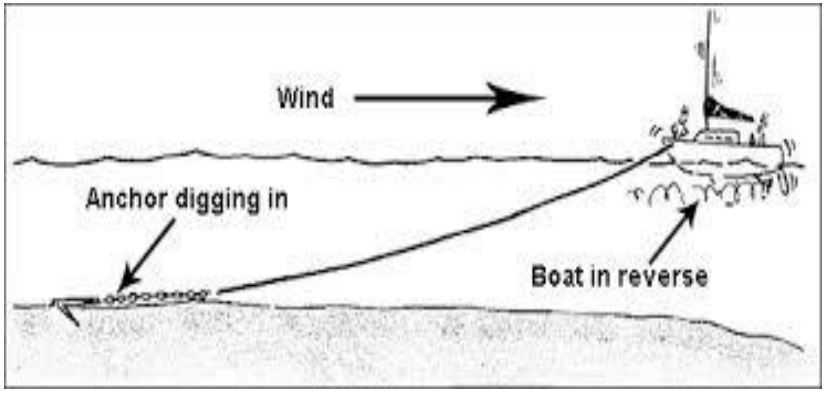
Anchoring & Mooring

Setting the Anchor

- Secure the bitter end of the anchor line to a bow cleat. Make sure the line is ready to run free once tossed overboard.

- Head into the wind or current. Reduce speed and reverse the engine. When the wind or current starts to move the bow through the water, lower - do not throw - the anchor.

- After you've let out about a third of your line, the bow of the boat should swing to head into the wind on the anchor line, then continue to let out more rode.
- Once you let out an appropriate amount of scope, make sure the line is properly tied off on the bow cleat and put the boat in reverse once more to secure the anchor.



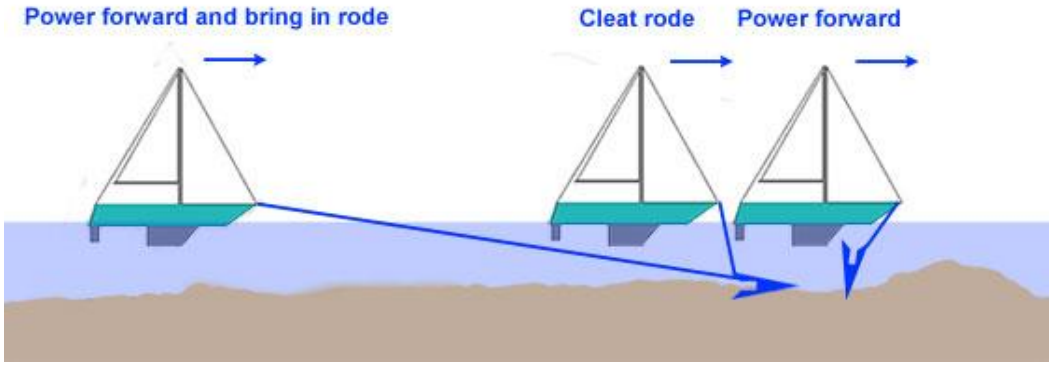
- It's a good idea to take two immediate bearings. Select two items, one off each beam, that form a natural range and watch for any changes in their relationship. You can check these later to determine if you're boat is swinging as expected or if you're dragging anchor.

WATCH OUT!!!!
Common Anchoring Mistakes

- Letting the anchor go with out securing the line to the boat.
- Letting the anchor go with your foot wrapped in the anchor line.
- Poor communication between the captain and person on the foredeck.
- Finally, **never ever** anchor a small boat by the stern! Your engine, and the bulk of the boat's weight rest here. Stern anchoring is likely to result in swamping and flooding.

Retrieving the Anchor

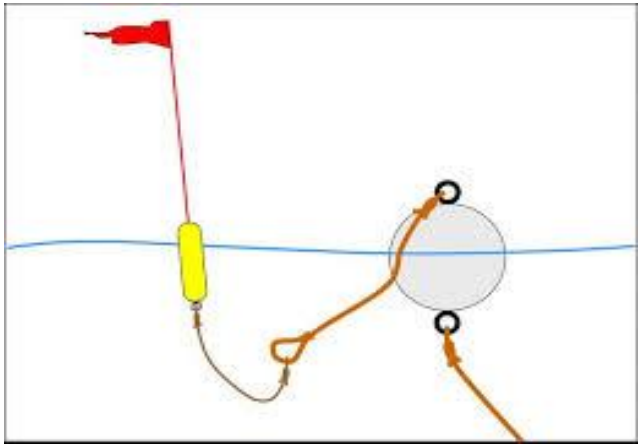
- SLOWLY move the boat forward while the person on the bow pulls in the anchor line.
- When you are above the anchor – the line will be straight down – put the boat in neutral and tie off the anchor line on the bow cleat.
- If you cannot pull the anchor out by hand, keep the anchor line secured to the cleat and move the boat forward slowly until the anchor is free.
- Put the boat back in neutral until the anchor is safely aboard the boat



