

Paper for Consideration by ENCWG2  
**Presentation of Light description string**

<b>Submitted by:</b>	Navtor
<b>Executive Summary:</b>	This paper highlights discrepancy between the rules given in Presentation Library (edition 4.01) and correspondent test of S-64 (Edition 3.0.1 - June 2015)
<b>Related Documents:</b>	N/A.
<b>Related Projects:</b>	Recently published new editions of S-52 and S-64

### Introduction / Background

In current version of Presentation Library 4.01 the principles for presentation of Light description string are described in chapter 10.6.3 (Light Description Text Strings). Instead of previous C-code in LITDSN02 Conditional procedure these principles are given in form of textual description.

In particular it is recommended to follow the rules which are given in paper chart convention. In this convention (REGULATIONS OF THE IHO FOR INTERNATIONAL (INT) CHARTS and CHART SPECIFICATIONS OF THE IHO, Edition 4.6.0 – April 2016) the rules for spacing of the elements of light description are described in the clause B-471.9, namely:

*a. Insert full stops (or spaces):*

- *at the end of the characteristic rhythm (except where there is a bracket);*
- *at the end of all colours (not between colours);*
- *after Al (Alternating) - although Al is not a rhythmic characteristic it is often juxtaposed with one.*

*b. Omit full stops:*

- *after s (seconds);*
- *after m (elevation);*
- *after M (range);*
- *where there is a bracket;*
- *at the end of the light description.*

The example of Light description string given at the end of the chapter 10.6.3 of PL completely corresponds to the mentioned above rules: **FL W 30s7m10M**

In particular the space is inserted after the description of Light Characteristic (*rhythm characteristic*) because the brackets for Signal Group are absent.

But in the correspondent test plot of S-64 (3.1.6 Text Grouping) such Light description is presented without the necessary in this case space:

### Action

View cell AA5STNDR.000

Switch off all text group controls and switch on only the **"Light description"** control located under the **"Other Text"** control. Verify that the objects are displayed correctly as presented in the plot.

### Results

The objects are shown as presented in the screen plot below



### Recommended Action

The ENCWG is invited to:

- a) note the issue presented in this paper
- b) Improve the presentation of Light description on this test plot as the following: **FI W**