



## STX PSV 09 CD PLATFORM SUPPLY VESSEL

### Vessel Characteristics

Length, Overall:	284.8 ft	86.8 m
Beam:	62.3 ft	19 m
Depth:	26.3 ft	8 m
Maximum Draft:	21.7 ft	6.6 m
Light Draft:	9.8 ft	3 m
Minimum Height:	86.3 ft	26.3 m
Freeboard:	4.6 ft	1.4 m
Displacement:	7,430 lt	7,550 mt
Deadweight:	4,690 lt	4,760 mt
Clear Deck Space:	205 x 52 ft	63 x 16 m
Clear Deck Area:	10,800 ft <sup>2</sup>	1000 m <sup>2</sup>
Deck Strength FWD:	1,020 lb/ft <sup>2</sup>	5 t/m <sup>2</sup>
Deck Strength AFT:	2,050 lb/ft <sup>2</sup>	10 t/m <sup>2</sup>
Class Notations:	DNV: +1A1, Clean(Design), COAT-PSPC(B), COM-F(V-3), DK(+), DYNPOS(AUTR), EO, HL(2.8), LFL(*), NAUT(OSV(A)), SF	

### Capacities

Deck Cargo:	2,510 lt	2,550 t
Fuel Oil:	248,000 gal	940 m <sup>3</sup>
Potable Water:	21,500 gal	81.4 m <sup>3</sup>
Fresh Water:	226,000 gal	860 m <sup>3</sup>
Drill/Ballast Water:	613,000 gal	2,320 m <sup>3</sup>
Bulk Tanks (6 tanks):	9,540 ft <sup>3</sup>	270 m <sup>3</sup>
Liquid Mud (2.8 SG*):	6,030 bbl	960 m <sup>3</sup>
*Max Structural Specific Gravity		
Methanol:	1,050 bbl	170 m <sup>3</sup>
Base Oil:	1,550 bbl	250 m <sup>3</sup>
Brine:	3,130 bbl	500 m <sup>3</sup>
Fire Fighting Foam:	530 gal	2 m <sup>3</sup>

## TIDEWATER

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Pg.2 Further Specifications  
Pg.3 General Arrangement

Pg.4 Capacity Table  
Pg.5 DP Capability Plot



## Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	5,900 / 8,880		
Z-Drives:	Yes		
Propellers (2):	2X 2200KW AZP 100CP		
Primary Generators (4):	1,660 kw	690 v	60 hz
Driven by:	WARTSILA 9L20/AVK		
Secondary Generators (1):	420 kw	690 v	60 hz
Driven by:	CAT C18		
Emergency Generators (1):	97 kw	690 v	60 hz
Driven by:	PERKINS 6TGM		
Bow Thruster (2):	RR TT2200 DPN FP		
Driven by:	880kW ELECTRIC MOTORS		
Total Thrust:	29.5 st	26.8 mt	

## Deck Equipment

Anchors (2):	3540KG SPEC TYPE
Anchor Chain:	260 m of 46 mm chain per side
Windlass:	2x ODIM OBW 46K3
Crane (1):	10 t @ 10 m
Aux. Crane (1):	1 t @ 10 m
Capstans (2):	10 t ODIM 1005-10T-CAP
Tugger (2):	10 t HARAM ELEKTRO TUW-10T

## Accommodations

No. of Berths:	26
Cabins:	10x1-man & 8x2-man
Certified to Carry:	26
Galley seating:	20
Hospital:	Yes

## Registration

Flag: UNITED KINGDOM	Home Port: LONDON
Hull Number: 728	IMO N <sup>o</sup> : 9465136
Year Built: 2010	Call Sign: 2DJE3
Builder:	STX Norway Offshore AS Søviknes
Tonnage (ITC):	3639 GT 1190 NT

## Performance\*

Fuel Consumption Vs Speed		
Maximum:	27 m³/day (300 gph) @ 14 knots	
Cruising:	14 m³/day (150 gph) @ 12.5 knots	
Economical:	12 m³/day (130 gph) @ 11 knots	
Standby:	1.6 m³/day (17.6 gph) @ 0 knots	
Range @ 12.5 Knots:	21,900 nm	
Transfer Rates		
Fuel Oil:	1,100 gpm @ 300 ft	250 m³/h @ 92 m
Fresh Water:	1,100 gpm @ 300 ft	250 m³/h @ 92 m
Drill/Ballast Water:	1,100 gpm @ 300 ft	250 m³/h @ 92 m
Bulk:	26.5 cfm @ 200 ft	45 m³/h @ 61 m
Liquid Mud:	330 gpm @ 800 ft	75 m³/h @ 240 m
Base Oil:	440 gpm @ 250 ft	100 m³/h @ 76 m
Brine:	330 gpm @ 700 ft	75 m³/h @ 210 m
Methanol:	330 gpm @ 300 ft	75 m³/h @ 90 m

