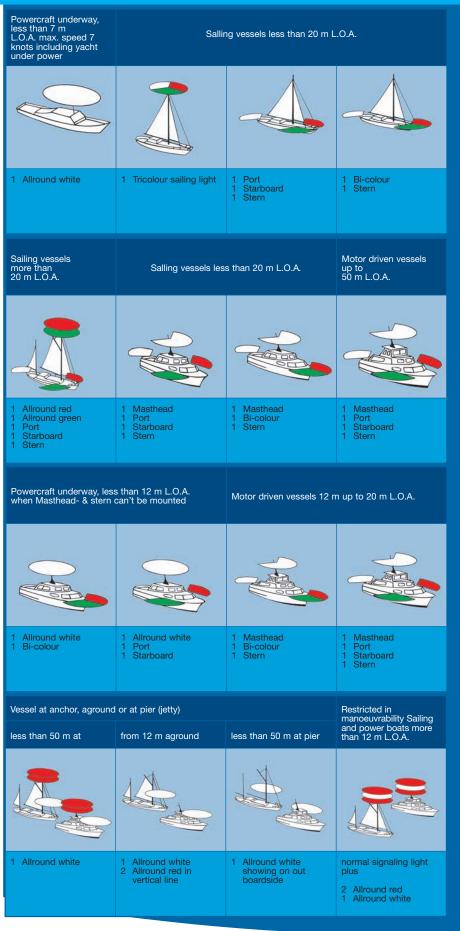
aqua signal Navigation Lights Users Guide

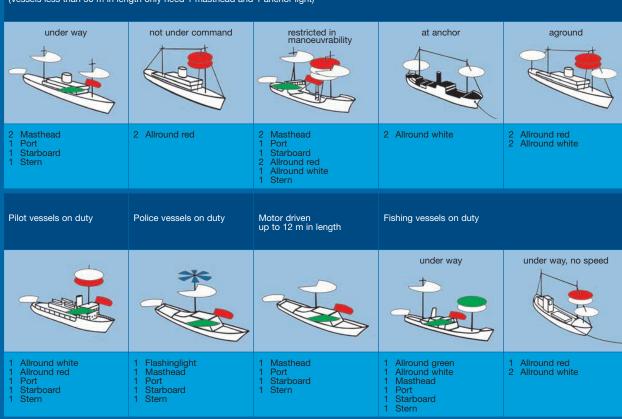
Navigation Lights User Guide

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.)



Vessels of more than 50 m in length (Vessels less than 50 m in length only need 1 masthead and 1 anchor light)



Dredging and underwater works

Towing and pushing vessels under

Floating accessories

Vessels restricted by their draught



Allround red Allround white Allround green



- Allround red
- Allround green Allround white Masthead Port Starboard
- Masthead Allround red Allround white Port / Backbord
- Starboard Stern Stern yellow



1 Allround white



- Allround red
- Masthead Port Starboard Stern

Not under command Sailing and power boats more than 12 m L.O.A.

Mine - sweeping vessels



- 4 normal signaling light plus
- 2 Allround red in vertical line



- Allround green Masthead Port Starboard Stern



Visibility requirements

Required visibility in nautical miles									
Type of navigation light	Angle	Type of boat/vessel	BOATS < 12m / 39ft	BOATS < 20m / 65ft	BOATS < 50m / 164ft	BOATS > 50m / 164ft			
STAR- BOARD	112,5°	sailing and power driven	1 nm	2 nm	2 nm	3 nm			
PORT	112,5°	sailing and power driven	1 nm	2 nm	2 nm	3 nm			
STERN	135°	sailing and power driven	2 nm	2 nm	2 nm	3 nm			
MASTHEAD	225°	power driven only!	2 nm	3 nm	5 nm	6 nm			
ALL- ROUND	360°	sailing and power driven	2 nm	2 nm	2 nm	3 nm			
BICOLOUR	112,5°/112,5°	sailing and power driven	1 nm	2 nm					
TRICO- LOUR	112,5°/112,5°/ 135°	sailing only!	1-2 nm	2 nm					

Visibility of aqua signal navigation lights in nautical miles									
Type of navigation light	Angle	Type of boat/vessel	Series 20, 25	Series 32, 40, 41, 42, 50	Series 55	Series 70, 70M, 70D			
STAR- BOARD	112,5°	sailing and power driven	1 nm	2 nm	2 nm	3 nm			
PORT	112,5°	sailing and power driven	1 nm	2 nm	2 nm	3 nm			
STERN	135°	sailing and power driven	2 nm	2 nm	2 nm	3 nm			
MASTHEAD	225°	power driven only!	2 nm	3 nm	5 nm	6 nm			
ALL- ROUND	360°	sailing and power driven	2 nm	2 nm	2 nm	3 nm			
BICOLOUR	112,5°/112,5°	sailing and power driven	1 nm	2 nm					
TRICO- LOUR	112,5°/112,5°/ 135°	sailing only!	1-2 nm	2 nm					

Please refer to the table above to see what the definition of the IMO COLLREGS 1972 is with regards to the relation between the requested visibility per type of navigation light and the length and type of boat or vessel where applied.

In example: According to IMO COLREGS 1972 aqua signal Series 32, 40, 41, 42, 50 can be used on boats < 50m / 164ft with only one exception which is the Masthead light since this one has to have 5 nm visibility instead of 3 nm.

For regulations in various countries please refer to the detailed approval list in this catalogue

