

# RECOMMENDATION

R1016

## MOBILE MARINE AIDS TO NAVIGATION (MAtoN)

**Edition 2.0**

**December 2020**



# DOCUMENT HISTORY

---

Revisions to this IALA document are to be noted in the table prior to the issue of a revised document.

Date	Details	Requirement for revision
December 2017	1 <sup>st</sup> issue, Council 65	-
December 2020	Communication with other authorities when deploying a MAtoN.	Update to information

DRAFT

# THE COUNCIL

## **RECALLING:**

The function of IALA with respect to safety of navigation, the efficiency of maritime transport and the protection of the environment.

Article 8 of the IALA Constitution regarding the authority, duties, and functions of the Council.

**RECALLING** also the Nairobi International Convention on the Removal of Wrecks and other special purposes on maritime events.

**RECOGNISING** the advancements in global technologies and that there is a need to develop a recommendation for IALA members, including guidance, on the marking of Mobile Aids to Navigation (MAtoN), taking into account other existing IALA guidance.

**CONSIDERING** the proposals of the IALA Aids to Navigation Requirements and Management Committee,

**ADOPTS** Recommendation R1016 on Mobile Aids to Navigation (MAtoN),

## **RECOMMENDS:**

- 1 IALA members and authorities to use MAtoN, in accordance with the appropriate risk assessment, when the occurrence/event to be marked/identified is drifting or otherwise moving at sea.
- 2 IALA members and relevant authorities to liaise and cooperate with VTS authorities before a MAtoN is deployed in a VTS area.

**INVITES** Members and Marine Aids to Navigation authorities worldwide to implement the provisions of the Recommendation,

**REQUESTS** the IALA Aids to Navigation Requirements and Management Committee or such other committee as the Council may direct to keep the Recommendation under review and to propose amendments, as necessary.

## 1 DEFINITION

A MAtoN is defined as a non-fixed or un-moored Aid to Navigation (AtoN); it does not include a fixed or moored buoy that is adrift from station, temporarily or otherwise.

A MAtoN can be fitted with an Automatic Identification System (AIS) device transmitting message 21.

*Note: MAtoN should not be used for unmanned vessel applications. The lights exhibited by these vessels should comply with COLREGS, or other Competent Authority regulations.*

## 2 TYPICAL USES

The use of MAtoN should be strictly controlled, authorised by a competent authority and only used when risk assessment has determined the requirement and benefit.

MAtoN may be used, but not limited to, for following moving/drifted applications:

- Ocean Data Acquisition System (ODAS) (e.g. to gather data on currents and weather)
- Wreckage (e.g. containers, debris)
- Water quality and pollution monitoring equipment
- Dynamic guard zones and convoys
- Underwater operations
- Enhancing navigational safety during military operations (e.g. no sail zones during minesweeping, target exercises areas)
- Towed and deployed applications (e.g. cable laying).
- Search & Rescue applications
- Special events (e.g. swimming competitions)

## 3 TYPE OF MOBILE AtoN

There are two types of MAtoN that can be used depending on the task and the area involved.

### **Mobile AtoN:**

- Physical
- Virtual

Competent authorities should address or implement the best solution based on their own risk assessment.

## 4 MONITORING AND REPORTING

Authorities need to take special care with position monitoring and integrity, as it pertains to drifting hazards and obstructions.

The broadcast of Maritime Safety Information is essential in the use and reporting of MAtoN.

An authority or owner losing the ability to monitor the MAtoN that it has deployed, nonetheless retains responsibility until either it is retrieved, sinks or the responsibility is assumed by another authority.