



NCI Runton

National Coastwatch Institution

Some of the vessels that can be seen along our
Coastline

Drawings courtesy of

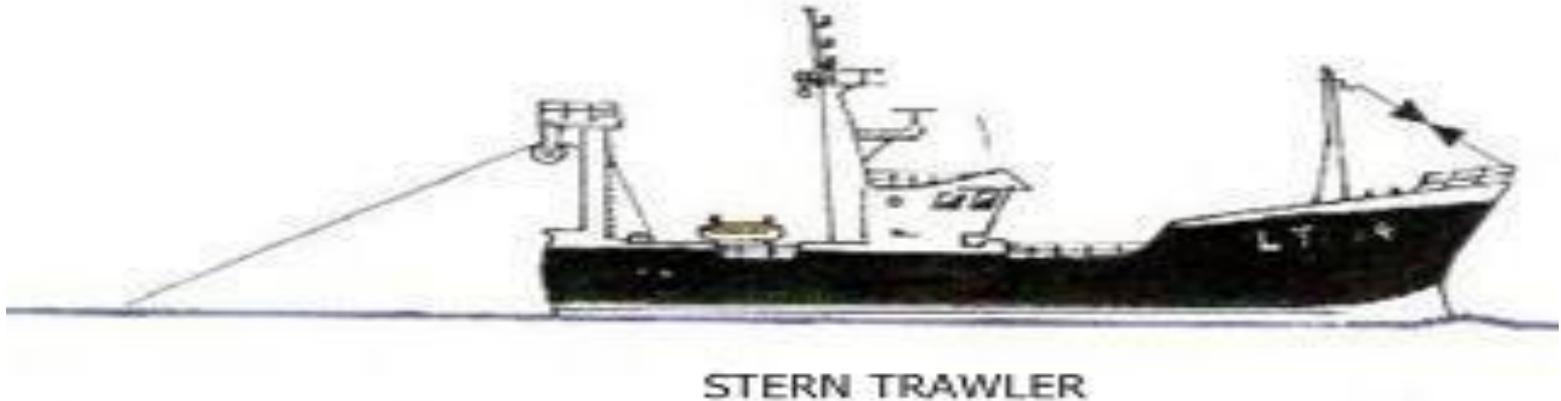
Richard May Master Mariner

Beam Trawler



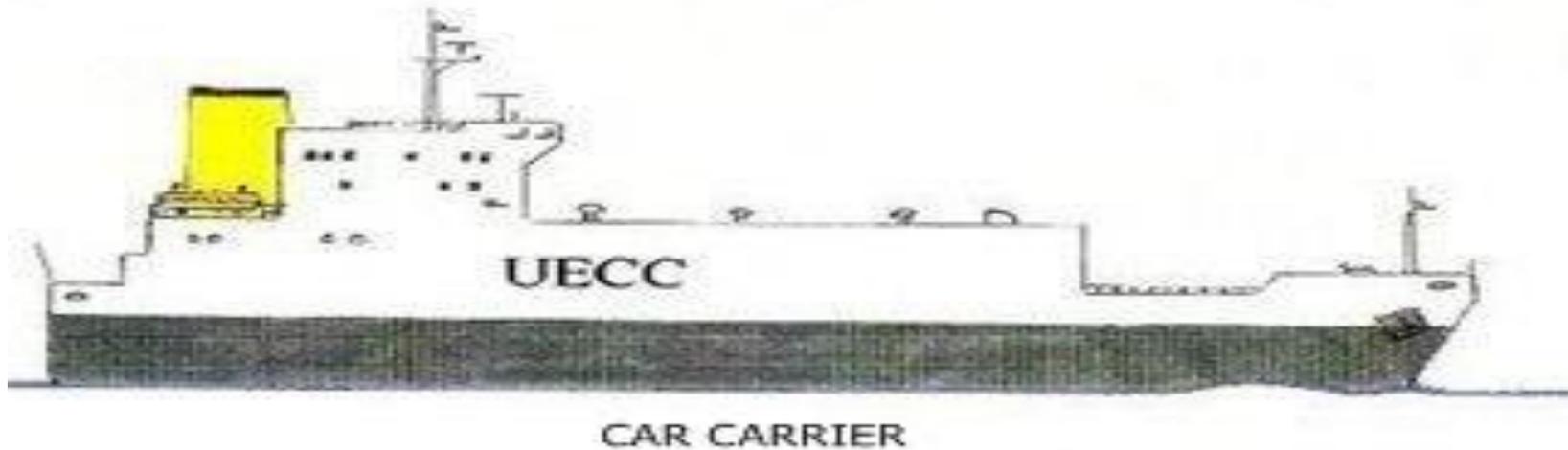
A medium sized vessel that has powerful engines, fishing nets are towed through large outriggers one on each side, these trawler can work singly or as a pair.

