

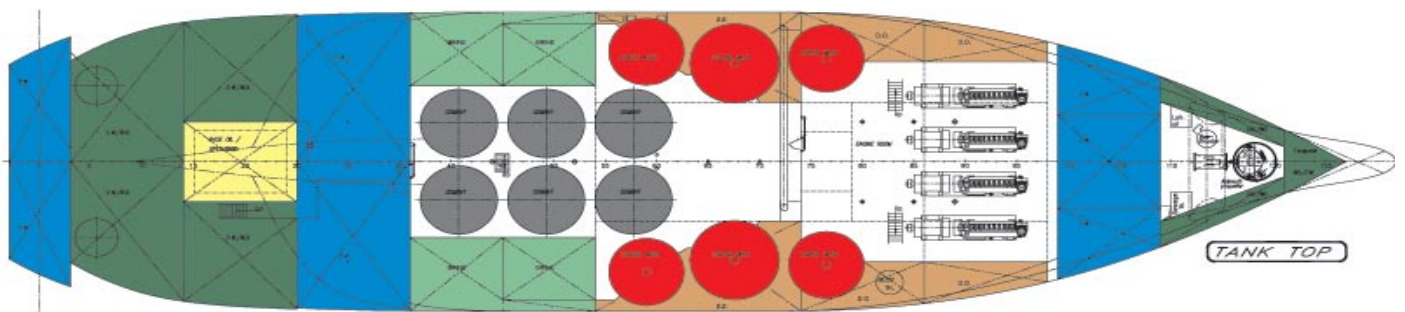
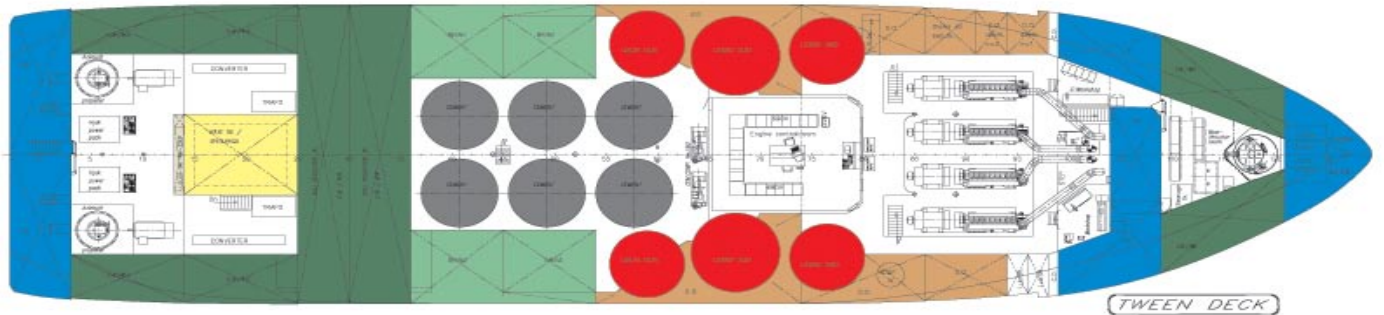
