

# COLREGs with Lopolight Select

Your Complete Navigation Light Selection Tool

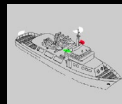
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The COLREGs with Lopolight Select is an interactive tool. The COLREGs are configured by vessel length and type. Simply locate the rule that matches your application, then select Individual part numbers for data sheets and drawing packages.

*COLREG is a abbreviation of the IMO Convention on the International Regulations for Preventing Collisions at Sea, 1972*



**RULE 23** PAGE. 01  
POWER-DRIVEN VESSELS UNDERWAY  
VESSELS OVER 50 METERS (COMMERCIAL USE)



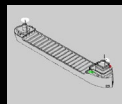
**RULE 23** PAGE. 02  
POWER-DRIVEN VESSELS UNDERWAY  
VESSELS OVER/UNDER 50 METERS (LEISURE USE)



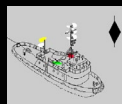
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VESSELS UNDER 50 METERS (COMMERCIAL USE)



**RULE 23** PAGE. 04  
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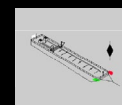
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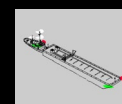
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VESSELS UNDER 50 METERS (COMMERCIAL USE)



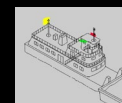
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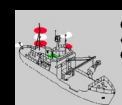
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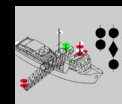
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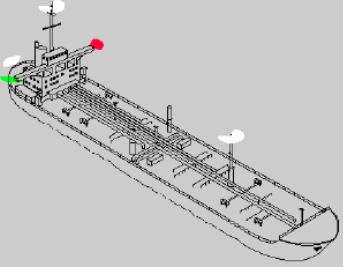




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## POWER-DRIVEN VESSELS UNDERWAY

Inland and International waters: Same COLREG Rules.

CERTIFICATES	
	 
	
<b>(a) A power-driven vessel underway shall exhibit:</b>	
(i)	A masthead light forward
(ii)	A second masthead light abaft of and higher than the forward one; Except that a vessel of less than 50 meters in length shall not be obliged to exhibit such light but may do so;
(iii)	Sidelights
(iv)	Sternlight





VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	3nm	-	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	-	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	-	<a href="#">301-105ST-PRO</a>	1
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	2

VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)
- For vessels under 20 meters the masthead light needs to be less intense (3nm visibility) [Read More](#)

## POWER-DRIVEN VESSELS UNDERWAY

Inland and International waters: Same COLREG Rules.





CERTIFICATES	
	
	

(a) A power-driven vessel underway shall exhibit:	
(i)	A masthead light forward
(ii)	A second masthead light abaft of and higher than the forward one; except that a vessel of less than 50 meters in length shall not be obliged to exhibit such light but may do so;
(iii)	Sidelights
(iv)	Sternlight

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available as White Series. [Read More](#)
- Housing option in Black.

### VESSELS OVER 50 METERS (LEISURE USE)

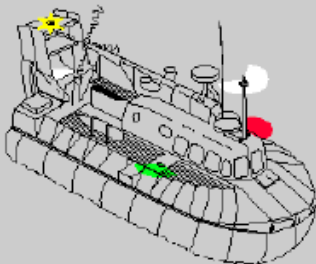
	Light type	NM	Single	Double	Quantity
	Starboard	3nm	-	<a href="#">301-108ST</a>	1
	Port	3nm	-	<a href="#">301-109ST</a>	1
	Stern	3nm	-	<a href="#">301-105ST</a>	1
	Masthead	6nm	-	<a href="#">300-138</a>	2





### VESSELS UNDER 50 METERS (LEISURE USE)

	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-001/301-008</a>	<a href="#">301-001ST/301-008ST</a>	1
	Port	2nm	<a href="#">301-002/301-009</a>	<a href="#">301-002ST/301-009ST</a>	1
	Stern	2nm	<a href="#">301-006/301-005</a>	<a href="#">301-006ST/301-005ST</a>	1
	Masthead	5nm	<a href="#">301-011KL</a>	<a href="#">301-011KLST</a>	1

## AIR-CUSHION VESSEL WHEN OPERATING IN THE NONDISPLACEMENT MODE.






International waters



CERTIFICATES	
	
	

**(b) Operating "nondisplacement"**

(b) An air-cushion vessel when operating in the nondisplacement mode shall, in addition to the lights prescribed in paragraph (a) of this Rule, exhibit an all-round flashing yellow light, *where it can best be seen*.

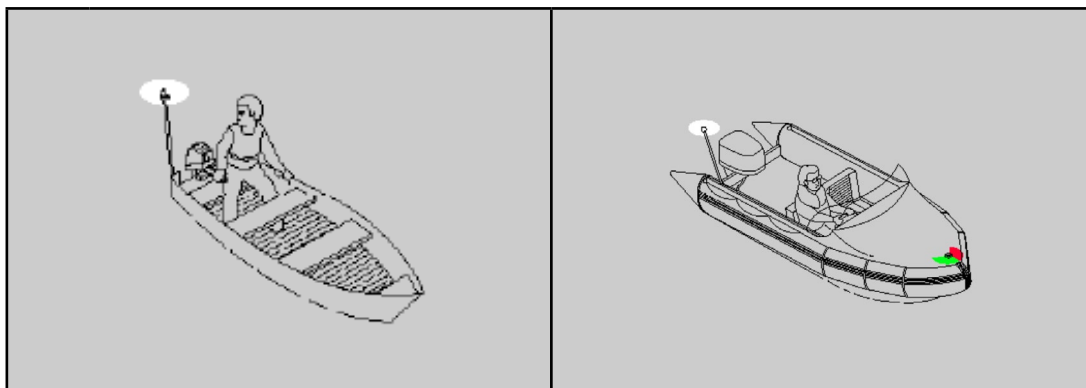
AIR-CUSHION VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	1
	Yellow	2nm	<a href="#">200-023G2S-B</a>	-	1

- All lights are available with ice class defrosters. [Read More](#)



## POWER-DRIVEN VESSEL WITH MAXIMUM SPEED OF 7 KNOTS

Inland and International waters: Same COLREG Rules.



