0 of S-101 for publication in 2018.

Recognizing the increased importance on moving S-101 forward, I have concluded that due to my increased responsibilities at my home office, in addition to chairing the S100WG, I do not have the bandwidth to continue as the S-101 Project Team leader. The United States (NGA) has graciously offered Al Armstrong to take over the role as the S-101 Project Team leader and this change was endorsed at HSSC9. As part of the transition and the push to publication of edition 1.0.0 the following activities will be held over the next 6 months.

1. We are in the process of bundling up the baseline edition of S-101 for a full review by the project team members and the wider S-100 Stakeholder community.
2. The S100WG will be working to update the Portrayal Catalogue Builder to incorporate LUA

portrayal mechanisms and publishing a S-101 portrayal catalogue utilizing the S-100 infrastructure.

In addition, the IHO Council and HSSC have stressed that S-101 Edition 1.0.0 should aim for a release in 2018. In order to facilitate this a project team meeting will held in sometime in June in Monaco to adjudicate any comments that were received during the review period and resolve any outstanding issues such as validation, alerts and indications and scoping out the test data set package for S-101. Attached to this letter is a very high-level workplan that shows the intended progression of S-101 through the next several years. This progression follows a similar path that S-57 took to become operational.

I know that some were expecting that the S-101 Project Team meeting would be held in conjunction with the S-100 Working Group meeting in April; however, due to the large workplan of the S-100 WG it is not practical to hold the project team meeting in conjunction with the S100 Working Group. Therefore, a focused three-day meeting will be held separately in June 2018, so that the project team can focus solely on S-101 issues.

Best Regards,

Julia Powell
Chair, S-100 Working Group

Components	Edition 1.0.0 (2018)	Edition 2.0.0 (2019)	Edition 3.0.0 (2020)
Main Documentation	✓	✓	✓
Feature Catalogue	✓	✓	✓
Portrayal Catalogue	Partial	✓	✓
Validation	Partial	✓	✓
Data Classification and Encoding Guide	✓	✓	✓
Encoding Format	✓	✓	✓
Encryption		✓	✓
Alerts and Indications		✓	✓
Full Test Data Sets for Type approval		Partial	✓
Notes	Portrayal will be limited to S-52 rules translated to LUA	Edition 2.0.0 refines all the additional rules	**Operational Edition**