

# Rule 21 - Definitions

- (a) "Masthead light" means a white light placed over the fore and aft centreline 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.
- (b) "Sidelights" means 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. In a vessel of less than 20 metres in length the sidelights may be combined in one lantern carried on the fore and aft centreline of the vessel.
- (c) "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 degree and so fixed as to show the light 67.5 degrees from right aft on each side of the vessel.

# Rule 21 - Definitions

- (d) "Towing light" means a yellow light having the same characteristics as the "sternlight" defined in paragraph (c) of this Rule.
- (e) "All-round light" means a light showing an unbroken light over an arc of the horizon of 360 degrees.
- (f) "Flashing light" means a light flashing at regular intervals at a frequency of 120 flashes or more per minute.

# Rule 21 - Definitions

## Masthead light Rule 21 (a)

- White light
- On fore and aft centre line
- Showing an unbroken light
- Over  $225^{\circ}$
- From right ahead to  $22^{\circ}.5$  abaft the beam
- On either side of vessel (each side  $112^{\circ}.5$ )
- Above and clear of all other lights and superstructures

# Rule 21 - Definitions

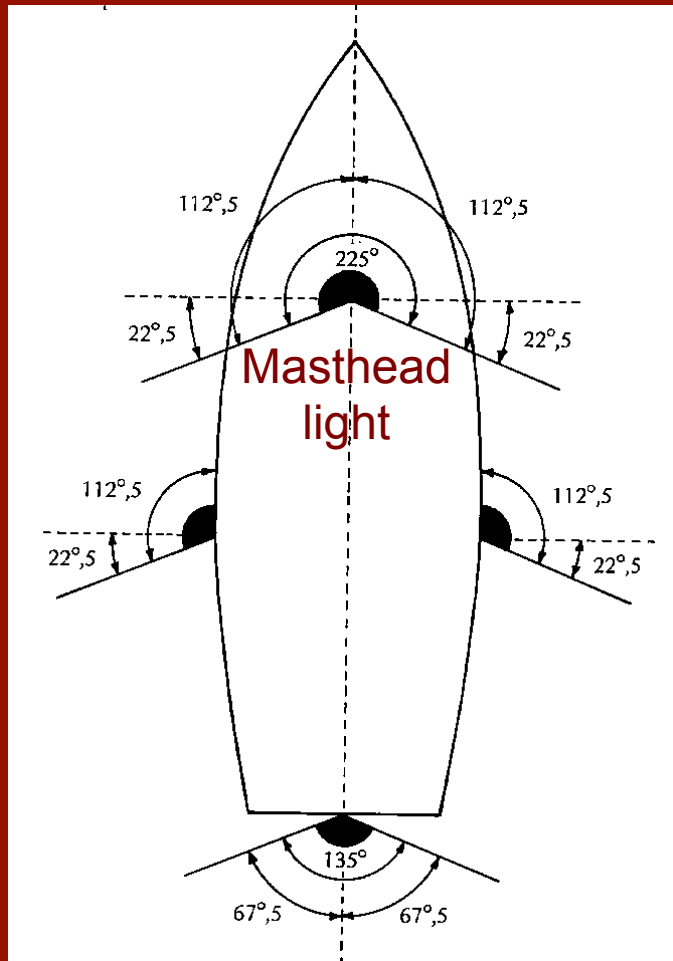
**Masthead light**      Rule 21 (a)



# Rule 21 - Definitions

## Masthead light

Rule 21 (a)

