

LELEAN TIDE



DAMEN STAN UTILITY/LINE HANDLING VESSEL

Vessel Characteristics

Length, Overall:	91.7 ft	28 m
Beam:	19.5 ft	5.9 m
Depth:	11 ft	3.4 m
Maximum Draft:	7.8 ft	2.4 m
Minimum Height:	36.7 ft	11.2 m
Freeboard:	3.4 ft	1 m
Displacement:	140 lt	150 mt
Deadweight:	50 lt	50 mt
Clear Deck Space:	34 x 11 ft	10 x 3.3 m
Clear Deck Area:	370 ft ²	34.2 m ²
Deck Strength:	110 lb/ft ²	0.5 t/m ²
Class Notations:	ABS: A1, AMS	

Capacities

Deck Cargo:	10 lt	10 t
Fuel Oil:	5,030 gal	19 m ³
Potable Water:	480 gal	1.8 m ³
Fresh Water:	1,790 gal	6.8 m ³
Fire Fighting Foam:	280 gal	1 m ³

TIDEWATER

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Machinery

Main Engines (2):	CATERPILLAR 3512B DI-TA		
<i>Total HP:</i>	2,890		
Propellers (2):	4-Blade; 43 x 44 inch		
Primary Generators (2):	65 kw	220 v	60 hz
<i>Driven by:</i>	Caterpillar 3304 (1-NA)(1-TI)		

Performance*

Fuel Consumption Vs Speed		
<i>Maximum:</i>	12.3 m ³ /day (130 gph) @ 18 knots	
<i>Cruising:</i>	11.8 m ³ /day (130 gph) @ 14 knots	
<i>Economical:</i>	9.1 m ³ /day (100 gph) @ 10 knots	
<i>Standby:</i>	0.2 m ³ /day (2 gph) @ 0 knots	
Range @ 14 Knots:	520 nm	
Transfer Rates		
<i>Fuel Oil:</i>	150 gpm @ 66 ft	35 m ³ /h @ 20 m
<i>Fresh Water:</i>	150 gpm @ 66 ft	35 m ³ /h @ 20 m

Deck Equipment

Anchors (1):	200 lb HHP
Anchor Chain:	180 m of 13 mm chain per side
Crane:	0.5 t @ 4.6 m
Capstans (2):	3 t Ridderinrhof ECR
Tugger (1):	5 t Ridderenkof

Tow/Anchor Handling

Stern Roller:	1.4m x .4m Dia.; 5 mt SWL
Misc. Towing Equipment:	Tow Bitt; Lifting Eye

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	1
Radio:	2 x VHF; 3 x SSB

Accommodations

No. of Berths:	8
Cabins:	2x2-man & 1x4-man
Pssenger Seats:	12
Certified to Carry:	20
Galley seating:	8

