|  |  |
| --- | --- |
| From: ARM9 | ARM9-12.2.2 |
| To: ENG10 | 04 April 2019 |

LIAISON NOTE

Vertical divergence of light for marking mooring buoy

# Introduction

French authority requested ARM committee to consider the marking of mooring buoys (ARM9-3.1).

ARM decided marking of mooring buoy will be take into consideration in the further revision of the MBS.

As a preliminary remark, the ARM Committee notes, that if a mooring buoy interferes with other navigational marks, the preferred mark used for mooring buoys should be a special mark.

Due to the inclination of mooring buoys under tension, ARM committee raises the issue regarding the vertical divergence of the light.

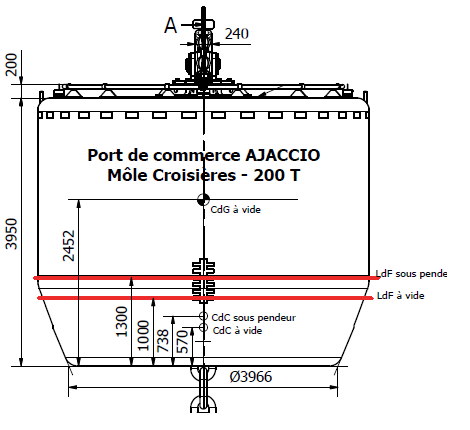
# Action requested

The ENG committee is requested to:

1. Consider what vertical divergence would be the most appropriate for this case.
2. Submit to ARM committee the maximum existing vertical divergence.
3. Consider if it’s possible to increase the maximum vertical divergence, or if other technical options might have similar vertical effect as with the old incandescent lamp bulbs with acrylic lens (which had a illumination from the top of the lantern).

# Example of mooring buoy

  
Illustration 1: Example of inclination of mooring buoy

  
Illustration 2: Mooring buoy dimensions

Inclination max 25°