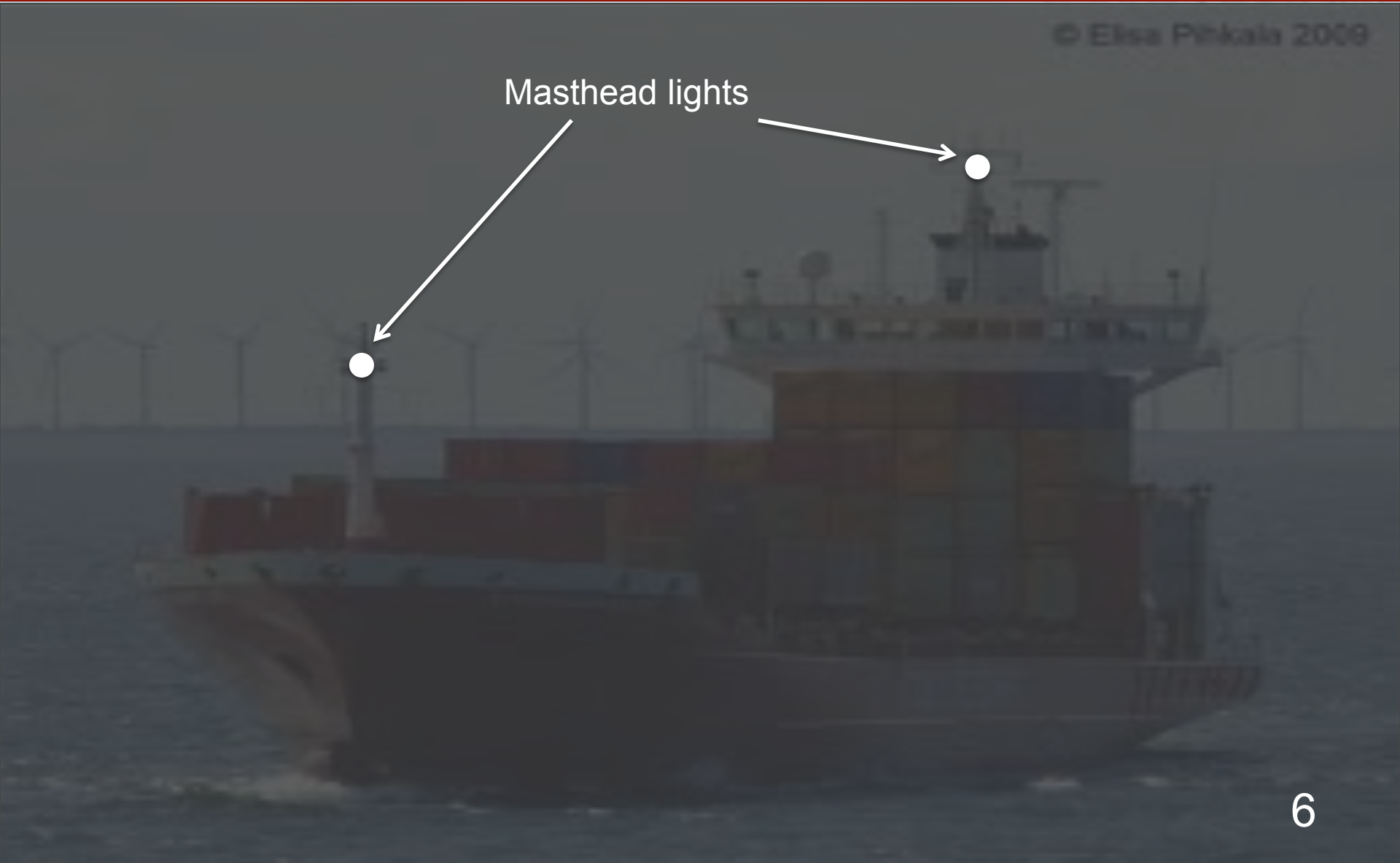


Masthead lights



# Rule 21 - Definitions

## Masthead light Rule 21 (a)



# Rule 21 - Definitions

## Sidelights Rule 21 (b)

- Green light on starboard side
- Red light on port side
- Showing an unbroken light
- Over  $112^{\circ}.5$
- From right ahead to  $22^{\circ}.5$  abaft the beam
- At or near the side of the vessel

## Vessels less than 20 metres

- A combined lantern (instead of sidelights)
- On fore and aft centreline

# Rule 21 - Definitions

## Sidelights

Rule 21 (b)

Starboard sidelight



Port sidelight

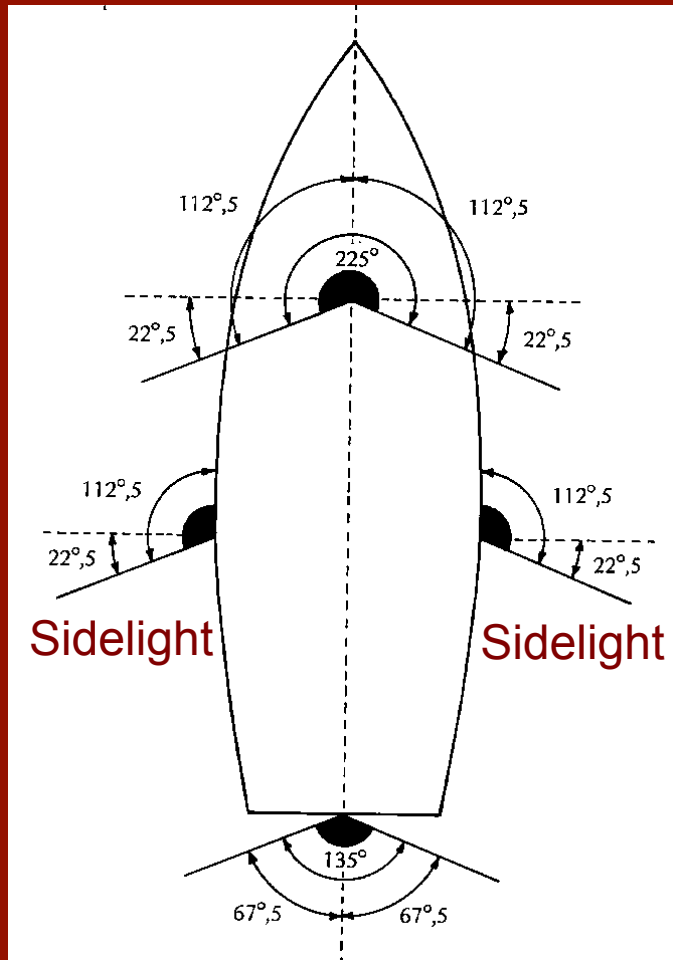




# Rule 21 - Definitions

## Sidelights

Rule 21 (b)