Stern Trawler



These vessels are usually larger and more stable with hulls strengthened to withstand the most severe weather conditions. Trawl gear is worked through the stern.

Car Carrier



These vessels are designed and classified to carry mainly new cars, vans and lorries, from production to suppliers worldwide.

Container Ship



CONTAINER SHIP

These vessels can be either large or small and are designed to solely transport containers.

Tanker



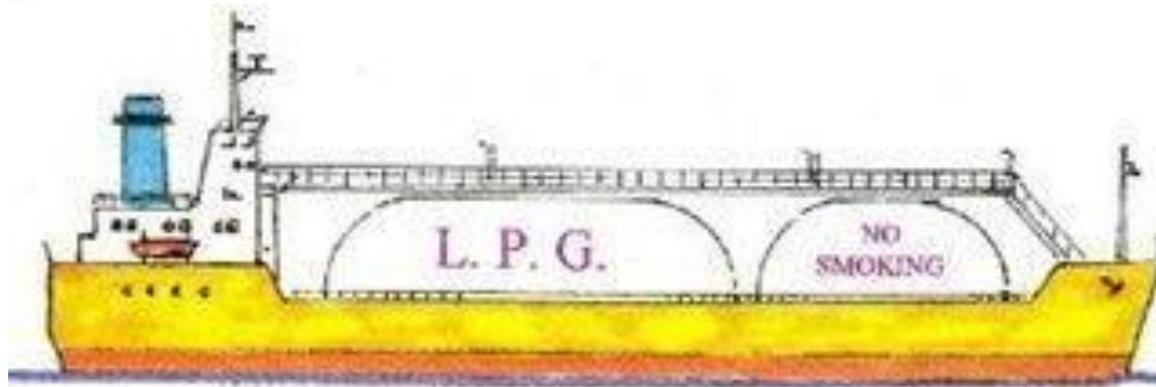
LARGE TANKER (Empty)



LARGE TANKER (Full)

These vessels trade worldwide. They carry bulk liquids mainly chemicals or petroleum products. Usually classified as Oil or Chemical tanker.

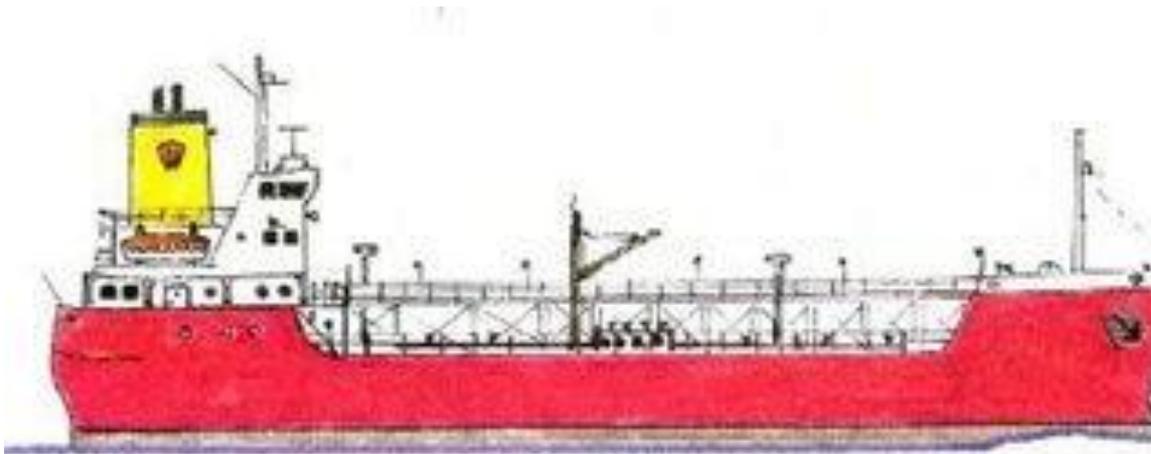
Gas Tanker



GAS TANKER

A vessel to carry Liquid Petroleum Gas, can be ocean going vessels or coastal vessels.

Coastal Tanker



COASTAL TANKER

These vessels are used to transport cargo to smaller ports within the same continent, they have a shallower draught allowing access to smaller harbours etc.

