PIPE LAYER VESSEL

- The Vessel shall have sufficient dynamic positioning capacity to allow operations with ROVs and laying/recovery of flexible pipelines,
- Two work class ROVs shall be installed on deck aft of superstructure, arranged for over the side launching, one to PORT and one to STBD.
- 250 t knuckle boom crane with heave compensation.
- 50 t single jib rigid crane.
MAIN DIMENSIONS

Length over all abt. 146,00m
Length between p.p. 133.00 m
Breadth moulded 30.00 m
Depth to 1st Deck 12.70 m
Deck area: 2300 m²
Deadweight approx tonnes

CAPACITIES

Ballast water abt. 7600 m³
Potwater/Tech.FW abt. 820 m³
Marien Gas Oil abt. 2600 m³
Hydraulic Oil abt. 30 m³
Lubricating Oil abt. 60 m³
Void abt. 5800 m³

SPEED

Speed abt. 12.00knots

PIPE LAYING EQUIPMENT

Horizontal:
Carousel Ø24m 2500 Tonnes
Reels x 8 1500 Tonnes
Deck Tensioners 2x30 Tonnes
Winches 2x30 Tonnes

Vertical:
Top crane 20 Tonnes
Tensioners w/4 tracks x 2 tot 550 Tonens
Traction Winch 620Tonnes

CRANE

One midship located knuckle boom crane with active heave compensation and 250 tonnes lifting capacity and 32m outreach.
One aft located single jib rigid crane with 50 tonnes lifting capacity at 15m outreach.

ROV

Two ROV systems located one at PS and one at SB.

MACHINERY AND PROPULSION

Main engines: Wärtsilä 8L32 4x3800 kW
Wärtsilä 7L32 2x3300 kW

Propulsion Power:
Azimuth FPP with nozzle 3x3000kW
Fwd. Retractable Azimuth Thruster 2x2400 kW
Fwd. tunnel thrusters 2x3200 kW
Emergency Generator: 1000kW

ACCOMMODATION

The vessel is built with a compliment for totally 120 persons

CLASS

DNV 1A1, CLEAN DESIGN, DYNPOS-AUTR, E0, NAUT-AW, HELDK, CRANE, COMF-V(3) C(3), DK(+), SF, BIS

REFERENCE

Shipyard Daewoo Shipbuilding &Marine Engineering Co., Ltd
Shipowner Technip and OOG
Design ID VS 4146 PLV
Reference number 4390
E-mail for info shipdesign@wartsila.com
Details are believed to be correct but not guaranteed