### Power-driven vessel with maximum speed of 7 knots

- (i) A power-driven vessel of less than 12 meters in length may in lieu of the lights prescribed in paragraph (a) of this Rule exhibit an all-round white light and sidelights;
- (ii) a power-driven vessel of less than 7 meters in length whose maximum speed does not exceed 7 knots may in lieu of the lights prescribed in paragraph (a) of this Rule exhibit an all-round white light and shall, if practicable, also exhibit sidelights;
- (iii) the masthead light or all-round white light on a power-driven vessel of less than 12 meters in length may be displaced from the fore and aft centerline of the vessel if centerline fitting is not practicable, provided that the sidelights are combined in one lantern which shall be carried on the fore and aft centerline of the vessel or located as nearly as practicable in the same fore and aft line as the masthead light or the all-round white light.  
(c) A WIG craft only when taking off, landing and in flight near the surface shall, in addition to the lights prescribed in paragraph (a) of this Rule, exhibit a high intensity all-round flashing red light.

### POWERBOAT UNDER 7 METERS

	Light type	NM	Single	Quantity
	360°	2nm	<a href="#">200-012G2</a>	1

### POWERBOAT UNDER 12 METERS

	Light type	NM	Single	Quantity
	Combined sidelight	1nm	<a href="#">101-003/101-004</a>	1
	360°	2nm	<a href="#">200-012G2</a>	1

### POWERBOAT UNDER 20 METERS

	Light type	NM	Single	Quantity
	Port	2nm	<a href="#">301-008</a>	1
	Starboard	2nm	<a href="#">301-009</a>	1
	Masthead, stern, anchor	3nm	<a href="#">201-021</a>	1

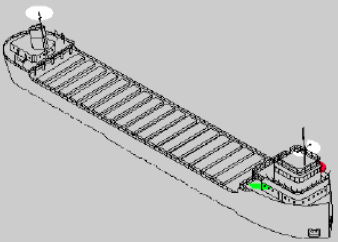




• Housing option in black

### CERTIFICATES







## POWER-DRIVEN VESSEL ON GREAT LAKES

Inland waters

	CERTIFICATES	
		
		

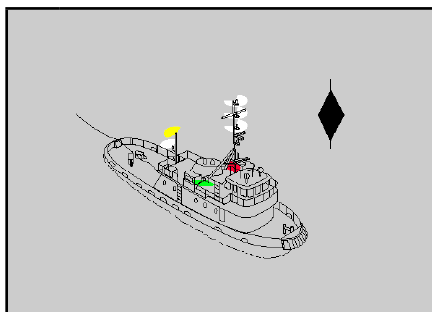
(d) A power-driven vessel when operating on the Great Lakes may carry an all-round white light in lieu of the second masthead light and sternlight prescribed in paragraph (a) of this Rule. The light shall be carried in the position of the second masthead light and be visible at the same minimum range.

VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	1
	Masthead 360° (all round white)	3nm	<a href="#">300-112G2-PRO</a>	<a href="#">300-112G2ST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

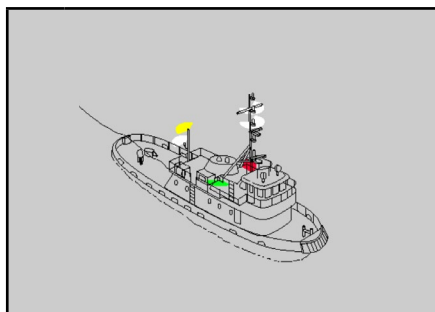
## POWER-DRIVEN VESSEL TOWING ASTERN

Inland and International waters: Same COLREG Rules.



(a) A power-driven vessel when towing shall exhibit:

(i)	Instead of the light prescribed in Rule 23(a)(i) or (a)(ii), <b>three</b> masthead lights in a vertical line. When the length of the tow, measuring from the stern of the towing vessel to the after end of the tow exceeds 200 meters, three such lights in a vertical line;
(ii)	sidelights;
(iii)	a sternlight;
(iv)	a towing light in a vertical line above the sternlight; and
(v)	when the length of the tow exceeds 200 meters, a diamond shape where it can best be seen.



(a) A power-driven vessel when towing astern shall exhibit:

(i)	Instead of the light prescribed either in Rule 23(a)(i) or 23(a)(ii), <b>two</b> masthead lights in a vertical line. When the length of the tow, measuring from the stern of the towing vessel to the after end of the tow do not exceed 200 meters.
(ii)	sidelights;
(iii)	a sternlight;
(iv)	a towing light in a vertical line above the sternlight; and
(v)	when the length of the tow exceeds 200 meters, a diamond shape where it can best be seen.