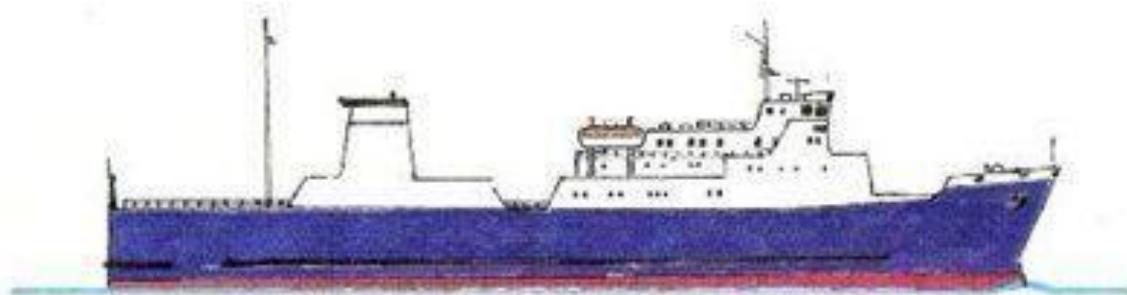
Cruise Ship



CRUISE SHIP

These vessels are used to transport large volumes of passengers on pleasure voyages, these vessels have a wide range of amenities onboard, voyages can be to specific regions or worldwide cruises.

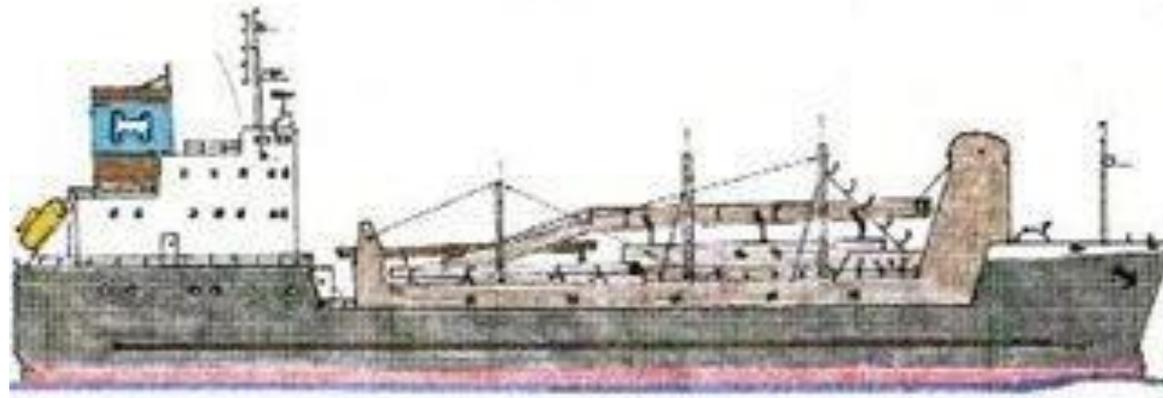
Freight Ferry



FREIGHT FERRY

These vessels are often termed as Roll-on/Roll-off (ro-ro). With built in ramps that enables the cargo to be driven on and off the ferry.

