



# Sharing Knowledge - Navigation

Capt. Puneet Bagga



Transport  
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# Collision Regulations





# GENERAL POINTS

Every vessel has a responsibility to avoid collision.

If every vessel follow the rules, there cannot be a collision.

Even if these rules require another vessel to keep out of your way, you must be ready to take action yourself.

Remember! If you are in a collision, you will always be partly to blame.



# GENERAL POINTS

All actions must be clear, in good time, and large enough so other vessels will understand your intentions.

Generally alterations of course are more obvious than alterations of speed, but never hesitate to slow down to give yourself thinking time or more room.



# Night Vision

- At night keep lighting within your own vessel to a minimum; it preserves your night vision.
- Only use spotlights where it is vital to pick up an unlit object (mooring buoys for instance).
- Respect other people's night vision.



# THE RIGHT RULE

The RIGHT rule is:

- look to the right;
- give way to the right;
- turn to the right; and
- stay to the right.



# Rule 5 - Lookout

## Conduct of Vessels in Any Type of Visibility

- You must keep a good lookout with eyes and ears at all times.
- This includes poor visibility and night time.



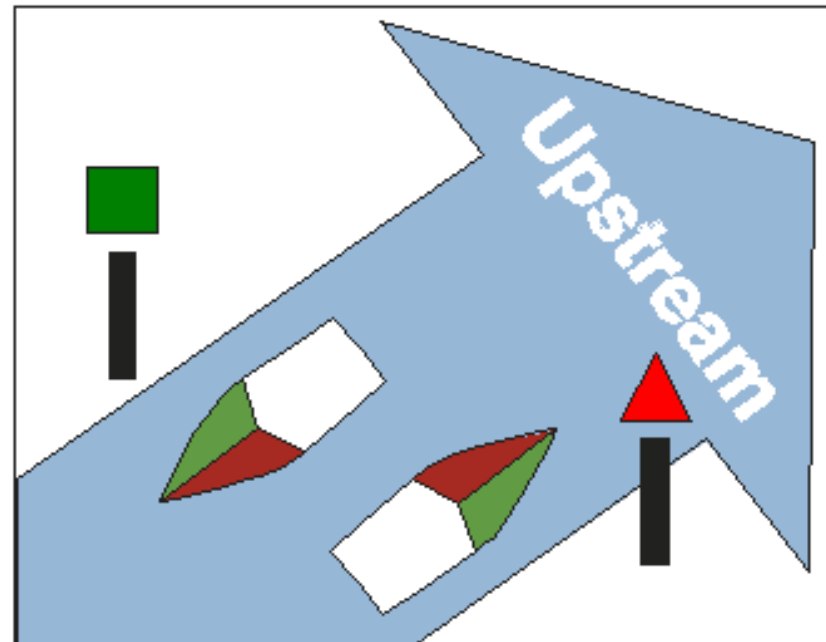
# Rule 8 - Action to Avoid Collision

- Any action you now take, must comply with these rules, and must be obvious to the other vessel, and result in the two vessels passing well clear of each other.



# Rule 9 - Narrow Channels

- In narrow channels, all vessels should keep to the starboard side of the channel.





# Rule 10 - Traffic Separation Schemes

- Traffic shall follow the traffic separation scheme where one is designated.
- Where you are outside it, you should avoid it.
- If you have to cross it you have to cross it as near right angles as possible.
- A vessel less than 20 metres in length shall not impede a ship in a separation scheme.



