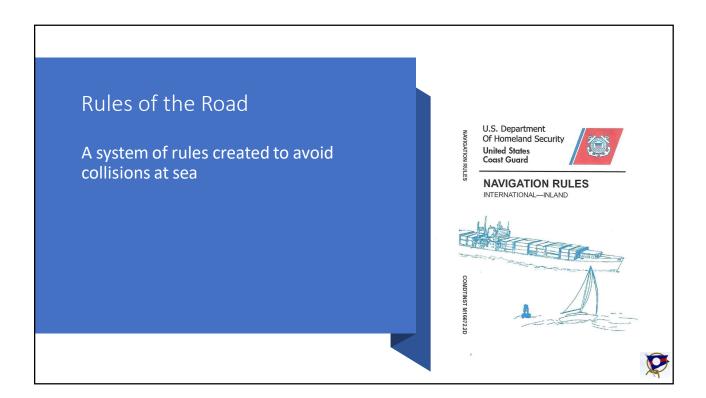
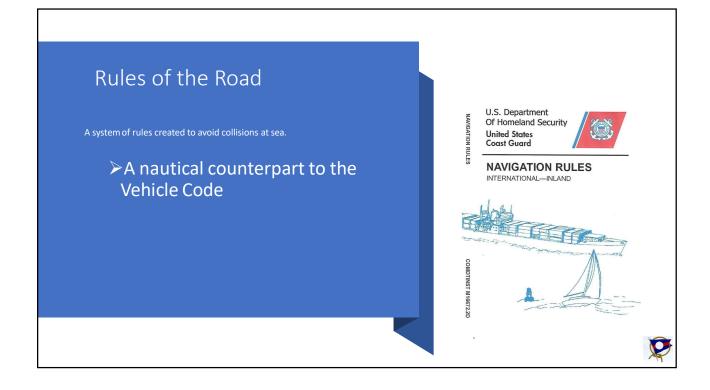


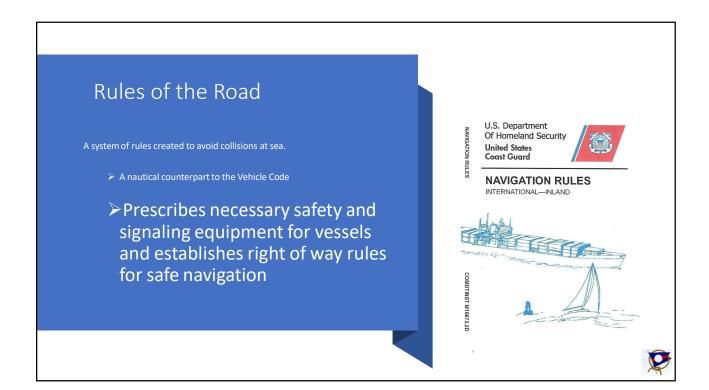
Today's Agenda

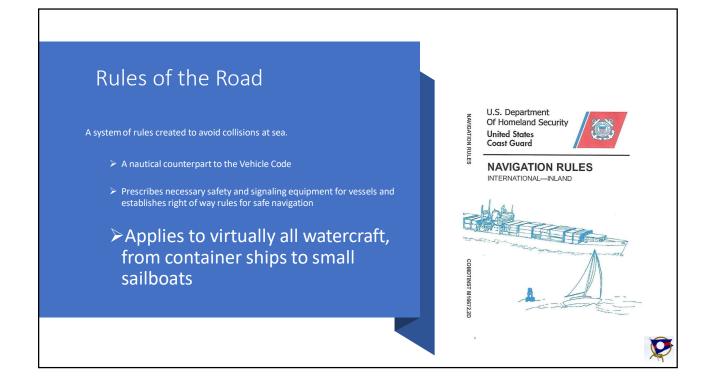
- 1. Rules of the Road
 - Stand On Vessel
 - Give Way Vessel
- 2. Aids to Navigation (ATONs)
- 3. Knot Lesson Coiling a Line
- 4. Final Exam (take home)

