e-NAV14 Input paper

Agenda item 12.2

Task Number 32

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AtoN Information Product Specification

# Summary

This draft Product Specification has been developed, in accordance with IHO Standard S-100, over several meetings of the e-Navigation Committee, at an IALA Workshop and inter-sessionally. It has now reached a state in which it can be considered by the relevant Committees (e-NAV & ANM) for approval by Council to submit to IHO for inclusion in the IHO Registry.

## Purpose of the document

The Committee is invited to consider the draft Product Specification on AtoN Information for submission to Council (via ANM and PAP).

## Related documents

IHO Standards S-99 and S-100.

# Background

The AtoN Information Product Specification was developed from a spreadsheet used by the Australian Maritime Safety Authority and Hydrographic Office (AMSA & AHO). This was converted to a Data Model (in UML) and uses Geography Markup Language as a data exchange format between AtoN authorities & HOs.

The version attached to this input paper has a mature Application Schema (model) that has been reviewed by navigation experts in various authorities. This schema has been used to generate the data encoding and feature catalogue to complete the Product Specification.

# Discussion

The draft Product Specification is attached as Annex 1. A readable version of the Feature Catalogue is attached as Annex 2. The XML Feature Catalogue is attached as Annex 3. Some further work is required to complete the Feature Catalogue before submission to IHO.