

BN 329 - SIEM EMERALD



Vik-Sandvik AS

Kleven Verft AS

Siem Offshore Inc

GENERAL

Owner	Siem Offshore Inc
Type	VS 491 CD
Design	Vik - Sandvik
Class	DNV +HA, Ice C, Tug, Supply Vessel, EO, SF, DynPos AUTR, Comf-V(3), Oil Rec, Naut OSV(A), Clean Design, DK(+), HL(2,8), T-mon, Bis
Authorities	NOR
Yard	Kleven Verft
Hull Yard	Kleven Verft
Keel Laying	30.09.2008
Delivery	10.12.2009
DNV Id No.	27781
IMO No.	9417701
Signal Letters	LARH

MACHINERY

Main Engines	Wartsila - 16V32	2 x 8000 kW
Shaft Generators	Alconza	2 x 3400 ekW
Aux Engines	Caterpillar - 3516TA C	2 x 2100 ekW
Emergency Generator	Caterpillar - C18	425 ekW
Main Propulsion	Wartsila	2 x 9500 kW
Retractable Thrusters	Brunvoll - AR 63 LNC 1650	830 kW
Tunnel Thruster (Fwd)	Brunvoll - FU 80 LTC 2250	2 x 1000 kW
Tunnel Thruster (Aft)	Brunvoll - FU 74 LTC 2000	2 x 880 kW

EQUIPMENT

Deck Crane	Hydramarine	3 T @ 15 m
ROV Crane	Hydramarine	10 T @ 18 m
Gantry Crane	Triplex - Multi Deck Handler	42 T
Anchor Handling Winch	Rolls-Royce - SL500W-3T	500 T
Tugger Winches	Rolls-Royce	2 x 24 T
Capstans	Rolls-Royce	2 x 14 T
Stern Roller	Rolls-Royce	2 x Ø4000 x L4000

MAIN DIMENSION

Length over all	91,00 m
Length between perpendiculares	79,35 m
Breadth Moulded	22,00 m
Depth Main Deck	9,60 m

PERFORMANCE & CAPACITIES

Speed	18,1 kn
Bollard Pull	281 T
Gross Tonnage	7473 T
Net Tonnage	2241 T
Deadweight at SWL	4165 T
Fuel Oil	1224 m ³
Water Ballast	2888 m ³
Fresh Water	1072 m ³
Brine	647 m ³
Liquid MUD	647 m ³
Dry Bulk	300 m ³
ORO	1296 m ³
Rig Chain Lockers	649 m ³

Cargo Deck	approx. 820 m ²
Accommodation	60 persons

EQUIPMENT

AH Equipment	Rolls-Royce
DP System	Kongsberg - K-Pos DP-21
DE System	Wartsila
IAS	Wartsila
Cargo Equipment	Allweiler
HVAC	Aeron Miljøteknikk
Separators	Westfalia
Boiler	Pyro
Navigation & Communication	Emil Langva
Internal Fire Fighting System	Marioff