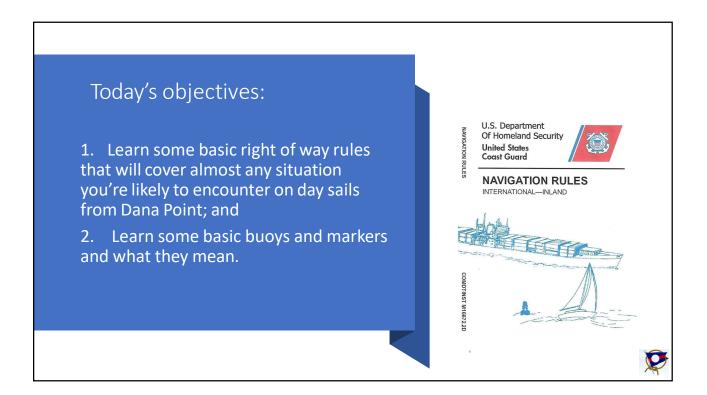


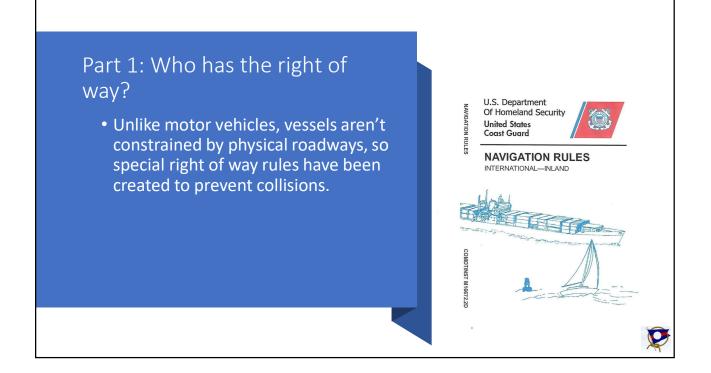


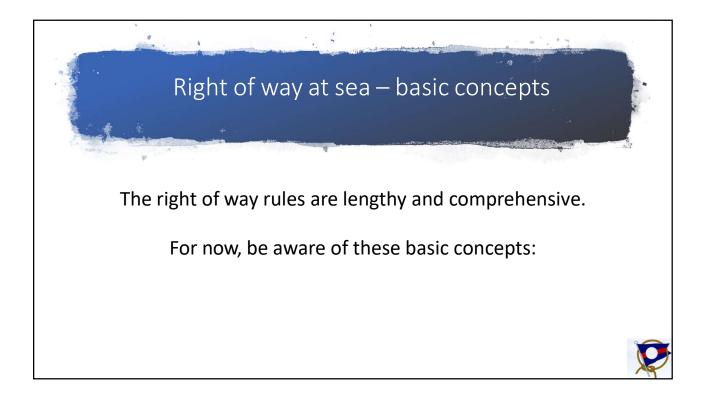


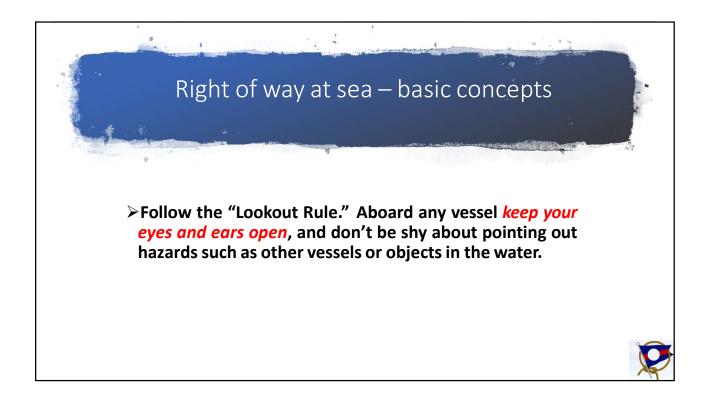


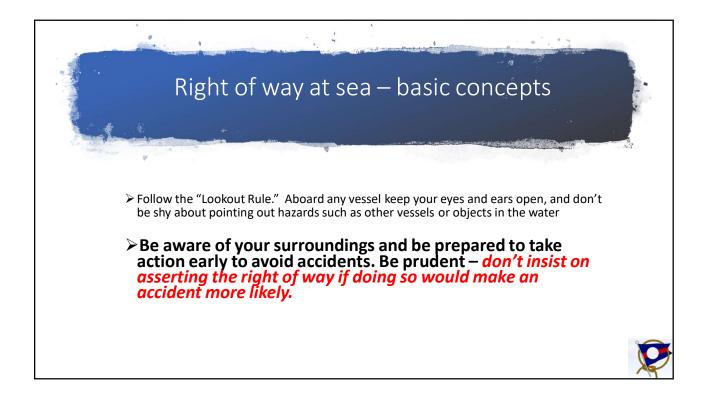


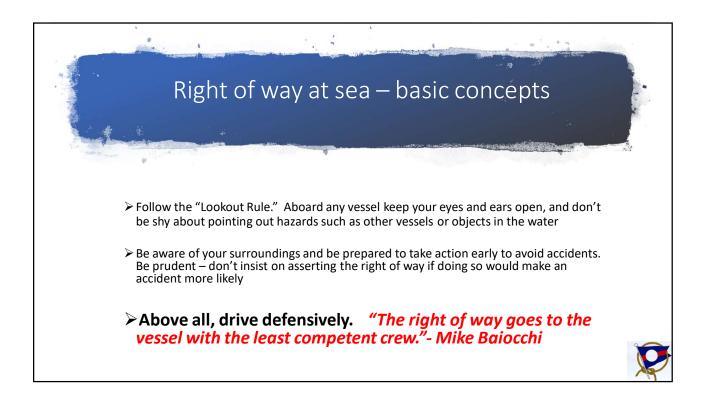




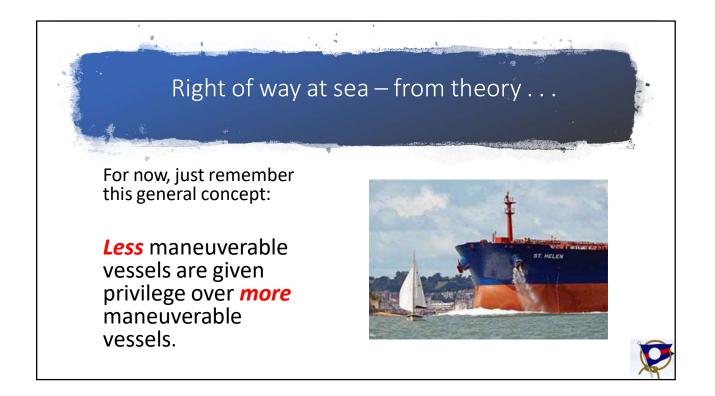


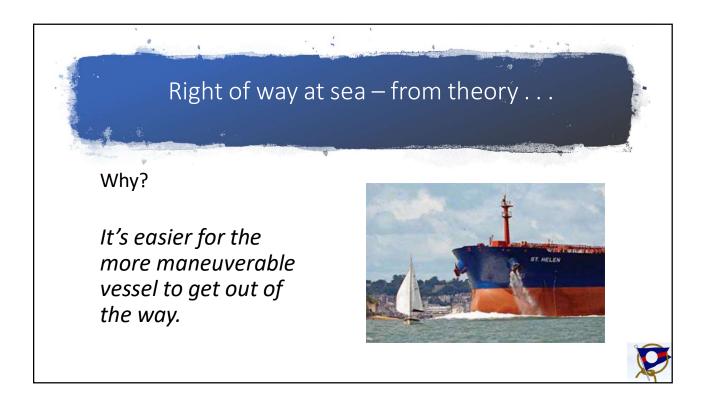


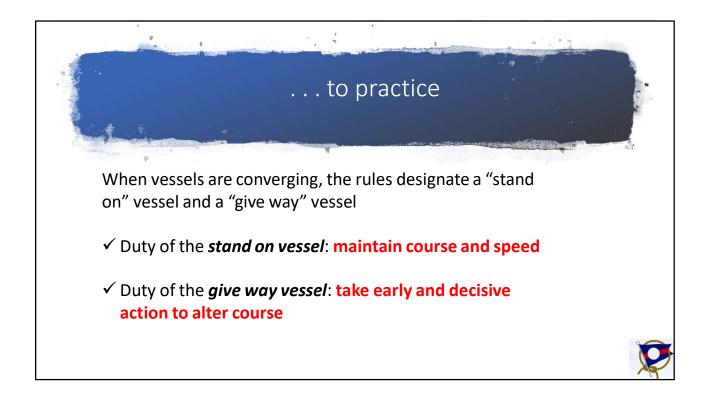


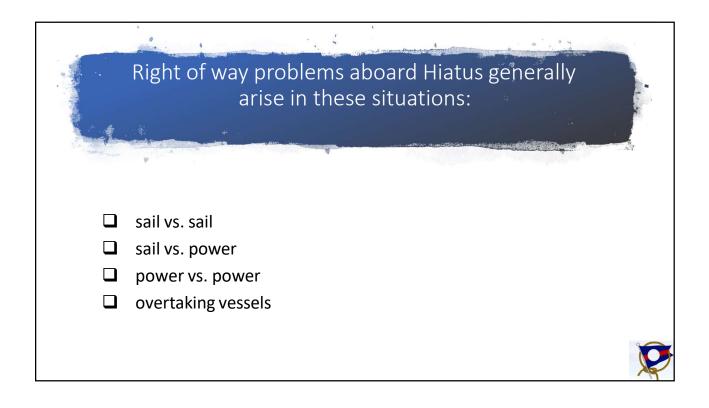




