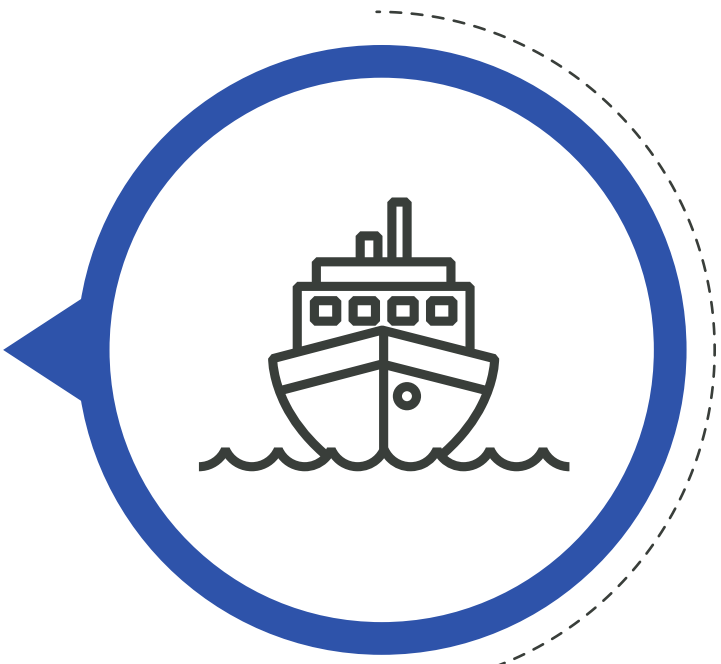


# THIS IS HOW LONG IT TAKES TO FUEL A CRUISE SHIP

The length of time it takes to refuel a cruise ship varies widely based on the size of the vessel and its gas tank, as well as the capacity and capability of the refueling barge. But, on average, the ratio for refueling a cruise ship is 110 tons (about 3,500 gallons) of fuel per hour.

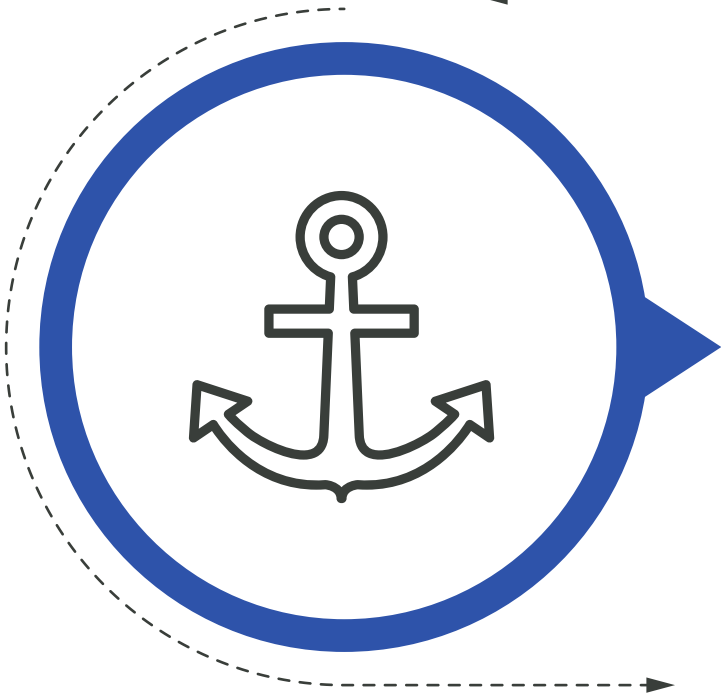
01

The frequency of refilling the fuel in a cruise ship varies widely. Smaller cruise ships will naturally consume less fuel, and cruise ships that are traveling slower will use less as well. There are two important items to keep in mind when calculating how often a cruise ship needs to be refueled. The first is that the average cruise ship will burn between 30-50 gallons of fuel per nautical mile. The second is that a good-sized barge can hold about 450,000 gallons of fuel to supply to cruise ships.



HOW OFTEN DOES A CRUISE SHIP NEED TO BE REFUELED?

IT'S THE BARGE'S JOB TO REFUEL CRUISE SHIPS



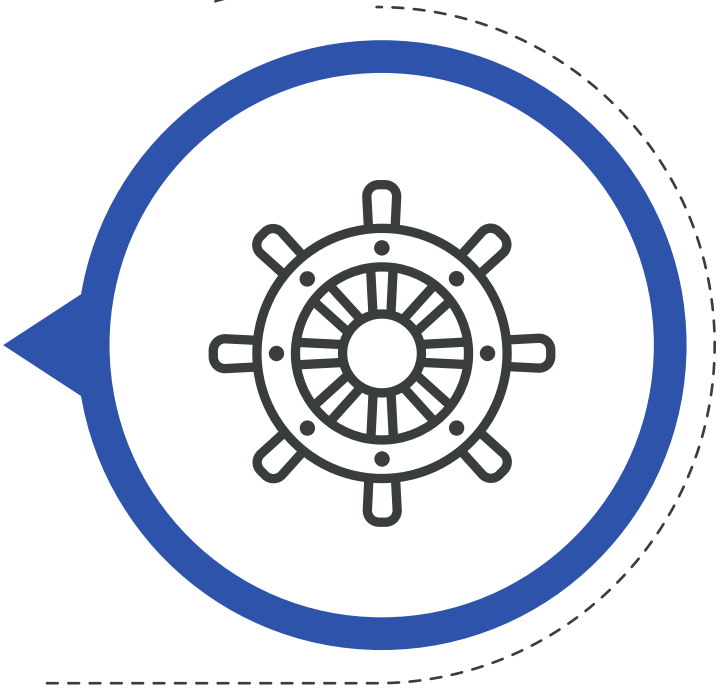
02

Barges are flatboats that are usually square and appear to be submerged deep within the water. Historically barges have been used primarily for transporting bulk products and, while they still do this, there are certain kinds of barges that are made specifically to carry fuel and refill other ships.

03

Cruise ships come in all different sizes. There is too much variety with the length of cruise ships and their general fuel capacity to give a straight answer, but here is a general breakdown of size in relation to the amount of fuel a cruise ship will hold:

Size Of Cruise Ship	Size In Feet & Fuel Capacity
Small	400-500 ft, 130,000 gallons
Medium	900-1,100 ft, 1-2 million gallons of fuel
Large	Over 1,300 ft, 4+ million gallons of fuel



SIZE OF A CRUISE SHIP AND REFUELING TIME