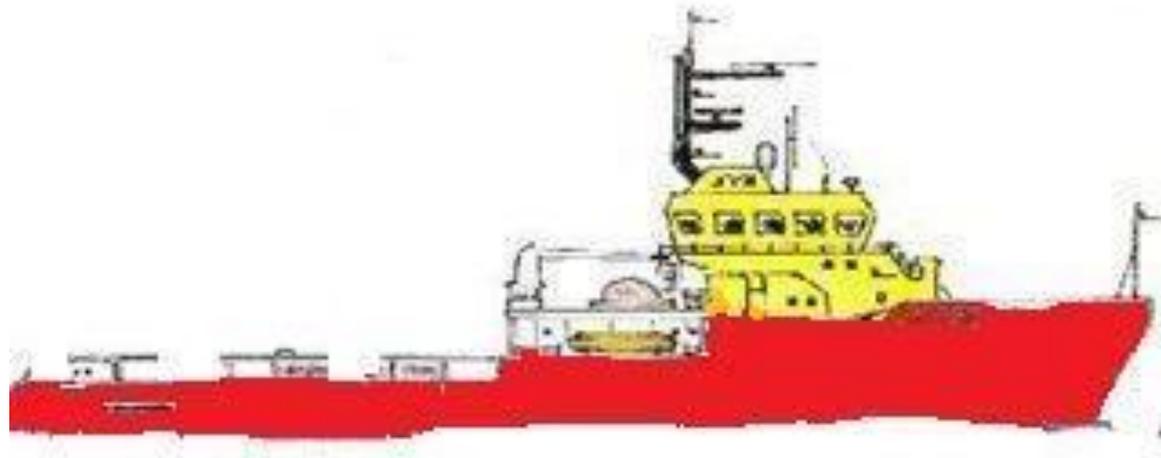
Dredger



DREDGER

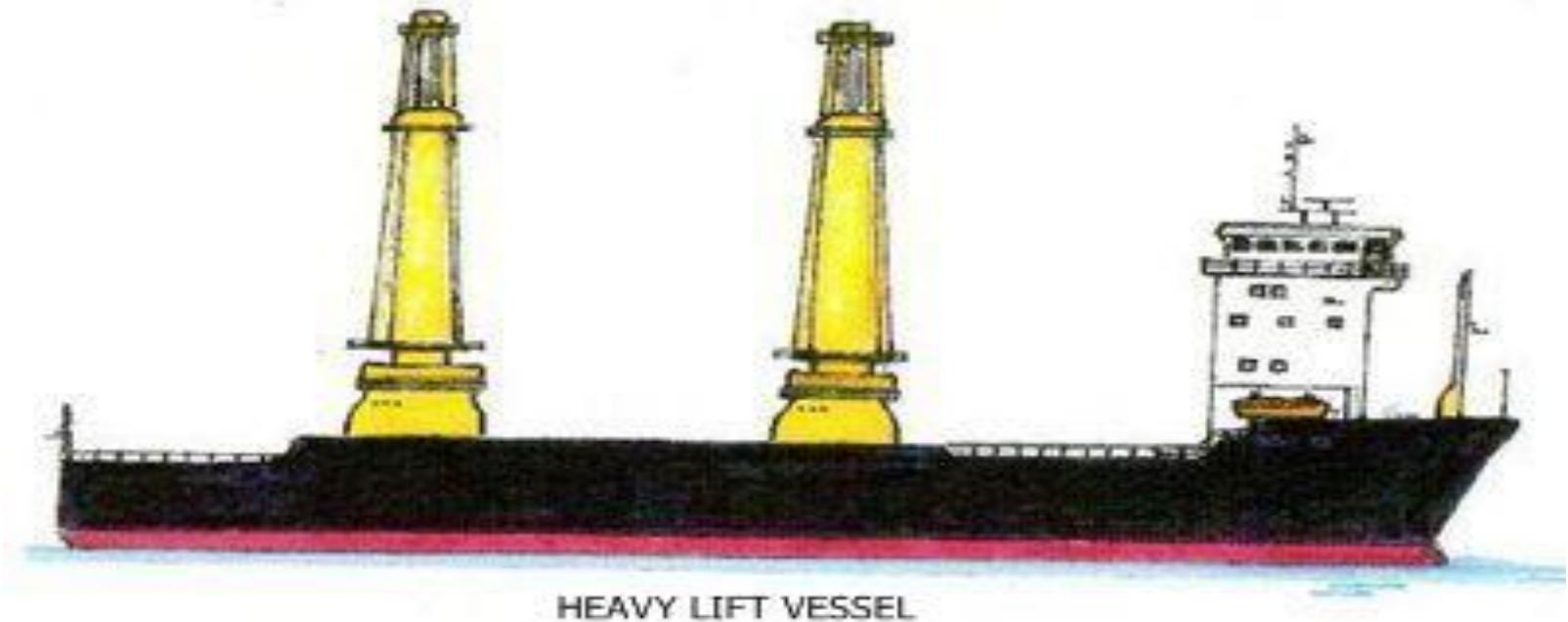
These vessels are used to maintain navigation channels or can be used to extract sand for commercial purposes. These days these vessels are usually suction operated, but there are still a few bucket dredgers in operation today.

Rig Supply Vessel /Ocean going Tug



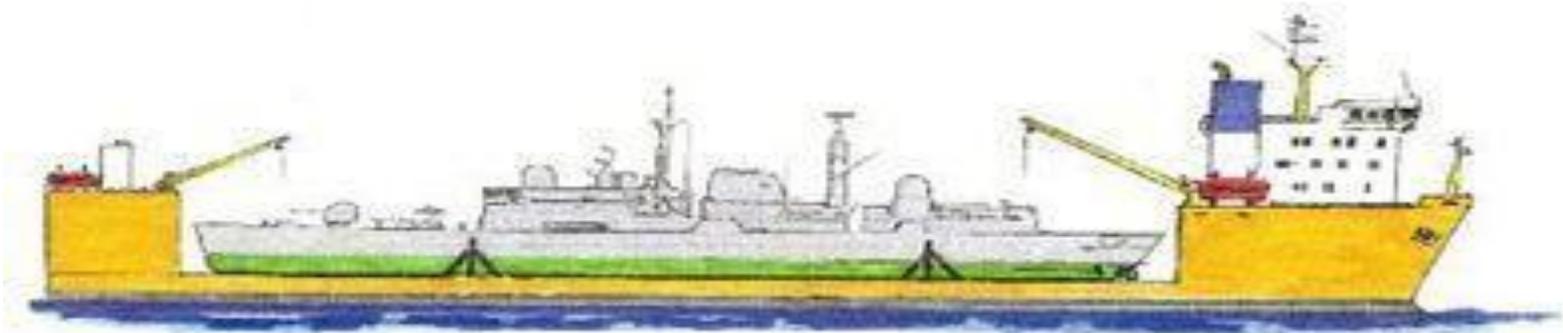
RSV vessels are used to carry cargo and personnel to and from oil production platforms. They are also used as safety vessels, having fire and medical capabilities. Ocean going Tugs are used for vessels in distress or towing large barges/jack up rigs.