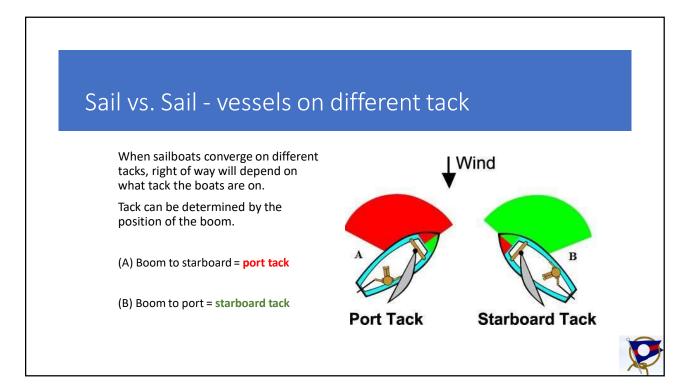


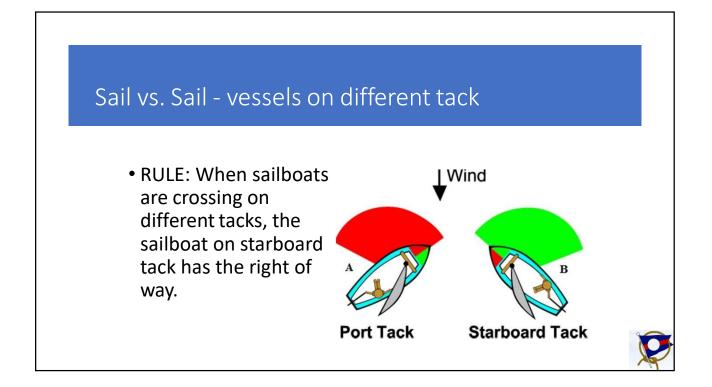


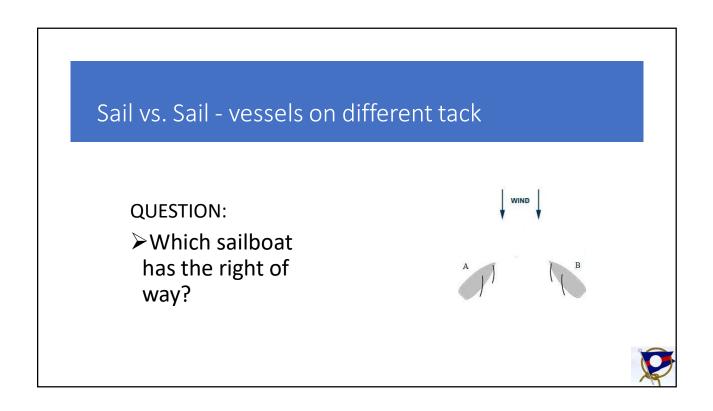


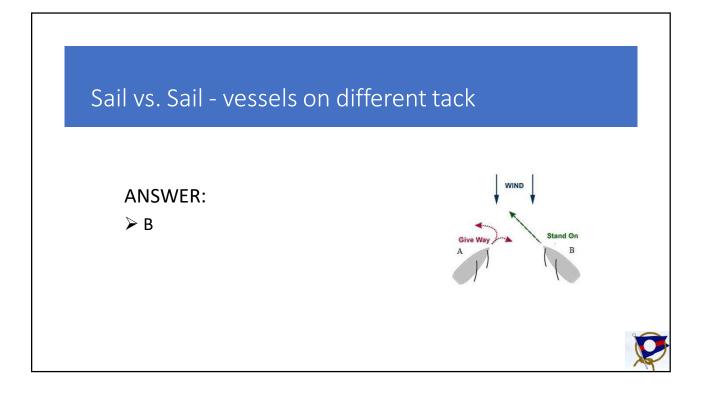












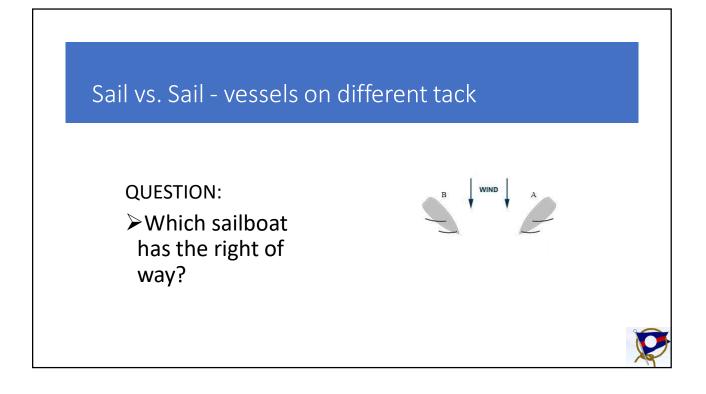
Sail vs. Sail - vessels on different tack

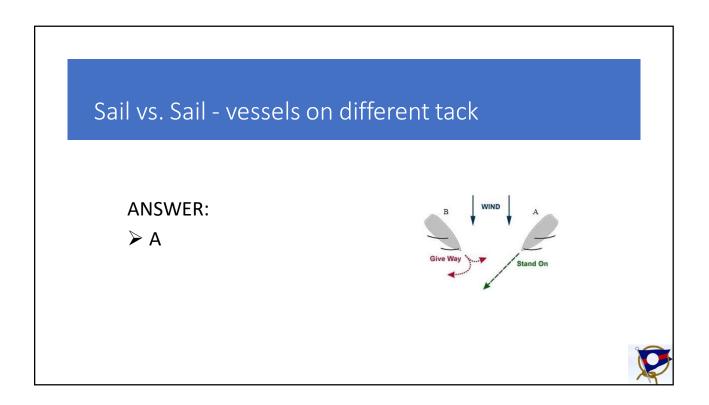
Here's what this might look like:

These boats are on different tacks.

