

—INLAND— Lights and Shapes

A reminder that I am only covering Inland. International is mostly the same but there are slight differences. i.e. towing and pushing.

I skipped (d) since it is sailing vessels < 7m and vessels under oars. It is on the next slide. I wanted to keep a – c and e together.

### RULE 25: Sailing Vessels Underway and Vessels Under Oars

(a) sailing vessel underway:

- (i) **sidelights**; and
- (ii) a **stern light**.

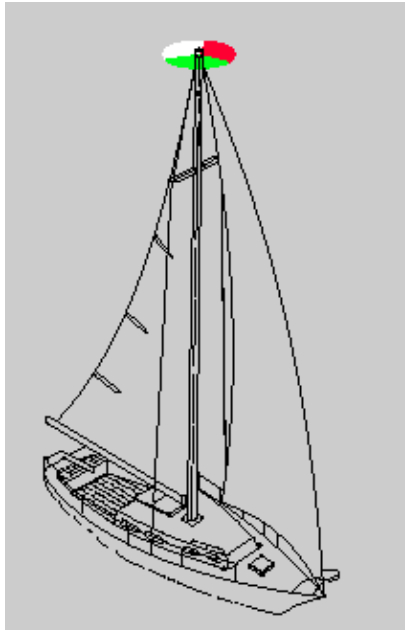
(b) **vessel < 20 meters**, lights in paragraph (a) may be **combined** in **one lantern** carried at or near the top of the **mast**, best seen.

20m = 65.6'

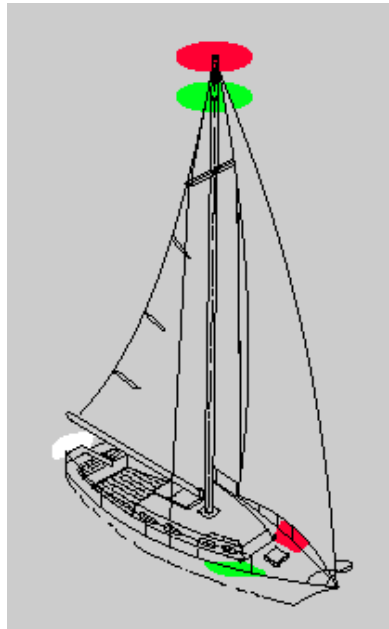
(c) underway may, **in addition** to **sidelights and stern light**, exhibit at or near the top of the mast, best seen, **two all-round lights** in a vertical line, upper **red** and the lower **green**, not exhibited in conjunction with the combined lantern in paragraph (b)...

(e) A vessel proceeding **under sail and** also propelled by **machinery** shall exhibit forward where it can best be seen a **conical shape, apex downward**. A vessel **< 12 meters** is not required to exhibit this shape, but may do so.

12m = 39.4'



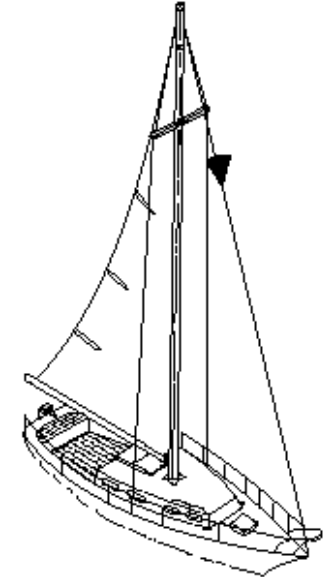
Sailing vessel underway—less than 20 meters in length. Same for International.



Sailing vessel underway. Same for International.



Racers  $\geq 40'$  should hoist this when motor sailing.



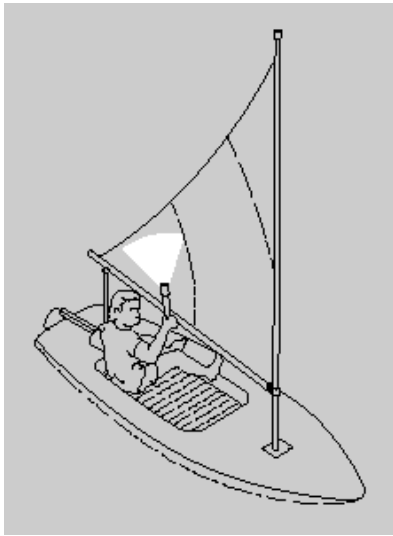
International picture under sail and also propelled by machinery. Same for Inland except that a vessel < 12 meters is not required to exhibit the day shape.

**RULE 25: Sailing Vessels Underway and Vessels Under Oars**

(d)

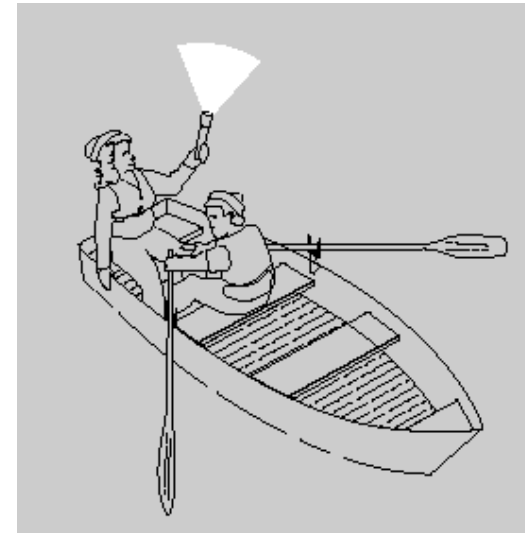
(i) sailing vessel < 7 meters, if practicable, exhibit **sidelights and stern light** or **combination lantern at top of mast**, **but if she does not**, she shall have ready at hand an **electric torch** or lighted lantern showing a **white light** which shall be **exhibited** in sufficient time **to prevent collision**.

7m = 23'



Sailing vessel underway, < 7 meters in length.  
Same for International.

(ii) A **vessel under oars** may **exhibit** the **lights** ... for **sailing vessels**, **but if she does not**, she shall have ready at hand an **electric torch** or lighted lantern showing a **white light** which shall be **exhibited** in sufficient time **to prevent collision**.



Vessel under oars. Same for International.

—INLAND— Lights and Shapes

**Spoiler Alert:** Don't read this if you don't want to know the ending. 😊

**What is next in Lights and Shapes?** Most of this is things you may see on the water but the anchored vessels portion is something you may do.

Rule 26: Fishing Vessels

Rule 27: Vessels not under command or restricted in their ability to maneuver (RIATM). RIATM is a long section. Also, RIATM is an acronym I just invented. :-o

Rule 28: Vessels constrained by their draft

Rule 29: Pilot vessels

Rule 30: Anchored vessels and vessels aground

Rule 31: Seaplanes (or a WIG craft)

PART D – Sound and Light Signals has the restricted visibility sound signals and distress signals. Sailboats are one long and two short, interval not more than 2 minutes. This signal is shared with vessels not under command, RIATM, fishing, and towing and pushing. That is rule 35, a good ways off still but exciting stuff!

Then PART D - Sound and Light Signals

PART E - Exemptions, followed by Annexes