

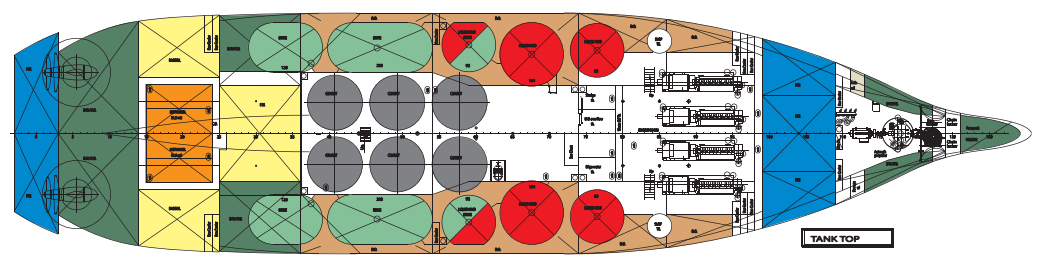
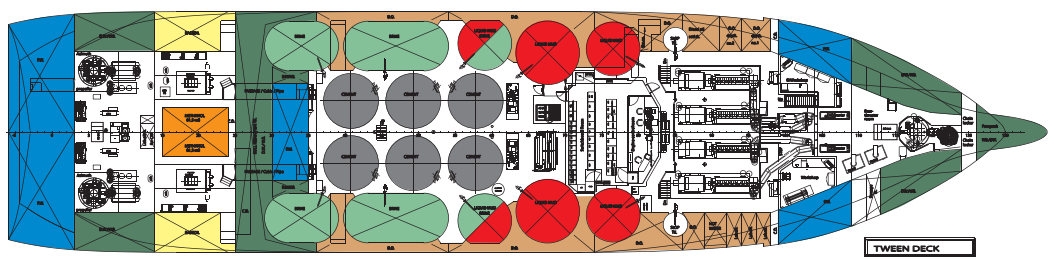
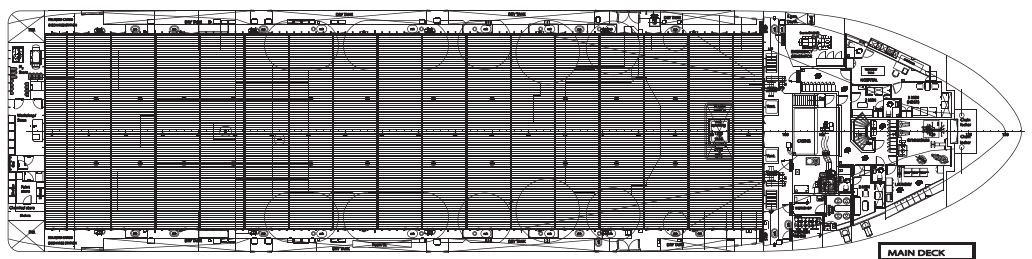
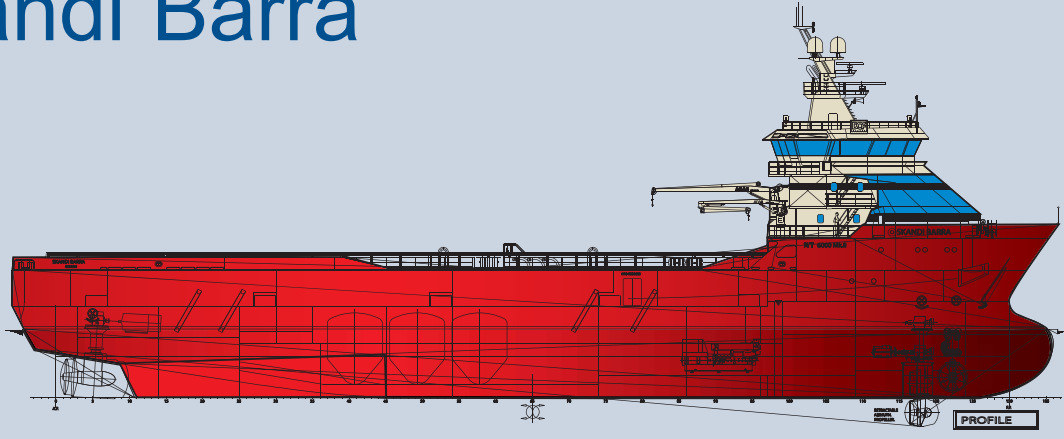