Our boat is on **starboard tack** and the other vessel is on **port tack** so we have the right of way and the other vessel must give way.







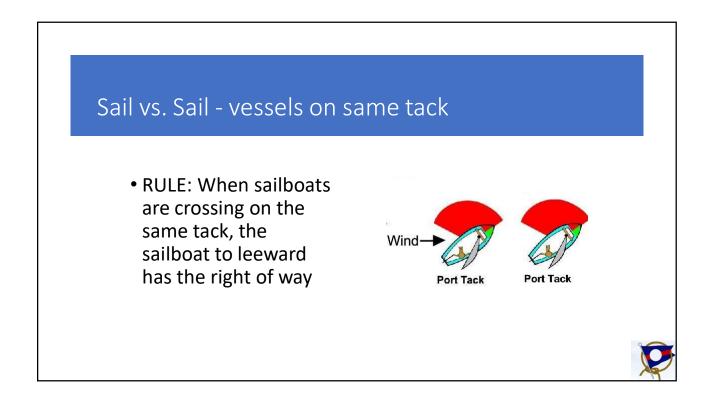
Sail vs. Sail - vessels on different tack

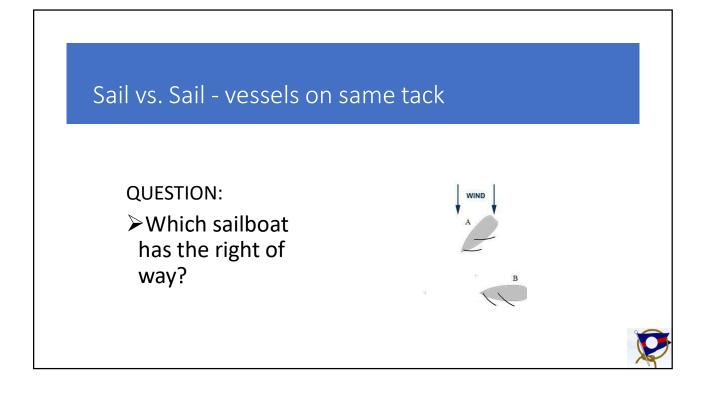
Here's what this might look like:

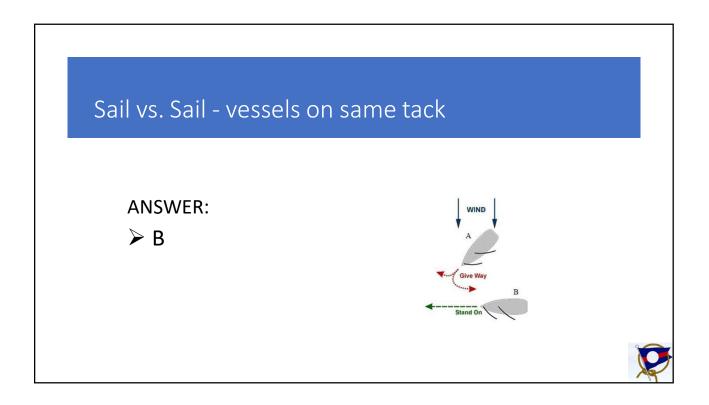
These boats are on different tacks

Our boat is on **port tack** and the other vessel is on **starboard tack** so we must give way.