### VESSELS UNDER 50 METERS (COMMERCIAL USE)

	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2(+1)
	Yellow	2nm	<a href="#">201-013-PRO</a>	<a href="#">201-013ST-PRO</a>	1

• All lights are available with ice class defrosters. [Read More](#)

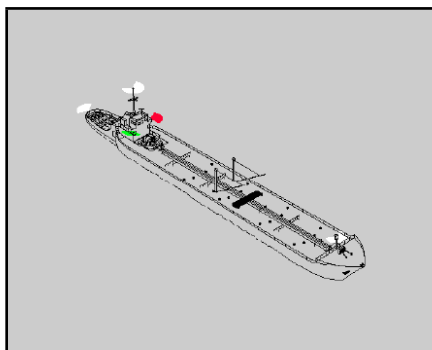
### CERTIFICATES





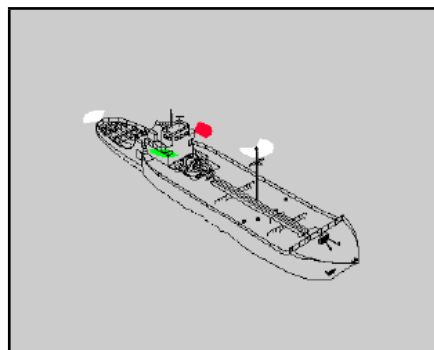
## COMPOSITE UNIT UNDERWAY

Inland and International waters: Same COLREG Rules.



**A power-driven vessel when towing shall exhibit:**

(b) When a pushing vessel and a vessel being pushed ahead are rigidly connected in a composite unit they shall be regarded as a power-driven vessel and exhibit the lights prescribed in Rule 23.



**A power-driven vessel when towing astern shall exhibit:**

Composite unit underway - less than 50 meters in length. Same for International.

One less masthead light

## CERTIFICATES



## VESSELS OVER 50 METERS (COMMERCIAL USE)

	Light type	NM	Single	Double	Quantity
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	<a href="#">301-105-PRO</a>	<a href="#">301-105ST-PRO</a>	1
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	2

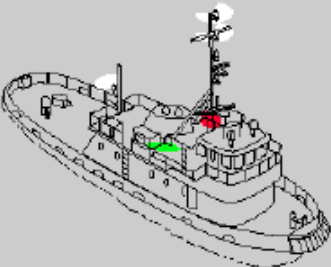




## VESSELS UNDER 50 METERS (COMMERCIAL USE)





	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## POWER-DRIVEN VESSEL PUSHING AHEAD OR TOWING ALONGSIDE

International waters

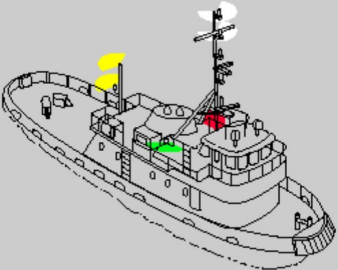




CERTIFICATES	
	 
	
<b>(a) A power-driven vessel underway shall exhibit:</b>	
(c) A power-driven vessel when pushing ahead or towing alongside, except as required by paragraphs (b) and (i) of this Rule, shall exhibit:	
(i)	instead of the light prescribed either in Rule 23(a)(i) or 23(a)(ii), two masthead lights in a vertical line;
(ii)	sidelights; and





VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## POWER-DRIVEN VESSEL PUSHING AHEAD OR TOWING ALONGSIDE

Inland waters

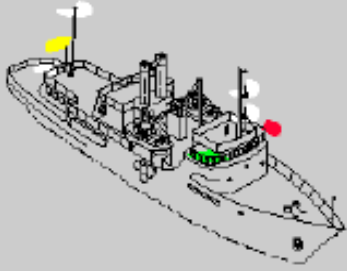




	CERTIFICATES	
		
		
<b>(a) A power-driven vessel underway shall exhibit:</b>		
(c) A power-driven vessel when pushing ahead or towing alongside, except as required by paragraphs (b) and (i) of this Rule, shall exhibit:		
(i)	instead of the light prescribed either in Rule 23(a)(i) or 23(a)(ii), two masthead lights in a vertical line;	
(ii)	sidelights; and	
(iii)	two towing lights in a vertical line.	






VESSEL UNDER 50 METER (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2
	Yellow	2nm	<a href="#">201-013-PRO</a>	<a href="#">201-013ST-PRO</a>	2






- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## POWER-DRIVEN VESSEL TOWING ASTERN—LENGTH OF TOW 200 METERS/656 FEET OR LESS.

Inland and International waters: Same COLREG Rules.

	CERTIFICATES	
		
		
<b>(a) A power-driven vessel underway shall exhibit:</b>  (d) A power-driven vessel to which paragraph (a) or (c) of this Rule apply shall also comply with Rule 23(a)(ii).  Power-driven vessel towing astern—length of tow 200 meters or less. The after masthead light is optional for vessel less than 50 meters in length. Same for Inland		

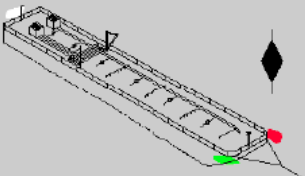




VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	3nm	-	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	-	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	-	<a href="#">301-105ST-PRO</a>	1
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	3
	Yellow	2nm	<a href="#">301-113-PRO</a>	<a href="#">301-113ST-PRO</a>	1




VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2
	Yellow	2nm	<a href="#">201-013-PRO</a>	<a href="#">201-013ST-PRO</a>	1




- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## OBJECT BEING TOWED-LENGTH OF TOW EXCEEDS 200 METERS/656 FEET.