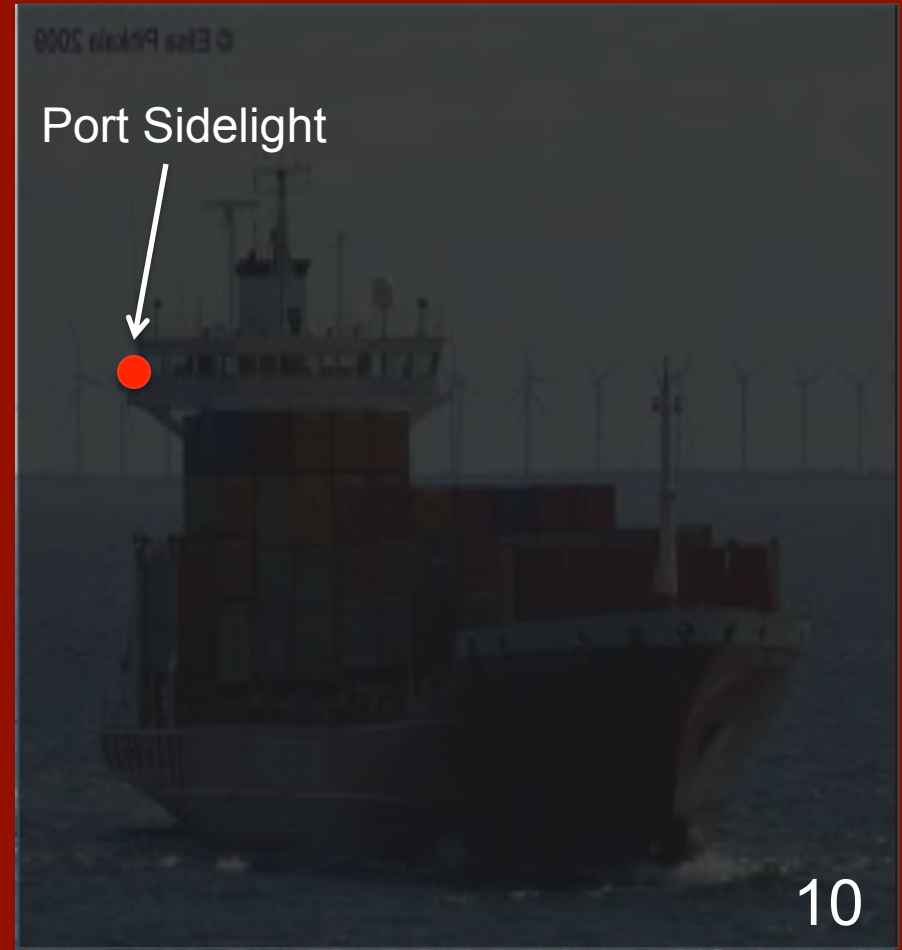
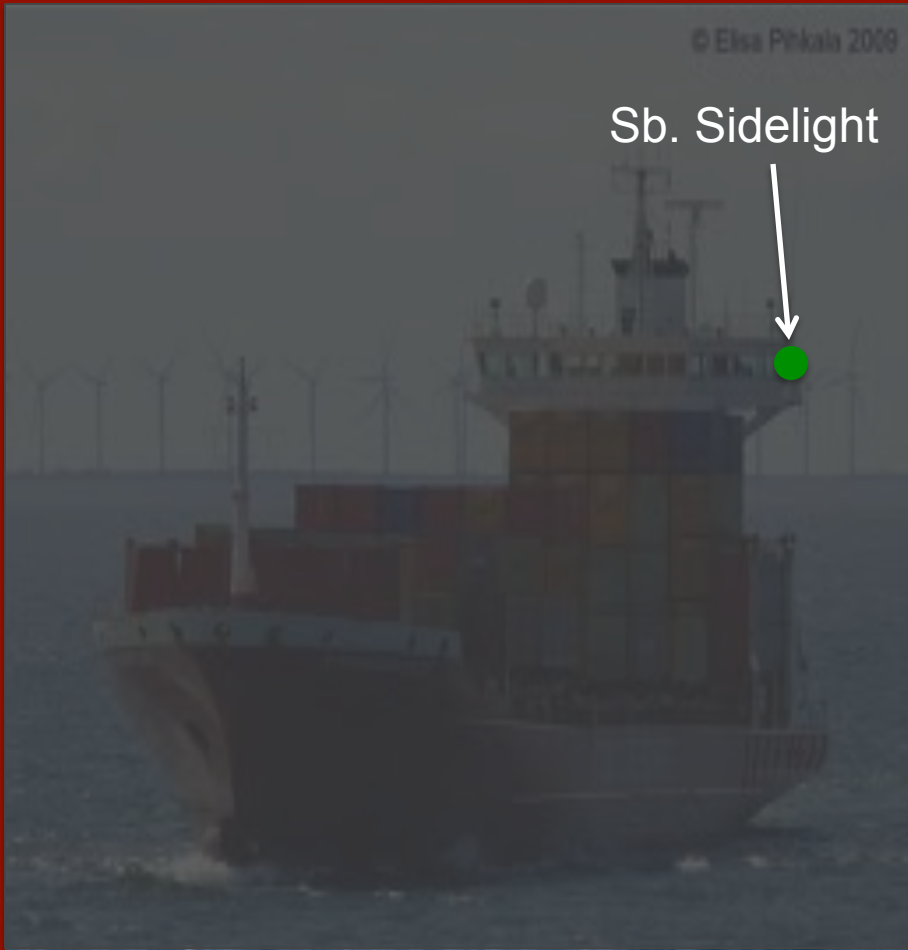
## Sidelights



