Light Description

This proposal is for Light Description. This new attribute will use the existing calculations to capture the appropriate light description string that will be displayed on the ECDIS. It utilizes the following attributes: CATLIT, COLOUR, HEIGHT, LITCHR, SIGGRP, SIGPER, STATUS, VLNMR. *The burden of concatenating the light description text from these attributes will be lifted from ECDIS and computed only once in the production systems. This attribute will enable the elimination or simplification of the Light description text string CSP, LITDSN01.*

1. New items

Simple Attribute – lightDescription

Bindings: Light All Around/Single Sectored
Light Multi-Sectored
Light Directional
Light Fog Detector
Light Air Obstruction

Simple attributes

Type - Text

Light Description

Additional information: IHO Definition: The text string containing the light characteristics.

Indication: Text.

Remarks: This value is calculated by the ENC production software systems. The logic is provided as C code located at…..

3. Portrayal

4. Business Rules

Need to add the CSP guidance on how this attribute is calculated to the Implementation Guidance Section of S-101

Sector Extension

This proposal is for Sector Extension. This new attribute will capture the distance which a sector arc is extended by. If not populated the default distance will be used.

1. New items

Simple Attribute – sectorExtension

Bindings: Light All Around/Single Sectored
Light Multi-Sectored

Simple attributes

Type - Integer

Sector Extension

Additional information: IHO Definition: The distance in screen milimetres (mm) by which a sector is extended from its origin.

Unit: Screen millimetres.

Resolution: 1mm

Format: xx

Remarks: This value is calculated by the ENC production software systems.

3. Portrayal

4. Business Rules

Need to add the CSP guidance on how this attribute is calculated to the Implementation Guidance Section of S-101

Flare Rotation

This proposal is for Flare Angle. Currently conditional symbology procedures determine the flare angle where lights are coincident. This proposal enables the angle to be included in the data where different from the default.

1. New items

Simple Attribute –flareRotation

Bindings: Light All Around/Single Sectored
Light Fog Detector
Light Air Obstruction

Simple attributes

Type Integer

Flare Angle

Additional information: IHO Definition: The angle about which the light flare symbol is rotated to be displayed.

Value minimum – 0.0

Value maximum – 359.9

Remarks: This value is calculated by the ENC production software systems.

3. Portrayal

4. Business Rules

Need to add the CSP guidance on how this attribute is calculated to the Implementation Guidance Section of S-101