

INTRODUCTION

Dockwise was subcontracted by Hyundai Heavy Industries ("HHI") for the transport and float-over installation of the PPS topside as part of the PTTEP Greater Bongkot South development in the Gulf of Thailand. Dockwise's scope of work included project management, marine engineering, structural engineering, transport engineering, CAD engineering, installation, and procurement of equipment and secondary steel structures for the Black Marlin's deck preparation for the load-out and float-over operation. In addition, Dockwise engineered and procured the offshore mooring system, which was installed and removed by a Dockwise contracted marine spread consisting of two AHTs and one assisting tug.

After having completed the preparation of the Black Marlin's deck, the vessel was presented to HHI for installation of the grillage and skid beams that were required for the skidded side load-out at the HHI offshore yard in Ulsan. On July 23, 2011, the PPS topside was loaded onto the Black Marlin, followed by the sea-fastening operation. On July 30, the Black Marlin departed Ulsan. During transit close attention had to be paid to typhoon Muifa.

PROJECT SHEET

BONGKOT 4A PPS DECK

OFFSHORE TRANSPORT & INSTALLATION

FEATURES

Client	Hyundai Heavy Industries Co., Ltd.
Location	From Ulsan, South Korea to Bongkot 4A Field, Gulf of Thailand
Period	July/August 2011
Vessel	Black Marlin



A Location map

B Cargo 50% loaded onboard the Black Marlin



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The Black Marlin's travel speed ensured that a safe distance from the typhoon was maintained. After a smooth voyage, the vessel arrived at the field on August 11.

The operation was assisted by a marine spread consisting of three tugs during hook-up to and disconnection from the pre-laid mooring system. The float-over installation went as per schedule: docking and undocking within 24 hours.

Туре	PPS Topside: Gas Production platform
Weight	19,500 t
Length	76.6 m
Width	59.8 m
Height	53.3 m

LOAD-OUT OPERATION

Loading	Skid-on side load-out
Discharging	Float-over installation



C Cargo 100% loaded onboard the Black Marlin

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