# Rule 21 - Definitions

## Sidelights

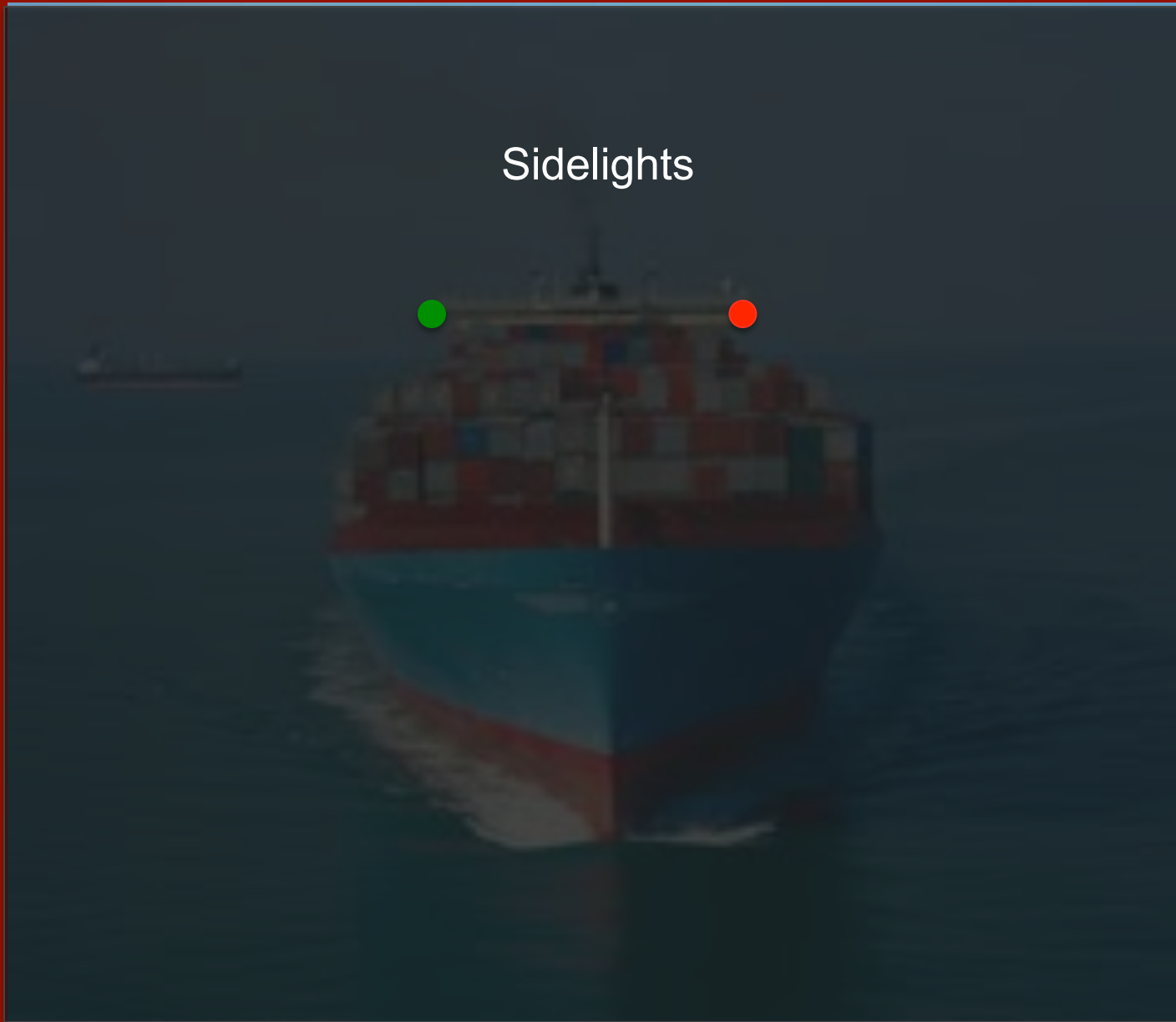
Rule 21 (b)



# Rule 21 - Definitions

## Sidelights

Rule 21 (b)



# Rule 21 - Definitions

## Sidelights

Rule 21 (b)



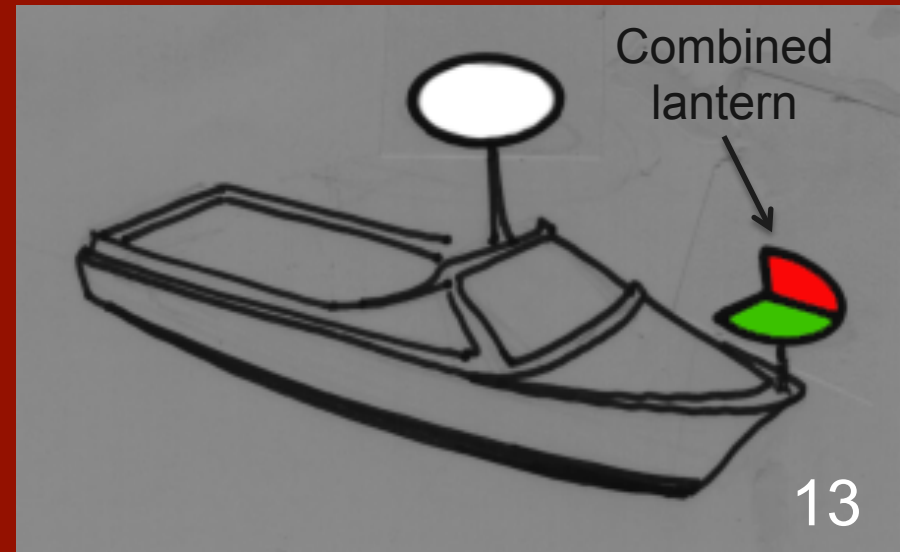
# Rule 21 - Definitions

## Combined lantern

Rule 21 (b)



Vessels of less than 20 metres in length may carry their sidelights in a combined lantern.



# Rule 21 - Definitions

## Sternlight and towing light

Rule 21 (c) and (d)

