



2018 | 89 m | DP2 MPSV/ ROV/ IMR – Fi-Fi 1 Class

Vessel Information

A state-of-the-art offshore multi-purpose support vessel engineered for outstanding efficiency and reliability in marine operations. This subsea construction vessel can operate in water depths of up to 2,000 meters.

- Length 89m X Beam 21m
- Deck Area 1,150m²
- Accommodation for 108 Persons
- Knuckle Boom AHC Subsea Crane
- ROV Hub
- Fi-Fi Class 1
- Equipped DP2 for precise manoeuvrability
- Top Speed 12.5 Knots
- Versatility: Designed to support a wide range of offshore operations, including construction, maintenance, and subsea tasks.

PRINCIPAL PARTICULARS

YEAR BUILT	2018
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CLASSIFICATION (ABS)	✘ A1, Offshore Support Vessel (Supply-HNLS, FFV 1), (E), ✘ AMS, ✘ ACCU, ENVIRO, MLC-ACCOM, ✘ DPS-2, UWILD, SPS, CRC, HELIDK, SKP, SOLAS 1974
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DIMENSIONS & TONNAGE

LENGTH OVERALL (LOA)	89m
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LENGTH BP	81.47m
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BEAM MOULDED	21m
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DEPTH MOULDED	7.5m
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DRAFT (DESIGN)	5.9m
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DRAFT (MINIMUM)	4.6m
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GROSS TONNAGE	5,131T
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NET TONNAGE	1,539T
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DWT 6.0m DRAFT	3,911T
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MAIN PROPULSION & MACHINERY

MAIN PROPULSION	2 x Azimuth Propellers, 1,838kW each
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GENERATORS	4 x 1,880kW
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BOW THRUSTERS	3 x 1,300kW, 16T Transverse tunnel thrusters
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AIR COMPRESSORS	2 x Service Air Compressor Capacity 300m ³ /hr @10bar
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ACCOMMODATION

BERTH TOTAL	108
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MARINE & CATERING CREW	18
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PASSENGERS	90
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CABIN CONFIGURATIONS	18 Singles, 19 Doubles, 13 Quadruples
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CABIN SIZES IN COMPLIANCE WITH MLC 2006	
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CRANE & DECK EQUIPMENT

MAIN CRANE	1 x 120T KENZ Knuckle Boom AHC Subsea Crane (up to 2000m water depth) 45T @ 18m, 1-fall Subsea Lift, SWH=2m, 20T @ 20.5m Supply Lift, SWH=2m
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AUXILIARY CRANE	1 x 15T@38m single hoist. Personal handling 1.5T x 1 fall. 1 x Crane (Provisional /TTS) 4T @ 3.1 - 16m
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CAPSTANS	2 x 10T@15mpm, 400mm drum diameter
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HELIDECK	Suitable for Sikorsky S92, CAP 437 Compliant, Cmn. N Sea, Norman-27
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ANCHORS	2 x 2,655Kg AC 14 (2 x 12 shots) 330m
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DECK LOADING

DECK AREA	850m ² (Main Deck) 300m ² (Mezzanine Deck)
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CARGO DECK DESIGN LOAD	7.5T/m ²
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MOONPOOL	7.0m x 7.0m
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REEFER POINTS	4 x 440V, 32Amp (3 phase) 2 x 220V, 32Amp (3 phase) 4 x 220V, 16Amp (1 phase)
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LSA/FFA EQUIPMENT

FI-FI (CLASS 1)	FiFi pump capacity is 4,030m ³ /h, pressure is 12 bars, and power consumption is approx. 1,715kw, 2 Remote operated Monitor , capacity 1200m ³ /h (water), 300m ³ /h (foam), pressure 10bars
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RESCUE BOAT & DAVITS	1 x 9 POB Fast Rescue Boat
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LIFEBOATS & DAVITS	2 x 55 POB Lifeboats
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LIFE RAFTS	4 x 32 POB Life raft with full emergency pack
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DYNAMIC POSITIONING EQUIPMENT

DP CLASS / MODEL	2 x Kongsberg K-Pos- DP-21 / Independ cJoy
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POSITION REFERENCES	3 x Wind Sensors, 3 x Gyro compass 1 x CyScan, 1 x RADIUS, 3 x MRU, 2 x UPS, HIPAP READY, TAUT WIRE READY
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SPEED

ECONOMICAL SPEED	10 Knots
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MAXIMUM SPEED MINIMUM DRAFT	12.5 Knots
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CAPACITIES

FUEL OIL	1,200m ³
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POTABLE WATER	1,000m ³
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DRILL WATER / BALLAST WATER	2,000m ³
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SEWAGE HOLDING	30m ³
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DIRTY OIL / BILGE	15m ³ /15m ³
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LIQUID MUD	300m ³
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METHANOL	175m ³
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ACCOMMODATION SPACES / EQUIPMENT

MESS ROOM	1 room (62 Pax)
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RECREATION ROOM	1 room (Majlis)
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REST ROOM	1 room
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SUPERVISOR OFFICE	1 room
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OFFICE	3 offices
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CONFERENCE ROOM	1 x 12 seats
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MAINTENANCE ROOM	1 room
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PRAYER ROOM	1 room
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HOSPITAL	1 x 2 beds
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GYM ROOM	2 x treadmills, 1 x cycling machine, 2 x Cross Trainer, 1 x multi-station
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CHANGING ROOM	1 x 55 Lockers
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LAUNDRY ROOM	3 x heavy-duty washers/dryers
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FREEZER & CHILLER	1 x built-in freezer, 1 x built-in chiller
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WATER MAKER	2 x 30T/day Reverse Osmosis
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SEWAGE TREATMENT	108 men capacity
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