Input paper: [[1]](#footnote-1) ARM10-8.5

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

**X** ARM **□** ENG **□** PAP **X** Input

**□** ENAV **□** VTS **□** Information

Agenda item [[2]](#footnote-2) (from agenda) 9

Workplan Task Number2 …………………………………

Working Group WG …………………………

Author(s) / Submitter(s) NCA (GT)…………………………………

Proposal for MAtoN chart symbol

# Summary

Purpose of the document is to provide a proposal to discuss regarding a chart symbol for the new MAtoN object. Should the mark be able to enhance safety of navigation, it depends on correct understanding by mariners, related to the use of the new symbol. This depends on the mariners understanding/recognizing the object, both visually (by eyes out the window) and by observing a proper symbol on corresponding paperchart/ECDIS.

Similarly, a new symbol is needed to be developed for MAtoN AIS information on radar/ECDIS.

## Purpose of the document

This document is a first “mock-up/proposal” on a dedicated symbol for MAtoN.

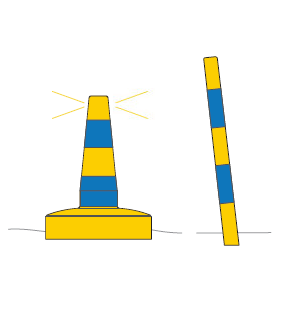
NCA have used the same colors as for EWMB (figure 1), light is suggested to be yellow (character TBD). This way we are not introducing new colors to the MBS. EWMB and MAtoN will be in the same “family”, mariners will need to memorize the marks (who is who...), same is needed with north/south cardinal mark (as example).

Whether the mark should have topmark or not, should be discussed during ARM meetings. If the mark is used for marking drifting wreckage/ hurricane debris, one can assume a probability that the marks are lost, and one should consider steps to keep the cost on the marks as low as possible.

For objects with low profile/partly submerged (previous example from Netherlands in the Pacific Ocean) visual observation might primarily be undertaken from the air. These objects could have in addition a mark painted on, like a circular symbol (figure 2).

Note: colors on the floating figure 1 are correct RAL codes, figure 2 is my personal drawing.

NCA have ordered a LED lantern (SABIK), and will conduct field test once we receives delivery of the lantern. The lantern is ordered with the proposed flash character from ARM8. If things goes according to plan, this should be conducted before ARM9.



1. Floating MAtoN
2. Circular MAtoN

# Action requested of the Committee

The Committee is requested to discuss and review the proposed symbols.

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