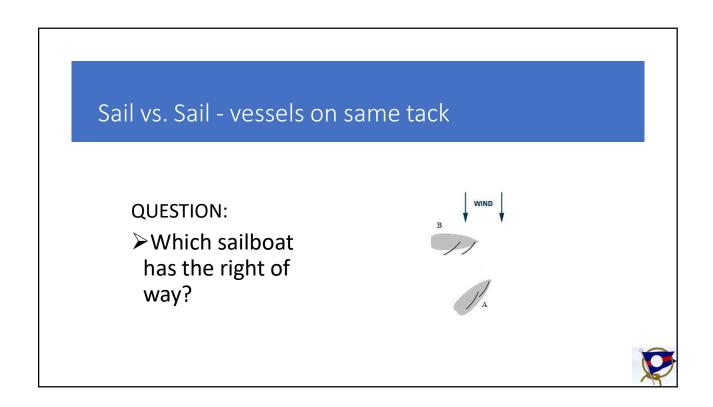


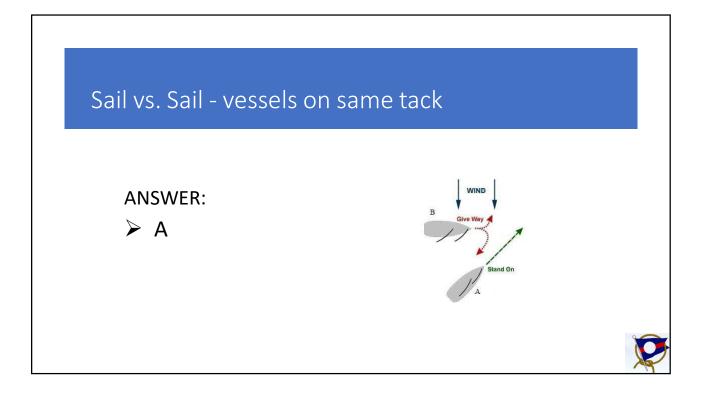






Sail vs. Sail - vessels on same tack Here's what that might look like: Note both boats are on starboard tack Our boat is downwind of the other boat so we have right of way





Sail vs. Sail - vessels on same tack

Here's what that might look like:

Note both boats are on starboard tack

Our boat is upwind of the other boat so it has the right of way and we must give way

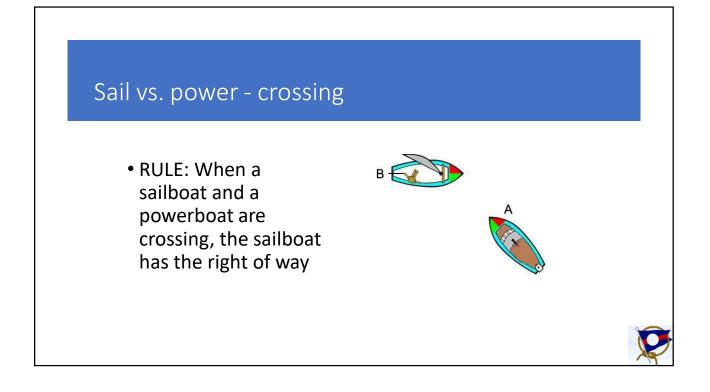


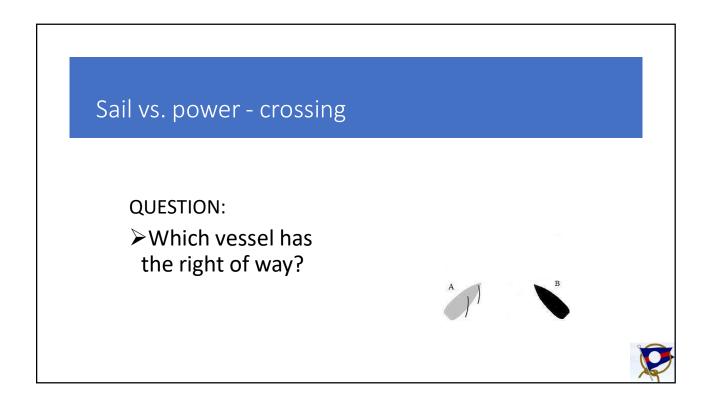
Sail vs. Sail - Summary

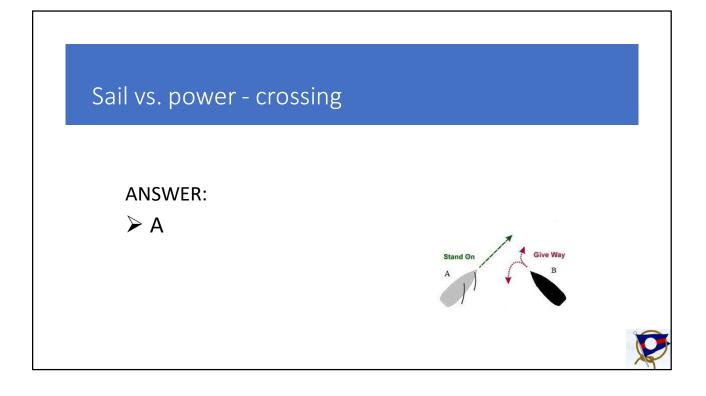
SFERNHURST BOOKS

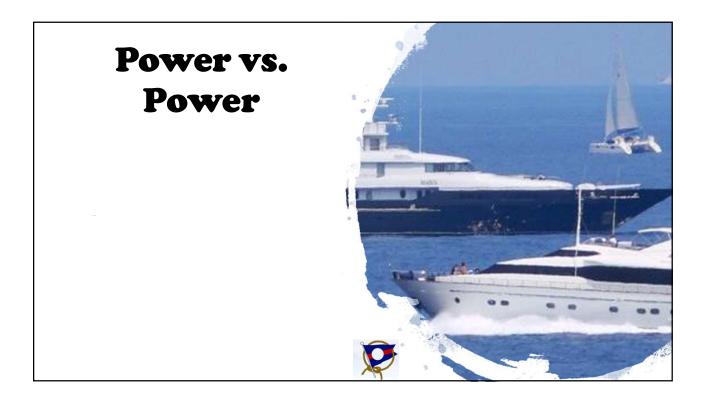
https://www.youtube.com/watch?v=iS8dO0QjU5Q