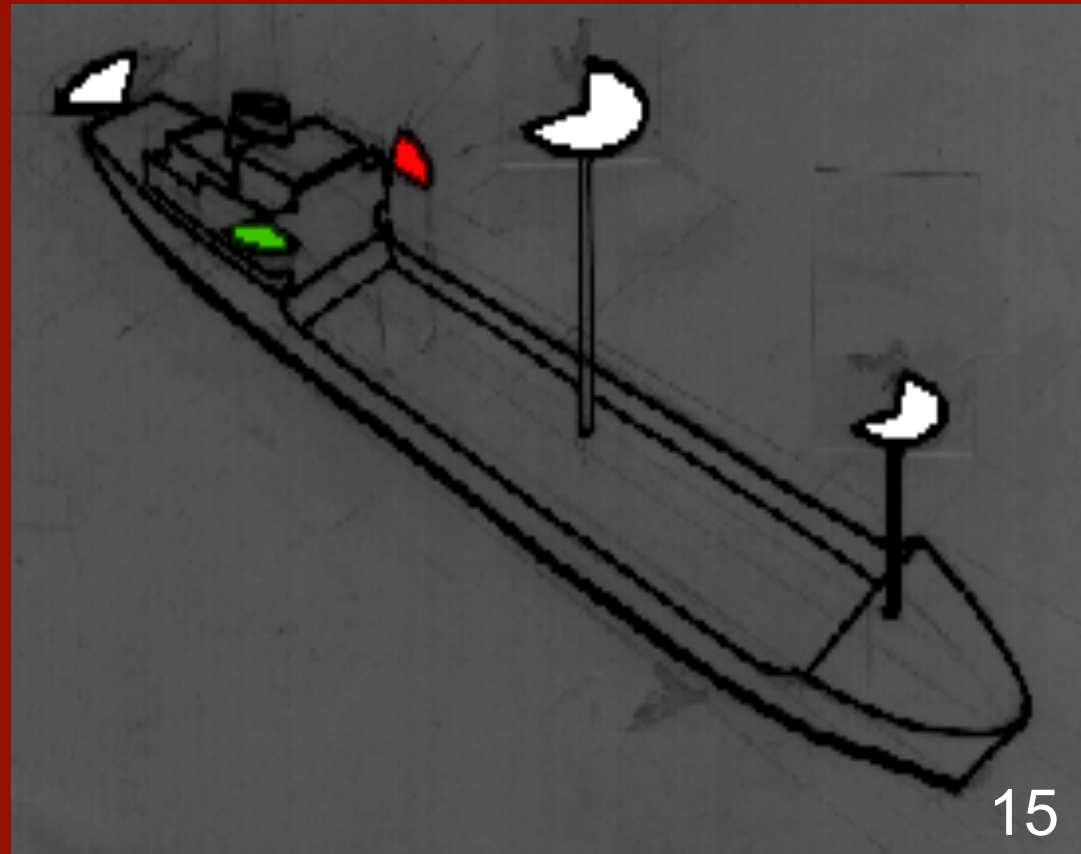
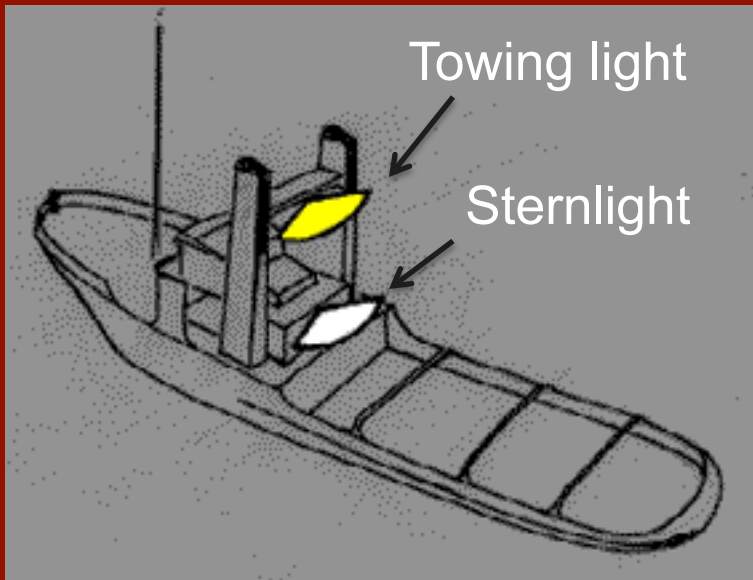
- Sternlight
  - White light
  - As near as practicable at the stern
  - Showing an unbroken light
  - Over  $135^\circ$
  - $67^\circ.5$  from right aft on each side
- Towing light
  - Same as sternlight but yellow

# Rule 21 - Definitions

## Sternlight

Rule 21 (c)

