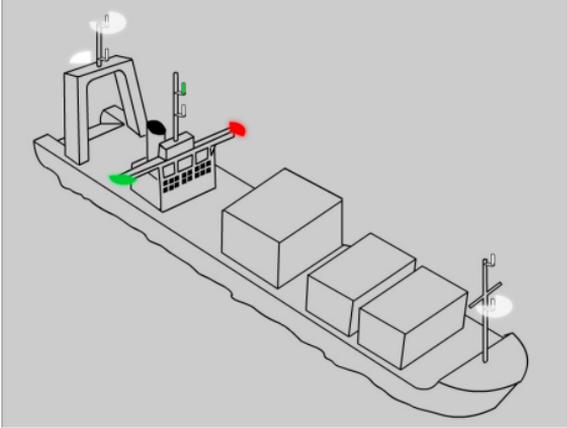


## Navigation Lights 164.1' and greater (Trawler)

### 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

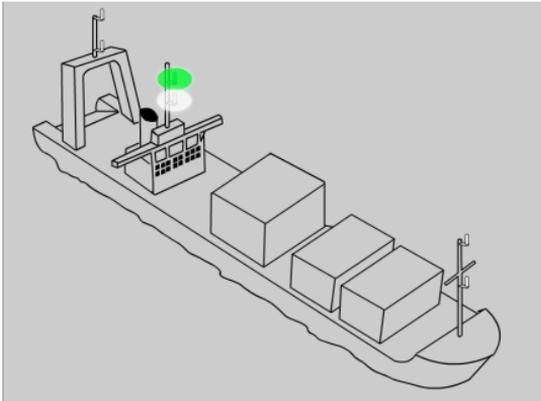
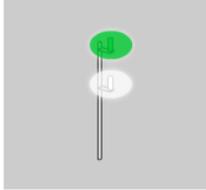
### Checklist for this item

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

## Navigation Lights 164.1' and greater (Trawler)

### Trawl Lights:

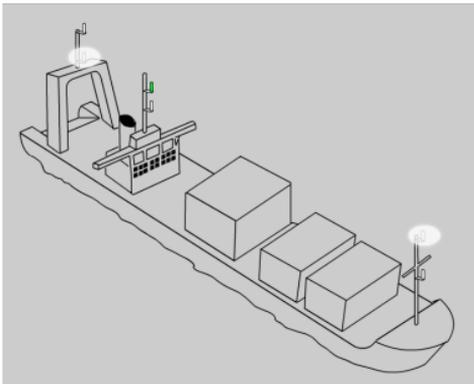
In addition to the above navigation “running lights” your vessel must also display “trawl lights” consisting of an all-round green over all-round white light when fishing.



*Note: The trawl lights must be in a vertical line with each other.*

### Anchor Lights:

An all round white light located on the forward part of the vessel and an all-round white light located at or near the stern and at a lower level than the forward light.

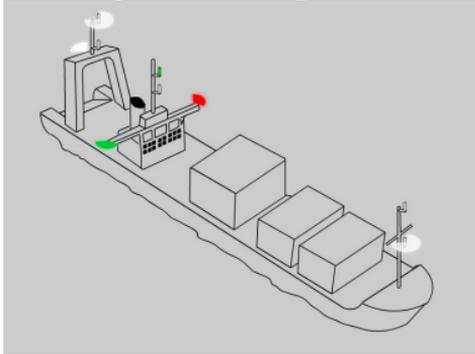


## Navigation Lights 164.1' and greater (Trawler)

3

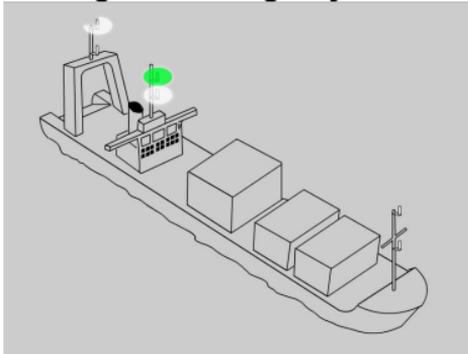
### DISPLAYING OF LIGHTS

#### Underway not trawling



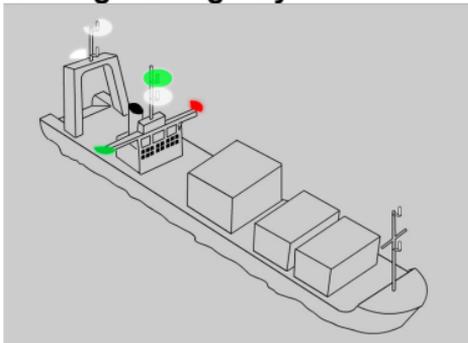
*The trawling lights are not illuminated.*

#### Trawling not making way



*The trawling lights and a masthead light abaft and higher than the all-round green light are illuminated.*

