



VESSELS

IRM, Survey and
Light Construction

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation

subsea 7



Normand Subsea

Vessel Info

Full specification overleaf

Normand Subsea, with its moonpool-deployed module handling and ROV systems in an enclosed hangar, is specifically designed for inspection, repair work and maintenance.

- Length 113m x breadth 24m
- Deck area 705m²
- 140t AHC crane
- Module handling tower 35t
- 2x work-class ROVs
- 1x observation class ROV, with potential for expansion to 4x total
- Well treatment system

Fast Facts

- Capable of launching and recovering ROV's in seastates up to Hs=6m
- Capable of launching and recovering payloads through the Modular Handling System (MHS) in seastates up to Hs=4.5m
- Hangar roof used to mobilise additional equipment for Well Stimulation / Commissioning and HP Jetting Ops. allowing back deck to be utilised for other worksopes
- 100m³ of chemical storage tanks built into the vessel and 20m³ capacity for chemical mixing



Normand Subsea

subsea 7

General Information

Classification	DNV+1A1, ICE-1C, SF, COMF-V(2) C(2), HELDK-SH, Crane, Deice, E0, Dynpos-Autr, NAUT-OSV(A), Clean Design, DK(+), Well Stimulation
Built	Flekkefjord, Norway 2009
Flag State Authority	Norway
Port of Registry	Skudeneshavn

Principal Dimensions

Length	113.05m
Breadth	24m
Depth	11m
Draught (summer)	6.75m
Deadweight	6,300t

Main Deck

Deckspace (approx)	705m²
Deck Strength	10mt/m² on maindeck 5mt/m² inside hangar

Tank Capacities (100%)

Fuel Oil (approx)	2,315m³
Fresh Water (approx)	1,020m³
Ballast Water (approx)	5,720m³
Lub. Oil (approx)	30m³

Power and Propulsion

Main Engines / Generators	4x Wärtsila 8L32 engines with generators, each 3,690kW (Diesel Electric)
Propulsion (each)	2x Rolls Royce azipull, 3,500kW
Thrusters (each)	1x tunnel forw. Rolls Royce 2,000kW 2x Rolls Royce retractable azimuth thrusters forw., 1,500kW 1x tunnel aft Rolls Royce, 1,500kW

Vessel Speeds and Fuel Consumption

Maximum Speed	12.0 knots
Economic Speed	10.0 knots
Economic Speed Fuel Consumption	16.0m³/day

DP Systems

Kongsberg K-Pos	2x Seatex DPS 200 GPS 1x Seapath 200 GPS 2x Taut wire 2x HiPaP 500 (Dual) 1x RadaScan
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The vessel has DNV notation DYNPOS-AUTR, equivalent with DP Class II, with dual redundant DP system.

The vessel has 3 DP operator stations. 1 main station aft with 2 operator stations and all position reference systems. 1 station forw. with 1 operator station.

Full DP capability operation is also available from port and starboard bridgewing.

Cranes

Main Winch	140t at 11m (single fall) 40t at 30m (single)
Whip Line	24t at 32m (slip to slip) 12t at 32m

ROV Systems

The vessel comes with 2x Work Class ROV's, fully integrated with active heave compensation, with the option for future mobilisation of 4x Observation Class ROV systems. All systems are enclosed in a hangar.

Module System

Module handling tower for 35t deployment/recovery in Hs=4.5m via enclosed moonpool.
Module handling and ROV support to 1,200m depth.

Well Treatment

Chemical / Acid Storage	5 tanks, each 20,000L capacity
Chemical / Acid Mixing	2 tanks, each 10,000L capacity
Injection Pump 1200hp	1,000 l/min 345bar
Injection Pump 600hp	320 l/min 345bar

Helideck

D value of 22.20	Approved for Sikorsky S-61 and Sikorsky S-92 operations.
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Accommodation

Persons	90
State Cabins	8
Single Cabins	34
Double Cabins	24
Hospital	1

Life Saving Appliances

Lifeboats (each)	2 lifeboats, Norsafe, 90 persons
Liferafts (total capacity)	6 life rafts, Viking, 170 persons
MOB / FRC	1 Norsafe

Comms Systems

The ship is equipped with all necessary installation and systems for communication onboard a vessel, according to rules, regulations and Buyer requirement. Radio installation according to GMDSS-requirements is provided.



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The Subsea7 fleet comprises of vessels that have exceptional versatility, capable of operations worldwide including; pipelay, construction, survey, remote intervention, diving support, heavy lifting operations, renewables and decommissioning.