Heavy Lift Vessel



These vessels are used for very heavy cargos that cannot be handled by conventional cargo ships.

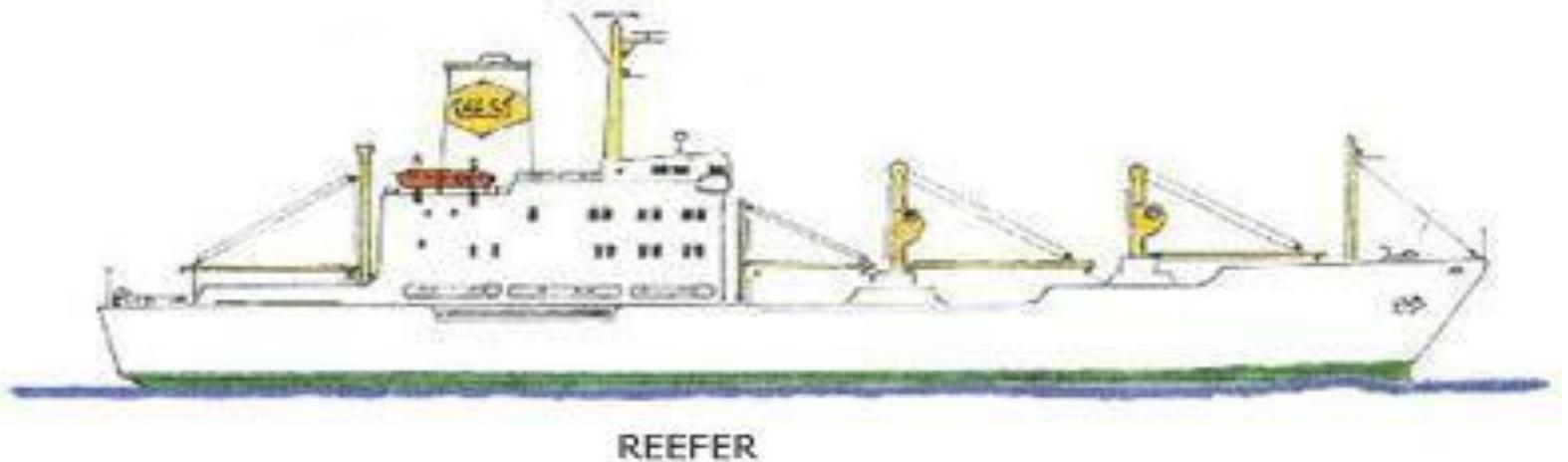
Semi-Submersible Vessel



SEMI-SUBMERSIBLE VESSEL

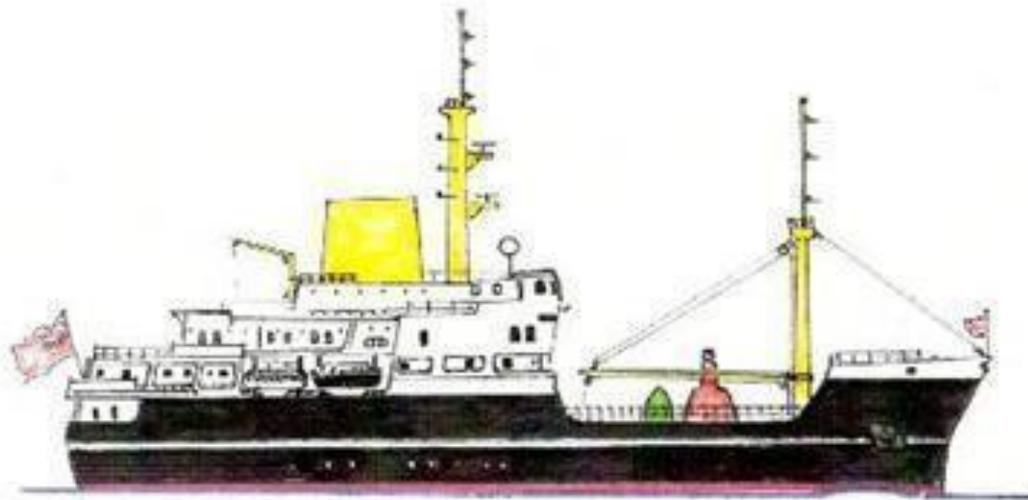
These vessels are Float on/Float off (flo-flo) vessels that are capable of lifting the ships out of the water via flotation and transporting them on their deck.