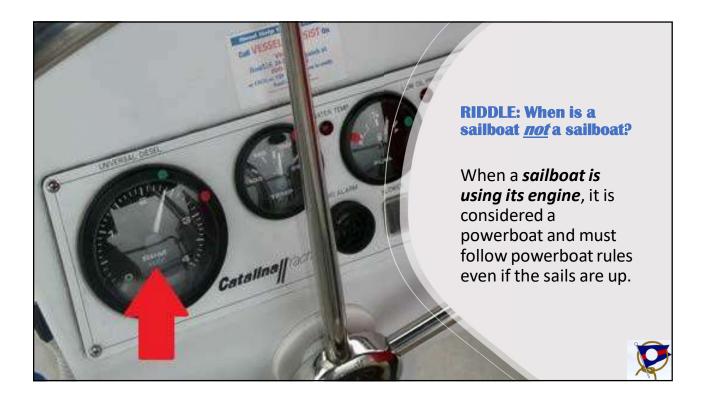






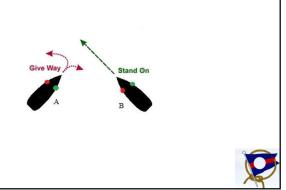






Power vs. Power - crossing

 RULE: When two powerboats are crossing the boat to starboard has the right of way

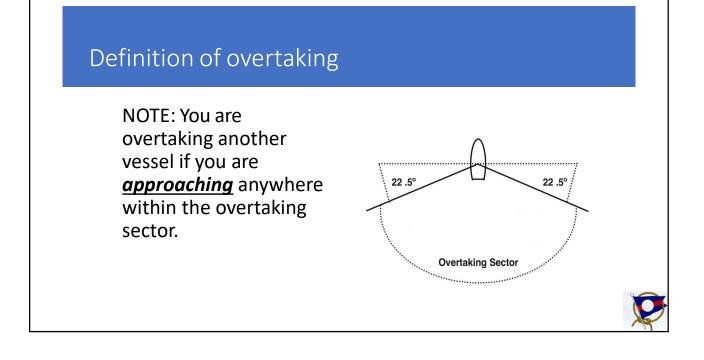


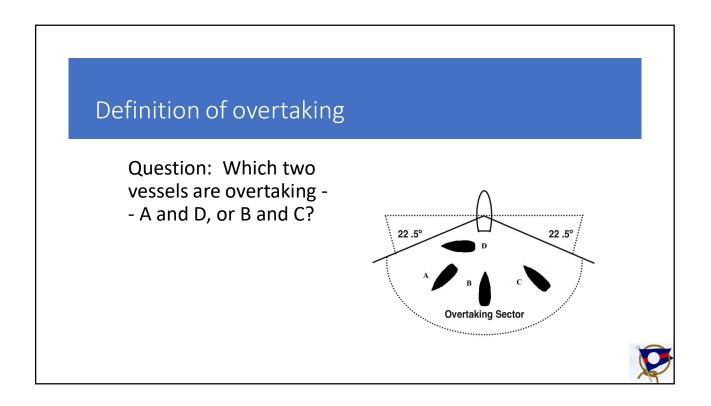
Power vs. Power – head to head

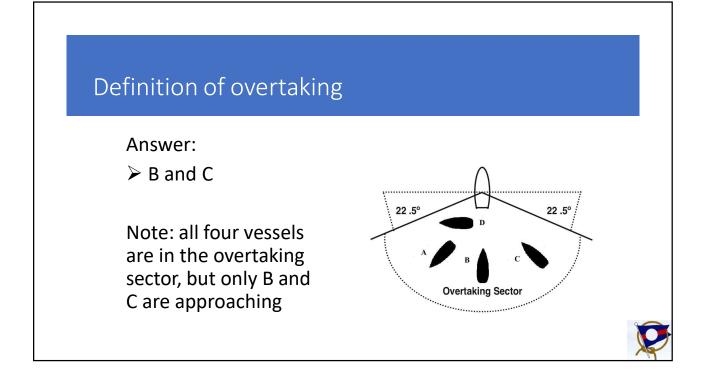
 RULE: When two powerboats are approaching head to head, each boat gives way to starboard

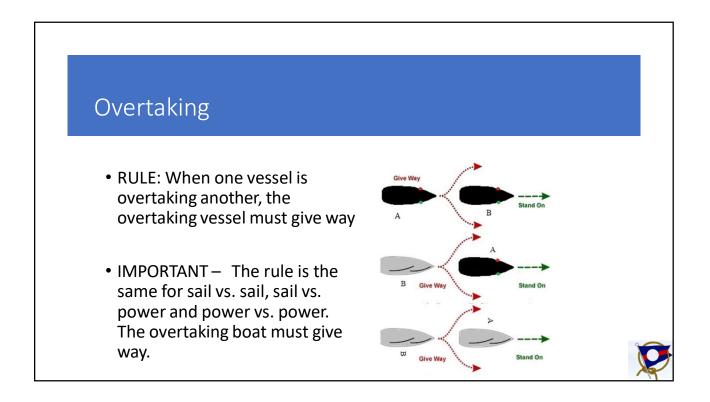


A Give Way











Summary

 Remember the common sense principles underlying right of way rules: Keep a good lookout, be prepared to take early action to avoid collisions and act prudently and defensively.

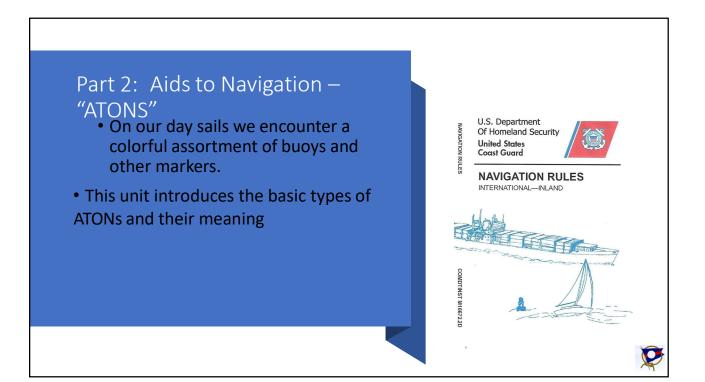
Summary

- Remember the common sense principles underlying right of way rules: Keep a good lookout, be prepared to take early action to avoid collisions and act prudently and defensively.
- Remember that an underlying theory of right of way rules is to give way to less maneuverable vessels.



