

SINGAPORE'S MARITIME ACHIEVEMENTS

You will learn:

Singapore's maritime achievements beyond the port

A LET'S LEARN ABOUT MARITIME SINGAPORE

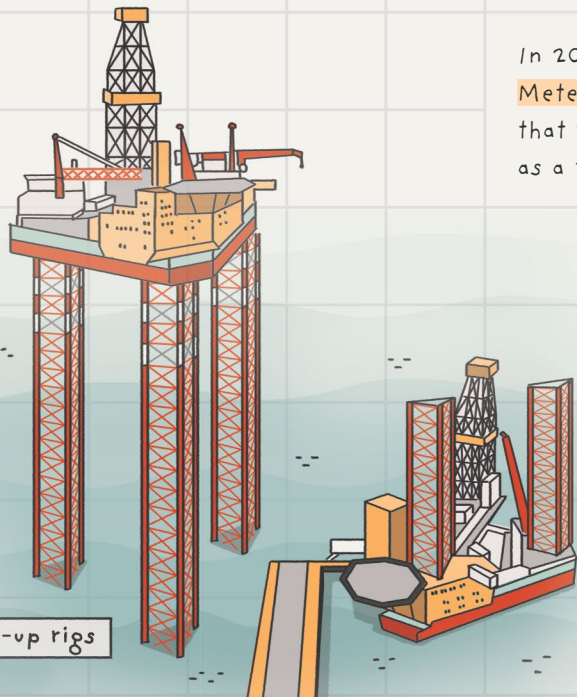
WHAT ARE SOME OF SINGAPORE'S MARITIME ACHIEVEMENTS?

We know that Singapore's port is constantly voted as one of the top ports globally, but did you know that Singapore has other maritime achievements as well?

For a country that does not produce any crude oil, Singapore is the top bunkering (ship refuelling) port in the world. Just like cars need to top up their tanks at petrol stations to travel on roads, ships need to refuel at ports to continue their journey at sea. Singapore has facilities to refine crude oil on Jurong Island, turning it into fuel for use. In 2019, more than 47 million tonnes of bunker (fuel to power ships) was lifted in Singapore, which is enough to fill over 18,000 Olympic-sized pools!

Besides being a top bunkering port, Singapore was also the first country to develop and put in standards for bunkering since the 1990s. Before that, there were no universally accepted methods or procedures when it came to refuelling ships.



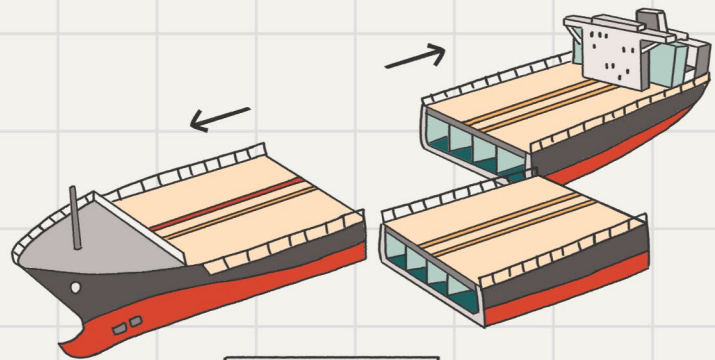


Jack-up rigs

In 2017, Singapore made it compulsory to use the Mass Flow Meter System when delivering fuel to ships. This ensured that there is fairness and reinforced Singapore's position as a trustworthy place for bunkering.

In addition to being a bunkering hub, Singapore's achievements can also be seen in its marine and offshore engineering. Besides operating shipbuilding and ship-repair facilities, Singapore also designed and built about 70% of the world's jack-up rigs, which are movable platforms that can be raised over the sea surface to drill for oil below.

Today, there are many specialised ships being designed and built for international shipping and world trade. Singapore's shipyards have the specialised knowledge to convert ships to increase their size, or to change their purpose. For example, vessels can be increased in size by being separated into two and having a middle section added to lengthen it, allowing the new vessel to handle more cargo on board. These maritime achievements are definitely something that Singapore can be proud of!



Ship conversion

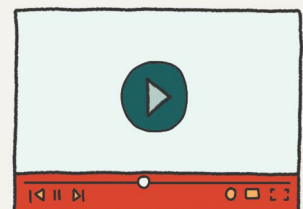
THINK ABOUT THIS:

How has Singapore's maritime achievements changed the way you look at Singapore as a maritime nation?

B FIND OUT MORE

BEYOND THE PORT – ACHIEVEMENTS IN BUNKERING AND MARINE ENGINEERING.

- [My SkillsFuture Industry Video - Marine and Offshore](#)
- [Forging Partnerships, Co-developing Solutions: Singapore as a Premier Bunkering Hub](#)
- [Jurong Port Tank Terminals](#)



C TRY THIS ACTIVITY!

Do some research to find examples of ships that are built and designed in Singapore.

Which ship design is the best, in your opinion?

Draw it out in the space below and list out the reasons why you think so.

★ BEST SHIP DESIGN ★

Name of ship

There are many models of jack-up rigs and ships designed and built in Singapore at the Singapore Maritime Gallery. Plan a trip down to take a look at them for yourself!

CHAT ABOUT THIS:

How do you feel after learning about Singapore's maritime achievements? Share your thoughts with your friends and family!