

2012 Built DP2 AHTS/ Offshore Support Vessel with 120.6 MT BP, ROV & Rescue Capabilities Vessel Specifications



Main Characteristics

Length Overall	265 ft	(80.8 m)
Beam	51.8 ft	(15.8 m)
Depth	19 ft	(4.74 m)
Loaded Draft	15.4 ft	(2.13 m)
Deadweight Tonnage	2,446 LT	2,712 MT
Gross Tonnage (ITC)	2,540	
Net Tonnage (ITC)	790	

Cargo Deck

Clear Deck Space	141.7 ft x 41 ft	(540 m ²)
Tonnage	1,600.3 LT	(1,626.0 MT)
Strength	1,024.1 Lb/ft ²	(5.0 MT/m ²)
Total Clear Area	5,882.5 ft ²	(546.5 m ²)

Performance

Top Speed	14 knots
Cruising Speed	12 knots
Economical Speed	10 knots
Bollard Pull	120 MT

Fuel Consumption

Fuel Monitoring System	Yes
Top Speed	380.7 USG/hr
Cruising Speed	122.4 USG/hr
Economical Speed	97.1 USG/hr

Machinery

Main Engines	Caterpillar (4) 3516C
Main Generators	(4) 2,250 kW, 690 V, 60 Hz, 3 Ø
Aux Generators	(1) 425 kW, 480 V, 60 Hz, 3 Ø
Total Installed Power	12,639 HP / 9,425 kW
Emergency Generator	1 x 175 kW, 480 V, 60 Hz, 3 Ø
Bow Thruster #1	Brunvoll CPP, 800 BHP, 9 MT thrust
Bow Thruster #2	Brunvoll CPP, 800 BHP, 9 MT thrust
Stern Thruster #1	Brunvoll CPP, 800 BHP, 9 MT thrust
Stern Thruster #2	Brunvoll CPP, 800 BHP, 9 MT thrust

Accommodations

Cabins	18	Offices	1
Berths	43	Change Room	1
Special Personnel	22	Lounges	1
Single Cabins	8	Hospital	1
Double Cabins	6	Crew Mess	1
4 Person Cabins	6		

Electronics & Controls

Dynamic Positioning	Class 2
DP System	GE/ Converteam
DP Reference #1	3 x C-NAV 3050
DP Reference #2	Multi Target Laser Based Positioning
DP Reference #3	Sonardyne Ranger (Fusion)
Gyros	3 x TSS Meridian
ECDIS	Coastal Navigator
Radar #1	Furuno S Band
Radar #2	Furuno X Band
GMDSS	Area A3

AIS	Iridium IOP
Navtex	VSAT Broadband
Depth Sounder	x2 Furuno

Capacities

Fuel Oil	139,266 USG	(527m ³)
Potable Water	100,121 USG	(379m ³)
Drill Water	211,258 USG	(800m ³)
Water Ballast	211,258 USG	(800m ³)
Liquid Mud	277,117 USG	(1,049m ³)
Dry Bulk	7,487 ft ³	(212m ³)
Brine	98,536 USG	(373m ³)
LFL/ Methanol	98,536 USG	(373m ³)
Dispersant	4,597 USG	(17m ³)

Discharge Rates

Fuel Oil	26,417 USG/hr	(100m ³ /hr)
Potable Water	26,417 USG/hr	(100m ³ /hr)
Drill Water	26,417 USG/hr	(100m ³ /hr)
Water Ballast	26,417 USG/hr	(100m ³ /hr)
Liquid Mud	59,967 USG/hr	(227m ³ /hr)
Dry Bulk	1,497 ft ³ /min	(42m ³ /hr)
LFL/ Methanol	19,813 USG/hr	(75m ³ /hr)

Vessel Specifications

Deck and Anchor Handling

Anchors	(2) 1,846 Kg
Chain	439 m x 38 mm Ø
Chain Capacity	10,594 ft3-300 m3
Winch Model	Rolls Royce Brattvaag, Electro-Hydraulic
Line Pull	Two Drum Reverse Waterfall/295 LT 300 MT
Winch Capacity Drum #1	76mm x 2,000 m, (3" x 6,600')
Winch Capacity Drum #2	76mm x 2,000 m, (3" x 6,600')
Brake Capacity	393 LT, 400 MT
Storage Reel #1	76 mm x 2,000 m, (3" x 6,600') ea. drum
Storage Reel #2	76 mm x 2,000 m, (3" x 6,600') ea. Drum
Tugger Winch #1	11 MT
Tugger Winch #2	11 MT
Stern Roller	SWL 350 MT (16' x 8')
Shark Jaws	(2) Karmfork, 295 Lt, 300 Mt
Towing Pins	2 Pair x Karmoy hyd w/ locking flaps