International waters

CERTIFICATES	
	 
	
<b>(a) A power-driven vessel underway shall exhibit:</b>	
(e) A vessel or object being towed, other than those mentioned in paragraph (g) of this Rule, shall exhibit:	
(i)	sidelights;
(ii)	a sternlight;
(iii)	when the length of the tow exceeds 200 meters, a diamond shape where it can best be seen.

VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	<a href="#">301-105-PRO</a>	<a href="#">301-105ST-PRO</a>	1

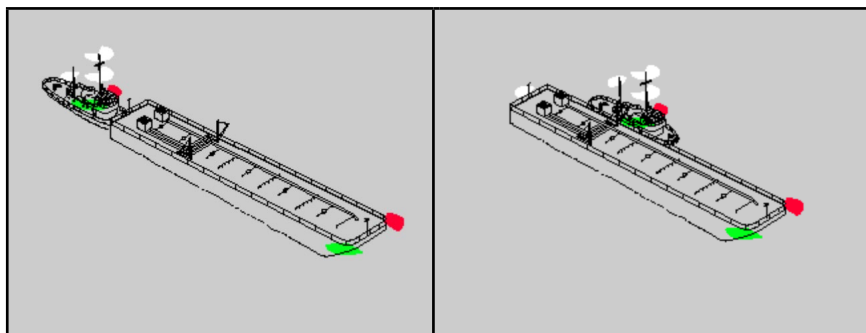
VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)



## POWER-DRIVEN VESSEL BEING TOWED OR PUSHED AHEAD.

International waters



**(a) A power-driven vessel underway shall exhibit:**

Vessel being pushed ahead, not being part of a composite unit.

Vessel being towed alongside.

### CERTIFICATES



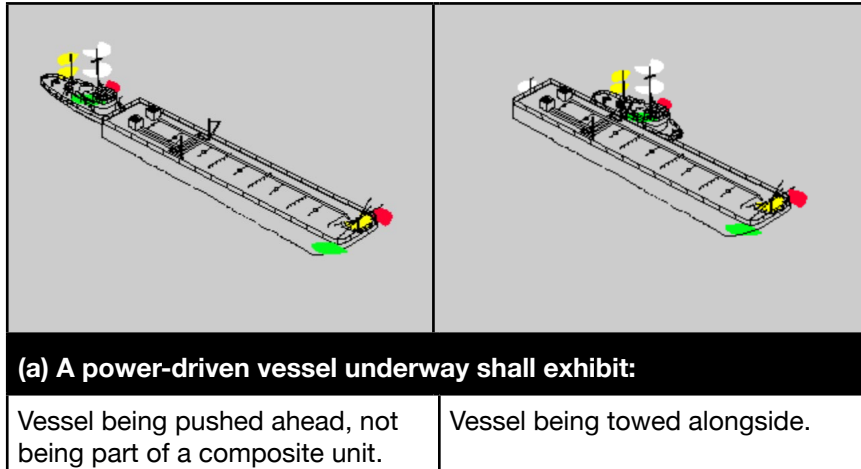
### VESSELS UNDER 50 METERS (COMMERCIAL USE)

	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1(+1)
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2

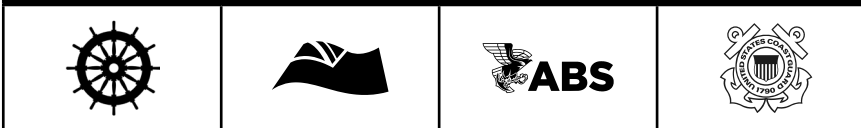
- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## POWER-DRIVEN VESSEL BEING TOWED – LENGTH OF TOW 200 METERS/656 FEET OR LESS.

Inland waters



### CERTIFICATES







### VESSELS UNDER 50 METERS (COMMERCIAL USE)

	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1+1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1+1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1(+1)
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2
	Yellow	2nm	<a href="#">201-013-PRO</a>	<a href="#">201-013ST-PRO</a>	2
	Yellow (flashing)	3nm	-	<a href="#">301-119S-ST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## POWER-DRIVEN VESSEL PUSHING AHEAD OR TOWING ALONGSIDE





Inland waters





CERTIFICATES	
	
	

(above the Huey P. Long Bridge on the Mississippi River)

(d) A vessel or object other than those referred to in paragraph (g) of this Rule being towed shall exhibit:

(i)	Notwithstanding paragraph (c), on the Western Rivers (except below the Huey P. Long Bridge on the Mississippi River) and on waters specified by the Secretary, a power-driven vessel when pushing ahead or towing alongside, except as paragraph (b) applies, shall exhibit:
(ii)	sidelights; and
(iii)	two towing lights in a vertical line.

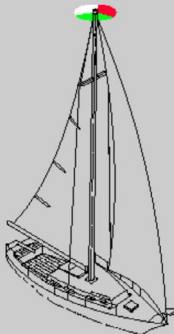




VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	<a href="#">301-105-PRO</a>	<a href="#">301-105ST-PRO</a>	1
	Yellow	3nm	<a href="#">301-113-PRO</a>	<a href="#">301-113ST-PRO</a>	2









VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Yellow	3nm	<a href="#">201-013-PRO</a>	<a href="#">201-013ST-PRO</a>	2

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## SAILING VESSEL UNDERWAY.

Inland and International waters: Same COLREG Rules.

