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| From: VTS Committee | VTS 34/output/6 |
| To: e-NAV Committee | 23 March 2012 |

Liaison Note

Response to Ownership and development of S-100 GI Registry Product Specifications

# Introduction

This liaison note is a response on the liaison note, titled “Ownership and development of S-100 GI Registry Product Specifications”, from IALA secretariat to the VTS committee.

Actions requested were to

1. Review the provided IVEF Product Specification
2. Enhance the provided IVEF Product Specification

# Specific Remarks

At present, IALA Recommendation V-145 on the Inter-VTS Exchange Format (IVEF) Service consists of a main document, explaining the concept of and requirements for inter-VTS data exchange, and an appendix, containing a detailed data definition. The view of the VTS Committee is that the latter data definition should ideally be moved to an IALA domain within the S-100 GI Registry.

The VTS Committee reviewed the draft IVEF Product Specification and noted the following:

1. The representation of an IVEF message and the related header and body elements in the application schema does not seem to be modelled appropriately, considering the relationship between the message body and objectData and other body elements from V.145. According to S-100, the IVEF message should be the top class (in S-100, a class is used as a specification (not an implementation as in plain UML)). This is a major point which should be resolved before the Product Specification can be adopted by the VTS Committee.
2. There is, at present, no feature catalogue, which is a required element of a S-100 Product Specification
3. An updated IVEF Product Specification document is forwarded to the e-NAV Committee for their consideration.

# Action requested

The Secretariat is requested to:

1. *Forward the Liaison Note) to the e-NAV Committee*

The e-NAV Committee is requested

1. *To update the IVEF application schema to properly reflect the IVEF message structure*
2. *To create the proper feature catalogue for IVEF for inclusion in the S-100 GI-Registry*
3. *To finalise the IVEF Product Specification*.