2nd IHO-HSSC Meeting
Rostock, Germany, 26-29 October 2010

Paper for Consideration by HSSC

Draft IHO Publication S-99
- IHO Geospatial Information Registry - Structure, Organization and Management

Submitted by:	IHB and Chairman TSMAD
Executive Summary:	This paper invites the HSSC to recommend to MS the adoption of new IHO publication S-99 - *IHO Geospatial Information Registry - Structure, Organization and Management*
	Rev1 to this paper includes comments by the IHB resulting from feedback from the 8th meeting of the International Inland ENC Harmonization Group (IEHG) (see paper HSSC2-06.1A)
Related Documents:	1. Paper HSSC1-06.1G - *Update on the Proposed Management Arrangements for the Geospatial Information Infrastructure (GII)*
	2. Paper CHRIS20-06.1B - *Governance and Management Arrangements for the IHO Information Registry*
	3. Draft copy of S-99 *- IHO Geospatial Information Registry - Structure, Organization and Management*

Introduction / Background

1.   HSSC-1 reviewed paper HSSC1-06.1G - *Update on the Proposed Management Arrangements for the Geospatial Information Infrastructure (GII)* and agreed the general principles described in the paper concerning the management and operation of the S-100 GI registry and its component registers. At the same time, HSSC-1 Action item 13 instructed TSMAD to develop as a high priority work item more detailed operational processes and business rules for the management of the registry and to report to HSSC2.

2.   In response to Action item 13, a detailed procedural document has been drafted by the chairman of TSMAD, in consultation with the IHB. This paper presents that document and proposes that it be adopted as IHO publication S-99 - *IHO Geospatial Information Registry - Structure, Organization and Management*.

3.   A copy of the draft IHO publication S-99 is available on the HSSC-2 webpage containing the meeting documents at: *http://www.iho-ohi.net/mtg_docs/com_wg/HSSC/HSSC2/HSSC2Docs.htm*.

4.   For a practical examination of how the processes and business rules described in S-99 are implemented in the S-100 registry go to: URL: *http://www.iho-wms.net:8080/gii_registry/home.php* . There is no requirement for HSSC users to register; the registry can be accessed by signing in using:

<div align="center">

username: hssc
password: hssc123

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All areas of the registry can be viewed but the ability to propose and administer items has been disabled.

Analysis/Discussion

5.   The draft guidelines for the governance and management arrangements for the IHO Information Registry are based on the general principles described to HSSC-1 in 2009 (see Related Document 1) and to CHRIS-20 in 2008 (see Related Document 2). The draft guidelines set out how the registry and its component registers are

being operated today, and are based on the practical experience gained over the last 18 months that the IHO registry has been under development and implementation.

6. **Control Bodies.** Compared to the earlier descriptions provided to HSSC and CHRIS, the draft guidelines describe a much simplified operational and governance structure with the registry and its registers being regulated by a minimal number of Control Bodies. The five registers comprising the registry are notionally subdivided into *main* and *supplementary* parts, with register entries being allocated to a *domain*. The recognition of *domains* and *Domain Representatives* in *Control Bodies* means that all stakeholders – both IHO and non-IHO, are represented in the governance and management structure if they wish to be. However, the structure does not depend on the active and constant participation of non-IHO stakeholders. This is important because not all stakeholders will wish to remain actively involved after their immediate requirements for the registry have been met.

7. **Product Specifications**. The subdivision of Product Specifications into three categories: S-1*nn*, S-15*n* and "*others*" has been discarded to avoid potential confusion by users of the dependent products over IHO and non-IHO status. There are now only two categories recognised in the Product Specifications register:

- Product Specifications adopted by the IHO and carrying the identifying code S-1*nn*, and
- Other Product Specifications that use S-100 as the underlying standard, but have not been adopted by the IHO.

8. **Producer Codes.** The Producer Codes register contains the producer agency codes currently being managed by the IHB and published in IHO Publication S-62 – *ENC Producer Codes*, as well as the register of S-57 data producer codes maintained on the Open ECDIS forum website. Because the IHO registry is open to all users, and is continually being updated, there is no longer any reason to continue to maintain S-62 as a separate IHO document.

9. **Role of HSSC.** The draft guidelines indicate that the role of the HSSC, acting on behalf of the IHO, is the overall governing body for the registry.

Stakeholder Input and Consultation

10. Draft versions of S-99 have been provided to TSMAD members and to both current and prospective domain owners for comment and input. Their input has been taken into account in the final draft text. No adverse comments have been received.

Impact Statement

11. The adoption of S-99 will provide the authorised reference for the practical management and governance of the IHO GI registry. It will ensure that the S-100 registry is properly regulated and administered in an efficient and responsive manner. The level of administration has been minimised to reduce the burden on Member States, Stakeholders, Submitting Organizations and Registry Users.

Recommendations

12. The IHO should adopt S-99 - *IHO Geospatial Information Registry - Structure, Organization and Management*, and

IHO publication S-62 - *ENC Producer Codes* is no longer required and should be withdrawn from publication in due course.

Action required of HSSC

13. HSSC is requested to:

endorse the draft IHO publication S-99 : *IHO Geospatial Information Registry - Structure, Organization and Management*,

recommend to MS the adoption of S-99 as a new IHO Publication, and

recommend to MS that S-62 - *ENC Producer Codes* be withdrawn in due course.