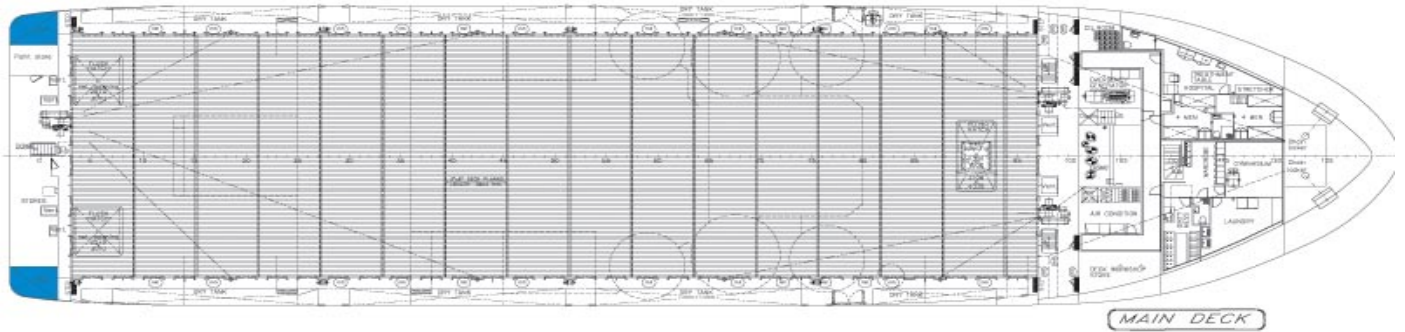
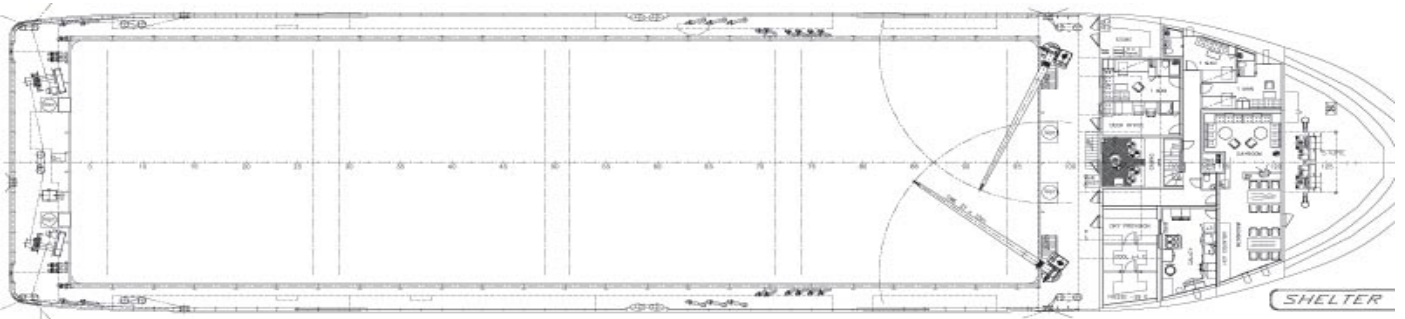
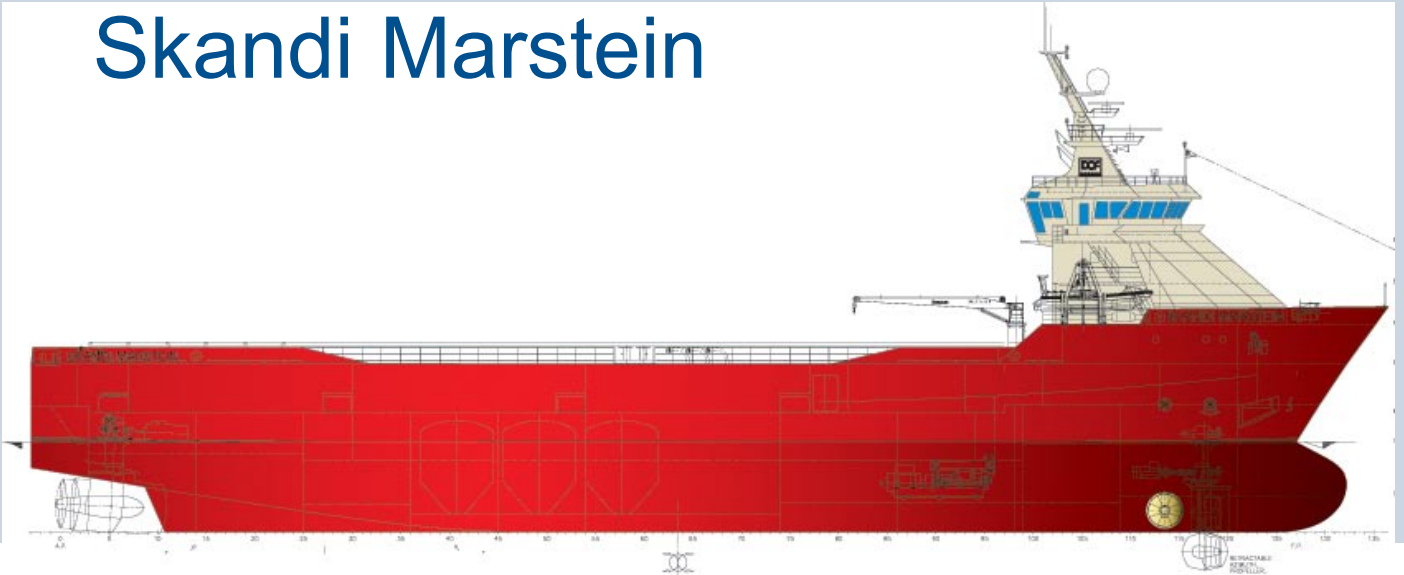


