

**Paper for Consideration by TSMAD**

**Change Proposal for S-100 GI Registry and S-99**  
(Operational Procedures for the Organization and Management of the S-100 Geospatial Information Registry)

<b>Submitted by:</b>	UK
<b>Executive Summary:</b>	This paper proposes a change to the register/domain structure of the S-100 GI Registry and the addition of a proposal development area. This will also generate changes to S-99.
<b>Related Documents:</b>	
<b>Related Projects:</b>	1. S-100

**Introduction / Background**

IHO and in particular TSMAD have held several workshops in conjunction with IALA to discuss their use of the S-100 GI Registry.

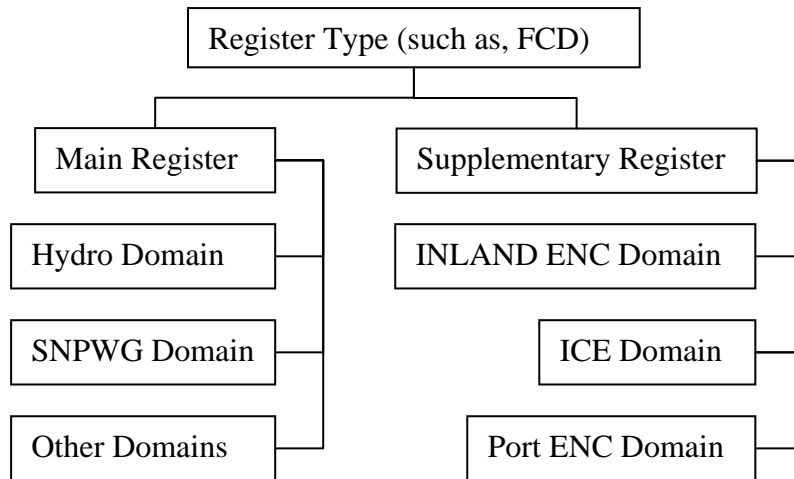
Two items in particular have been the focus of discussion:

1. Abandoning the conceptual arrangement of *Main* and *Supplementary* registers. IALA have pointed out that because any registered item in any register and its domains is available for use by any S-100 based product specification whether it be a S-10x or other, that it is more logical and appropriate to consider just one register for each of the register types; Feature Concept Dictionary Register, Portrayal Register etc.
2. Creation of a “preliminary” status category for entries in the FCD Register. This would provide a “sand box” or “trial” area where new proposals can be lodged but amended if required prior to a final version being proposed for formal entry in the registry.

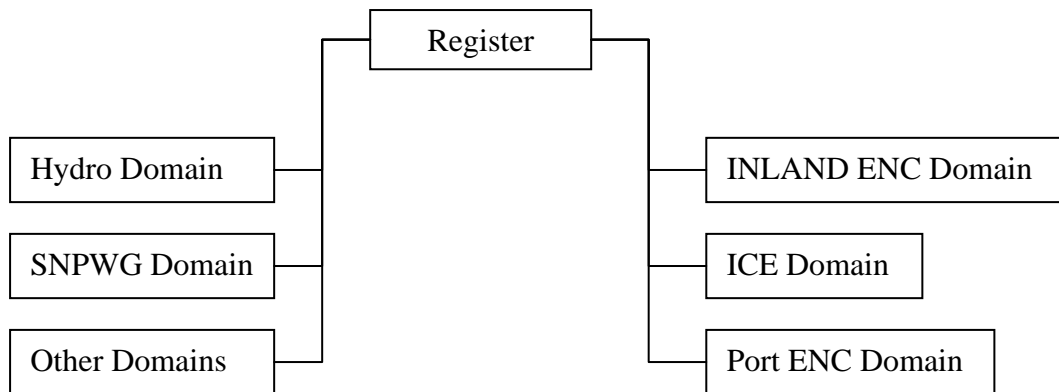
**Analysis/Discussion**

Abandoning the conceptual arrangement of *Main* and *Supplementary* registers. This proposal is fairly straightforward requiring only a simple change to the registry interface. The original notion of describing each register as containing a “main” and “supplementary” area was intended to indicate to non-IHO submitting organisations that there was dedicated space allocated to them. In reality, and as realised by IALA, this is an artificial construct and of no consequence to would be users, such as IALA.

Currently the registers are represented as shown in the following diagram.



The new configuration would represent the registers in the registry interface as follows:



There is no requirement to restructure the database in any way.

Creation of a “preliminary” status category for entries in the FCD Register. This proposal will provide a useful mechanism for all organizations intending to make submissions to the registry. Past experience has shown that during the development of product specifications, entries made to the registry are often premature and require further supersession, clarification or even retirement.

As a result, submitting organizations are likely to develop their proposals off line. This means that other submitting organisations will be unaware of any similar proposals being developed by other submitting organisations. This could lead to duplication, conflicting entries and unnecessary effort. When entries are ready for submission, if they have all been developed off-line, there may also be a major task of transferring each proposal to the registry. While this concept of “preliminary” status might be useful for other registers, the proposal is that it should initially only be used to support proposals to the Feature Concept Dictionary.

The intention is to develop an interface which allows the development of items for registration. Once finalized each proposal will be automatically transferred from the development database to the working database. The normal proposal form will be automatically filled with the proposal details and emailed to the register manager for further action.

The details of the process will need to be discussed and developed either (if time permits) during this meeting or afterwards by email.

If these proposals are supported, there will be a requirement to revise S-99 to reflect a modified registry structure.

## **Conclusion**

This paper identifies clear benefits in support of developing the register structure as described.

While on-going maintenance and development of the Registry is a standing item in the TSMAD Terms of Reference, any consequent revision of S-99 is presently not mentioned. If these proposals are supported, it is proposed that TSMAD seek HSSC approval to prepare of a revised edition of S-99. It may also be appropriate to seek an amendment to the TSMAD ToRs to include any consequential maintenance of S-99 that is based on the on-going development and maintenance of the Registry.

## **Action Required of TSMAD**

- To agree to the proposed changes.
- To agree to a submission to HSSC 4 for the approval of an addition to the TSMAD Work Programme to revise S-99.
- To seek an amendment to the TSMAD ToRs to include on-going maintenance of S-99