

# NORMAND CLIPPER

CONSTRUCTION SUPPORT VESSEL



## OVERVIEW

- 127m Multifunctional Subsea Support & Construction Vessel
- Stable versatile working platform for a broad range of projects
- 250Te and 25Te Offshore Cranes
- 1500m<sup>2</sup> Deck Area



# NORMAND CLIPPER SPECIFICATIONS

## GENERAL SPECIFICATIONS

Owner	Solstad Shipping AS
Classification	DNV +1A1BWM(E(s)), CRANE DK(+), DYNPOS(AUTR), EO, HELDK, SF, THON Build Location Ulstein Verft AS
Design	VS 4125 OCV
Built	2001/2005
Class Authority	Det Norske Veritas (DNV)
Call Sign	LAXJ7
IMO Number	9236200
Flag State Authority	Norway

## MAIN PARTICULARS

Overall Length	127.5 m
Breadth mld	27.0 m
Draft (Max)	8.40 m (freeboard 3.61 m)
Moulded Depth	12 m
Gross Tonnage	11472 t
Net Tonnage	3422 t

## POWER GENERATION & PROPULSION

### MAIN ENGINES

2 x 4320 kW  
2 x 3840 kW  
(Total Power 16320 kW)

### MAIN GENERATORS

2 x 5,400 KVA  
2 x 4,800 KVA

### HARBOUR GENERATOR

1 x 968 kW

### EMERGENCY GENERATOR

1 x 205 kW

### MAIN PROPULSION

2 X Rolls-Royce Marine Propellers @ 3900kW

### MANOEUVRING THRUSTERS

2 x Bow Tunnel Thruster @ 1500 kW  
1 x Retractable Azimuth Thruster @ 1500 kW  
2 x Stern Thruster @ 1200 kW

## DYNAMIC POSITIONING

DP System	Kongsberg SDP 21
DP Classification	DYNPOS AUTR
Reference Systems	3 x DGPS, 1 x HIPAP 500, Radius 1000 Fanbeam, Seapath 200,
Tautwire	ERN (99,98,97)

## APPROXIMATE FUEL CONSUMPTION

Service Speed	32m <sup>3</sup> / 24hrs @ 11kts
Full Speed	42 m <sup>3</sup> / 24hrs @ 12 kts
DP Operations	23m <sup>3</sup> / 24hrs dependent on weather and mode
Harbour	4m <sup>3</sup> / 24hrs depending on consumers on line

\*subject to accumulation of data during operations

## TANK CAPACITIES

Marine Gas Oil	3278 m <sup>3</sup>
Fresh Water	748 m <sup>3</sup>
Ballast	5429 m <sup>3</sup>
Anti Heeling	tbc m <sup>3</sup>
Lub Oil Tanks	67 m <sup>3</sup>

## CARGO DECK

Main Deck	1500 m <sup>2</sup>
Deck Strenght	10 t/m <sup>3</sup>
	Removable Bulwarks; Port/Starboard side
Moon Pool	5.6 m x 6.6 m

## MAIN CRANE

National Oilwell Varco	AHC Subsea Crane
Main Hook	250 t @ 12 m, 2487 m Water Depth
Aux Hook	20 t @ 23 m, 650 m Water Depth
Slew Range	360 Degrees

## AUXILIARY CRANE

National Oilwell Varco	Subsea Crane
Main Hook	25 t @ 15 m, 550 m Water Depth
Can be controlled manually on pedestal or by radio controls.	

Note: All details believed correct but not guaranteed and are subject to alteration

# NORMAND CLIPPER SPECIFICATIONS

## COMMUNICATION SYSTEMS

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VHF;	Thrane & Thrane Sailor RT 5022 & C4900
Inmarsat C	2 x Thrane & Thrane Sailor
VSAT Communication	Marlink iDirect
GMDSS	Furuno, Thrane & Thrane Sailer, Skanth

## ACCOMMODATION

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Total	96 persons
Single Cabins	32
Double Cabins	32
Mess Room	42 Seats
Laundry Room 1/2	Work / Personal Clothes
Day Room	2
Gymnasium	Equipped
Client Offices	7
Other	Conference room, Ship Office, Online Room and Offline Room

## HELICOPTER DECK

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Helicopter deck of capable of operations with heavy helicopters. Max size Super Puma AS 332 22. D=19.5, T= 9.3T. Helideck certified to CAP 437 & HCA requirements for offshore helidecks.

## RESCUE EQUIPMENT

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Enclosed lifeboats 2 x 102 persons.  
Life rafts 6 x 20s person and 4 x 25 persons.  
Immersion Suits for 120 persons.  
Life Jackets for 188 persons.  
Extent of Lifesaving equipment according to Flag state requirements  
MOB Boat 1 x 10 persons

## ROV SYSTEMS

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One (1) permanently installed WROV Hangar deployed, 1 x permanently installed WROV on the back deck.

2 x Oceaneering Millenium WROV

- One (1) permanently installed hanger deployed (port side) 220hp Millennium Plus heavy duty work class ROV.

- One (1) permanently installed 220hp Millennium Plus heavy duty work class ROV, located on the back deck ( starboard side).

Vehicle Features:

- Side entry cage deployed systems
- Dual manipulator
- Rated to 3000MSW
- Fly-by-wire station keeping system
- HD and optional 3D HD cameras
- Tether Management System (THS) to 600m

## DECK SERVICES

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Multiple 440 V 630 A/1000 A power supplies to main deck. Additional 230 V/110 V, network communications, Air supply 120 m<sup>3</sup> / h @ 3bar.

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