

# Sagar San

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**Students Corner** 



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Infrastructure enhancement at **Deendayal Port** to boost.....



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Coal will soon replace gas as energy source worldwide



# MSC's second eco-friendly 24,116 TEU behemoth undocked

MSC - Celestino Maresca

second ultra-large containership with capacity of 24,116 TEUs built for Mediterranean Shipping Company (MSC), the world's largest ocean carrier by operated container vessel capacity, has been undocked in China.

The ceremony took place last week at Hudong-Zhonghua's shipyard Changxingdao. newbuild is independently designed by Hudong-Zhonghua and classed by the classification society DNV.

It features a total length of 399.99

metres and a width of 61.5 metres. The maximum number of container layers is 2, which is equivalent to the height of 22 floors. The vessel can carry more than 240,000 tons of cargo, according to the company.

The containership encompasses a hybrid scrubbed desulfurization unit, a small bulbous bow, large diameter propellers, and energysaving ducts.

Furthermore, it is equipped with the bubble drag reduction system which is expected to reduce the total energy consumption and

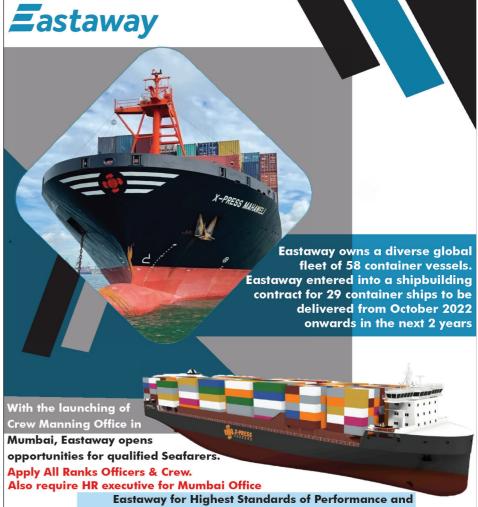
the corresponding total carbon emissions by 3% to 4%.

The shaft generator is also used for the first time, which

effectively reduce optimize **EEDI** consumption, energy efficiency indicators and reduce greenhouse gas emissions, the shipbuilder explains.

To remind, the first MSC's ultralarge containership with a capacity of 24,116 TEUs was undocked at the same shipyard two months ago.

Together, the two ships indicate the increase in the construction world's ultra-large containerships led by Chinese shipbuilders.



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