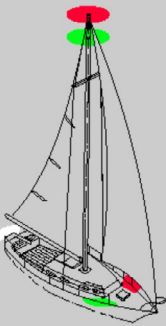



	CERTIFICATES	
		
		
	(a) A sailing vessel underway shall exhibit:	
(i)	sidelights; and	
(ii)	a stern light.	
(b) In a sailing vessel of less than 20 meters in length the lights prescribed in paragraph (a) of this Rule may be combined in one lantern carried at or near the top of the mast where it can best be seen.		









SAILBOAT UNDER 20 METERS						
		Light type	NM	Single	Double	Quantity
		Starboard	2nm	<a href="#">301-001/301-008</a>	-	1
		Port	2nm	<a href="#">301-002/301-009</a>	-	1
		Stern	2nm	<a href="#">301-006/301-005</a>	-	1
		Masthead	5nm	<a href="#">301-011KL</a>	-	1
		Tri-color	2nm	<a href="#">201-007G2</a>	-	1

- Housing option in silver or black.
- Option with lighting for windex. [Read More](#)

## SAILING VESSEL UNDERWAY.

Inland and International waters: Same COLREG Rules.

CERTIFICATES					
					
					
<p>(a) A sailing vessel underway shall exhibit:</p> <table border="1"> <tr> <td>(i)</td><td>sidelights;</td></tr> <tr> <td>(ii)</td><td>a stern light.</td></tr> </table> <p>(b) In a sailing vessel of less than 20 meters in length the lights prescribed in paragraph (a) of this Rule may be combined in one lantern carried at or near the top of the mast where it can best be seen.</p> <p>(c) A sailing vessel underway may, in addition to the lights prescribed in paragraph (a) of this Rule, exhibit at or near the top of the mast, where they can best be seen, two all-round lights in a vertical line, the upper being red and the lower green, but these lights shall not be exhibited in conjunction with the combined lantern permitted by paragraph (b) of this Rule.</p>		(i)	sidelights;	(ii)	a stern light.
(i)	sidelights;				
(ii)	a stern light.				

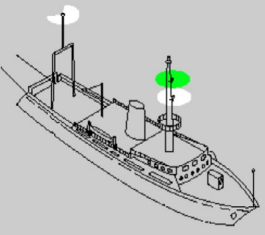





SAILBOAT UNDER 20 METERS						
		Light type	NM	Single	Double	Quantity
		Starboard	2nm	<a href="#">301-001/301-008</a>	-	1
		Port	2nm	<a href="#">301-002/301-009</a>	-	1
		Stern	2nm	<a href="#">301-006/301-005</a>	-	1
		180° red	2nm	<a href="#">200-016G2</a>	-	2
		180° green	2nm	<a href="#">200-018G2</a>	-	2




- Housing option in silver or black.



## FISHING VESSELS ENGAGED IN TRAWLING—NOT MAKING WAY.

Inland and International waters: Same COLREG Rules.

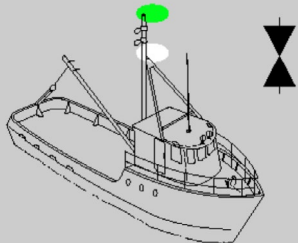




CERTIFICATES	
	
	
	
<p>(a) A vessel engaged in fishing, whether underway or at anchor, shall exhibit only the lights and shapes prescribed in this Rule.</p> <p>(b) A vessel when engaged in trawling, by which is meant the dragging through the water of a dredge net or other apparatus used as a fishing appliance, shall exhibit:</p>	
(i)	two all-round lights in a vertical line, the upper being green and the lower white, or a shape consisting of two cones with their apexes together in a vertical line one above the other; (ii) a masthead light abaft of and higher than the all-round
(ii)	a masthead light abaft of and higher than the all-round green light; a vessel of less than 50 meters in length shall not be obliged to exhibit such a light but may do so;
(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.



VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Green	3nm	<a href="#">300-115G2-PRO</a>	<a href="#">300-115G2ST-PRO</a>	1
	Signal White	3nm	<a href="#">300-112G2-PRO</a>	<a href="#">300-112G2ST-PRO</a>	1
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	1

• All lights are available with ice class defrosters. [Read More](#)

## FISHING VESSELS VESSEL ENGAGED IN TRAWLING—NOT MAKING WAY; VESSEL LESS THAN 50 METERS/164 FEET IN LENGTH.

Inland and International waters: Same COLREG Rules.

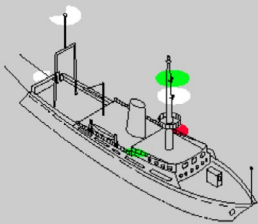





CERTIFICATES							
	 						
							
<p>(a) A vessel engaged in fishing, whether underway or at anchor, shall exhibit only the lights and shapes prescribed in this Rule.</p> <p>(b) A vessel when engaged in trawling, by which is meant the dragging through the water of a dredge net or other apparatus used as a fishing appliance, shall exhibit:</p> <table> <tr> <td>(i)</td><td>two all-round lights in a vertical line, the upper being green and the lower white, or a shape consisting of two cones with their apexes together in a vertical line one above the other;</td></tr> <tr> <td>(ii)</td><td>a masthead light abaft of and higher than the all-round green light; a vessel of less than 50 meters in length shall not be obliged to exhibit such a light but may do so; and</td></tr> <tr> <td>(iii)</td><td>when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.</td></tr> </table>		(i)	two all-round lights in a vertical line, the upper being green and the lower white, or a shape consisting of two cones with their apexes together in a vertical line one above the other;	(ii)	a masthead light abaft of and higher than the all-round green light; a vessel of less than 50 meters in length shall not be obliged to exhibit such a light but may do so; and	(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.
(i)	two all-round lights in a vertical line, the upper being green and the lower white, or a shape consisting of two cones with their apexes together in a vertical line one above the other;						
(ii)	a masthead light abaft of and higher than the all-round green light; a vessel of less than 50 meters in length shall not be obliged to exhibit such a light but may do so; and						
(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.						







VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Green	2nm	<a href="#">200-015G2-PRO</a>	<a href="#">200-015G2ST-PRO</a>	1
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1



• All lights are available with ice class defrosters. [Read More](#)

## FISHING VESSELS ENGAGED IN TRAWLING – MAKING WAY.

Inland and International waters: Same COLREG Rules.

CERTIFICATES	
	
	
	
<p>(a) A vessel engaged in fishing, whether underway or at anchor, shall exhibit only the lights and shapes prescribed in this Rule.</p> <p>(b) A vessel when engaged in trawling, by which is meant the dragging through the water of a dredge net or other apparatus used as a fishing appliance, shall exhibit:</p>	
(i)	two all-round lights in a vertical line, the upper being green and the lower white, or a shape consisting of two cones with their apexes together in a vertical line one above the other;
(ii)	a masthead light abaft of and higher than the all-round green light; a vessel of less than 50 meters in length shall not be obliged to exhibit such a light but may do so;
(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.

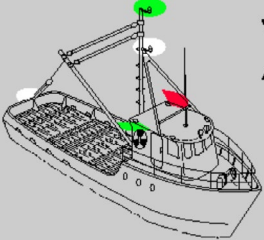
VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Green	3nm	<a href="#">300-115G2-PRO</a>	<a href="#">300-115G2ST-PRO</a>	1
	Signal White	3nm	<a href="#">300-112G2-PRO</a>	<a href="#">300-112G2ST-PRO</a>	1
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	<a href="#">301-105-PRO</a>	<a href="#">301-105ST-PRO</a>	1
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	2





(a) Vessel over 20 meter when engaged in trawling					
(i)	When shooting their nets: two white lights in vertical line;				
(ii)	When hauling their nets: One white light over one red light in vertical line;				
(iii)	When net has come fast upon an obstruction: two red lights in vertical line				
	Light type	NM	Single	Double	Quantity
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	2
	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	2

• All lights are available with ice class defrosters. [Read More](#)






## FISHING VESSELS VESSEL ENGAGED IN TRAWLING—MAKING WAY; VESSEL LESS THAN 50 METERS/164 FEET IN LENGTH.

Inland and International waters: Same COLREG Rules.



CERTIFICATES	
	
	

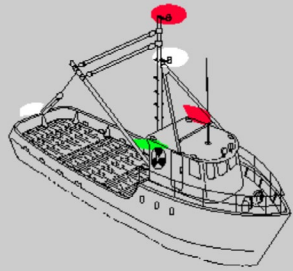





Vessel engaged in trawling—making way; vessel less than 50 meters in length. Same for Inland.






VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Green	2nm	<a href="#">200-015G2-PRO</a>	<a href="#">200-015G2ST-PRO</a>	1
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1

• All lights are available with ice class defrosters. [Read More](#)

## VESSEL ENGAGED IN FISHING OTHER THAN TRAWLING—MAKING WAY; VESSEL LESS THAN 50 METERS/164 FEET IN LENGTH.

Inland and International waters: Same COLREG Rules.


CERTIFICATES		
		
		
(c) A vessel engaged in fishing, other than trawling, shall exhibit:		
(i)	two all-round lights in a vertical line, the upper being red and the lower white, or a shape consisting of two cones with apexes together in a vertical line one above the other;	
(ii)	when there is outlying gear extending more than 150 meters horizontally from the vessel, an all-round white light or a cone apex upwards in the direction of the gear;	
(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.	

VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	1
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1

• All lights are available with ice class defrosters. [Read More](#)

### 3.) Signals for Purse Seiners

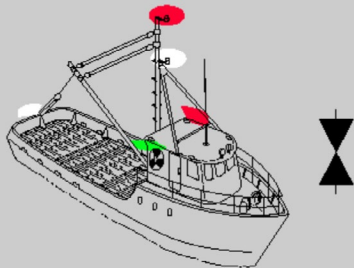





Vessels engaged in fishing with purse seine gear may exhibit two yellow lights in a vertical line. These lights shall flash alternately every second and with equal lights and occultation duration. These lights may be exhibited only when the vessel is hampered by its fishing gear.

	Light type	NM	Single	Double	Quantity
	Yellow	2nm	<a href="#">201-023-PRO</a>	-	2
-	Control	-	<a href="#">500-131</a>	-	1



## VESSEL ENGAGED IN FISHING OTHER THAN TRAWLING—NOT MAKING WAY; VESSEL LESS THAN 50 METERS/164 FEET IN LENGTH.

Inland and International waters: Same COLREG Rules.