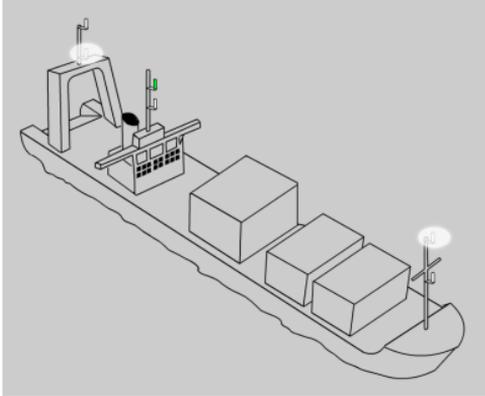
#### Trawling making way



*The trawling lights a masthead light abaft and higher than the all-round green light as well as the side lights and stern light are illuminated.*

## Navigation Lights 164.1' and greater (Trawler)

### Anchored vessel



*Only an all-round white lights are illuminated.*

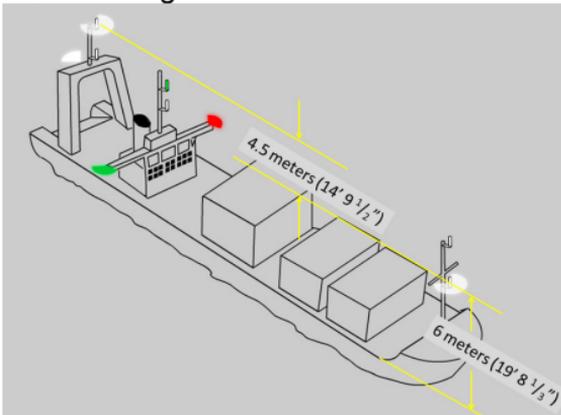
4

### POSITIONING AND SPACING OF LIGHTS

#### Running lights

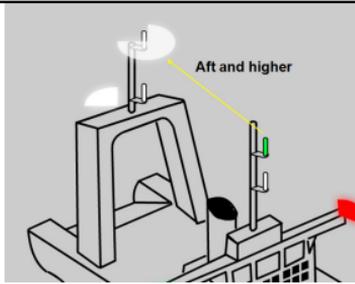
The **forward masthead light** must be located at least 6 meters above the upper most continuous deck as measured directly below the light.

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



and be located aft and higher than the upper all round green light of the "trawling lights".

## Navigation Lights 164.1' and greater (Trawler)



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)).

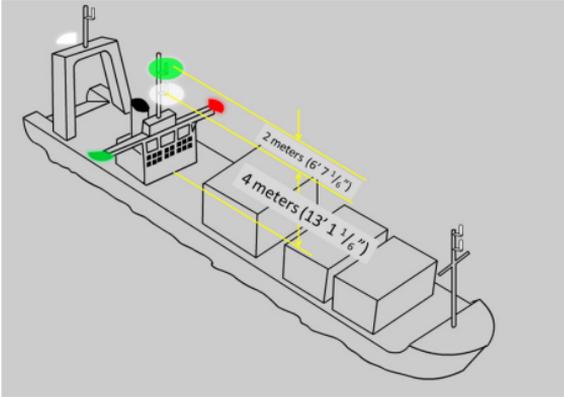
**Sidelights** shall be positioned at a height above the upper most continuous deck not greater than  $\frac{3}{4}$  the height of the forward masthead light. They shall not be so low as to be interfered with the deck lights. (Annex I – 2(g)).

## Navigation Lights 164.1' and greater (Trawler)

### Trawling lights.

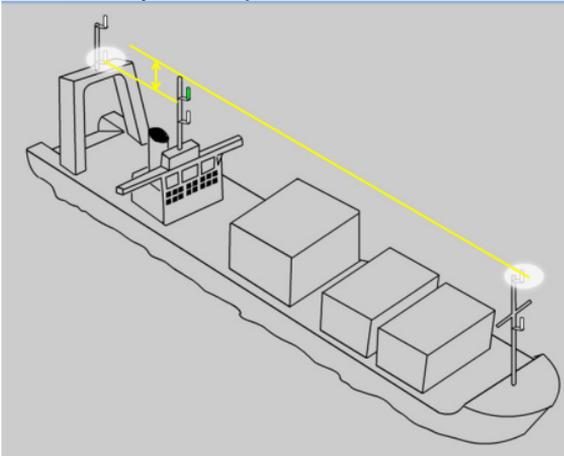
The distance between the all-round green and all-round white light must be at least 2 meters apart in a vertical line.

The lower of the two all-round lights prescribed must be at a height of not less than 4 meters above the upper most continuous deck.



### 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).



**Navigation Lights 164.1' and greater  
(Trawler)**

5	NOTE: Light switches must be configured to energize lights separately as necessary to display the proper light configuration as required.
6	<b>DEFINITIONS</b>  <div style="border: 1px solid black; padding: 5px;"><p>“<b>Sidelights</b>” 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.</p></div> <div style="border: 1px solid black; padding: 5px;"><p>“<b>All-round light</b>” means a light showing an unbroken light over an arc of the horizon of 360 degrees.</p></div> <div style="border: 1px solid black; padding: 5px;"><p>“<b>Masthead light</b>” 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.</p></div> <div style="border: 1px solid black; padding: 5px;"><p>“<b>Sternlight</b>” 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.</p></div>

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**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.

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