**Input paper: [[1]](#footnote-1)** ARM19-8.4.2

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**Agenda item** [[2]](#footnote-2) 8.4

**Technical domain/ Task number** 2 7.1.14 Development of technical service specifications for the provision  
 of AtoN information

**Author(s)/Submitter(s)** GLA, UK & Ireland

Service Design for the Provision of AtoN Information Service to End-users using IEC 63173-2 (SECOM)

# Summary

Recently a service specification was developed for the provision of AtoN information to end-users. This service specification 'ARM18-8.4.3 Marine Aids to Navigation (AtoN): Technical Specification for the Provision of AtoN Information Service to End-users' - comprises the high level description of a technical service - as specified in G1128 'Specification of e-Navigation Technical Service'. In conjunction with a (high level) service specification - one or more service designs must be specified. Each service design described how to implement the service using specific technologies.

The annex to this document is a draft service design for the AtoN information service which uses the SECOM (IEC 63173-2) standard. This design also indirectly makes use of the new IALA guideline for provision of MCP identities (G1183) - since SECOM requires secure identities for authentication of services.

# Action requested of the Committee

The committee is invited to review and progress on the provided service design.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)