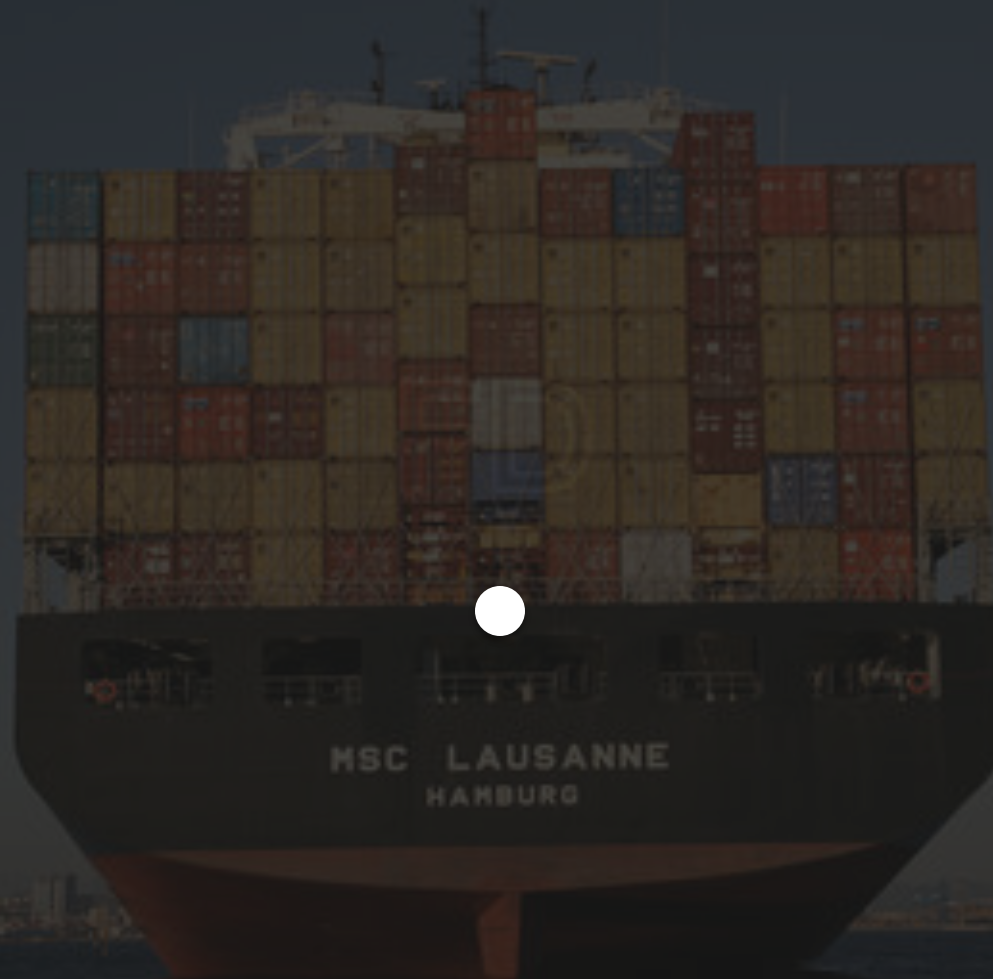
Sternlight



# Rule 21 - Definitions

Sternlight

Rule 21 (c)





# Rule 21 - Definitions

Sternlight

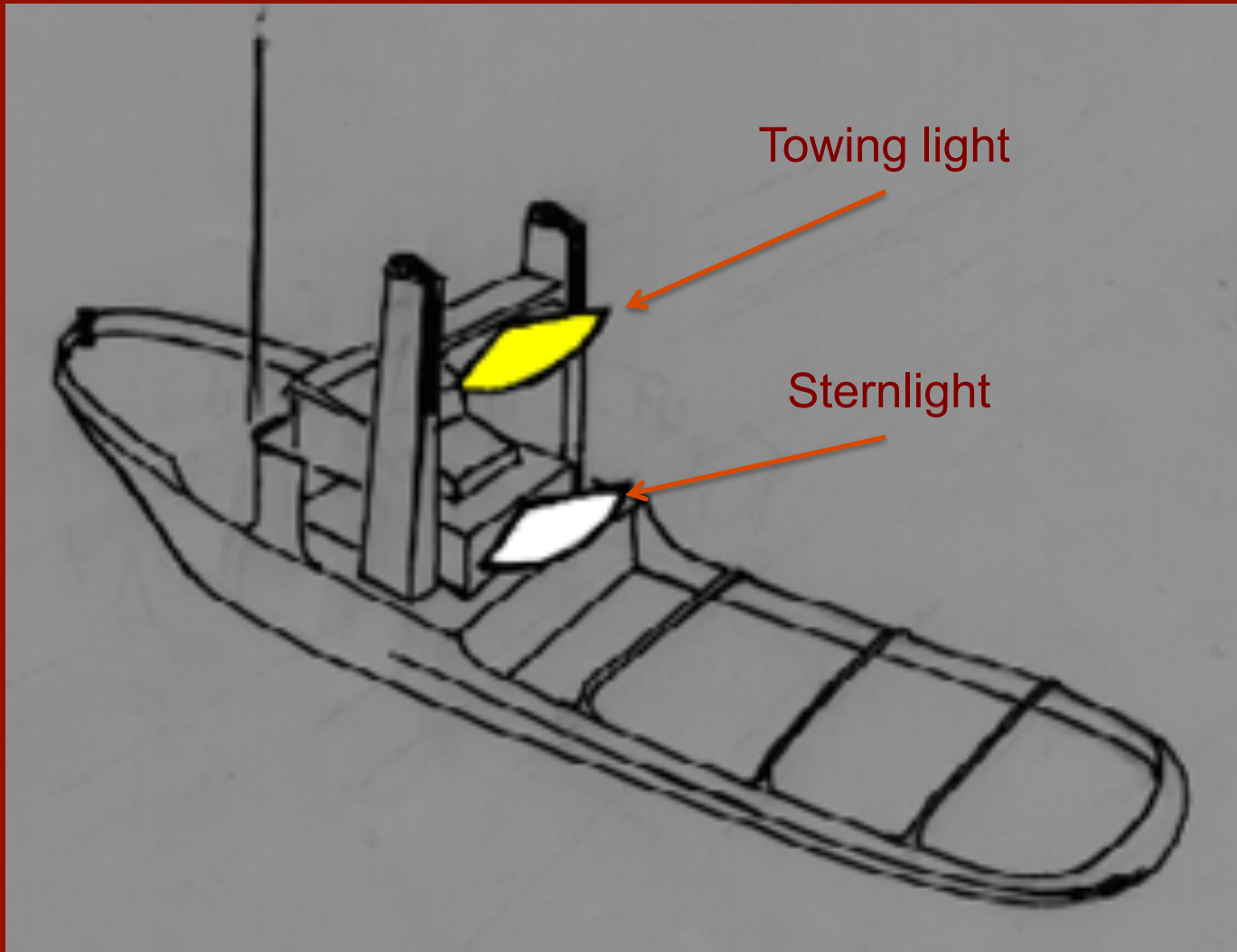
Rule 21 (c)



# Rule 21 - Definitions

Towing light

Rule 21 (d)

