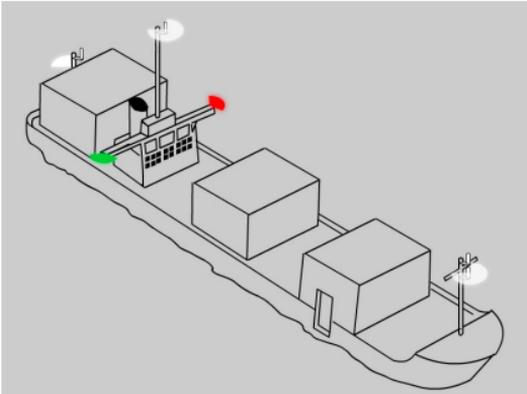


Navigation Lights 164.1' and greater

Links to applicable regulations

- [Nav Rule 23](#) – Light configuration
- [Nav Rule 20](#) – When required
- [Nav Rule 21](#) – Light definitions
- [Nav Rule 22](#) – Visibility standards
- [Nav Rule 30](#) – Anchor light(s)
- [Annex I 2.](#) – Vertical positioning
- [Annex I 3.](#) – Horizontal positioning
- [Annex I 5.](#) – Screens for sidelights

Checklist for this item

1	Check to ensure all lights are operable.
2	<p>LIGHTING CONFIGURATIONS:</p> <p>Check to ensure your vessel has the proper light configuration.</p> <p>RUNNING LIGHTS:</p> <p>This vessel is required to have sidelights, a masthead light forward, a second masthead light abaft and higher than the forward masthead light and a stern light.</p>  <p>Sidelight Screens:</p> <p>The sidelights for this vessel must be fitted with inboard screens painted matt black.</p>  <p>Refer to Annex I 5.</p>

Navigation Lights 164.1' and greater

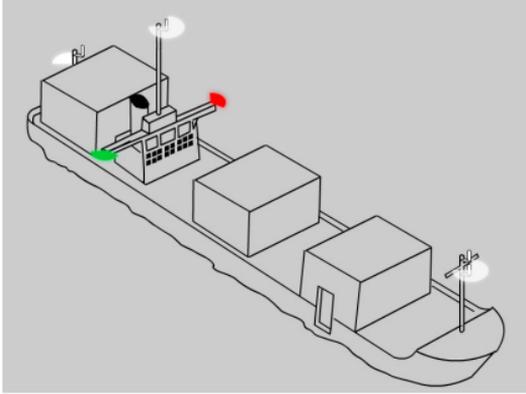
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Navigation Lights 164.1' and greater

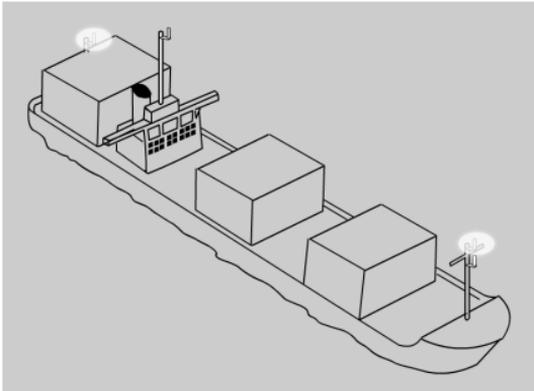
3

DISPLAYING OF LIGHTS

Making way or not, fishing or not..



Anchored vessel



Navigation Lights 164.1' and greater

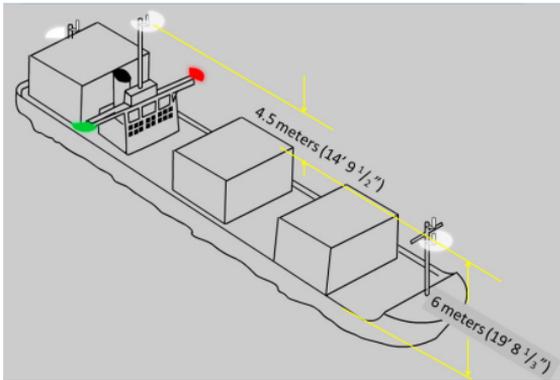
4

POSITIONING AND SPACING OF LIGHTS

Running Lights

The **forward masthead light** must be located at least 6 meters above the upper most continuous deck as measured directly below the light.

The **aft masthead light** must be located at least 4.5 meters higher than the forward masthead light.



Distance between the **two masthead lights** not less than $\frac{1}{2}$ the vessels length but need not be more than 100 meters (328' $1\frac{1}{6}$ ") (Annex I – 3(a)).

The **forward masthead light** must be located not more than $\frac{1}{4}$ the vessels length from the stem (Annex I – 3(a)).

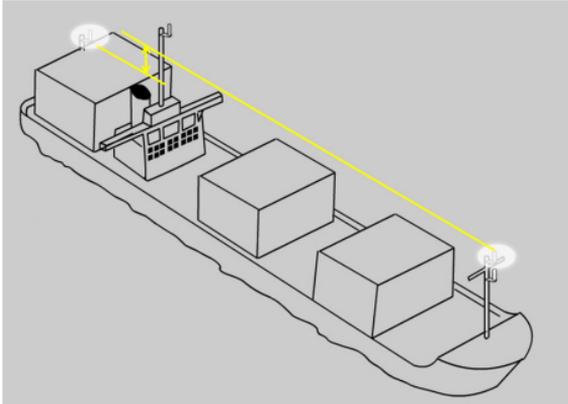
Sidelights must not be forward of forward masthead light, placed at or near side of the vessel (Annex I – 3(b)).

Sidelights shall be positioned at a height above the upper most continuous deck not greater than $\frac{3}{4}$ the height of the forward masthead light. They shall not be so low as to be interfered with the deck lights. (Annex I – 2(g)).

Navigation Lights 164.1' and greater

Anchor Lights.

The aft all-round white light must be located at or near the stern and lower than the forward all-round white light. (There is no specific distance specified).



- 5 NOTE: Light switches must be configured to energize lights separately as necessary to display the proper light configuration as required.

6 DEFINITIONS

“Sidelights” mean a green light on the starboard side and a red light on the port side each showing an unbroken light over an arc of the horizon of 112.5 degrees and so fixed as to show the light from right ahead to 22.5 degrees abaft the beam on its respective side. The sidelights may be combined in one lantern and shall be placed as nearly as practicable to the fore and aft centerline of the vessel.

“All-round light” means a light showing an unbroken light over an arc of the horizon of 360 degrees.

“Masthead light” means a white light placed as nearly as practicable to the fore and aft centerline of the vessel showing an unbroken light over an arc of the horizon of 225 degrees and so fixed as to show the light from right ahead to 22.5 degrees abaft the beam on either side of the vessel.

“Sternlight” means a white light placed as nearly as practicable at the stern showing an unbroken light over an arc of the horizon of 135 degrees and so fixed as to show the light 67.5 degrees from light aft on each side of the vessel.

Navigation Lights 164.1' and greater

Voyage Termination Warning

Your vessels voyage can be terminated for failing to have correct and operational navigation lights during sunset and sunrise or during periods of restricted visibility.