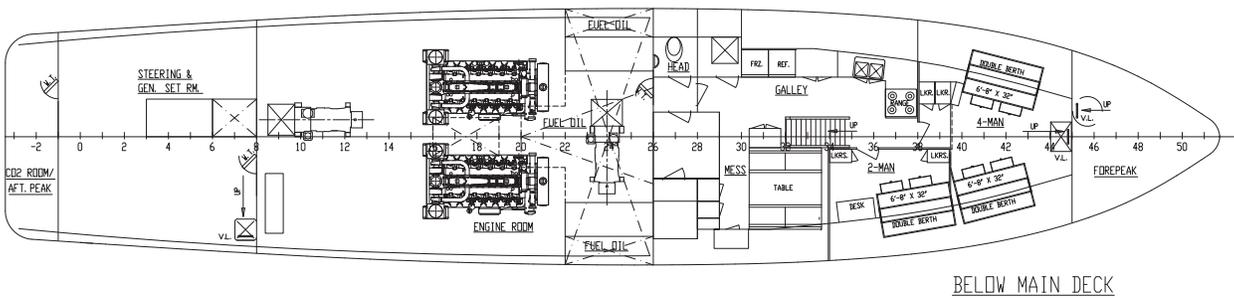
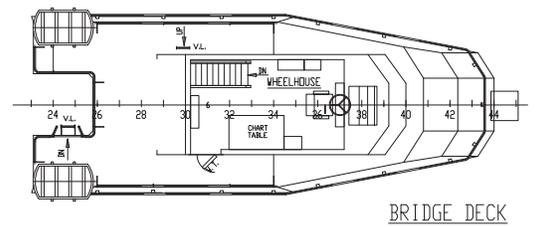
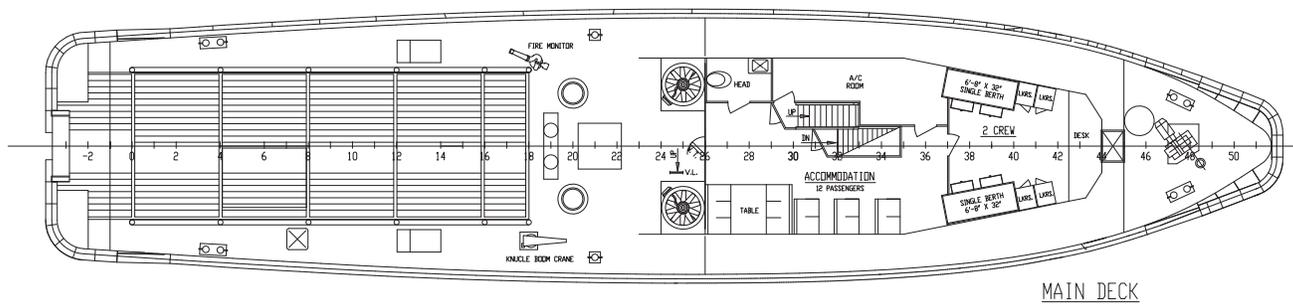
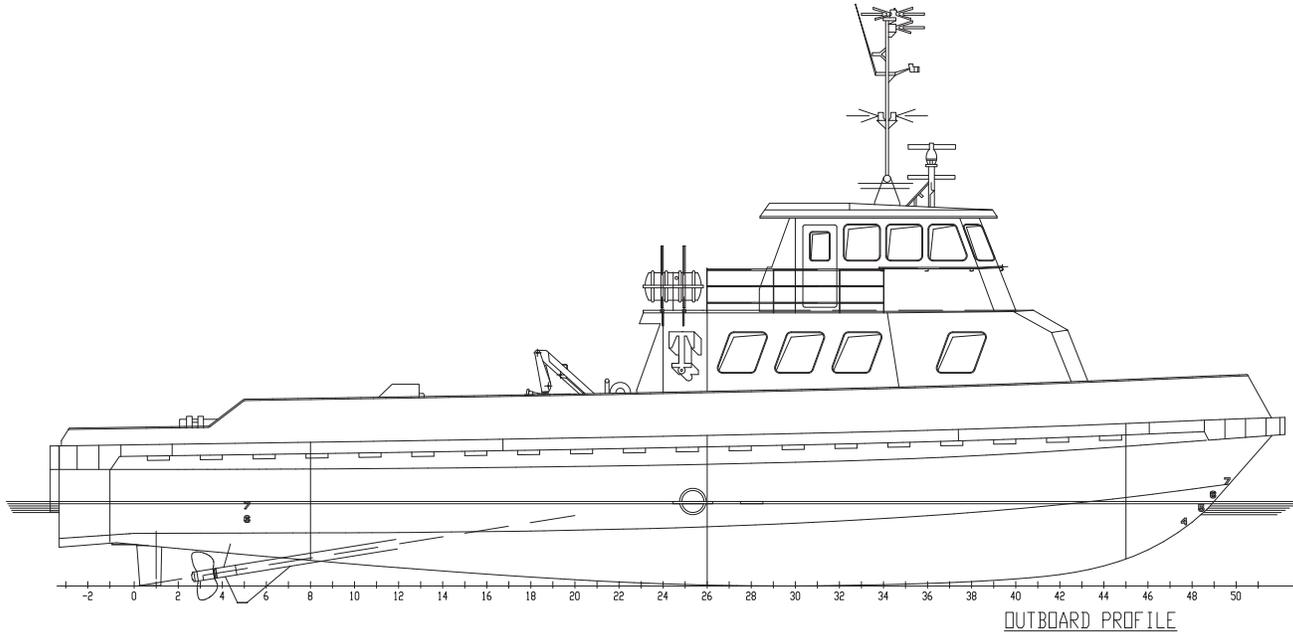
Special Equipment

Firefighting:	1 x 360 m ³ /hr Fire Monitor(s)
Oil Dispersant Equipment:	2 x 4m Booms (P/S)

Registration

Flag: Vanuatu	IMO N^o: 9156890
Year Built: 1997	Call Sign: YJQS5
Builder:	DAMEN SHIPYARDS
Tonnage (ITC):	113 GT 34 NT

*Approximate values assuming Ideal Conditions



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Capacity Table



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.
No. 1 FO (S)	FO	9.1		9.1										
No. 2 FO (P)	FO	9.1		9.1										
No. 3 Day Tank (C)	FO	0.8		0.8										
No. 4 FW (C)	Ship's FW	1.8					1.8							
No. 5 Cargo FW (C)	FW	6.8						6.8						
Foam Tank	Foam	1.0											1.0	
Lube Oil Tank	LO	1.3										1.3		
Total Volume [m ³]			0.0	19.0	0.0	0.0	1.8	6.8	0.0	0.0	0.0	1.3	1.0	0.0
Spec Sheet Total Volume [m ³]			0.0	19.0	0.0	0.0	1.8	6.8	0.0	0.0	0.0	1.3	1.0	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.