

# Caspian Supplier

76.6 M - 3300 DWT - DP 2 - Platform Supply Vessel

Vessel Specifications

**TOPAZ**  
MARINE



# Vessel Specifications

## Registration

Class	DNV +1A1, SF, EO, HL (2.8), Dk (+), Clean, Comf-V (3)
Year built	2007
Builder	Simek AS, Norway
Flag	Azerbaijan
Port of registry	Georgetown
Call sign	ZGDL8
IMO number	9397274

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## Dimensions

Length	76.6 m
Length between perpendicular	68.2 m
Breadth (moulded)	16 m
Depth (mould to sh.dk)	7 m
Draft (max)	5.8 m
Deadweight	3300 mt
GRT	2192 mt
NRT	1030 mt

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## Machinery

Main engines	2 x 2320 kW (6310 BHP) Rolls Royce Bergen Diesel C25:33L8P
Propellers	2 x ø2.900 mm KaMeWa Ulstein
Bow Thrusters	2 x 590 kW Rolls Royce
Stern Thrusters	2 x 590 kW Rolls Royce
Rudders	2 x Ulstein High Lift

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## Deck machinery

Capstans	2 x 8 mt
Deck Crane	1 x 3 mt @ 16 m Abas
Tugger Winch	2 x 10 mt

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## Cargo capacities

Deck area	54 m x 13.5 m (710 m <sup>2</sup> )
Deck load	1600 mt
Deck strength	5 mt per m <sup>2</sup>
Fuel oil	974 m <sup>3</sup>
Potable water	916 m <sup>3</sup>
Drill water	1081 m <sup>3</sup>
Liquid mud	993 m <sup>3</sup> / 6240 bbls
Base oil	202 m <sup>3</sup> / 1272 bbls
Brine	396 m <sup>3</sup>
Dry Bulk (tanks):	320 m <sup>3</sup> / 11280 ft <sup>3</sup> ( 5)

Triple purpose tanks mud, brine, drill water with complete product segregation.

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## Discharge rates

Fuel	100/200 m <sup>3</sup> per hr @ 90 m
Pot water	100/200 m <sup>3</sup> per hr @ 90 m
Drill water	75/150 m <sup>3</sup> per hr @ 90 m
Liquid mud	2 x 75 m <sup>3</sup> per hr @ 90 m
Base oil	150 m <sup>3</sup> per hr @ 90 m
Brine	75 m <sup>3</sup> per hr @ 90 m
Dry bulk	2 x 23 m <sup>3</sup> per min @ 5.6 bar
Couplings	4" / 5" AveryHardoll, Weco

# Vessel Specifications

## Bulk connection locations

Fuel oil	Aft / mid port, mid stb
Po water	Aft/mid port, mid stb
Drill water	Aft/mid port, mid stb
Dry bulk	Aft port/stb
Liquid mud	Af/mid port aft/mid stb
Brine	Aft/mid port, mid stbd

## Speed and consumption\*

Max speed	15.8 knots
Consumption	5.7 t @ 10 knots
	7.5 t @ 12 knots
	16 t @ 14 knots
	19 t @ 15 knots
DP operations	60 Hz 6.1 t
	50 Hz 3.9 t

\*Consumption of MGO/24 hours in Sea-state 2

## Manoeuvring Equipment

Joystick	Rolls Royce
DP	Kongsberg DP 2
References	Radius 90 degrees (2 off)
	HiPap 500
	DGPS