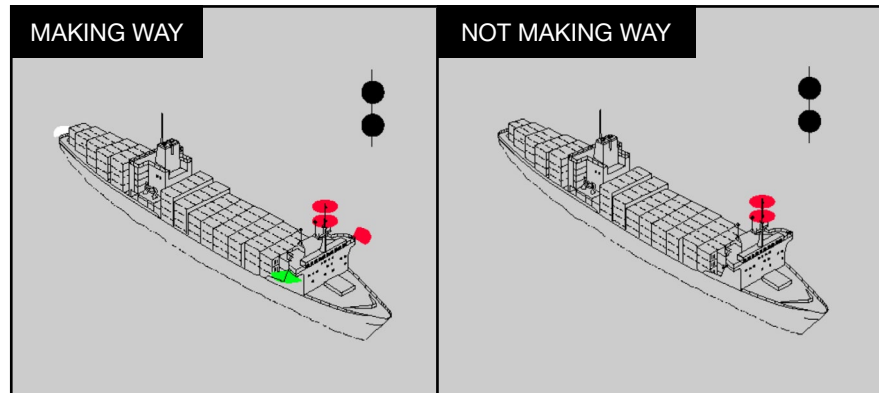
NOT MAKING WAY		CERTIFICATES	
			
			
(c) A vessel engaged in fishing, other than trawling, shall exhibit:			
(i)	two all-round lights in a vertical line, the upper being red and the lower white, or a shape consisting of two cones with apexes together in a vertical line one above the other;		
(ii)	when there is outlying gear extending more than 150 meters horizontally from the vessel, an all-round white light or a cone apex upwards in the direction of the gear;		
(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.		

VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
360°	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	1
360°	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1

• All lights are available with ice class defrosters. [Read More](#)

## VESSELS NOT UNDER COMMAND

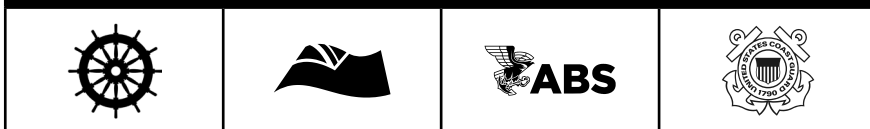
Inland and International waters: Same COLREG Rules.



(a) A vessel not under command shall exhibit:

(i)	two all-round red lights in a vertical line where they can best be seen;
(ii)	two balls or similar shapes in a vertical line where they can best be seen;
(iii)	when making way through the water, in addition to the lights prescribed in this paragraph, sidelights and a sternlight.

## CERTIFICATES



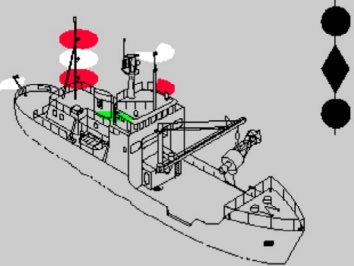




## VESSELS OVER 50 METERS (COMMERCIAL USE)

	Light type	NM	Single	Double	Quantity
	Signal Red	3nm	<a href="#">300-114G2-PRO</a>	<a href="#">300-114G2ST-PRO</a>	2
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	<a href="#">301-105-PRO</a>	<a href="#">301-105ST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)







## VESSEL RESTRICTED IN HER ABILITY TO MANEUVER—MAKING WAY; VESSEL LESS THAN 50 METERS/164 FEET IN LENGTH.

International waters

*) MAKING WAY		CERTIFICATES	
			
			

(b) A vessel restricted in her ability to maneuver, except a vessel engaged in mineclearance operations, shall exhibit:

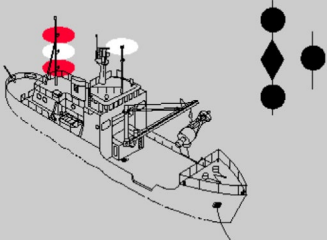




(i)	three all-round lights in a vertical line where they can best be seen. The highest and lowest of these lights shall be red and the middle light shall be white;
(ii)	three shapes in a vertical line where they can best be seen. The highest and lowest of these shapes shall be balls and the middle one a diamond;
(iii)	when making way through the water, a masthead light or lights, sidelights and a sternlight, in addition to the lights prescribed in subparagraph (i);
(iv)	when at anchor, in addition to the lights or shapes prescribed in subparagraphs (i) and (ii), the light, lights or shape prescribed in Rule 30.

VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	2
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)



## VESSEL RESTRICTED IN HER ABILITY TO MANEUVER—NOT MAKING WAY; VESSEL LESS THAN 50 METERS/164 FEET IN LENGTH.

Inland waters

	CERTIFICATES	
		
		

(b) A vessel restricted in her ability to maneuver, except a vessel engaged in mineclearance operations, shall exhibit:

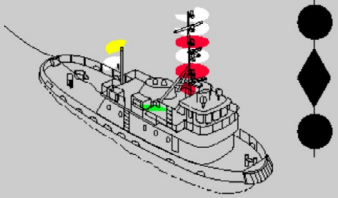




(i)	three all-round lights in a vertical line where they can best be seen. The highest and lowest of these lights shall be red and the middle light shall be white;
(ii)	three shapes in a vertical line where they can best be seen. The highest and lowest of these shapes shall be balls and the middle one a diamond;
(iii)	when making way through the water, a masthead light or lights, sidelights and a sternlight, in addition to the lights prescribed in subparagraph (i);
(iv)	when at anchor, in addition to the lights or shapes prescribed in subparagraphs (i) and (ii), the light, lights or shape prescribed in Rule 30.








VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	2
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1(+1 iv)

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

## A VESSEL RESTRICTED IN HER ABILITY TO MANEUVER.

Inland and International waters: Same COLREG Rules.

