



## UT 755 L PLATFORM SUPPLY VESSEL

### Vessel Characteristics

Length, Overall:	236.2 ft	71.9 m
Beam:	52.4 ft	16 m
Depth:	22.9 ft	7 m
Maximum Draft:	19.3 ft	5.8 m
Light Draft:	7.8 ft	2.4 m
Freeboard:	3.6 ft	1.1 m
Displacement:	4,800 lt	4,880 mt
Deadweight:	3,130 lt	3,180 mt
Clear Deck Space:	167 x 44 ft	51 x 14 m
Clear Deck Area:	7,410 ft <sup>2</sup>	690 m <sup>2</sup>
Deck Strength AFT:	1,020 lb/ft <sup>2</sup>	5 t/m <sup>2</sup>
Class Notations:	DNV: +1A1, Fire fighter(I), Clean, DK(+), DYNPOS(AUTR), EO, HL(2.8), OILREC, SF, TMON	

### Capacities

Deck Cargo:	1,570 lt	1,600 t
Fuel Oil:	223,000 gal	840 m <sup>3</sup>
Potable Water:	60,400 gal	230 m <sup>3</sup>
Fresh Water:	154,000 gal	580 m <sup>3</sup>
Drill/Ballast Water:	135,000 gal	510 m <sup>3</sup>
Bulk Tanks (4 tanks):	9,900 ft <sup>3</sup>	280 m <sup>3</sup>
Liquid Mud (23 lbs/gal):	6,240 bbl	990 m <sup>3</sup>
Base Oil:	1,260 bbl	200 m <sup>3</sup>
Fire Fighting Foam:	3,120 gal	11.8 m <sup>3</sup>

# Further specifications

## Machinery

<b>Main Engines (2):</b>	RRM Bergen C25:33L8P		
<i>Total HP:</i>	6,310		
<b>Propellers (2):</b>	CPP		
<b>Primary Generators (2):</b>	260 kw	440 v	60 hz
<i>Driven by:</i>	CAT 3406C		
<b>Secondary Generators (2):</b>	1,440 kw	440 v	60 hz
<i>Driven by:</i>	MAIN ENGINES		
<b>Emergency Generators (1):</b>	64 kw	440 v	60 hz
<i>Driven by:</i>	CAT		
<b>Bow Thruster (2):</b>	RRM Kamewa Ulstein TT CPP		
<i>Driven by:</i>	590kW ELECTRIC MOTORS		
<i>Total Thrust:</i>	19.7 st	17.9 mt	
<b>Stern Thruster (1):</b>	RRM Kamewa Ulstein TT CPP		
<i>Driven by:</i>	590kW ELECTRIC MOTORS		
<i>Total Thrust:</i>	9.9 st	9 mt	

## Deck Equipment

<b>Anchors (2):</b>	2460KG SPEK TYPE
<b>Anchor Chain:</b>	230 m of 38 mm chain per side
<b>Crane:</b>	5 t @ 10 m
<b>Capstans (2):</b>	8 t Brattvaag
<b>Tugger (2):</b>	10 t Brattvaag

## Accommodations

<b>No. of Berths:</b>	36
<b>Cabins:</b>	10x1-man, 2x2-man & 3x4-man
<b>Certified to Carry:</b>	36
<b>Galley seating:</b>	24
<b>Hospital:</b>	Yes

## Registration

<b>Flag:</b> UNITED KINGDOM		
<b>Year Built:</b> 2005		
<b>Tonnage (ITC):</b>	2154 GT	1010 NT