**Design:** MT6000  
**Built:** 1996  
**IMO No:** 9122978

# Skandi Marstein



# Skandi Marstein



# Tank capacities

			Cargo						
			Cement	Mud	Fuel Oil	Fresh water	Base Oil	Brine	Drill Water
Tank ID	Contents	Capacity (m <sup>3</sup> )	2,400	2,800	0,850	1,000	0,830	2,500	1,025
Forepeak Tk 1	DW/WB	166,3							170,4
DB/wing Tk 2 Port	DW/WB	101,7							104,2
DB/wing Tk 2 Stbd	DW/WB	101,7							104,2
DB/wing Tk 3 Port	FW	129				129			
DB Tk 3 Center	FW	244,2				244,2			
DB/wing Tk 3 Stbd	FW	136,7				136,7			
DB/wing Tk 4 Port	FO	82,1			69,7				
DB Tk 4 Center	FO	159,3			135,4				
DB/wing Tk 4 Stbd	FO	115,7			98,3				
DB/wing Tk 5 Port	FO	129,3			109,9				
DB/wing Tk 5 Stbd	FO	123			104,5				
Wing Tk 6 Port	FO	183,6			156				
DB Tk 6 Center	FO	103,7			88,1				
Wing Tk 6 Stbd	FO	188,9			160,5				
DB Tk 7	DW/WB	108,2							110,9
Wing Tk 8 Port	FW	212,2				212,2			
Wing Tk 8 Stbd	FW	190,2				190,2			
Wing Tk 9 Port	DW/WB	141,6							145,1
DB Tk 9 Center	BO	211,4					175,4		
Wing Tk 9 Stbd	DW/WB	133,1							136,4
Tk 10 Port	MUD	96,3		269,6					
Tk 10 Stbd	MUD	96,3		269,6					
Tk 11 Port	MUD	134,4		376,3					
Tk 11 Stbd	MUD	134,4		376,3					
Tk 12 Port	MUD	96,3		269,6					
Tk 12 Stbd	MUD	96,3		269,6					
DB/wing Tk 13 Port	BRI	162,7						406,7	
DB/wing Tk 13 Stbd	BRI	162,7						406,7	
DB/wing Tk 14 Port	BRI	211,9						529,7	
DB/wing Tk 14 Stbd	BRI	208,3						520,7	
Roll Reduction Tk 15	DW/WB	207,2							212,3
Roll Reduction Tk 16	DW/WB	172,6							176,9
DB/wing Tk 17 Port	DW/WB	122,3							125,3
DB/wing Tk 17 Stbd	DW/WB	122,3							125,3
DB/wing Tk 18 Port	FW	109,5				109,5			
DB/wing Tk 18 Stbd	FW	113,1				113,1			
Roll Reduction Tk 27	DW/WB	61,2							62,7
CEMENT	CEM	66,1	158,6						
CEMENT	CEM	66,1	158,6						
CEMENT	CEM	66,1	158,6						
CEMENT	CEM	66,1	158,6						
CEMENT	CEM	66,1	158,6						
CEMENT	CEM	66,1	158,6						
<b>TOTAL WEIGHTS (mt)</b>			<b>952</b>	<b>1831</b>	<b>922</b>	<b>1135</b>	<b>175</b>	<b>1864</b>	<b>1474</b>
<b>TOTAL CAPACITY (m<sup>3</sup>)</b>			<b>397</b>	<b>654</b>	<b>1085</b>	<b>1135</b>	<b>211</b>	<b>746</b>	<b>1438</b>
<b>TOTAL CAPACITY (Cu.ft.)</b>			<b>14002</b>	<b>23093</b>	<b>38323</b>	<b>40079</b>	<b>7463</b>	<b>26328</b>	<b>50774</b>

## Ship service tanks

Contents	Capacity (m <sup>3</sup> )
Bilgewater	10,4
Fuel oil service tanks	48,6
Luboil	24,0
Sewage	10,1
Slop	11,6
Sludge	10,4

All figures are based on a 100% tank volume

# Technical data

Skandi Marstein

## GENERAL

Design	MT 6000
Built by / Year	Brattvaag Yard / 1996
Flag	Isle of Man (IOM)
Port of Registry	Douglas
Classification	+1A1 SF E0 DYNPOS-AUT DK(+) HL(2.5)

## MAIN PARTICULARS

LOA	83,70 m
LBP	76,20 m
Breadth Moulded	19,70 m
Depth Main Deck	7,45 m
Draught	6,00 m
DWT	4170 t
GRT	3171 t
Net Tonnage	1551 t

## DECK CAPACITIES

Deck Area	56,4 m x 16 m (902 m <sup>2</sup> )
Deck Strength	5 t/m <sup>2</sup>
Deck Cargo	3000 t cog - 1,634 o.d
Cargo Rail	2.97 m + rail 1,38m

## DISCHARGE CAPACITIES

Fuel Oil	2 x Allweiler	160 m <sup>3</sup> /h	lh: 95 m
Base Oil	1 x Allweiler	162 m <sup>3</sup> /h	lh: 105 m
Fresh Water	2 x Allweiler	150 m <sup>3</sup> /h	lh: 90 m
Drill Water	2 x Allweiler	150 m <sup>3</sup> /h	lh: 90 m
Liquid Mud	2 x Allweiler	70-80 m <sup>3</sup> /h	lh: 96 m
Brine	2 x Allweiler	100 m <sup>3</sup> /h	lh: 93 m
Dry Bulk	2 x Tamrod	compr. cap 30 m <sup>3</sup>	
Mud Tank Washing Machine	Scanjet	Tank cleaning SC-100-4, for 6 mud tanks	

