

## Paper for consideration by NIPWG2

## Overview of DCEG status

<b>Submitted by:</b>	NIPWG Chair
<b>Executive Summary:</b>	Presentation of the current DCEG status
<b>Related Documents:</b>	<a href="http://wp12183585.server-he.de/npubwiki/wiki/index.php/File:DCEG.doc">http://wp12183585.server-he.de/npubwiki/wiki/index.php/File:DCEG.doc</a>
<b>Related Projects:</b>	S-100 Ed. 2.0.0 S-122

**Introduction / Background**

The NIPWG is working on the Marine Protected Area Product Specification (S-122). One important component is the Data Classification and Encoding Guide.

Due to the fact that several products which are based on several Product Specifications should be presented together on one display, a harmonisation of the data models and consequently, the Data Classification and Encoding Guides, are essential.

**Analysis/Discussion**

The latest edition of the DCEG can be accessed from the NIPWG wiki.

The necessary harmonisation of the S-101 (ENC Product Specification) and S-122 (MPA Product Specification) data models results in several dependencies. The S-122 cannot be completed before the S-101 has reached a quasi-operational status. That means, in consequence, that the S-122 DCEG data model part depends on the S-101 DCEG data model part completion.

The S-101 DCEG data model part may experience improvements during the forthcoming test loops. That can cause a further completion delay.

Considering the dependencies, only chapters 1-3 of the current version of the S-122 DCEG are under discussion. These parts describe the theoretical part of the DCEG. The data model part has been kept intentionally empty. The features and attributes provided at the data model part are to track the changes of the data model and to investigate possible consequences for the application schema.

**Justification and Impacts**

The current version is under development. Considering the S-101 development, it is anticipated that the S-122 DCEG parts 1-3 may require some more reviews.

**Action required of NIPWG2**

The NIPWG2 is invited to:

- a. note this paper,
- b. review the latest DCEG version and provide feedback.