## Performance\*

<b>Fuel Consumption Vs Speed</b>		
<i>Maximum:</i>	27.3 m <sup>3</sup> /day (300 gph) @ 14 knots	
<i>Cruising:</i>	22.7 m <sup>3</sup> /day (250 gph) @ 12 knots	
<i>Economical:</i>	16.4 m <sup>3</sup> /day (180 gph) @ 10 knots	
<i>Standby:</i>	2.7 m <sup>3</sup> /day (30 gph) @ 0 knots	
<b>Range @ 12 Knots:</b>	14,000 nm	
<b>Transfer Rates</b>		
<i>Fuel Oil:</i>	1,100 gpm @ 290 ft	250 m <sup>3</sup> /h @ 90 m
<i>Fresh Water:</i>	880 gpm @ 290 ft	200 m <sup>3</sup> /h @ 90 m
<i>Drill/Ballast Water:</i>	880 gpm @ 290 ft	200 m <sup>3</sup> /h @ 90 m
<i>Bulk:</i>	41.3 cfm @ 190 ft	70 m <sup>3</sup> /h @ 57 m
<i>Liquid Mud:</i>	440 gpm @ 600 ft	100 m <sup>3</sup> /h @ 180 m
<i>Base Oil:</i>	660 gpm @ 290 ft	150 m <sup>3</sup> /h @ 90 m
<i>Brine:</i>	440 gpm @ 600 ft	100 m <sup>3</sup> /h @ 180 m

