



The **Vessel** is a modern and flexible MPSV with a proven track record in subsea operations.

The DP2 vessel is a versatile work station for cable laying, subsea trenching, Inspection, Maintenance and Repair (IMR), survey and construction support operations. Together with its excellent manoeuvrability and station keeping makes the **Vessel** a very attractive subsea support vessel.

The MPSV vessel is differentiated from other offshore support vessels by its larger deck area and it has the ability to serve as a PSV given its tank and deck capabilities. The vessel can also accommodate up to 60 people on board.

- 900M² DECK AREA
- SERVES A RANGE OF INTERNATIONAL MARKETS
- EXCELLENT MANOEUVRABILITY
- ACCOMMODATION FOR 60 PEOPLE



SPECIFICATION SHEET

GENERAL CHARACTERISTICS

DESIGN	UT 745
BUILT	2002
BUILDER	Hayvard Leirvik A5, Leirvik, Norway
CLASSIFICATION	DnV, +1A1, SF, EO, DK+, HL(2,8), T-MON, Dyn Pos AUTR(DP2), LFL*, OIL REC, Clean, COMF- V(3) (Vessel prepared for NOFO-2000)

MAIN CHARACTERISTICS

LENGTH O.A	82.25m
LENGTH B.P	76.78m
BREADTH, MLD	18.80m
DEPTH, MLD	7.60m
DEPTH, SUMMER	6.35m
FREEBOARD, SUMMER	1.35m
DRAFT, MINIMUM	3.80m
SERVICE SPEED	13kts
MAX. SPEED	15kts
DECK AREA	900m ² 16.2m x 55.5m

FUEL CONSUMPTIONS

MAX. SPEED	30m ³ / day
SERVICE SPEED	21m ³ / day
ECHO SPEED	12m ³ / day
IDLING / STAND BY	7m ³ / day

MAIN EQUIPMENT

MAIN ENGINES	2 x Ulstein BRM-9 each 3,975kW, total 10,800 BHP. Reduction Gears with 1-step primary PTO for Shaft Generators
ELECTRIC POWER PLANT	380/440 V AC - 50/60Hz 2 x Shaft Alternators, each of 3,000 kVA
GENERATORS	2 x Generator stes, each of 738kVA
HARBOUR GENERATORS	1 x 156kVA
FUEL TYPE	Gas Oil
PROPELLERS	2 x Ulstein 3, 500mm dia., Highlift rudders
THRUSTERS	2 x Kamewa Ulstein Super Silent Thrusters of 1,200BHP / 883kW, fwd 2 x Kamewa Ulstein Thrusters of 800BHP / 588kW, aft
RUDDERS	Ulstein High Lift Flap Rudders
JOY STICK	Ulstein design
ECOMOMETER	Ulstein Integrated System

CARGO CAPACITIES

FUEL OIL	1,195m ³
WATER	1,000m ³
METHANOL	170m ³
BALLAST / DRILL WATER	1000m
DRY BULK / CEMENT	400m
FLOW METERS	Flow Meter with printer for fuel oil

MOORING EQUIPMENT

WINDLASS	1 x Ulstein Combined Windlass / Mooring Winch of 15.1 tonnes
ANCHORS	2 x 2,800 kgs
CAPSTANS	2 x 10 tonnes pull

DECK MACHINERY

DECK	Timber sheathed, 5 tonnes / m2 (fwd.) 10 tonnes / m2 (aft)
RAILS	3.0 metres high
TUGGER WINCH	2 x 10 tonnes pull
CRANE	1 off 5 T 2,3 -15 m knuckle arm type BB 1 off 5 T 2,3-15 m knuckle arm type SB, (foundation 15 T 15 m) 1 off 2 T 10 m provision crane

NAVIGATIONAL EQUIPMENT

RADAR 1	1 x Furuno FR 2B35 S, 10cm
RADAR 2	1 x Furuno FR 2115 S, 3cm
AUTO PILOT	Sperry ADG 4000
SATELLITE NAVIGATOR	Furuno GN 80m / D-GPS Kort
LOG	Furuno DS 80
GYRO COMPASS	PLATH NAVIGATE X MK 1
NAVTEX RECEIVER	Furuno NX 500
RADIO STATION	GMDSS-Sea area A3 Furuno FS 1562, Includes HF/MF, Inmarsat C and Sailor 500 Fleetbroadband
VHF	12 x Furuno FM 8700, 1 x Sailor

ACCOMMODATION

CABINS	14 single suites, 23 double cabins
FACILITY	1 mess 2 Day rooms 1 conference room 2 offices 1 gally and 3 prov. Store rooms 1 Hospital 1 Laundry/ drying room / linen Gymnasium with toilets 1 wardrobe / reception 1 Air. Cond. Room 1 Instrument room

All accommodation with toilet and fully air-conditioned

DYNAMIC POSITIONING SYSTEM

DP SYSTEM	Kongsberg Simrad. DSDP-21 Green DP-Function
REF. SYSTEM	HiPap 501 2 x DGPS - Seatex DPS 116 & Seatex DPS 200 Fan Beam

VARIOUS SYSTEM / EQUIPMENT

ANTI-ROLLING SYSTEM	3 x Ulstein Anti-Rolling tanks
SAFETY EQUIPMENT	Acc. to SOLAS for World Wide Operation