## Navigation and communication Equipment

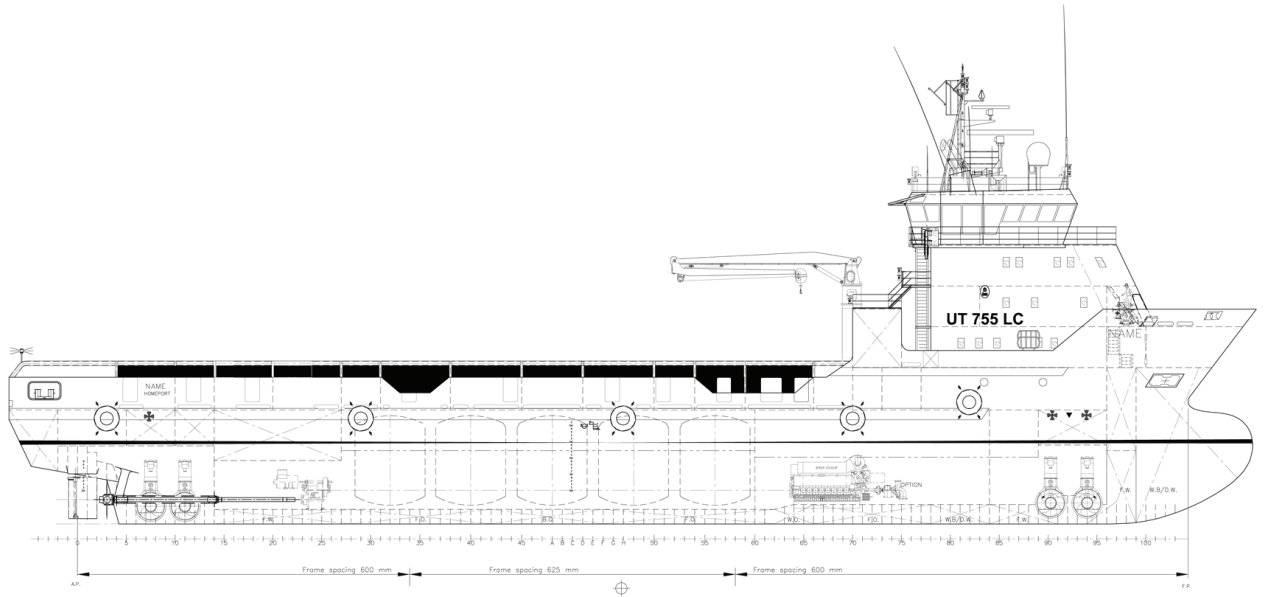
GMDSS	Sea Area 3
SSB radio	1 x Furuno FS1570
Radio terminals	2 x Sailor VHF / DSC
UHF	4 x Motorola
VHF handsets	3 x GMDSS
VHF	1 x Furuno Simplex
	1 x Sailor RT 2048
Inmarsat Fleet 77	1 x Nera
Sat C station	2 x Furuno Felcom 15
VSat	Fitted
EPIRB	1 x Jotron
SART	2 x Jotron
GSM	1 with PaBx
Radar	1 x Furuno 10cm (ARPA), 1 x 3 cm
Sat.Navigator	Furuno
Navtex	Furuno
Echo Sounder	1
Gyro	Anschutz
Autopilot	Anschutz
Doppler log	Furuno
Echo Sounder	Furuno
Electronic Charts	Fitted
AIS	Furuno