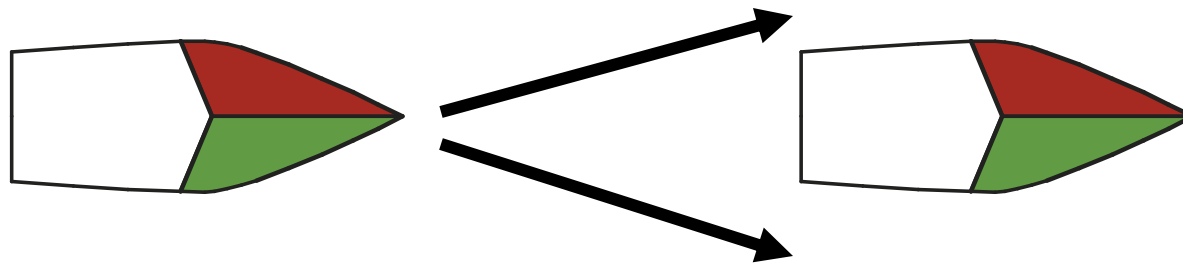
# Collision Regulations

## Section II - Conduct of vessels in sight of one another

- Rule 13 Overtaking
- Rule 14 Head-on
- Rule 15 Crossing Situations
- Rule 18 Responsibilities Between Vessels

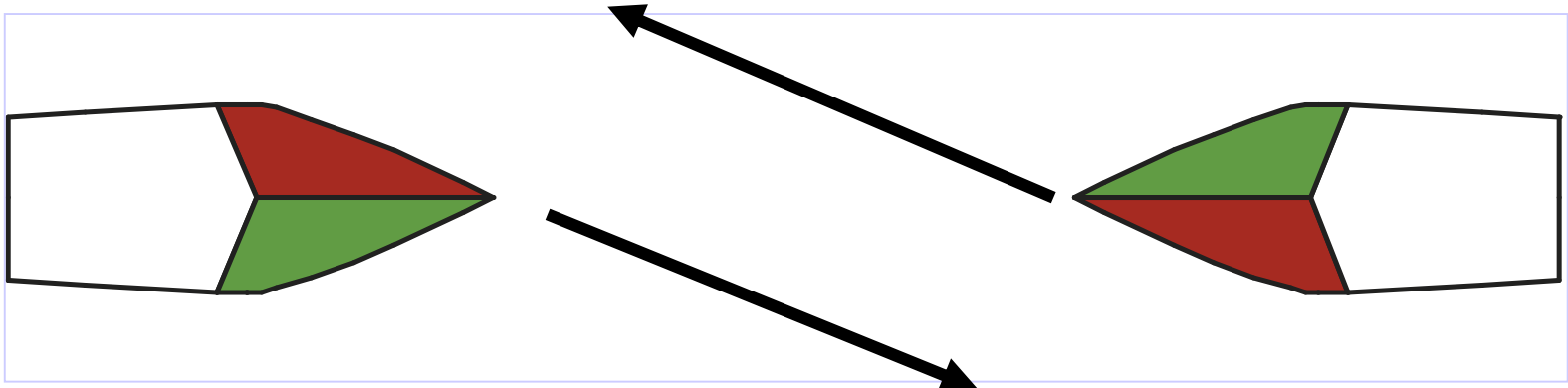
# Rule 13 - Overtaking

- This rule overrides all the other give-way rules.
  - The overtaking vessel must keep out of the way of the vessel being overtaken.
  - You can pass on either side of the vessel, but keep well clear – the other vessel may not have seen you.
  - If you are being overtaken, hold your course and speed until the other vessel is past and well clear.



# Rule 14 - Head on

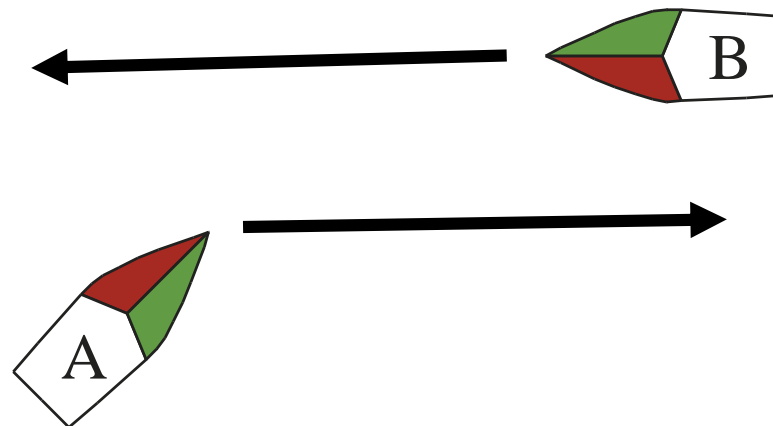
- Both vessels must alter course to **starboard**.
- If the other vessel turns the wrong way, you should turn even more to **starboard**, slow down, or stop your vessel.