Picking Up a Mooring

- Approach a mooring from downwind. This will give you better maneuverability as you go to secure your boat to the ball.
- Crew on the bow should have a boat hook to grab the the eye or the base of the mooring ball. When using a boat hook remember to go over the lifelines, not in between.
- Once the mooring ball is at the bow--slow, stop or gently reverse engines to halt forward motion. Crew should relay distance information if it is difficult for the skipper to see where the mooring ball is in relation to the boat.

- Loop the mooring line over one or both of your bow cleats. Pay attention to the possibility of chafing. You may want to use your own line to attach to the mooring ball.
- Some moorings may have an antenna like device called 'whip.' This is simply an extension of the ball so you don't have to reach as far to haul in the mooring line.

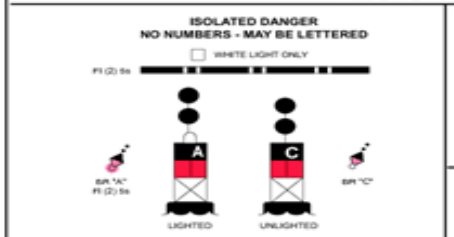


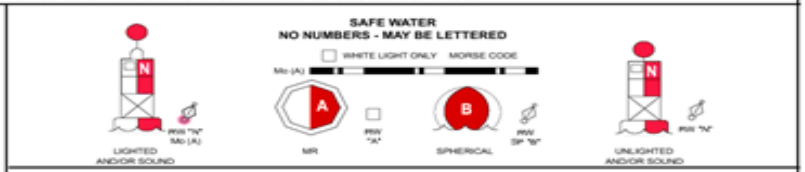
- Once secure, let the boat drift back and be sure that you are clear of those who have moored or anchored around you. There is no need to 'back down' on a mooring ball.
- Leaving a mooring is easy--just motor or pull up gently to the ball and release the mooring line from your boat. You can then either drift back or maneuver forward to clear yourself of the ball and the associated ground tackle.

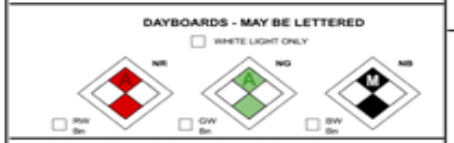
U.S. AIDS TO NAVIGATION SYSTEM
on navigable waters except Western Rivers