Reefer



These vessels are used to transport perishable cargos such as: Bananas(Fruit)/Vegetables/Meat/Dairy Products. The holds are refrigerated allowing temperature control to maintain freshness and ripeness of the cargo.

Trinity House Vessel



TRINITY HOUSE VESSEL

These vessels are used to maintain the lighthouses and buoy systems around our seas and ports, marking such things as sand banks/wrecks etc. These vessels can also be used for third party contracts.

Harbour Tug



These vessels are mainly used to assist vessels in and out of harbour, they can be used to tow barges within busy ports. They can also have firefighting equipment installed and ice-breaker capabilities.

All Weather Lifeboat



These vessels are the backbone of our maritime rescue service, these all weather lifeboats are manned by volunteers in the UK and Ireland. The vessel is capable of a rapid response and has a range of approximately 250 nautical miles. Providing capability for various emergency sea rescues.

Cabin Cruiser



These vessels are usually private pleasure/fishing craft, on occasions they may be used as personnel carriers on commercial projects, i.e. wind farms.

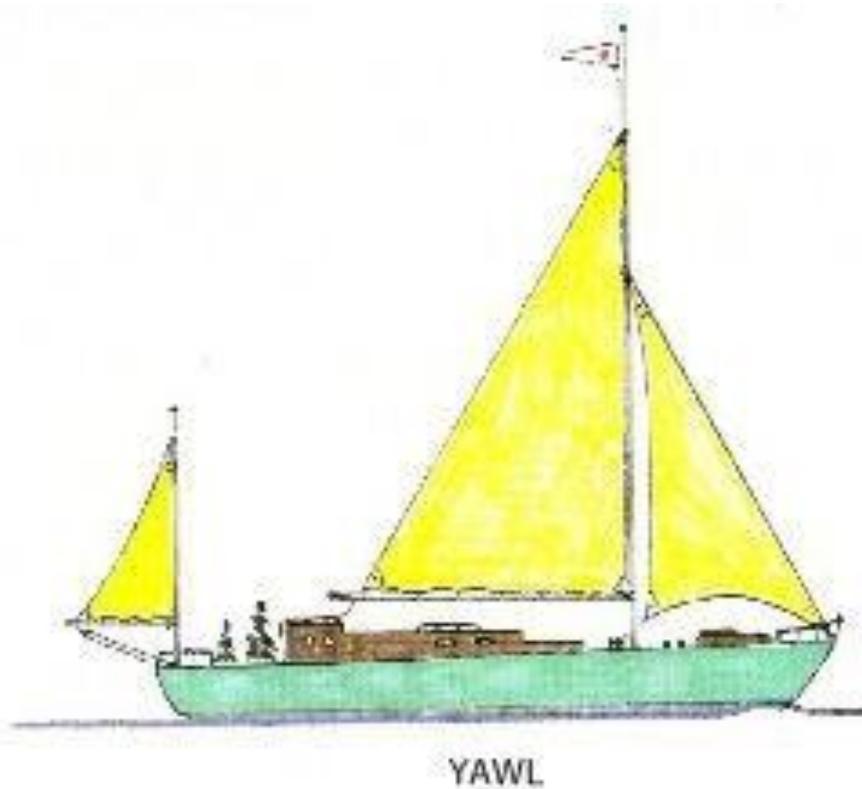
Gaff Yawl



GAFF YAWL

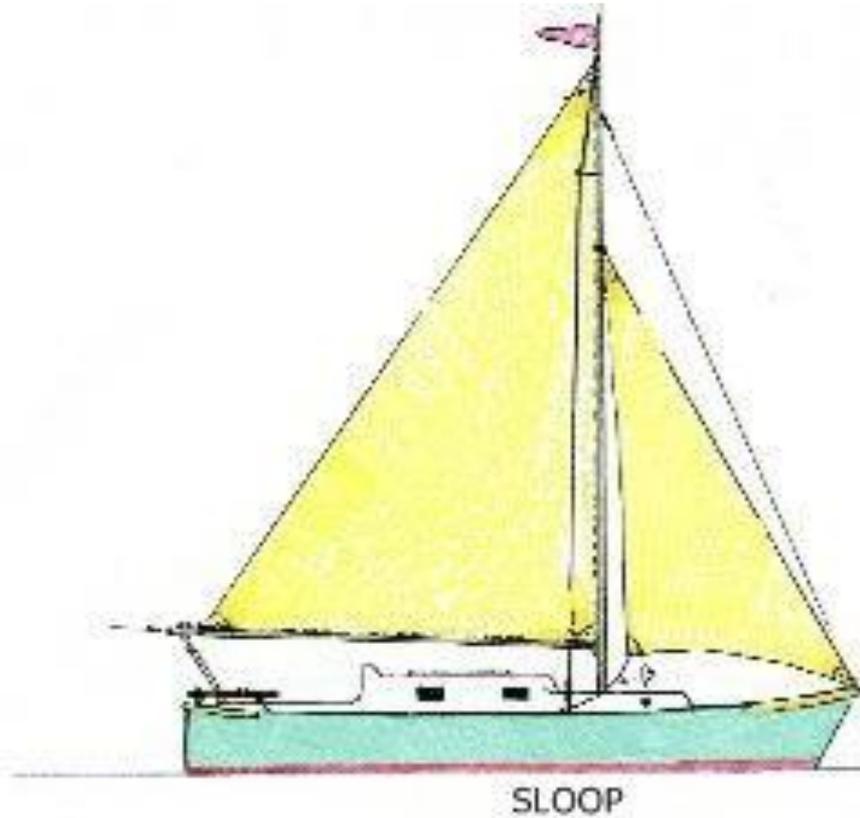
These sailing vessels, have two masts, a main mast with gaff rig and a shorter mizzen mast located after the rudder post.

Yawl



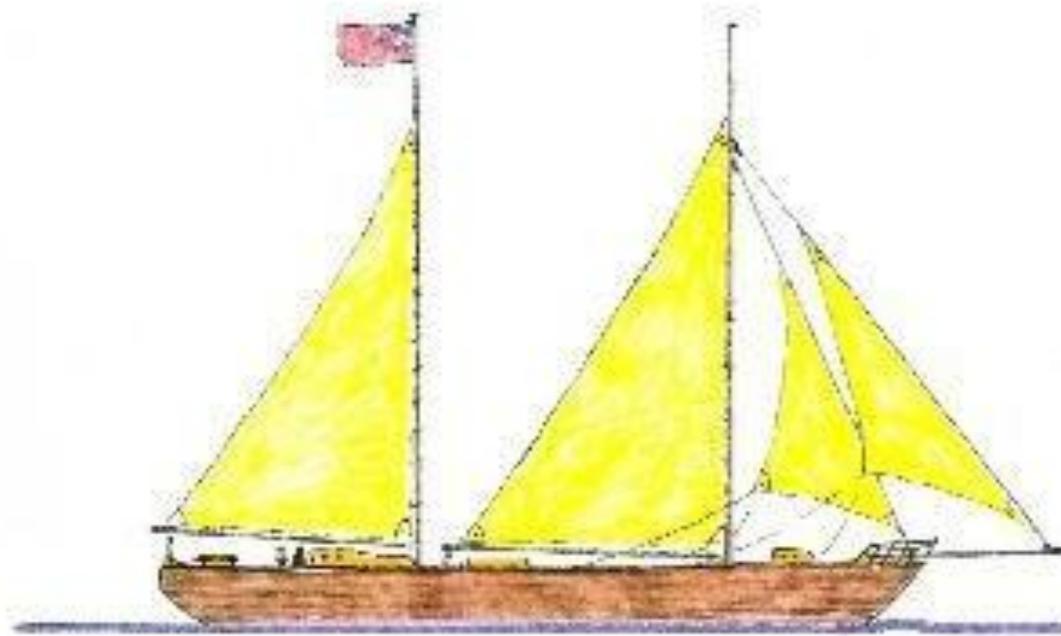
These sailing vessels have two masts, main mast and main sail with a smaller mizzen mast aft the rudder post.

Sloop



These sailing vessels have one mast with a fore sail in front of the mast and a main sail with a boom after the mast.

