

Vopak jetty extension phase five, Fujairah, United Arab Emirates

Vopak Horizon Fujairah operates the first independent onshore oil terminal outside the Arabian Gulf. Located in the Emirate of Fujairah, one of the world's largest bunkering centres, the terminal is designed to handle products including naphtha, gasoline, gas oil, jet fuel, kerosene, condensate, methanol, methyl tertiary butyl ether, fuel oil and crude oil.

The marine facilities of Vopak Horizon Fujairah originally comprised a 1.2-kilometre approach trestle and four berths for vessels up to 150,000 DWT and one single-point mooring system. BAM International has extended the facilities with two new berths (numbered five and six), which are connected to the end of the existing trestle. The new berths are suitable for vessels of up to 110,000 DWT.



Location	Fujairah, United Arab Emirates
Client	Vopak Horizon Fujairah Ltd (VHFL)
Contractor	BAM International bv
Contract period	November 2008 - December 2009
Contract sum	€ 23 million

'Commitment to a timely completion and client's satisfaction.'

Scope of work

The construction of two additional berthing facilities for oil tankers up to 110,000 DWT, including two berthing platforms, eight berthing dolphins, six mooring dolphins and all mechanical and structural topside facilities.

Preparation of the dolphins with BAM International's jack-up pontoon



Installation of the first trestle truss bridge



Heavy equipment

A large portion of BAM International's heavy equipment was brought into action for this project. This included the 200-ton crane barges IB-424, IB428 and IB-425, which were used to install the concrete and steel structures as well as to install the product pipeline on the existing trestle for the MEP subcontractor. Other pieces of heavy equipment included the piling barge Barbeel and a U-shaped jack-up pontoon, which assisted with various preparation works for the dolphins. The newly built A-frame barge IB-427 was used to lift the trestle bridges into place.

Marine loading arms installed on berth five



View of new approach trestle and existing jetty in the background

