

Client / Operator : Dyvi AS
 Project name : Heavy Lift Construction Vessel BOREALIS
 Construction yard : Sembawang Shipyard Pte Ltd
 Country : Singapore
 Period : Jul 2007 - Aug 2007
 Category : Conceptual design support
 Tender process support
 Engineering and consultancy



PROJECT DESCRIPTION

Dyvi AS, as co-founder, lead investor and manager of Nordic Heavy Lift ASA, requested assistance from The Offshore Partners to review the design of the new building Heavy Lift Construction Vessel BOREALIS. The mono-hull DP-3 vessel is capable of lifting 5,000t for surface operations, while for deepwater installation work the vessel will be able to lower 1,000 tonnes to a water depth of 1,000 meter with a heave compensated system.



TECHNICAL DATA

Principal Particulars

Length over all	: 180.90	m
Length B.P.	: 170.10	m
Breadth over all	: 46.20	m
Depth moulded	: 16.10	m
Operational draft	: 6.00 – 9.00	m
Total installed power	: 6 x 5,765	kW
DP system	: Kongsberg DP2	-
Main crane	: 5,000	t
Speed	: 17	kts
Accommodation	: 400	pers.

OUR SERVICES

The Offshore Partners provided the following services:

- Basic design review as independent third party
- Review of operational workability and logistics
- Review of ITT documents
- Review of technical tender documents
- Set up of minimum requirements of the operational organisation