Normand Mermaid is a DP3 light subsea construction vessel with two permanently installed WROV systems in ROV hangar.

The vessel can perform general subsea construction, ROV intervention and installation of smaller structures. The vessel is equipped with a 100 Te heave compensated crane.
CSV NORMAND MERMAID

VEssel MAIN PARTICULARS
Vessel design P103
Type MPSV / LCSV
Class definition DNV, 1A1 ICE-C, Supply Vessel
Vessel built 2002

PRINCIPAL DIMENSIONS
Length overall 90 m
Breadth 20.5
Summer draft 7 m
Deadweight 4 041 t
Lightship 3 733 t
Gross tonnage 5 528 t

PROPULSION & THRUSTER SYSTEMS
Main engines 4 x 2500 kw
Bow thrusters Two off Brunvoll Type 1200 kw
Azimuth thruster One off Ulstein Type TCNS 1200 kw
Stern thrusters 2 x Aquamaster Azimuth

CARGO DECK
Deck space 765 m²
Deck strength 5 t/m², 10 t/m² aft of frame 60

CAPACITIES
Fuel oil 1 210 m³
Ballast water 2 980 m³
Fresh water 876 m³
Drill water 728 m³
Liquid mud 728 m³
Brine 728 m³

DECK CRANE
Starboard/Port crane National Oilwell 3 Te @ 16 m

OFFSHORE CRANE (PORT SIDE)
Type National Oilwell OKMCVC 3447
SWL 50 Te, AHC, 1700 m*
100 Te double fall,
10 Te (whipline), 1000 m
*New wire will give 1850 m

DYNAMIC POSITION SYSTEM
Class definition Dynpos AUTRO
Type Kongsberg
Reference systems 2 x DGPS
1 x HIPAP
1 x Tautwire
1 x Fanbeam

ACCOMODATION
Total number of bunks 70
1 man cabins 34
2 man cabins 18

HELICOPTER DECK
Capacity 19.50 m / 9.3 t
CAP 437, BSL D 5-1, and
HCA requirements for
Offshore Helidecks

ROV
2 x WROV in hangar (2 x Millennium Plus)
2 x AHC Umbilical Winch (full electric)
2 x Hydraulic A-frame
1 x drawer skid on each WROV
1 x integrated workshop
Integrated ROV control
Integrated transformer room for 2 x WROV