



DEMAREST TIDE as shown, FANNING TIDE similar

STX PSV 09 PLATFORM SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	288.4 ft	87.9 m
Beam:	62.3 ft	19 m
Depth:	26.3 ft	8 m
Maximum Draft:	21.7 ft	6.6 m
Light Draft:	10.8 ft	3.3 m
Minimum Height:	89.8 ft	27.4 m
Freeboard:	4.6 ft	1.4 m
Displacement:	7,420 lt	7,540 mt
Deadweight:	4,380 lt	4,450 mt
Clear Deck Space:	205 x 52 ft	62 x 16 m
Clear Deck Area:	10,700 ft ²	1000 m ²
Deck Strength FWD:	1,024 lb/ft ²	5 t/m ²
Deck Strength AFT:	2,050 lb/ft ²	10 t/m ²
Class Notations:	DNV: +1A1, SF, EO, DYNPOS-AUTR, DK+, HL(2.8), ICE-C, Fire Fighter(II), CLEAN DESIGN, OILREC, NAUT-OSV(A), LFL*, COMF-V(3)C(3), NOFO 2009	

Capacities

Deck Cargo:	2,460 lt	2,500 t
Fuel Oil:	287,000 gal	1,080 m ³
Potable Water:	37,900 gal	140 m ³
Fresh Water:	168,000 gal	640 m ³
Drill/Ballast Water:	690,000 gal	2,610 m ³
Bulk Tanks (6 tanks):	11,400 ft ³	320 m ³
Liquid Mud (2.8 SG*):	6,090 bbl	970 m ³
*Max Structural Specific Gravity		
Methanol:	1,020 bbl	160 m ³
Base Oil:	2,540 bbl	400 m ³

TIDEWATER

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Pg.2 Further Specifications
Pg.3 General Arrangement

Pg.4 Capacity Table
Pg.5 DP Capability Plot

FANNING TIDE

Further specifications



Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	6,700 / 9,440		
Z-Drives:	Yes		
Propellers (2):	Schottel SCD 2020FP 2500KW		
Primary Generators (4):	1,670 kw	690 v	60 hz
Driven by:	MAN 8L21/31		
Emergency Generators (1):	160 kw	690 v	60 hz
Driven by:	Cummins 6CTA8.3DM		
Bow Thruster (2):	BRUNVOLL FU-74-LTC2000 TT		
Driven by:	880 kW Electric Motors		
Total Thrust:	29.4 st	26.7 mt	

Deck Equipment

Anchors (2):	Spek Type 3540kg
Anchor Chain:	250 m of 46 mm chain per side
Windlass:	14t@12m/min
Crane (1):	5 t @ 9.8 m
Aux. Crane (1):	2 t @ 9.8 m
Capstans (2):	10 t RRM CA 100H
Tugger (2):	10 t RRM TUW 100F

Accommodations

No. of Berths:	26
Cabins:	10x1-man, 4x2-man & 2x4-man
Certified to Carry:	26
Galley seating:	20
Hospital:	Yes

Registration

Flag: VANUATU	Home Port: PORT VILA
Hull Number: 762	IMO N ^o : 9608738
Year Built: 2013	Call Sign: YJTC2
Builder:	STX NORWAY OFFSHORE AS
Tonnage (ITC):	3943 GT1616 NT

Performance*

Fuel Consumption Vs Speed		
Maximum:	26.6 m³/day (290 gph) @ 14 knots	
Cruising:	19.9 m³/day (220 gph) @ 12 knots	
Economical:	14.9 m³/day (160 gph) @ 10 knots	
Range @ 11 Knots:	16,200 nm	
Transfer Rates		
Fuel Oil:	1,100 gpm @ 300 ft	250 m³/h @ 92 m
Fresh Water:	660 gpm @ 300 ft	150 m³/h @ 92 m
Drill/Ballast Water:	1,100 gpm @ 300 ft	250 m³/h @ 92 m
Bulk:	31.5 cfm @ 200 ft	53.5 m³/h @ 61 m
Liquid Mud:	440 gpm @ 800 ft	100 m³/h @ 240 m
Base Oil:	440 gpm @ 300 ft	100 m³/h @ 92 m
Brine:	440 gpm @ 720 ft	100 m³/h @ 220 m
Methanol:	440 gpm @ 270 ft	100 m³/h @ 82 m