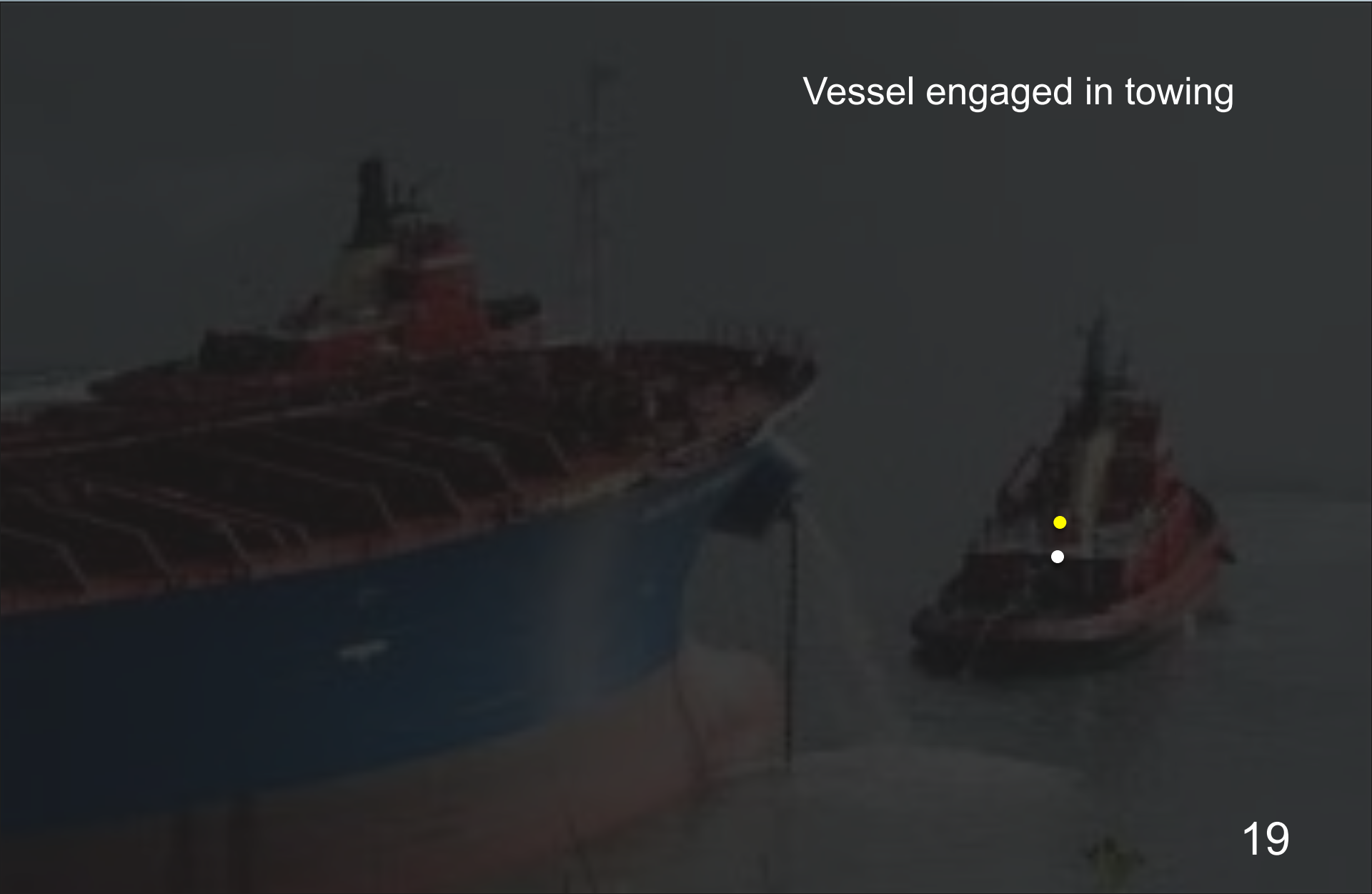


# Rule 21 - Definitions

Towing light

Rule 2(d)