Rescue Capabilities

FRFi-Fi 1 Class / C #1
MP660 Springer, Full SOLAS 6.6 m, 6 person , 32-34 kt max speed,
Diesel waterjet, self righting

Documentation

Class **ABS** A1, Towing Vessel, Fire Fighting
Vessel Class 1, Offshore Support
Vessel, AMS, ACCU, DPS-2, UWILD

Additional Notations: BP 120.6 MT, NVIC 2-95 ACP, UWILD

* Vessel is suitable for 80T SWL AHC Knuckleboom Crane or
Portable SAT Diving System to be installed on main deck.

Special Equipment

Fire Monitors	
Deluge System	
Foam Fire Fighting	(2) 1,1810 m³/hr
Survival Craft	(6) 25 person inflatable life rafts
Stability Computer	
Mud Tank Circulation	Flygt Agitators (2) per tank
Nitrogen Inerting	For Methanol Tank Inerting
Oil Dispersant	8m Arms P&S, For application of concentrated or dilute dispersant from 8m spray arms PT or STBD
Water Maker	10MT/ day
ROV Capabilities	Oceaneering-Millennium Plus ROV (220 HP) Spread
ROV Power Supply	800A & 660A from Main SWBD
Container Supply	4 x 480 V, 63A, 3Ø & 4 x 220 V



Additional Information

Currently the Vessel is in dry-dock for 3-weeks and all relevant Class/
Flag Certifications will be renewed for 5 years.

Vessel Functions:

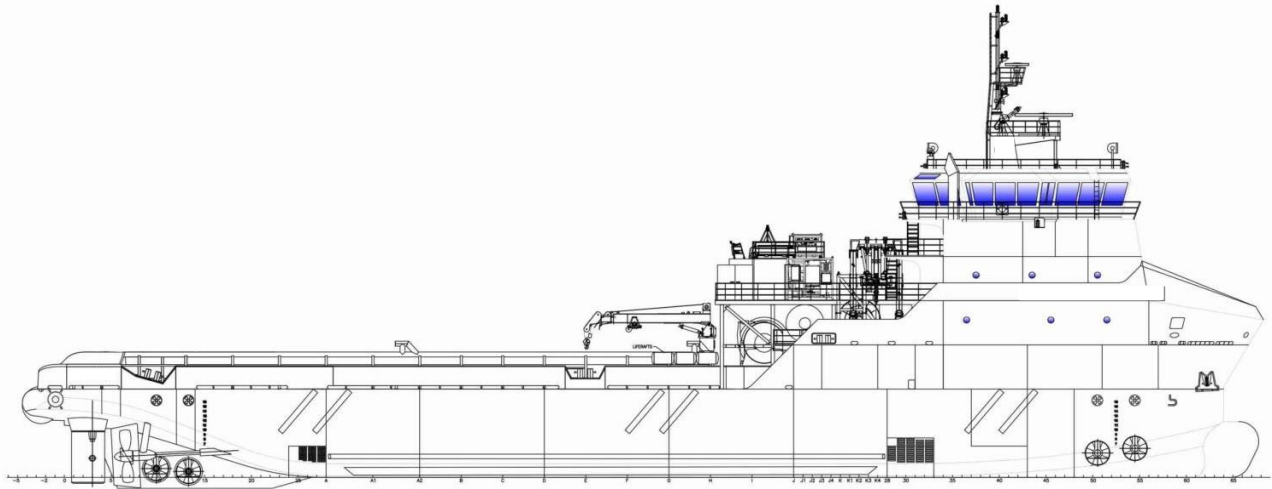
Towing, Well Stimulation, Escort, Well Test, Offshore Supply-HNLS,
Pipe Laying, Diving Support, ROV Support, Well Intervention, Heavy
Lift, Cable Laying, Anchor Handling, Subsea Service, Fire Fighting