Summary

- Remember the common sense principles underlying right of way rules: Keep a good lookout, be prepared to take early action to avoid collisions and act prudently and defensively.
- Remember that an underlying theory of right of way rules is to give way to less maneuverable vessels
- Study and understand the basic rules for sail vs. sail, sail vs. power, power vs. power and overtaking.



Types of markers: Buoys

Buoys

Float on the surface, moored to the bottom Some have lights, some do not Three basic shapes:

- Buoy
- Can buoy
- Nun buoy

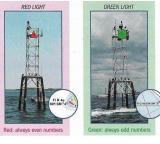


Types of markers: Lights and beacons

Lights

A light permanently fixed to the bottom or a jetty

Daybeacons Beacons without a light





RED DAYBEACO

A Field Guide to Dana Point ATONs



Informational ATONs: hazards and restrictions

White and orange markers warn of danger, mark restricted areas and even tell you where to fuel up.









Lateral Markers

These ATONs indicate the port and starboard side of the channel <u>when</u> <u>entering the channel from outside</u> <u>the harbor</u>. These may be buoys, cans or daymarks.

GREEN markers (with odd numbers) indicate the port side of the channel RED markers (with even numbers) indicate the starboard side of the channel



Lateral Markers

When entering the harbor, remember the "three rs" of navigation.

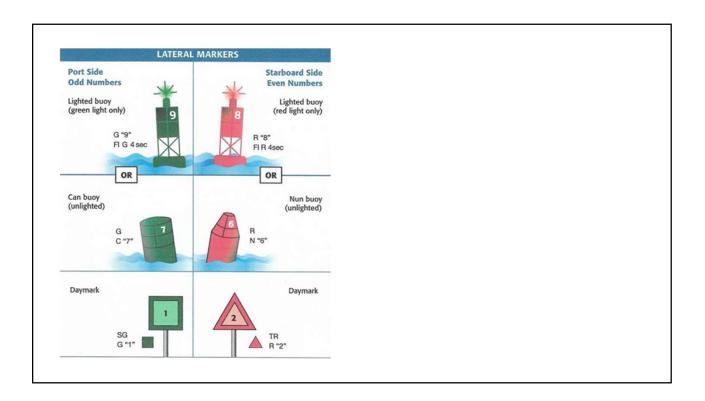
RED, RIGHT, RETURNING

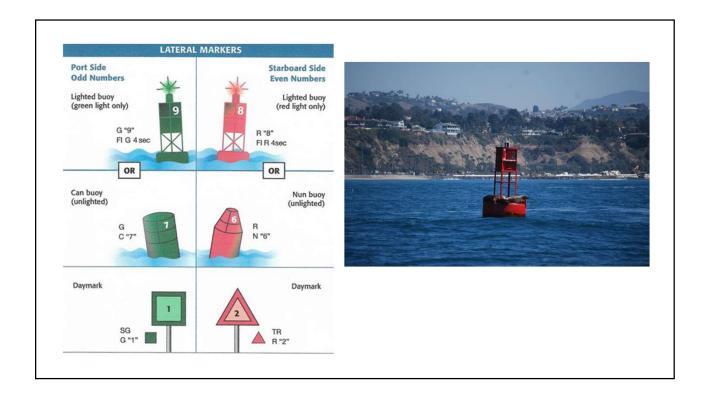
That is, keep the red markers to your right when returning to the channel from the open ocean.

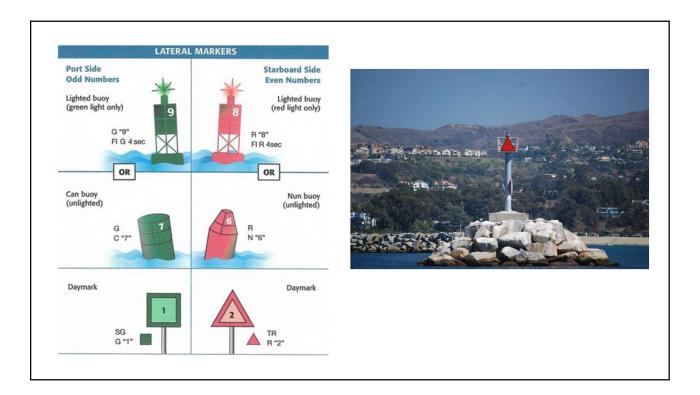
(Note: this applies in North America, Central America, South America, the Philippines, Japan and Korea. The reverse applies n Europe, Australia, New Zealand, parts of Africa and most of Asia.)

