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Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) IHO

Portrayal of Sector Lights in S57 Chart Format

# Introduction

During ARM4 it became evident that there is a gap in the portrayal of aids to navigation in ENC.

A liaison note to the IALA SG was drafted and he was invited to approach IHO in a suitable manner to offer IALA assistance (see ARM4-12.1.2).

A letter addressed to the International Hydrographic Organization (IHO) concerning the portrayal of sector lights in the S57 chart format was send by the SG (see annex A).

# Discussion

The IALA SG had a constructive conversation with Gilles Bessero from IHO. His reply to the IALA letter on the Portrayal problems is copied below.

*As discussed on the phone, I confirm that the Norwegian Coastal Administration did submit a paper on the portrayal of sector lights in ENC to the IHO Hydrographic Services and Standards Committee (HSSC) at its last meeting in November 2015 (HSSC-7). The relevant HSSC Working Groups, S-100 WG (for the impact on S-100 based Product Specifications) and the ENC Standards Maintenance WG (ENCWG) (for the impact on S-57 based ENC) investigated the issues as instructed by HSSC.*

*I understand from the minutes of the S-100WG meeting in March 2016 that the portrayal requirements have been taken into account in the draft S-101 ENC Product Specifications.*

*For S-57 ENCs, it seems that the portrayal requirements would require not only an amendment to the S-57 ENC Product Specification but also an amendment to the associated S-52 Presentation Library for ECDIS.  The IHO Directing Committee has reservation on any further change not driven by new regulatory provisions which would require a software update for existing ECDIS and possibly an amendment to IEC61174, noting the situation reported at IMO/NCRS3 on the lengthy process to implement the latest edition of the Presentation Library released in December 2014.*

*Both WGs will report on their work and proposals to HSSC-8 which will meet at the IHB in Monaco from 14  to 18 November 2016.*

*The Directing Committee welcomes the support offered by IALA on the portrayal of lights and aids to navigation and suggests that the best way forward would be for IALA to consider being represented in the S-100 and ENCWG. Neither group have yet a "nominal" IALA observer. Input from IALA has generally been provided through industry expert contributors, in particular Eivind Wong from C-Map.  In addition, you may also wish to consider providing input to HSSC-8 and /or adjusting the representation of IALA at the HSSC Committee. The current HSSC points of contact at IALA are Michael Card and Lee Alexander. Both, as well as the IALA Secretariat, should have received a copy of IHO CL  25/2016 dated 25 May 2016 about the preparation of HSSC-8.*

*We stand ready to provide any additional information to improve the liaison between the IHO and the IALA.*

# Action requested of the Committee

IHO suggests that IALA participate in the HSSC-8 which will meet at the IHB in Monaco from 14  to 18 November 2016. The Committee Chair is requested to consider who of the Committee members is available best suited to participate in HSSC-8.

Annex A, Letter to IHO



1. ........
2. Appendix heading 1
   1. Appendix heading 2
      1. Appendix heading 3

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