LATERAL SYSTEM AS SEEN ENTERING FROM SEAWARD

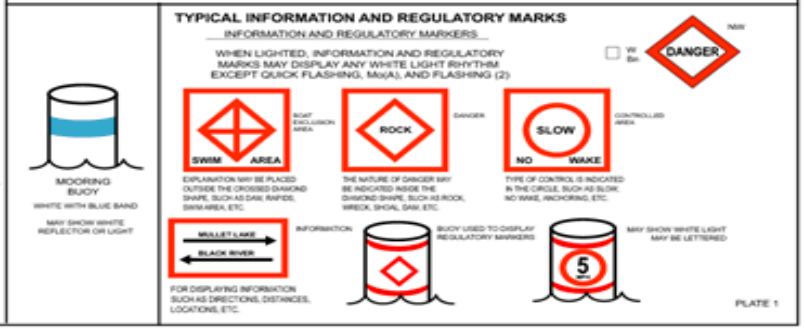
AIDS TO NAVIGATION HAVING NO LATERAL SIGNIFICANCE

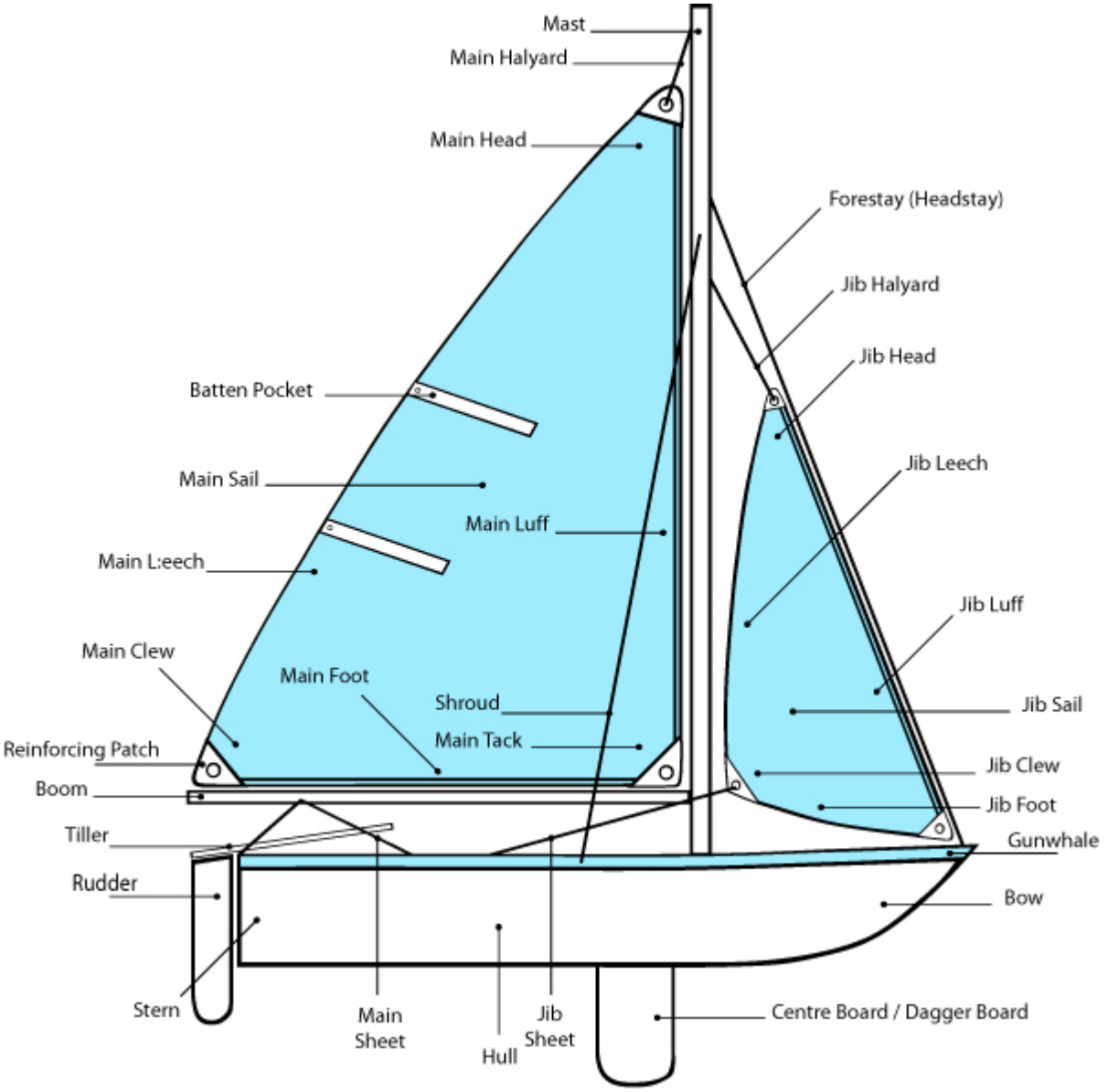






Aids to Navigation marking the Intracoastal Waterway (ICW) display unique yellow symbols to distinguish them from aids marking other waters. Yellow triangles △ indicate aids should be passed by keeping them on the starboard (right) hand of the vessel. Yellow squares ■ indicate aids should be passed by keeping them on the port (left) hand of the vessel. A yellow horizontal band ▬ provides no lateral information, but simply identifies aids as marking the ICW.




Mast
Main Halyard
Main Head
Forestay (Headstay)
Jib Halyard
Jib Head
Batten Pocket
Jib Leech
Main Sail
Main Luff
Main L:eech
Jib Luff
Main Clew
Main Foot
Shroud
Jib Sail
Main Tack
Reinforcing Patch
Jib Clew
Boom
Jib Foot
Tiller
Gunwhale
Rudder
Bow
Stern
Main Sheet
Hull
Jib Sheet
Centre Board / Dagger Board

Weather Apps for Androids

- Accuweather
- WeatherBug
- Eye in Sky
- Weather by Macropinch
- InstaWeather
- GO Weather Forecast & Widget
- WeatherBomb
- 1Weather
- The Weather Channel
- Storm Eye
- Raindar

Weather Apps for iPhones & iPads

- Accuweather Platinum
- Dark Sky
- Seasonality Go ($6)
- Weather Underground
- Weathertron ($2)
- Weather Cal
- The Weather Channel
- WeatherBug
- Weather Underground
- Raindar

Web Sites & Apps

- Tow Boat US & SeaTow
- http://yachtpals.com/
- SkipperTips.com https://www.youtube.com/watch?v=MFFc1Ft6fzY
- http://cgaux.org/
- http://www.nauticed.org/ - subscription
- Basics of Sailing/The Sailing Simulator
- Tides Near Me