Input paper for the following Committee(s): check as appropriate Purpose of paper:

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Agenda item [[1]](#footnote-1) (from agenda) 10

Workplan Task Number / Technical Domain 2 5.3.3

Working Group WG 2

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Uniformity of terminology for Spar Buoy and Buoyant Beacon

# Summary

## Purpose of the document

The Spar Buoy and Buoyant beacon(Articulated beacon) are used in the same concept as floating structures, but these are divided into two type on nautical chart symbol and IALA Dictionary. This paper is proposed to the necessity of unification of terms.

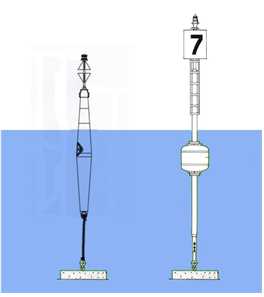
## Related documents

IALA Guideline No. 1099 on the Hydrostatic design of buoys(Ed. 1, ‘13.5), IALA Dictionary

# Discussion

According to the IALA Dictionary, the Spar Buoy is defined as a buoy in the shape spar(ship mast lumber) floating nearly vertically. The Buoyant beacon is similar to Spar Buoy.

Buoyant beacon was renamed the Articulated beacon according to the IALA Guideline 1099 on the Hydrostatic design of buoys(May 2013.) and classified as Spar Buoy.



1. Picture of Spar Buoy and Articulated beacon(IALA Guideline 1099)

According to S-4(Regulations of the IHO for International Charts and Chart Specifications of the IHO, July 2017), the Spar Buoy and Buoyant beacon stipulated to be marked with another symbol. However, Spar Buoy and Articulated beacon are same to floating method on the marine(sinker, mooring method, floating body).

(Buoy: ), (Spar Buoy: ), (Buoyant Beacon: ), (Beacon: )

1. Method of indication of IHO nautical chart for AtoN

According to experts and industry catalog in AtoN field, They expressed the opinion that it is appropriate to use Spar Buoy and Articulated beacon(Buoyant beacon) as the same concept.

Recently IALA was discussed the need for close cooperation between IALA and IHO for the unity of marked nautical chart of AtoN at the IALA AIS workshop held in Seoul(Oct. 2016).

In order to avoid confusion about the use of terms for similar AtoN, it should be clarify using terminology.

# Action requested of the Committee

The Committee is requested to review of this document.

1. Input papers should be assigned to a work task as listed in the Committee work plan which is available in input papers. Leave open if uncertain but consider how the paper is to be processed if not relevant to a work task [↑](#footnote-ref-1)