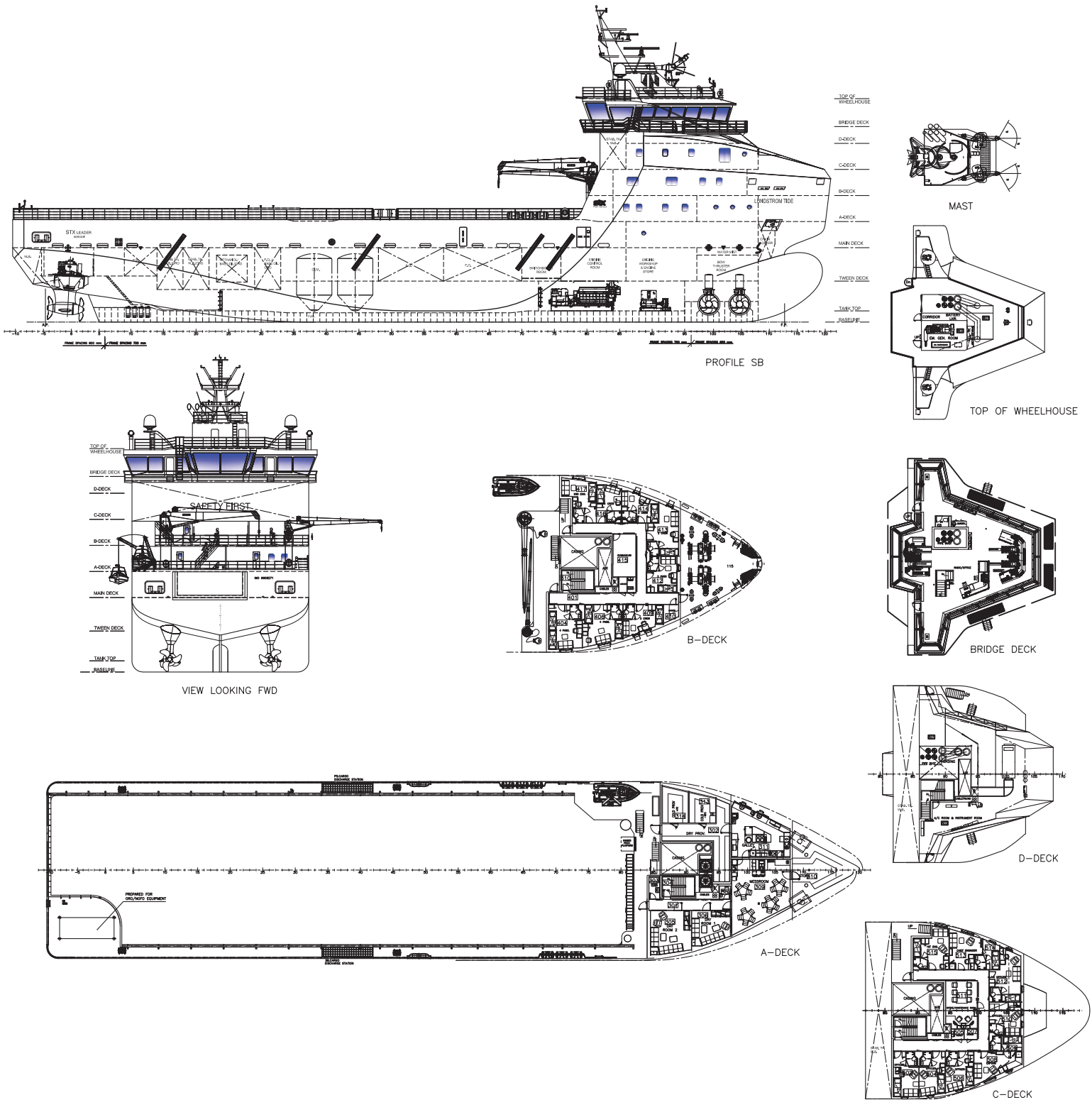
Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	2
Doppler Log:	1
Radio:	5 x VHF

Special Equipment

Firefighting:	FIFI-2
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Boat:	6-Man Midget 500 MKII
Fuel Monitoring:	GREEN PILOT
Reefer Sockets:	6x 230V 16A 3ph
Misc:	MSD; ORO Capable - 1573.9m³; NOFO Sockets: 2x440V 32A 3ph, 6x230V 16A 1p