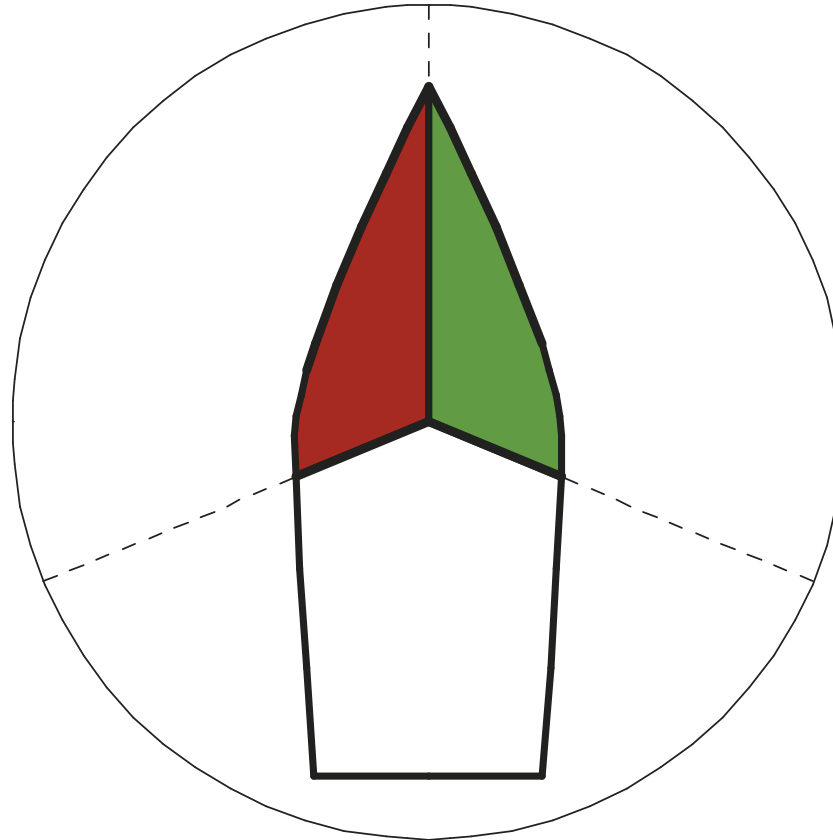
# Rule 15 - Crossing Situation

- If the other vessel is on your **starboard** side it has right of way and you must keep clear: you must either turn to **starboard**, slow down to let the other vessel pass ahead of you – or do both.
- A gives way to B
- B would hold course and speed.



# OPERATING RULE

**Port:** If a power-driven vessel approaches within this sector maintain your course and speed with caution.



**Starboard:** If any vessel approaches within this sector, keep out of its way.

**Stern:** If any vessel approaches this sector, maintain your course and speed with caution.



# **RULE 18: RESPONSIBILITIES BETWEEN VESSELS**

Vessels in order of priority

- Vessel not under command
- Restricted in ability to manoeuvre
- Vessel constrained by draft
- Vessel engaged in fishing
- Sailing vessels
- Power driven vessels
- Seaplanes





# SECTION III - RULE 19

## Conduct of Vessels in Restricted Visibility

This rule applies when navigating in or NEAR an area of restricted visibility.





# **RULE 19 - RESTRICTED VISIBILITY**

- Restricted visibility is any condition that reduces visibility, and includes fog, heavy rain, snow, hail, sandstorms, etc.
- Fog is common on the coast of British Columbia. A good lookout becomes even more vital.
- Slow down and be ready to stop if you sight another vessel or hear a fog signal.



# NAVIGATION LIGHTS

- Vessels that operate from sunset to sunrise, whether at anchor or underway, must carry and exhibit the correct lights.
- Navigation lights must also be displayed during daylight hours in periods of restricted visibility (**Thus required by Daytime working vessels**)



# QUESTIONS?

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**THANK YOU  
AND  
SAFE SAILINGS!**