Maximum depth: 5.8 m

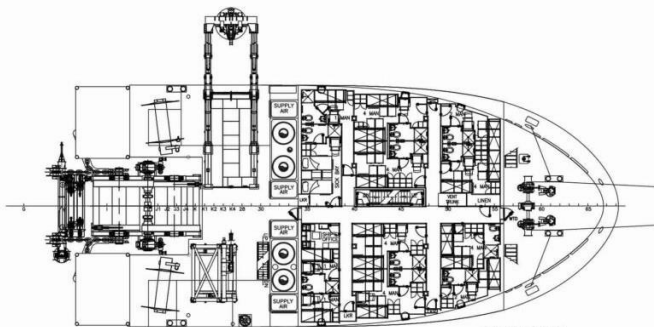
Maximum draught: 4.80 m



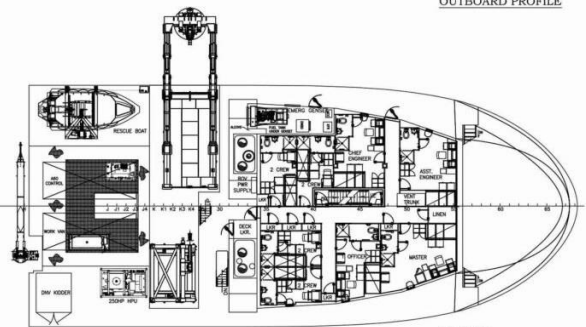
General Arrangement



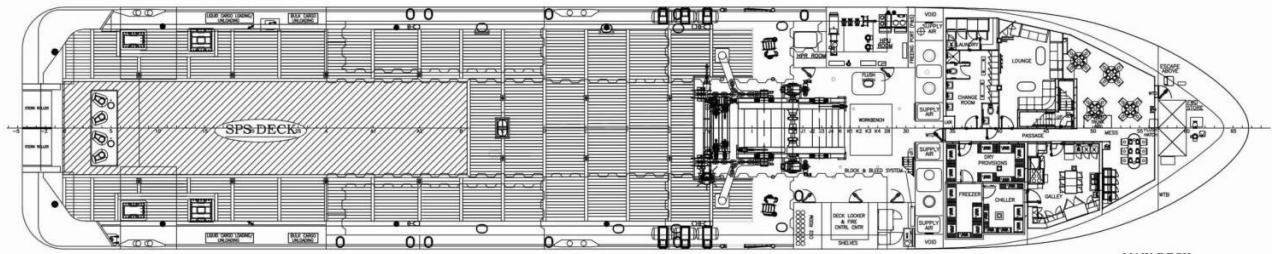
OUTBOARD PROFILE



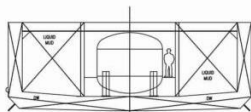
FOCSLE DECK



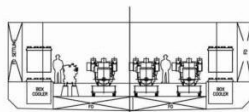
01 DECK



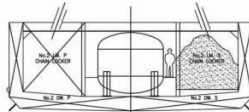
MAIN DECK



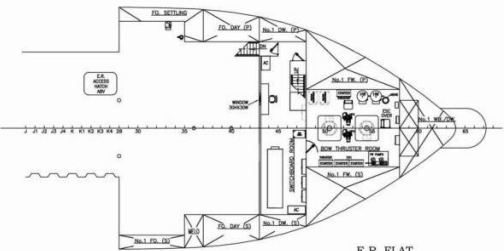
SECTION @ FR. G
LOOKING FORWARD



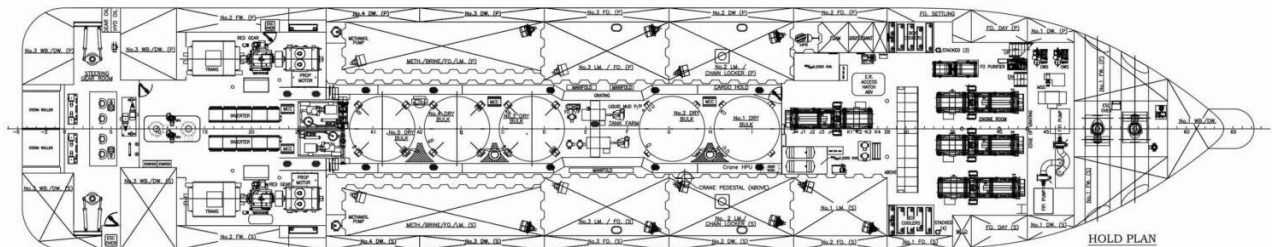
SECTION @ E.R.
LOOKING FORWARD



SECTION @ FR. H
LOOKING FORWARD



E.R. FLAT



HOLD PLAN