

Navigation Lights User Guide

The information shown is based on the International Regulations Preventing Collisions at Sea 1972 (IMO).
(No responsibility is accepted for any errors or omissions in information given.)

Sailing vessels less than 20 m L.O.A. (*may also be performed)



1 Tricolor sailing light



- * 1 All-round red
- * 1 All-round green
- 1 Port
- 1 Starboard
- 1 Stern



- * 1 All-round red
- * 1 All-round green
- 1 Bicolour side lantern
- 1 Stern

Sailing vessels more than 20 m L.O.A.



- * 1 All-round red
- * 1 All-round green
- 1 Port
- 1 Starboard
- 1 Stern

Powercraft underway, less than 7 m L.O.A. max. speed 7 knots including yacht under power



1 All-round white

Powercraft underway, less than 20 m L.O.A.



- 1 Masthead
- 1 Port
- 1 Starboard
- 1 Stern



- 1 Masthead
- 1 Bicolour
- 1 Stern

Powercraft underway, less than 12 m L.O.A. when masthead and stern can't be mounted. Motor driven vessels 12 m up to 20 m L.O.A.



- 1 All-round white
- 1 Bicolour



- 1 All-round white
- 1 Port
- 1 Starboard

Motor driven vessels 12 m up to 20 m L.O.A.



- 1 Masthead
- 1 Bicolour
- 1 Stern



- 1 Masthead
- 1 Port
- 1 Starboard
- 1 Stern



- 1 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

Motor driven and sailing boats restricted in manoeuvrability more than 12 m LOA



- In addition to prescribed navigation light:
- 2 All-round red
 - 1 All-round white

Motor driven and sailing boats at anchor, aground or at pier

Less than 50 m



1 All-round white

From 12 m aground



- 1 All-round white
- 2 All-round red in vertical line

Less than 50 m at pier



- 1 All-round white showing out on boardside

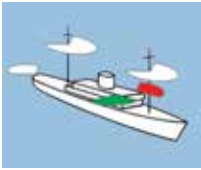
Motor driven and sailing boats not under command more than 12 m L.O.A.



- In addition to starboard, port and stern lights:
- 2 All-round red in vertical line

Vessels up to 50 m in length (vessels less than 50 m in length only need 1 masthead and 1 anchor light)

under way



- 2 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

not under command



- 2 All-round red

restricted in manoeuvrability



- 2 Masthead
- 1 Port
- 1 Starboard
- 2 All-round red
- 1 All-round white
- 1 Stern

at anchor



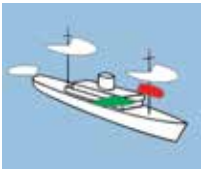
- 2 All-round white

aground



- 2 All-round red
- 2 All-round white

Pilot vessels on duty



- 1 All-round white
- 1 All-round red
- 1 Port
- 1 Starboard
- 1 Stern

Police vessels on duty



- 1 Flashing light
- 1 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

Motor driven vessels up to 12 m LOA



- 1 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

Fishing vessels on duty

under way



- 1 All-round green
- 1 All-round white
- 1 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

under way, no speed



- 1 All-round red
- 2 All-round white

Dredging and underwater work

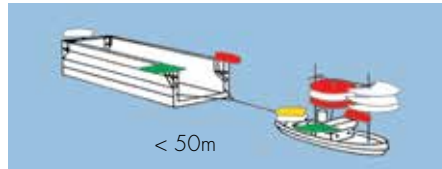


- 4 All-round red
- 1 All-round white
- 2 All-round green



- 4 All-round red
- 2 All-round green
- 1 All-round white
- 2 Masthead
- 1 Port
- 1 Starboard

Towing and pushing vessels in operation



- 3 Masthead
- 2 All-round red
- 1 All-round white
- 2 Port
- 2 Starboard
- 2 Stern
- 1 Stern yellow

Floating accessories



- 1 All-round white

Vessels restricted by their draught



- 3 All-round red
- 2 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

Mine sweeping vessels



- 3 All-round Green
- 2 Masthead
- 1 Port
- 1 Starboard
- 1 Stern

The LED Navigation Lights are equipped with an automated control system which becomes effective automatically after 20,000 runtime hours, so as to rule out possible failure. The age of the lights is easily detected by the crew from the blinking signals it emits when it is switched on. The automated control system conforms to the latest BSH regulations.

Runtime sample calculation:

20,000 hours runtime by an action time of 8 hours over 120 days, will amount to a runtime of more than 20 years.