

## **Review and amendment of IALA Guideline 1058**

### **Issue:**

The current version of the guideline is targeting AtoN managers, providers and users at high level addressing design and planning of AtoN placement by use of various simulator tools. This guideline is mainly looking at the big picture from a safety, efficiency and cost benefit point of view.

AtoN designers, developers and researchers are expressing a need to go deeper into how simulation can be more specifically used for:

- R&D work related to the development, validation and test of lights and marks to be used during day and night.
- For example - Comparison of individual light sources.

Fulfilling this need is making demands on the simulators in terms of the capability to simulate certain features.

### **Objective**

- 1) To provide high level guidance on the use of simulation as a tool for waterway design and AtoN planning. Guideline 1058 meets this objective
- 2) To provide specific guidance for AtoN designers, developers and researchers and AtoN Authorities, as users and purchasers, on demands to simulation tools for them to work with AtoN at Research & Development level. A new guideline (1058 B ???)

### **Task**

To review and revise the current Guideline 1058. Acknowledge receipt and take into consideration comments from the Netherlands (ANM15/12/9).

To produce additional guidance to meet objective 2 (1058 B ???)

### **Decisions**

Shall a new guideline be produced as a separate document or to be included as part of the existing Guideline 1058?

### **Timeframe**

The existing Guideline 1058 to be revised within 2 sessions.

The new guideline is to be produced within 5-6 sessions. This work includes a user need analysis and members of the ANM and EEP Committees should initially be asked if there are specific applications that are relevant to study and document under this task.