## DECK MACHINERY

Tugger winches	Aquamaster Rauma Tugger Winch MW 100 E: 3 x 10 t
Mooring winches	Aquamaster Rauma Mooring Winch MW 80 E: 3 x 10 t
Provision crane	Hydralift MCM 1085 SWL 3 t x 10 m arm
Lashing winches	Hydralift Cargo Securing Winch T5F 23 5A: 8 x SWL 5 t
Windlass	Aquamaster Rauma type AW 44K3E
Capstans	N/A
Anchors	2 x 3060 kg
Anchor chains	495 m / 44 mm / K 3 - Stbd 302m, Port 193m
Mooring lines	4 x 110 m / 230 kn
Mooring wires	2 x 100 m

## MACHINERY & PROPULSION

Main Engines	Wärtsila 9L20. 4 x 1470 kW v. 900 RPM (BHP 8000)
Emergency/Harbour Generator	MTU type 8v 183 TE32. 430 kVA, 1800 RPM
Main Propellers	Aquamaster Rauma CRP 25 - 2 x 2200 kW /1200 RPM (Diesel Electric)
Main Propellers Diameter	Forward – 3,20 m Aft – 2,95 m (Duoprop)
Bow Thrusters	Tunnel: Kameva Type 2000 H/BMS - FP 736 kW/1200 RPM Input shaft 308 RPM Azimuth: Aquamaster Type UL 1201/4940/ 883 kW/1200RPM

# Technical data

Skandi Marstein

## NAVIGATION AND COMMUNICATION EQUIPMENT

Radars	2 x Atlas Arpa 9600 3 x 10 cm (x - s band)
Navigator	Seatex GPS /12 Kanals DGPS
Weather	1 x LO-KATKA NAVTEX 2, 1 x Furuno Dfax (Fax 207)
Echo Sounder	Skipper GDS 101
Gyrocompass	2 x Sperry MK 37 E
Autopilot	Built into Simrad ATC./ ADP
Windspeed	2 x Lambrecht – 1453 S 2 F 1000
Speed Log	Sagem LH 92
Radio	HF-SSB Radio System Skanti TRP 8401 D - MF/HF DSC Controller-Receiver DSC 9000 + Radio Telex
VHF	2 x Sailor RT2047D; 2 x Sailor DSC RM2042; 1 x Sailor RT2048
Sat Comm	3x Motorola MX 1000, 1 x Sailor RT 2048, 6x Motorola GP 340, 3x GMDSS - VHF Sait-RadioHolland Marine, SRH 250 1x Inmarsat C, Thrane & Thrane / TT 3020 B - PCU 9000
EPIRB	1x Inmarsat Fleet 77, Thrane & Thrane Capsat Fleet 77 / TT 3622 B
SART	Jotron Electronics, TRON 40 S - 406 MHz Cospas/Sarsat
UHF	Jotron Electronics, TRON SART - 9 GHz Radar Transponder
Direction Finder	1x Motorola MC 2100; 5x Motorola GP 900
AIS	Taiyo TD - L1100 MF Radio Direction Finder; Taiyo TD - L 1520 Automatic VHF Direction Finder Furuno Universal AIS FA – 100

## PERFORMANCE / CONSUMPTION

Full speed	xx knots - xx m <sup>3</sup> /day
Service speed	xx knots - xx m <sup>3</sup> /day
Economical Speed	xx knots - xx m <sup>3</sup> /day
Stand-by	xx knots - xx m <sup>3</sup> /day
DP Operation by rig	xx m <sup>3</sup> /day
In port	xx m <sup>3</sup> /day

## ACCOMMODATION

Total Capacity	21 persons
Officer Cabins	6 x 1 bed
Crew Cabins	6 x 1 bed
Passenger Cabins	1 x 1 bed 2 x 4 beds
Hospital	Fully Furnished Hospital for 1 Person
Lounges	Fully equipped lounge with digital television
Gymnasium	One fully equipped gymnasium located onboard
Office	
Conference room	

## CONTINGENCY EQUIPMENT

Fast Rescue Craft	Maritime Partner, MP - 741 SPRINGER, 10 pers
Inflatable Lifteraft	4x DSB LR 86 Jettison Capacity 25 pers. Each
Survival Suits	21x FCO OBAN MK 90
Life Jackets	25x Seamaster 1983
Escape Mask	6x Unitor Uniscape 15 H
Heart Starter	Laerdal, Semi-Automatic Defibrillator FR 2