CERTIFICATES	
	 
	 
<p>(c) Vessel engaged in towing operation which severely restricts towing vessel and her tow in their ability to deviate from their course—length of tow does not exceed 200 meters/656,168 feet; towing vessel less than 50 meters/164 feet in length.</p>	
(i)	three all-round lights in a vertical line where they can best be seen. The highest and lowest of these lights shall be red and the middle light shall be white;
(ii)	three shapes in a vertical line where they can best be seen. The highest and lowest of these shapes shall be balls and the middle one a diamond;
(iii)	when making way through the water, a masthead light or lights, sidelights and a sternlight, in addition to the lights prescribed in subparagraph (i); (iv) when at anchor, in addition to the lights or shapes prescribed in subparagraphs (i) and (ii), the light, lights or shape prescribed in Rule 30.

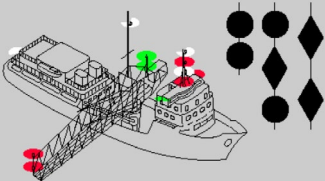
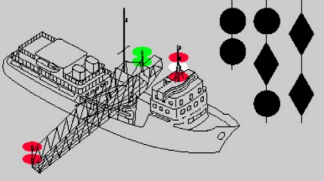
VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	2
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	1
	Masthead	5nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	2
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1
	Yellow	3nm	<a href="#">201-013-PRO</a>	<a href="#">201-013ST-PRO</a>	1








- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)





## VESSEL ENGAGED IN DREDGING OR UNDERWATER OPERATIONS WHEN RESTRICTED IN ABILITY TO MANEUVER—WITH AN OBSTRUCTION ON THE STARBOARD SIDE.

Inland and International waters: Same COLREG Rules.

*) MAKING WAY		*) NOT MAKING WAY	
			
<p>(d) A vessel engaged in dredging or underwater operations, when restricted in her ability to maneuver, shall exhibit the lights and shapes prescribed in subparagraphs (b)(i), (ii), and (iii) of this Rule and shall in addition, when an obstruction exists, exhibit:</p>			
(i)	two all-round green lights or two diamonds in a vertical line to indicate the side on which another vessel may pass; and		
(ii)	two all-round green lights or two diamonds in a vertical line to indicate the side on which another vessel may pass; and		
(iii)	when at anchor, the lights or shape prescribed by this paragraph, instead of the lights or shapes prescribed in Rule 30 for anchored vessels.		

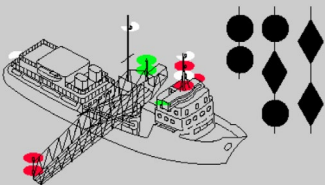
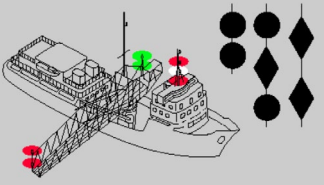
VESSELS OVER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Red	3nm	<a href="#">300-114G2-PRO</a>	<a href="#">300-114G2ST-PRO</a>	4(+2)
	Signal White	3nm	<a href="#">300-112G2-PRO</a>	<a href="#">300-112G2ST-PRO</a>	1
	Signal Green	3nm	<a href="#">300-115G2-PRO</a>	<a href="#">300-115G2ST-PRO</a>	2
	Masthead	6nm	<a href="#">300-136-PRO</a>	<a href="#">300-138-PRO</a>	2
	Starboard	3nm	<a href="#">301-108-PRO</a>	<a href="#">301-108ST-PRO</a>	1
	Port	3nm	<a href="#">301-109-PRO</a>	<a href="#">301-109ST-PRO</a>	1
	Stern	3nm	<a href="#">301-105-PRO</a>	<a href="#">301-105ST-PRO</a>	1








- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

CERTIFICATES			
			

## VESSEL ENGAGED IN DREDGING OR UNDERWATER OPERATIONS WHEN RESTRICTED IN ABILITY TO MANEUVER.

Inland and International waters: Same COLREG Rules.

*) MAKING WAY		*) NOT MAKING WAY	
			
<p>(d) A vessel engaged in dredging or underwater operations, when restricted in her ability to maneuver, shall exhibit the lights and shapes prescribed in subparagraphs (b)(i), (ii), and (iii) of this Rule and shall in addition, when an obstruction exists, exhibit:</p>			
(i)	two all-round green lights or two diamonds in a vertical line to indicate the side on which another vessel may pass; and		
(ii)	two all-round green lights or two diamonds in a vertical line to indicate the side on which another vessel may pass; and		
(iii)	when at anchor, the lights or shape prescribed by this paragraph, instead of the lights or shapes prescribed in Rule 30 for anchored vessels.		

VESSELS UNDER 50 METERS (COMMERCIAL USE)					
	Light type	NM	Single	Double	Quantity
	Signal Red	2nm	<a href="#">200-014G2-PRO</a>	<a href="#">200-014G2ST-PRO</a>	4(+2)
	Signal White	2nm	<a href="#">200-012G2-PRO</a>	<a href="#">200-012G2ST-PRO</a>	2
	Signal Green	2nm	<a href="#">200-015G2-PRO</a>	<a href="#">200-015G2ST-PRO</a>	2
	Masthead	6nm	<a href="#">301-011KL-PRO</a>	<a href="#">301-011KLST-PRO</a>	1(+1)
	Starboard	2nm	<a href="#">301-008-PRO</a>	<a href="#">301-008ST-PRO</a>	1
	Port	2nm	<a href="#">301-009-PRO</a>	<a href="#">301-009ST-PRO</a>	1
	Stern	2nm	<a href="#">301-005-PRO</a>	<a href="#">301-005ST-PRO</a>	1

- All lights are available with ice class defrosters. [Read More](#)
- Some lights are available with IEC Ex/ATEX. [Read More](#)

### CERTIFICATES



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guide



Customer  
service



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