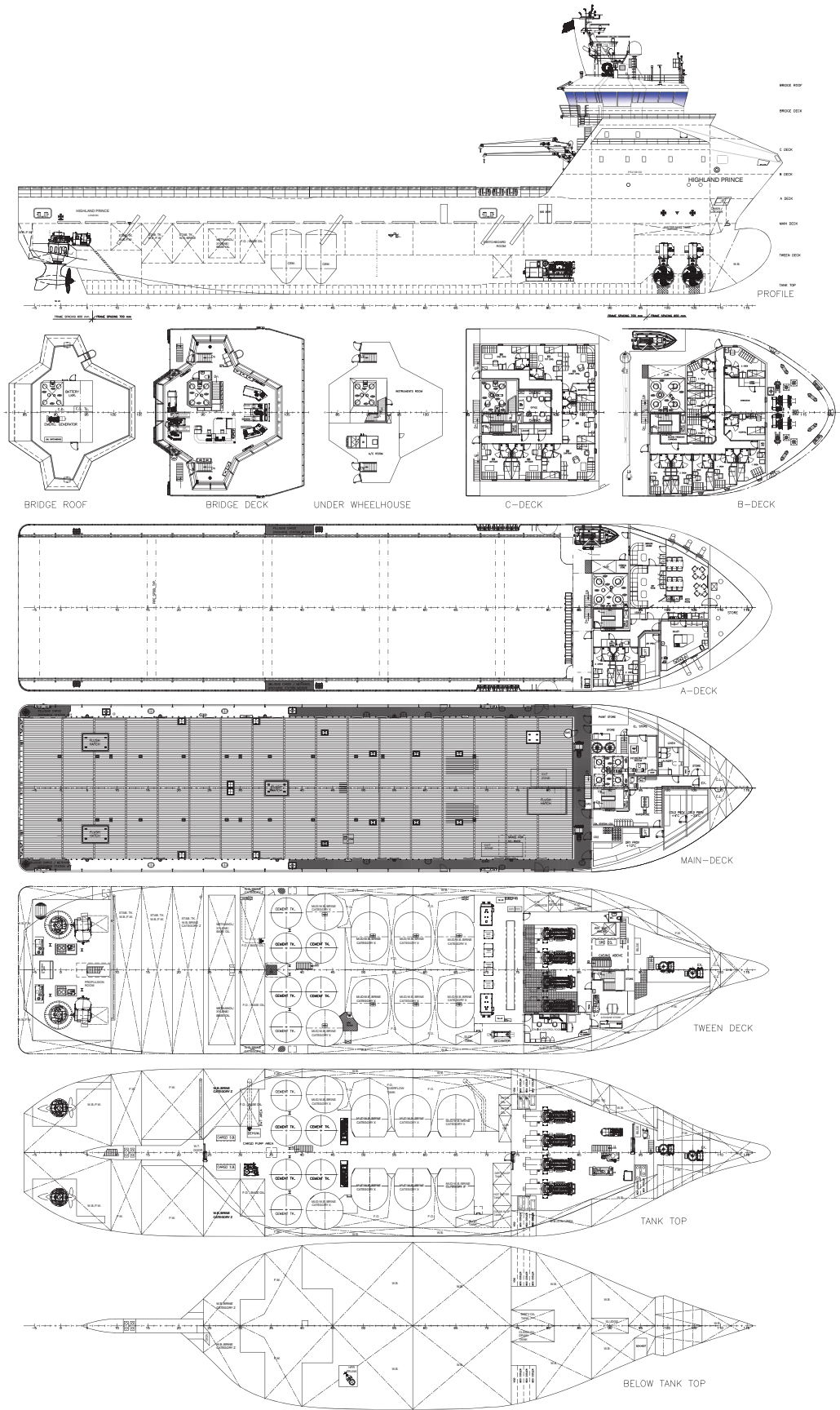
## Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	2
Doppler Log:	1
Radio:	3 x VHF; 1 x SSB

## Special Equipment

Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 3 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Boat:	Norsafe Midget 6-Man MOB
Gas Detection:	2X PORTABLE DETECTORS
Misc:	MSD - 50 Persons; 1x BHS Air Dryer; Eye Wash Station; HiPAP Ready

\*Approximate values assuming Ideal Conditions





\*Capacities shown are for lead vessel. Actual capacities may vary slightly.  
 \*Capacities shown in **RED** are excluded from the total volume.  
 \*Capacities shown in **BLUE** are included in another Tank's Capacity.  
 \*Capacities shown in **GREEN** are counted for multiple Tank Capacities.

