

MSC readies megamax for carbon capture treatment

Sam Chambers

November 29, 2023



Mediterranean Shipping Co (MSC), the world's largest containerline, has earmarked a big ship to be installed with a Chinese-fabricated carbon capture and utilisation system (CCUS).

Alphaliner has tipped the 23,756 teu *MSC Mia* as the ship likely for the installation when it goes in for drydocking in a year's time.

The technology is being provided by Zhejiang Energy Marine Environmental Technology (ZEME), which claims its system is expected to capture around 40% of carbon emissions from the ship's exhaust. ZEME claims that a \$9m investment in one of its systems will take five years to recover, based on a carbon price of \$100 per tonne.

"Smaller-scale carbon capture devices have already been trialled on feeder vessels, but no large container ship has been fitted with such an installation yet," Alphaliner noted in its latest weekly report.