



OCEAN LEE

The Ocean Lee is a multi-service vessel designed to transport goods, personnel, and equipment for offshore operations. Powered by advanced propulsion and DP2 systems, it offers precise station-keeping and reliable support for demanding offshore projects.

Core Values

INNOVATIVE

VERSATILE

PROFICIENT

Main Characteristics

LENGTH OVERALL	265.1 ft	80.8 m
BEAM OVERALL	51.8 ft	15.8 m
DEPTH	19.0 ft	5.8 m
LIGHT DRAFT	14.44 ft	4.40 m
LOADED DRAFT	15.4 ft	4.7 m
DEADWEIGHT	2,541 Lt	2,582 Mt
TONNAGE (ITC)	2,409	2,409
GRT TONNAGE (ITC) NRT	829	829

**CARGO**

Tonnage	1,600.3 Lt	1,626.0 Mt
Strength	1,024.1 Lb/ft ²	5.0 Mt/m ²
Length	160.8 ft	49.0 m
Width	42.7 ft	13.0 m
Clear Area	6,835.1 ft ²	635.0 m ²

CAPABILITIES

Fuel Oil	137,634 USG	521 m ³
Portable Water	104,084 USG	394 m ³
Drill Water	207,375 USG	785 m ³
Water Ballast	207,375 USG	785 m ³
Liquid Mud	340,782 USG	1,290 m ³
Dry Bulk	7,487 m ³	212 m ³
Brine	129,444 USG	490 m ³

DISCHARGE RATES

Fuel Oil	26,417 USG/hr	100 m ³ /hr
Portable Water	26,417 USG/hr	100 m ³ /hr
Drill Water	26,417 USG/hr	100 m ³ /hr
Liquid Mud	59,967 USG/hr	227 m ³ /hr
Dry Bulk (Free Air)	1,497 ft ³ /min	42 m ³ /min

MACHINERY

Main Engines	Caterpillar 3 × 3516B & 1 × 3516C
Main Generators	3 × 1,825 kW, 1 × 2,100 kW, 690 V, 60 Hz, 3Ø
Aux Generator	425 kW, 690 V, 60 Hz, 3Ø
Total Installed Power	10,154 HP / 7575 kW
Emergency Generator	174 kW, 480 V, 60 Hz, 3Ø
Bow Thruster #1	Brunvoll FU63 CPP, 800HP (600 kW) 9 Mt thrust
Bow Thruster #2	Brunvoll FU63 CPP, 800HP (600 kW) 9 Mt thrust
Stern Thruster #1	HRP Conventional, 800HP (600 kW) 9 Mt thrust
Propellers	Fixed Pitch Propeller (Conventional) in nozzles
Rudders	Twin independent Fish Tail rudders

FUEL CONSUMPTION

Maximum	380.7 USG/hr	34.6 m ³ /day
Cruising	187.8 USG/hr	17.1 m ³ /day
Economical	97.1 USG/hr	8.8 m ³ /day

DECK & ANCHOR HANDLING

Anchors	Rolls Royce 11.5 Mt at 15m/min
Chain	2 × 1,846 Kg (439 m x 38 mm Ø chain)
Chain Capacity	10,594 ft ³ -300 m ³
Winch Model	Rolls Royce Brattvaag, Electro-Hydraulic
Line Pull	Two Drum Reverse Waterfall 300 Mt
Winch Capacity Drum #1	76 mm x 2,000 m, (3" x 6,600') each drum
Brake Capacity	393 Lt, 400 Mt
Storage Reel #1	76 mm x 2,000 m, (3" x 6,600') each drum
Tugger Winch #1	11 Mt
Tugger Winch #2	11 Mt
Stern Roller	SWL 350 Mt (16' x 8')
Shark Jaws	2 x Karmfork 300 Mt
Towing Pins	2 Pair x Karmoy hyd with locking flaps

PERFORMANCE

Maximum Speed	14.3 knots
Cruising Speed	12.0 knots
Economical Speed	10.0 knots
Bollard Pull	120 MT

ACCOMMODATIONS

Cabins	16
Berths	38
Single Cabins	2
Double Cabins	12
4 Person Cabins	2
Crew Mess	1
Offices	1
Change Room	1
Smoking Room	1
Lounges	1
Hospital	1

RESCUE CAPABILITIES

FRC #1	RESCUE BOAT 6 man - Meeting SOLAS regulations
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ELECTRONICS & CONTROLS

DYNAMIC POSITIONING	Class 2
DP SYSTEM	Converteam
DP REFERENCE #1	2 x Trimble BX-992
DP REFERENCE #2	1 x Cyscan
DP REFERENCE #3	Sonardyne Ranger USBL
GYROS	2 x TSS Meridian 1 x Yokogawa CMZ900
ECDIS	Coastal Navigator
RADAR #1	S Band ARPA
RADAR #2	X Band ARPA
GMDSS	Area A3

SPECIAL EQUIPMENT

Survival Craft	6 × 25 person inflatable liferafts
Crane #1	Crane TC10-24-40 rated at 4,422 kg @ 6.09 m and 1,367 kg @ 12.19 m
Stern Ramp	---
Stern A-Frame	25 T

REGISTRATION

Flag:	United States	Home Port:	USA, Seattle, WA
IMO Number:	9464297	MLC Cert:	Yes
Hull Number:	7877	Builder:	Bender Shipbuilding
Year Built:	2008	Class:	ABS: +A1, Towing Vessel, Offshore Support Vessel (E), +AMS, +DPS(2), UWILD
Tonnage:	2409ITC 829NITC		



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