

**NSV CREW SUPPLY VESSEL
45m and 40m (07019)**

Breadth moulded	10.50 m
Draught (Summer Load)	3.50 m
Complement	12 + 24

45m

Deadweight, abt	480 t
Length BP	39.20 m

40m

Deadweight, abt	300 t
Length BP	33.60 m

**NSV CREW SUPPLY VESSEL
50m (07012)**

Deadweight, abt	500 t
Length BP	44.80 m
Breadth moulded	10.50 m
Draught (Summer Load)	3.50 m
Complement	6 + 25

**NSV MPV STANDBY SUPPLY
AND SUPPORT VESSEL 70m
(07009)**

Deadweight, abt	1200 t
Length BP	61.835 m
Breadth moulded	16.50 m
Draught (Summer Load)	4.50 m
Complement	21
Bollard Pull	80/110 t
Survivor Class	300

**NSV SUPPLY AND SUPPORT
VESSEL 94m (07006)**

Length BP	91.19 m
Breadth moulded	21.00 m
Draught (Summer Load)	4.00 m
Bollard Pull	200 t
Ice Breaker Class	up to 1A*F

Standby, Supply and Support Vessels

NSV MPV STANDBY SUPPLY AND SUPPORT VESSEL 80m (07013)

General

- Offshore supply duties to production and drilling platforms.
- Towing of production and drilling platforms.
- Fire Fighting of external fires.
- Arranged and equipped as a standby support vessel to UKOOA-Group B.
- Systems to contain waste materials on board.
- Oil spill recovery facilities.
- Low noise and vibration levels throughout.

Principal Dimensions

Length Overall (approx)	81.92 m
Length between P.P.	74.19 m
Breadth Moulded	19.00 m
Depth to Main Deck	7.00 m
Draught (Max)	4.50 m

Classification / Flag

DNV (or equivalent) +1A1 Supply/Standby Vessel, SF, EO, FI-FI 1, DK(+).
Flag Owners Preference

Performance

Service speed approx.	15.0 Knots
Bollard Pull approx.	60 Tonnes
(Possible upgrade systems up to)	200 t

Capacities

Diesel Oil (Fuel)	717 m ³
Diesel Oil (Cargo)	680 m ³
Potable Water	178 m ³
Fresh Water (Cargo)	540 m ³
Zero Dumping	84 m ³
Recovered Oil / Water	106 m ³
Cargo Deck Area - 5t/m ²	500 m ²

Accommodation

Two suites, with day room, separate bedroom and private shower/toilet.
Four single berth cabins, with private shower / toilet.
Seven double berth cabins, with private shower / toilet.
Mess in vicinity of Galley.
Rescue facility including: Reception, Hospital, Rest Room (75 persons) and Sleeping Room (30 Persons).
Laundries, Offices, Change Room, etc.

Technical Data - Machinery and Propulsion Systems

Diesel Electric Propulsion
Four main generator engines, flexibly mounted, each of 1400 kW MCR.
Two main rudder propellers 2400 dia with nozzles, each 1800 kW.
Variable speed drives.
One Brunvoll Combi-Azimuth Retractable / Tunnel Thruster forward @ 880 kW.

Electric Power Plant

Four main generators each 1600 kW, 690 V.
Emergency generator 360 kW, 450 V.

Electrical Equipment

Main switchboards 690 V, 450 V, 230 V.
Emergency switchboard 450 V, 230 V.
Power management system.
Alarm monitoring system.
Computer network system with UPS.
Deck connection box 150 kW, 450 V.

Fire Fighting System

Two FI-FI pumps and step-up gear, driven by main engines.
Two FI-FI monitors.
Four water spray monitors and self protection spray system.

Navigation Equipment

Joystick control positioning system.
S-band ARPA radar and X-band TM radar.
Electronic chart system.
Radio installation according to GMDSS-areas A1, A2 & A3.

Internal Communications

Digital automatic telephone system with analogue and digital extension ports.
PA system with integrated loudhailer.
Battery less telephone system.
Parabolic TV satellite antenna.

Video and Monitoring System

A CCTV system (3 cameras) for surveillance of rescue zones and survivor area.

Deck Cranes

One electro-hydraulic crane 10 t SWL at max radius of 9 metres (Main Deck Stbd).
One stores/provisions crane 1.5 t SWL at max radius of 10 metres (Forecastle Deck).

Deck Machinery

Two 22 t electrically driven combined windlass/mooring winches.
Two 10 t tugger winches.
Two 10 t capstans aft
One 100 t electric towing winch of "waterfall" design with two declutchable type - towing drums.
Drum capacity of 600 m of 56 mm dia wire.
Two retractable anchor handling forks 300 t SWL.
One set of retractable towing pins.

Liquid Cargo Discharge System Options/Upgrades

Upgrade to DP2.
Upgrade deck crane to 50 t.
Moon Pool / ROV / A Frame.
Additional accommodation deck increased total complement 70 persons.
Exchange standby capability for additional project staff (30 persons).

Key Features

- Bespoke Design
- High efficiency hull form
- Low noise and vibration levels
- External fire-fighting capabilities
- UKOOA compliant, as applicable
- Waste containment systems, as applicable
- Bollard pull up to 200 t

