

Paper for Consideration by S100WG2

Use of the IALA Reporting Guidelines for S-100 Test Beds

Submitted by:	S100WG Chair
Executive Summary:	IALA has developed a set of guidelines for reporting the results of e- Navigation testbeds and it is proposed that the IHO S100WG also adopt this methodology for its S100 testbeds.
Related Documents:	TR 2/2007, IALA Guideline 1107
Related Projects:	N/A

Introduction / Background

As part of the development cycle for various S-100 based product specifications, the S100WG is working with various partners to establish S-100 test beds to verify the usability and correctness of various specifications that are under development.

Analysis/Discussion

One of the key components of a test bed is the need for proper documentation. IALA has established a framework for testbeds that are under development for e-Navigation initiatives. As part of this, they have developed a guideline for reporting the results of e-Navigation Testbeds. Currently, the S100 testbed framework is under development, but one of the areas that have not had any work done is the reporting of testbed results and storing them in a common repository. For example, IALA stores information on its e-Navigation test beds at the following location: <http://www.iala-aism.org/products-projects/e-navigation/test-bedsprojects/>

Recommendations

It is recommended that the S100WG adopt the IALA Guideline 1107 for reporting of test beds and set up a repository similar to that of IALA for those that are developing S100 test beds to report their results. This will provide a harmonized mechanism and will align with the process that IALA has developed and is utilizing.

Action Required of S100WG

The S100WG is invited to:

- a. note the paper
- b. agree to adopt the IALA guideline 1107 for test bed reporting.