## Accommodation

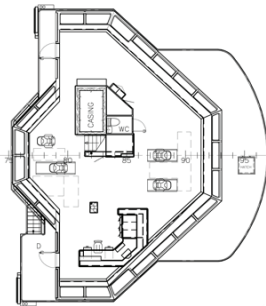
Crew	12 x 1
Passengers	1 x 4



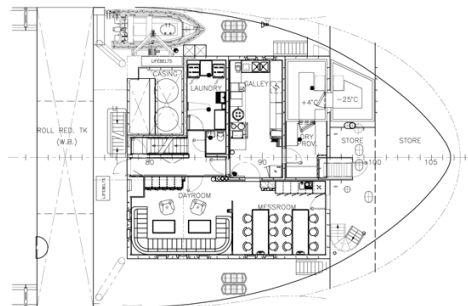
# GA Specifications



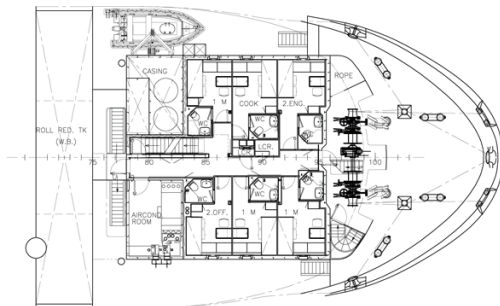
Outboard profile



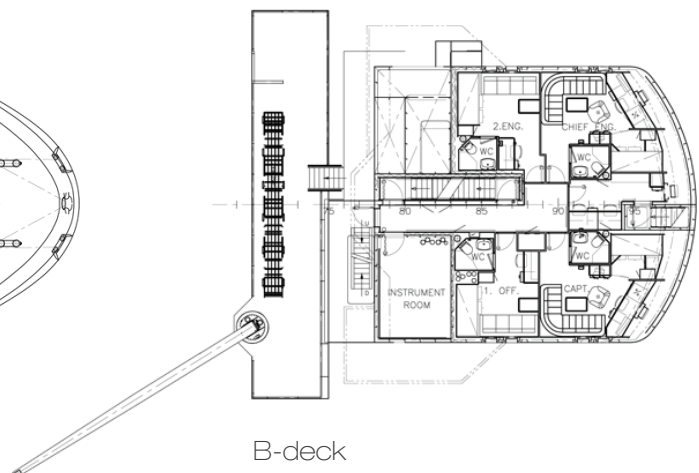
Bridge deck



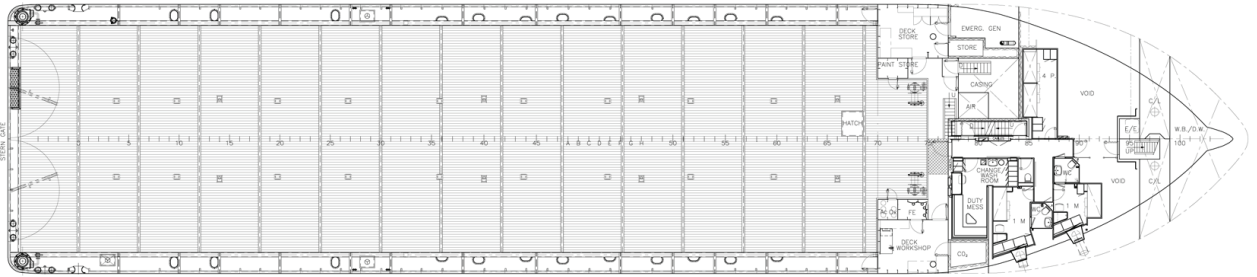
Forecastle deck



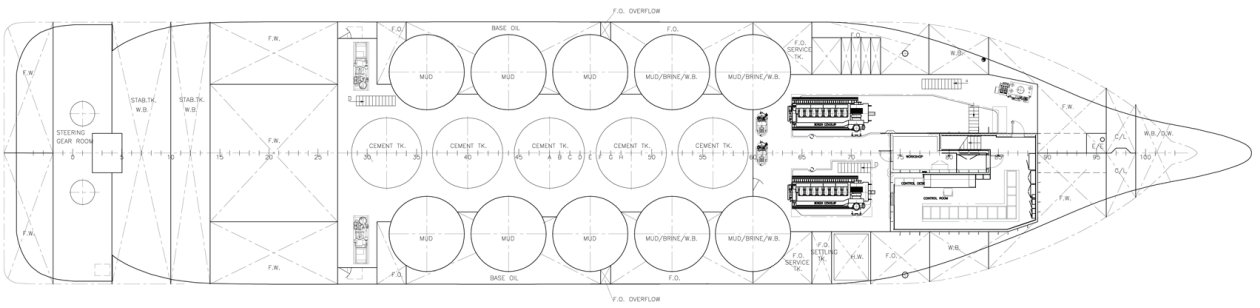
A-deck



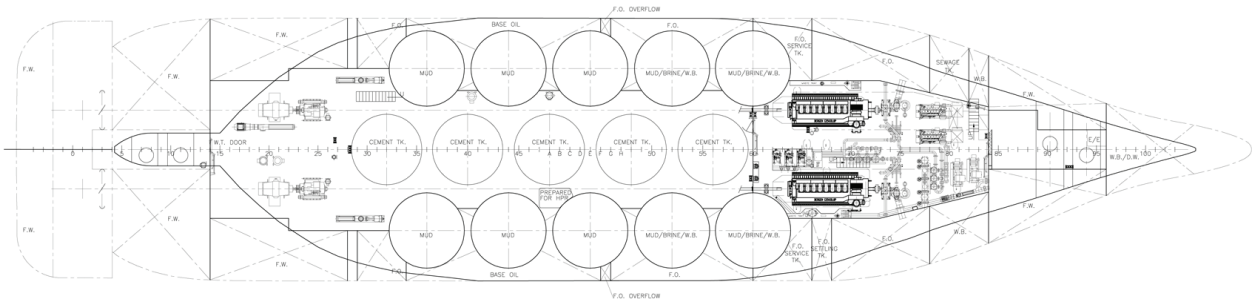
B-deck



Main deck



Tween deck



Tank top

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