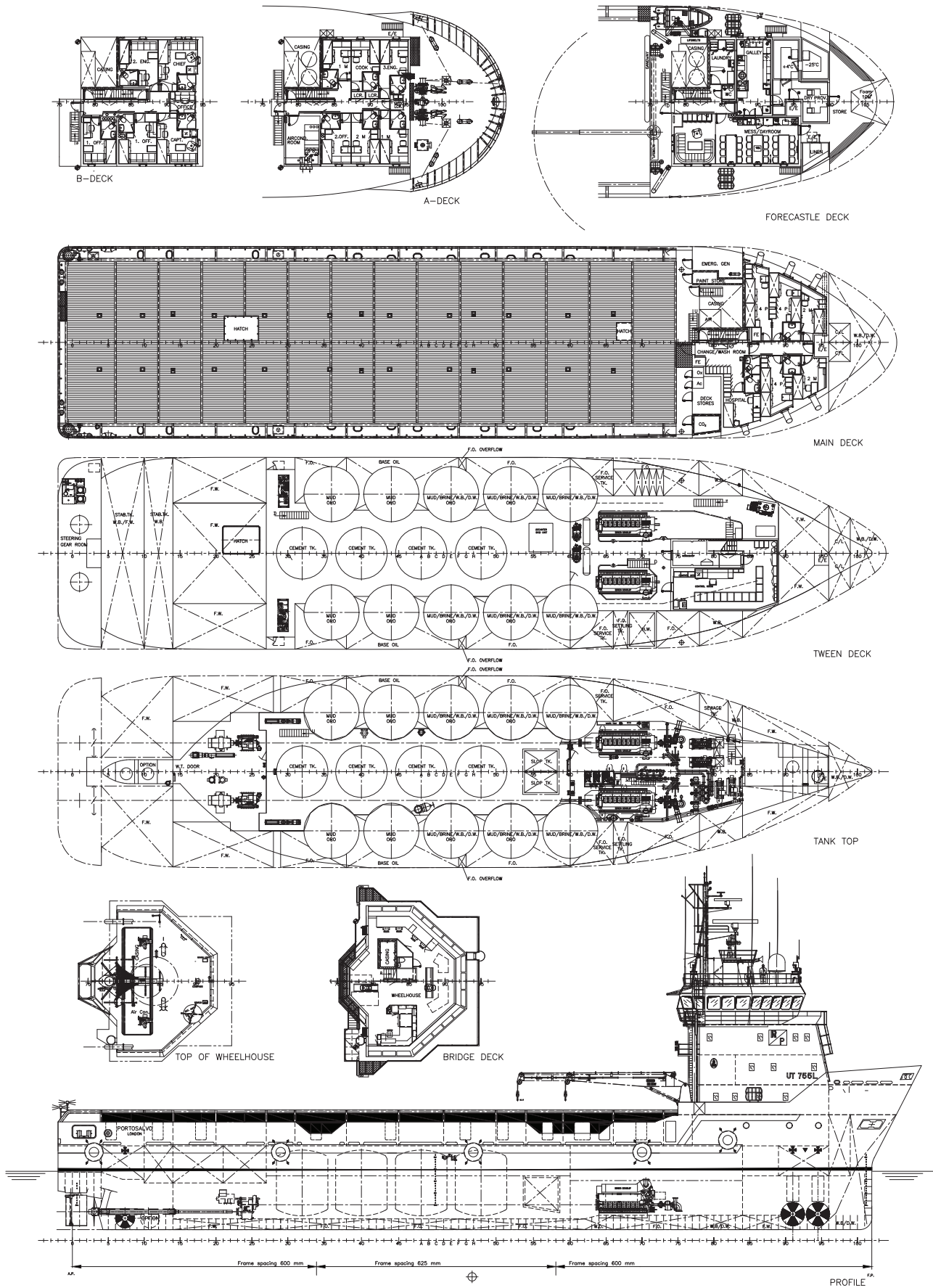
## Nav/Comms Equipment

<b>Radar(s):</b>	2
<b>Depth Sounder:</b>	1
<b>Cyro Compass:</b>	3
<b>Doppler Log:</b>	1
<b>Radio:</b>	3 x VHF; 1 x SSB
<b>Sat Com:</b>	INMARSAT C