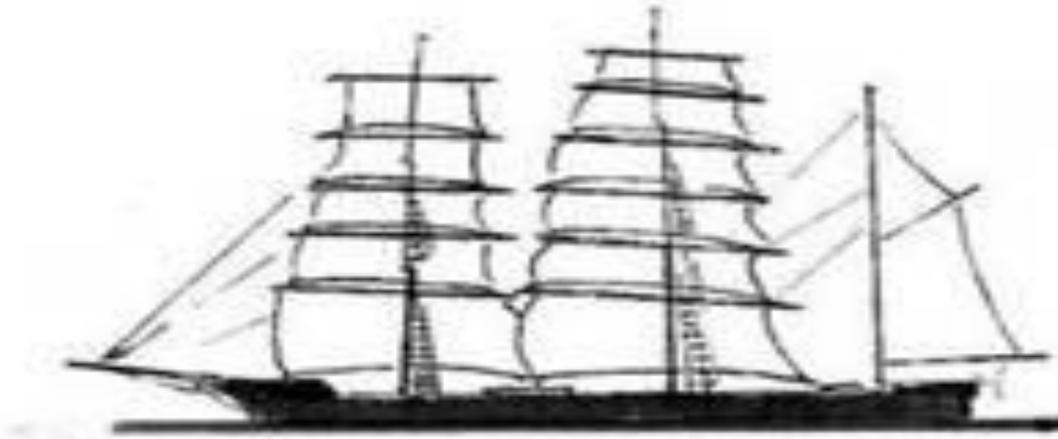
Schooner



SCHOONER

These vessels have two or more masts with fore and aft sails, the fore mast being shorter than the main mast.

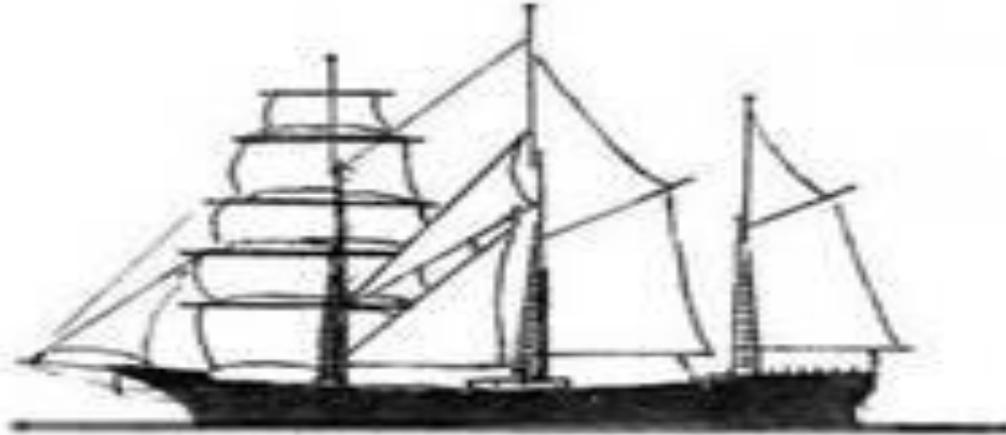
Barque



BARQUE

Three or more masts
Square rig on all except the aft mast

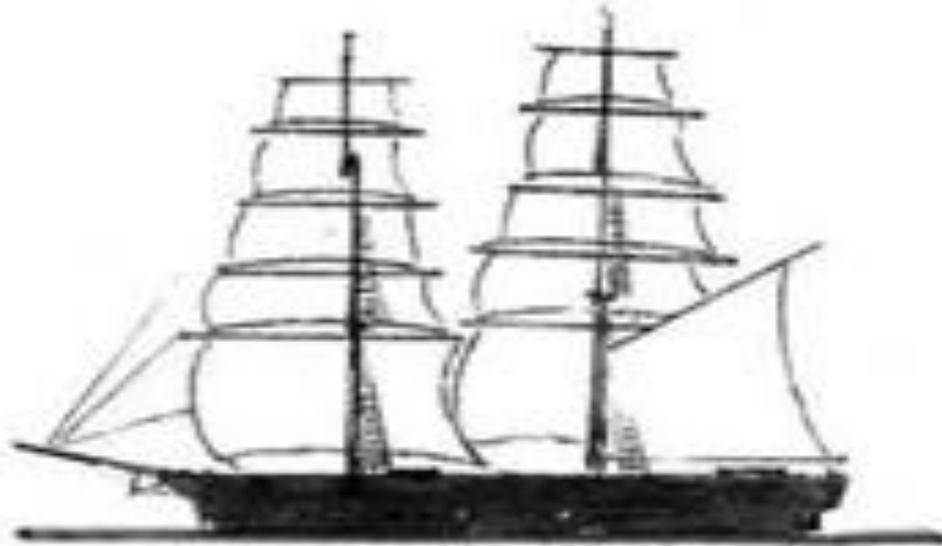
Barquentine



BARQUENTINE

Three or more masts
Square rig on foremast only

Brig



BRIG

Two masts

Square rig on both masts

Brigantine



BRIGANTINE

Two masts
Square rig on foremast only

We hope you enjoyed
this presentation

NCI Runton. The car park. Beach Road. East Runton. Norfolk. NR27 9AP
Charity Number: 1045645