Vessel engaged in towing



# Rule 21 - Definitions

## All-round light Rule 2(e)

- All-round light
  - Unbroken light
  - Over 360°

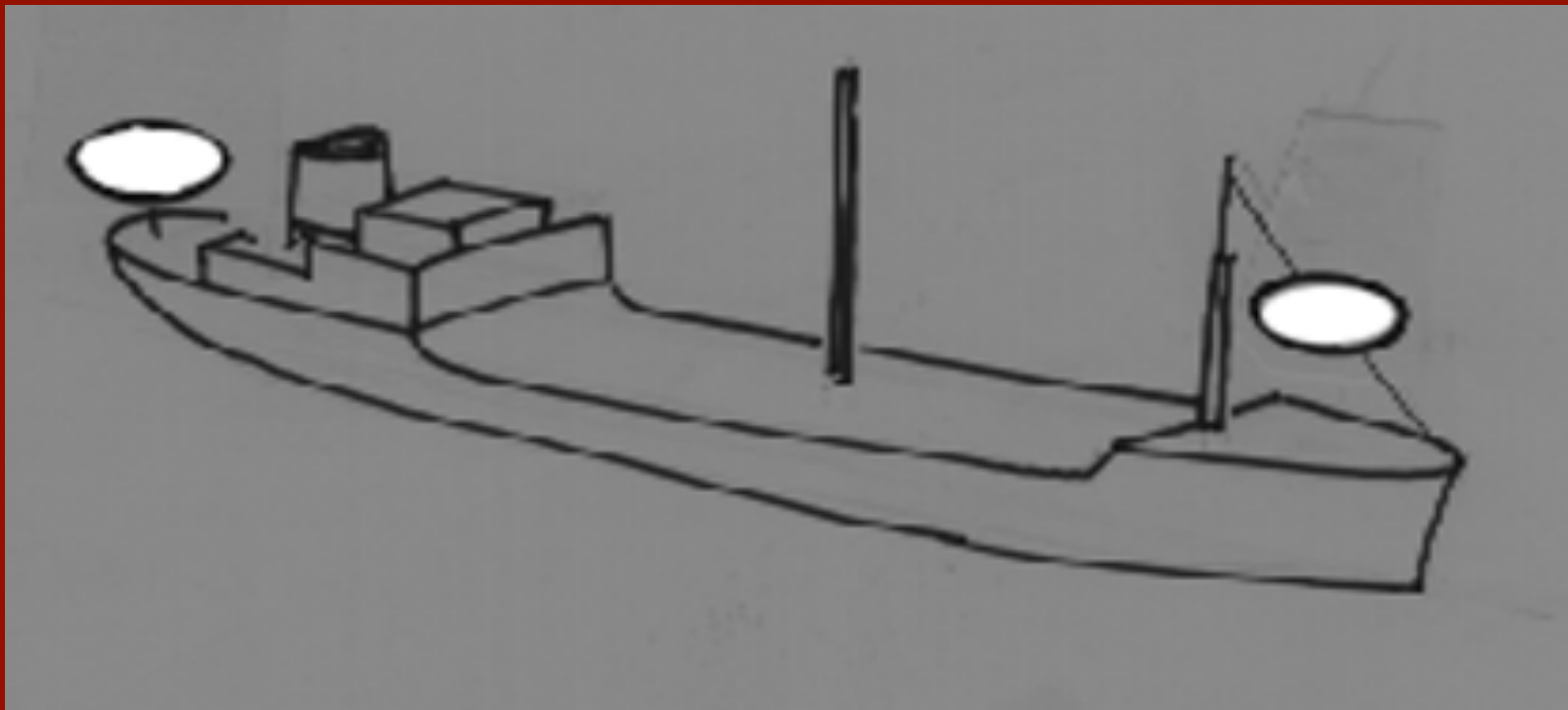


# Rule 21 - Definitions

## All-round light Rule 2(d)

All-round lights are usually shown by vessels engaged in particular operations like:

- Vessels not under command
- Vessels restricted in their ability to manoeuvre
- Vessels engaged in fishing
- Etc.



# Rule 21 - Definitions

## All-round light

Rule 2(d)

A vessel at anchor shows one or two all-round white lights



# Rule 21 - Definitions

## Flashing light Rule 2(f)

- Flashing light
  - Light flashing at regular intervals
  - At 120 flashes or more per minute

Flashing lights are carried by:

- Air-cushion vessels (Rule 23 (b))
- Purse-seine fishers (Annex II (3))
- WIG crafts (Rule 23 (c))

# Rule 21 - Definitions

## Flashing light

Rule 2(f)

Air-cushion vessels must show an additional yellow flashing light





# Rule 21 - Definitions

## Flashing light

Rule 2(f)



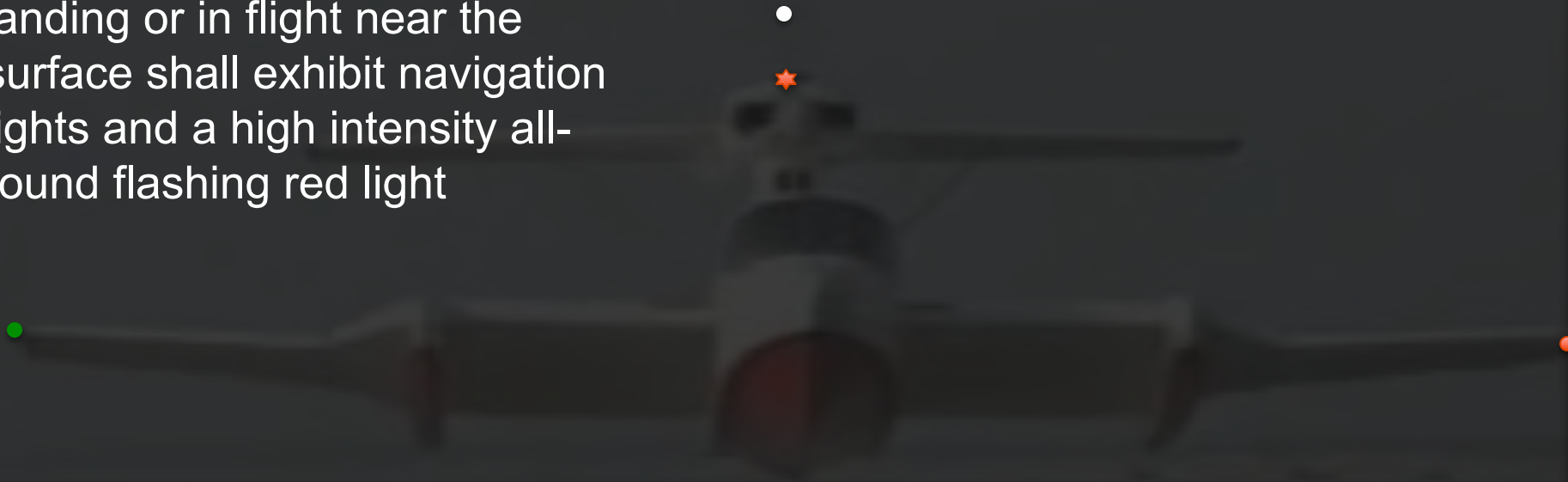
Purse-seiners hampered by their fishing gear may exhibit two alternately yellow flashing lights

# Rule 21 - Definitions

## Flashing light

Rule 2(f)

A WIG craft when taking off, landing or in flight near the surface shall exhibit navigation lights and a high intensity all-round flashing red light



# Rule 21 - Definitions

## Remarks

### Rule 2(f)

- Masthead lights or lights prescribed in Rule 23 (a) shall be so placed as to be above and clear of all other lights and obstructions except as described in subparagraph 2(f) (ii) of Annex I.
- Paragraph 7 of Annex I gives the requirements in relation to the colour of lights.
- Paragraphs 9 and 10 of Annex I cover all specifications in relation to the horizontal and vertical sectors of visibility of lights.
- Sidelights may for instance be visible in the forward direction between 1 and 3 degrees outside the prescribed sectors. For end-on vessels both sidelights are visible simultaneously.
- The sternlight, the masthead light and the sidelights may be visible up to 5 degrees abaft the beam. Some lights will consequently overlap themselves.
- Etc.