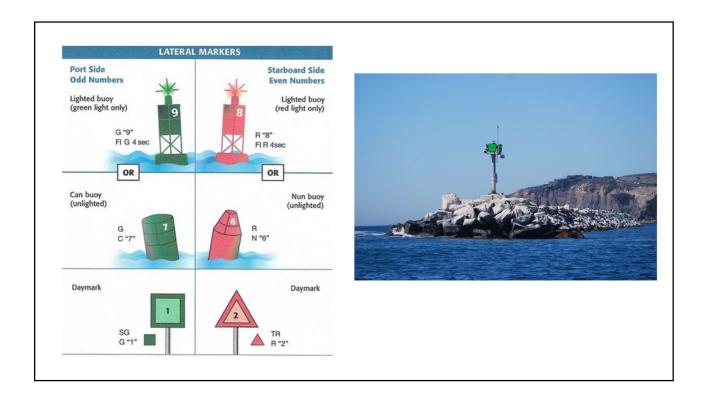


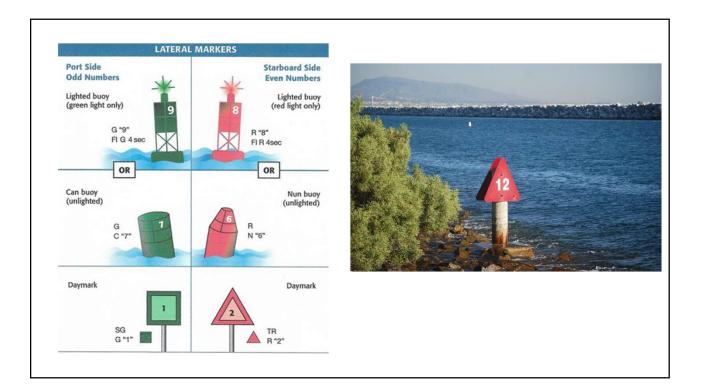


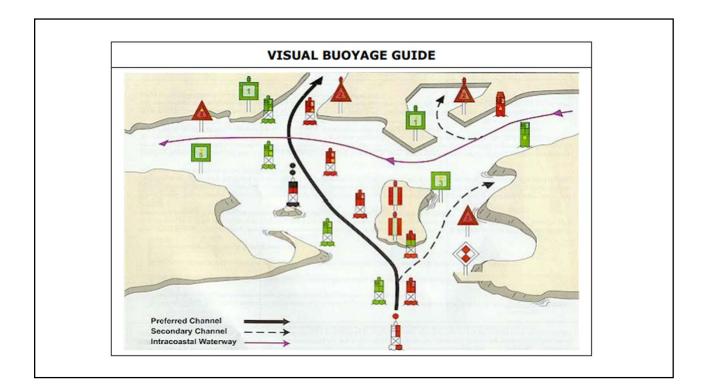


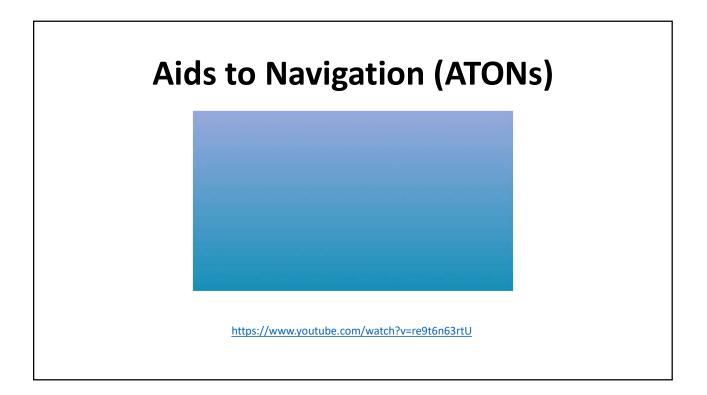


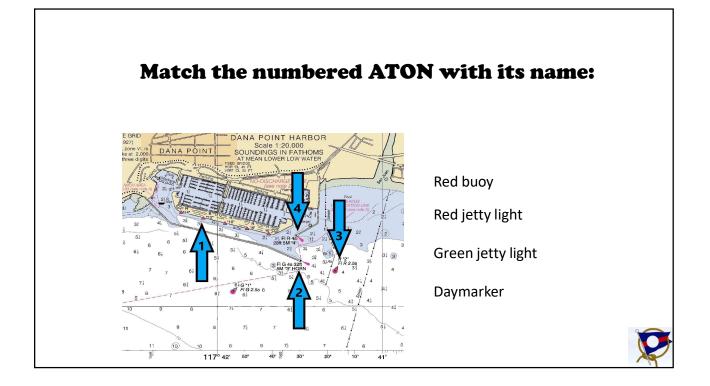


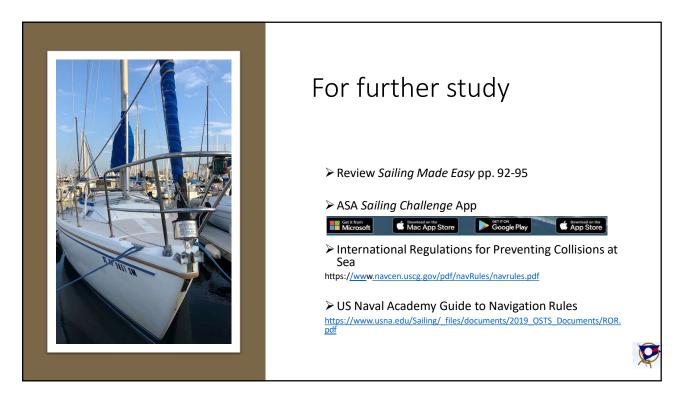






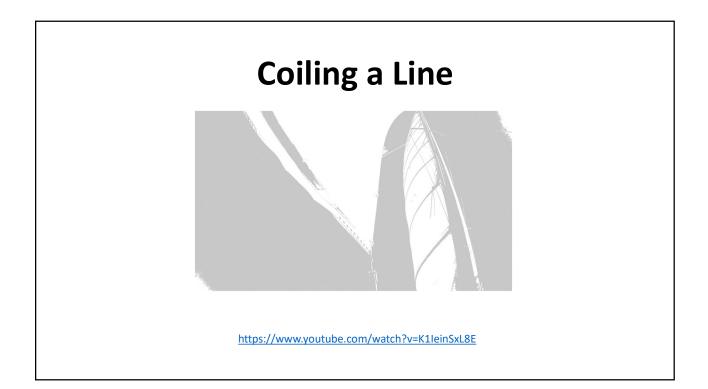






Knot Lesson

Coiling a Line



On the Water Sessions

- March 11 Skipper Darrel Vorderstrasse
- March 18 Skipper Jack Dunnigan Postponed
- March 25 Skipper Pat Rojek
- April 1 Skipper Darrel Vorderstrasse
- April 8 Skipper Jack Dunnigan

Homework for Next Week Open bookOme prepared to discuss at March 27 class