



storage and offloading (FPSO) vessel Aoka Mizu, which is owned and operated by Bluewater Energy solutions.

Measuring 20 m in both diameter and height, the buoy will connect the FPSO to Hurricane Energy's Lancaster oil and gasfield development project, which is located 150 km west of Lerwick in the UK.

The buoy was positioned alongside Jumbo Kinetic, before being lifted directly from the water and positioned on deck.

As part of the same voyage, Jumbo transported two ethylene oxide reactors, weighing approximately 1,140 tonnes each, for Agility Projects. These cargoes were loaded in Hazira, India, and were destined for a refinery in the US Gulf.

From Hazira, Jumbo Kinetic continued its journey to Lerwick, where the vessel berthed at Mair's Pier East. The buoy was lifted from the deck into the water using the vessel's own 1,500-tonne capacity cranes.

### Gangway structures

After discharge in Scotland, the vessel made a small deviation to Trelleborg, Sweden, to pick up two gangway structures, weighing approximately 300 tonnes each, destined for the USA.

Although the weight of the cargoes did not challenge the vessel's high capacity cranes, the steel-framed gangways were covered by glass, making it a complex and delicate lifting operation.

"For this voyage, we worked closely with our clients to create a highly customised solution," said Laurens Govers, manager commerce shipping at Jumbo. "The design of the lifting arrangement for each cargo was the most complex part of this project, as this is predominantly at great height with limited space.

"Jumbo's first priority is that this can be done in a safe environment. The cooperation with our customers is crucial to achieve this."

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# Adapting to a changing market

*Working closely with its clients, Jumbo transported multiple cargoes from the UAE to the UK and the USA on board its heavy lift ship Jumbo Kinetic.*

**T**raditionally, heavy lift carriers in the tramp shipping sector specialised in singular super-heavy project shipments. After a protracted economic downturn and subsequent dearth in projects, capital expenditure on large-scale projects is predicted to rise in the coming 12 months, driven by higher commodity prices and global economic growth. However, cargoes available on the market, such as modules for the oil and gas sector, are often smaller than those seen at the height of the energy sector boom.

### Increasing competition

As a result, in an increasingly competitive market, project cargo shipping lines at the upper end of the market, such as the Netherlands-headquartered Jumbo, are adapting to the changing cargo base, transporting various cargoes on part-charter basis to destinations worldwide.

A recent example of Jumbo's capability



to offer a flexible solution to multiple clients was demonstrated with a recent sailing from the UAE to the USA using its K-Class vessel Jumbo Kinetic.

Jumbo Kinetic arrived at Dubai Drydocks World to load a 1,250-tonne turret buoy mooring system. The buoy is destined for the floating, production,

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