## Special Equipment

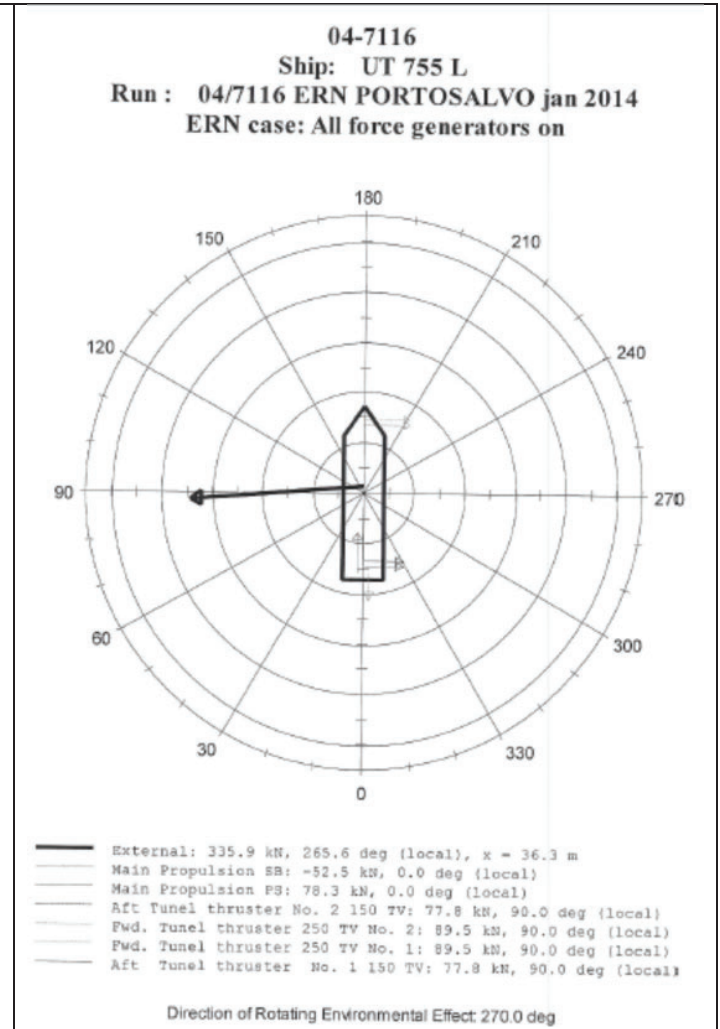
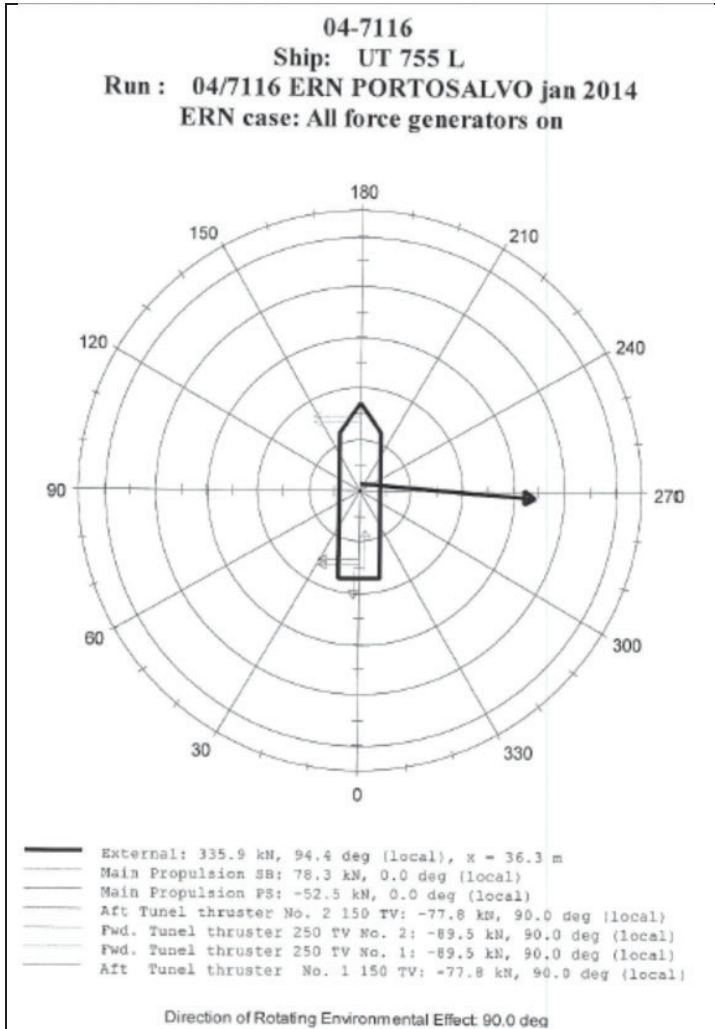
<b>Firefighting:</b>	FiFi-1
<b>Dynamic Positioning:</b>	DP-2 CLASSED
<b>Ref. Systems:</b>	3 x MRU; 3 x DGPS 1 x Microwave-based; 1 x Laser-based
<b>Mud Circulation System/ Mud Mixers:</b>	Yes/Yes
<b>Tank Cleaning:</b>	Yes
<b>Rescue Boat:</b>	RIGID RESCUE BOAT
<b>Reefer Sockets:</b>	1x220V 16A, 1x440V 32A
<b>Additional Features:</b>	ORO Capacity - 794.4m <sup>3</sup>

# General Arrangement (Current configuration may vary.)





# DP Capability Plot



Env. [deg]	FGen 1 [kW]	FGen 2 [kW]	FGen 3 [kW]	FGen 4 [kW]	FGen 5 [kW]	FGen 6 [kW]	Total [kW]
Inst.	2005	2005	590	590	590	590	6370
90.0	523	525	590	590	590	590	3408
270.0	525	523	590	590	590	590	3408

**Total Installed Power: 4640 kW**  
**Total Average Power Efficiency: 0.940 -**

Env. Exceeding installed? [deg]	Hotel [kW]	Winch [kW]	Other [kW]	Propulsion [kW]	Total power consumption [kW]	
90.0	300	0	200	3408	3908	No
270.0	300	0	200	3408	3908	No