

**8th IHO-HSSC Meeting
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Paper for Consideration by HSSC

NATO Geospatial Maritime Working Group (GMWG) Report to HSSC

Submitted by:	NATO Geospatial Maritime Working Group (GMWG)
Executive Summary:	This paper informs the HSSC of the intent of the NATO Geospatial Maritime Working Group (GMWG) to utilize the S-100 standard for a new generation of AML product specifications. This paper requests an allocation of data product specification identifiers for use by GMWG.
Related Documents:	1. S-100 2.0.0 2. S-99 1.1.0
Related Projects:	S-100

Introduction / Background

1. In order to support NATO's maritime geospatial requirements, the Geospatial Maritime Working Group (GMWG) has developed a number of S-57 based product specifications for Additional Military Layers known as AML. Given the development of S-100 and associated product specifications, the GMWG is now beginning to develop S-100 based data product specifications, this paper reports on this activity and makes a request to IHO.

3. GMWG is beginning the development of S-100 based data product specifications under the AML+ brand and work has begun on an initial vector layers data product specification following the general approach of the existing AML specifications. The GMWG has established an AML domain and will seek to populate this with additional concepts.

4. GMWG requests the allocation of a small range of product specification identifiers for its use as has been done for other organizations. Although S-99 Part 5 describes the submission of a specific data product specification via the Registry web it does not cover the allocation of a range and therefore GMWG requests this from the HSSC. It is envisaged that a range of 25 identifiers would be sufficient.

Conclusion

5. The GMWG would like to utilize S-100 for a new generation of AML specifications. This paper puts in place one key enabler which allows the GMWG to use S-100 in line with IHO standards and guidelines.

Recommendations

6. The recommendations of this paper are as follows:
- a. Note the use of S-100 by GMWG
 - b. Assign an allocation of data product specification identifiers in a suitable range for use by GMWG

Justification and Impacts

7. The impact of this change is the register manager of the Feature Concept Dictionary establishing a new domain. This is considered to be a small amount of effort and it is suggested can be accommodated within the resources assigned to the register manager.

Action Required of HSSC

8. The HSSC is invited to:
- a. Endorse the above recommendations.