*Approximate values assuming Ideal Conditions





Tank	Contents	Volume m ³	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
01 WB/DW	DW/WB	110.3				110.3								
04 WB/DW	DW/WB	78.3				78.3								
06 WB/DW	DW/WB	82.0				82.0								
07 WB/DW	DW/WB	78.1				78.1								
08 WB/DW	DW/WB	60.4				60.4								
10 WB/DW	DW/WB	74.0				74.0								
11 WB/DW	DW/WB	74.0				74.0								
12 WB/DW	DW/WB	77.4				77.4								
13 WB/DW	DW/WB	77.4				77.4								
22 WB/DW	DW/WB	150.6				150.6								
23 WB/DW	DW/WB	128.9				128.9								
24 WB/DW	DW/WB	250.7				250.7								
25 WB/DW/ORO	DW/WB/ORO	232.8				232.8								
26 WB/DW/ORO	DW/WB/ORO	229.9				229.9								
79 WB/DW	DW/WB	208.5				208.5								
81 WB/DW	DW/WB	60.4				60.4								
82 WB/DW	DW/WB	119.1				119.1								
83 WB/DW	DW/WB	119.1				119.1								
84 WB/DW	DW/WB	122.0				122.0								
87 WB/DW	DW/WB	114.4				114.4								
88 WB/DW	DW/WB	81.5				81.5								
89 WB/DW	DW/WB	81.5				81.5								
02 FW	Ship's FW	71.8					71.8							
03 FW	Ship's FW	71.8					71.8							
09 FW	FW	29.2						29.2						
14 FW	FW	20.6						20.6						
15 FW	FW	20.6						20.6						
18 FW	FW	69.8						69.8						
19 FW	FW	69.8						69.8						
20 FW	FW	147.8						147.8						
21 FW	FW	147.8						147.8						
85 FW	FW	49.7						49.7						
86 FW	FW	49.7						49.7						
97 FW	FW	30.7						30.7						
42 FO	FO	262.5		262.5										
43 FO	FO	261.2		261.2										
44 FO	FO	170.0		170.0										
45 FO	FO	61.5		61.5										
46 FO/BO/ORO	FO/BO/ORO	120.8	120.8	120.8										
47 FO/BO/ORO	FO/BO/ORO	120.8	120.8	120.8										
48 FO Overflow	FO	43.6		43.6										
49 FO	FO	87.9		87.9										
50 FO Service 1	FO	18.4		18.4										
51 FO Service 2	FO	17.2		17.2										
71 FO Settling Tk	FO	16.3		16.3										
98 FO Emerg. Tk	FO	2.7		2.7										
28 LM/BR	LM/BR	130.5								130.5				
29 LM/BR	LM/BR	130.5								130.5				
30 LM/BR/ORO	LM/BR/ORO	130.5								130.5				
31 LM/BR/ORO	LM/BR/ORO	130.5								130.5				
32 LM/BR/ORO	LM/BR/ORO	130.3								130.3				
33 LM/BR/ORO	LM/BR/ORO	130.3								130.3				
34 LM/BR/ORO	LM/BR/ORO	93.1								93.1				
35 LM/BR/ORO	LM/BR/ORO	93.1								93.1				
52 METH/BO/ORO	METH/BO/ORO	80.9	80.9								80.9			
53 METH/BO/ORO	METH/BO/ORO	80.9	80.9								80.9			
61 Lube Oil Tk	LO	13.2										13.2		
77 Lube Oil Tk 2	LO	5.3										5.3		
41 Cem	Dry Bulk	53.6			53.6									
40 Cem	Dry Bulk	53.6			53.6									
39 Cem	Dry Bulk	53.6			53.6									
38 Cem	Dry Bulk	53.6			53.6									
37 Cem	Dry Bulk	53.6			53.6									
36 Cem	Dry Bulk	53.6			53.6									
Total Volume [m ³]			403.4	1,182.9	321.6	2,611.3	143.6	635.7	0.0	968.8	161.8	18.5	0.0	0.0
Spec Sheet Total Volume [m ³]			403.4	1,084.7	321.6	2,611.3	143.6	635.7	0.0	968.8	161.8	18.5	0.0	0.0

*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.

FANNING TIDE

DP Capability Plot



Ship: NOD-608,PSV09 (imported)
Run : All thrusters intact