Design: MT 6000 MKII
Build: 2005
IMO No: 9330680

Skandi Barra



Skandi Barra



Tank capacities

			Cargo							
Tank ID	Contents	Capacity (m ³)	Cement	Mud	Fuel Oil	Fresh water	Base Oil	Brine	Drill Water	Metanol
Forepeak	DW/WB	149,5	2,400	2,500	0,900	1,000	0,830	2,500	1,000	0,791
DB/wing	TK 2 Port	DW/WB							149,5	
DB/wing	TK 2 Stbd	DW/WB							131,1	
DB/wing	TK 3 Port	FW				126,5			121,5	
DB	TK 3 Ctr	FW				185,3				
DB/wing	TK 3 Stbd	FW				126,5				
DB/wing	TK 4 Port	FO			66,9					
DB/Center	TK 4 Ctr	FO			135,8					
DB/wing	TK 4 Stbd	FO			50,1					
DB/wing	TK 5 Port	FO			100,1					
DB/wing	TK 5 Stbd	FO			106,4					
DB/wing	TK 6 Port	FO			166					
DB/Center	TK 6 Ctr	FO			90,6					
DB/wing	TK 6 Stbd	FO			166					
DB/wing	TK 7 Port	FO			112,2					
DB/Center	TK 7 Ctr	DW/WB							108,5	
DB/wing	TK 7 Stbd	FO			112,2					
DB/wing	TK 8 Port	DW/WB							88,2	
DB/Center	TK 8 C Port	FW				249,1			88,2	
DB/Center	TK 9 C Port	MET							63,9	
DB/Center	TK 9 C Stbd	MET							63,9	
DB/wing	TK 9 Port	BO					84,4			
DB/wing	TK 9 Stbd	BO					84,4			
CENTER	TK 10 Port	MUD		238,2						
CENTER	TK 10 Stbd	MUD		244,7						
CENTER	TK 11 Port	MUD		341,5						
CENTER	TK 11 Stbd	MUD		341,5						
CENTER	TK 12 Port	MUD/BRI		235,2				235,2		
CENTER	TK 12 Stbd	MUD/BRI		235,2				235,2		
CENTER	TK 13 Port	BRI						507,5		
CENTER	TK 13 Stbd	BRI						507,5		
CENTER	TK 14 Port	BRI						300,7		
CENTER	TK 14 Stbd	BRI						300,7		
CENTER	TK 16 Roll Red.	DW/WB							163,6	
DB/wing	TK 17 Port	DW/WB							121,9	
DB/wing	TK 17 Stbd	DW/WB							122,2	
DB/CENTER	TK 18 Port	FW				118,9				
DB/CENTER	TK 18 Stbd	FW				125,7				
CEMENT	TK 1 Port	CEM	158,6							
CEMENT	TK 2 Stbd	CEM	158,6							
CEMENT	TK 3 Port	CEM	158,6							
CEMENT	TK 4 Stbd	CEM	158,6							
CEMENT	TK 5 Port	CEM	158,6							
CEMENT	TK 6 Stbd	CEM	158,6							
CENTER	TK 27 Ctr Roll Red.	DW/WB							95,3	
Total Weight (Tonnes)			634	1636	1106	932	169	2087	1095	128
Total Capacity (m ³)			397	655	1230	932	203	835	1190	162
Total Capacity (Cuft)			14006	23117	43426	32913	7183	29481	42024	5707

Ship service tanks

Content	Capacity (m ³)
Bilgewater	134,8
CD/WB	134,8
Dirty oil	8,4
Foam concentrated	2,3
Fuel oil service tanks	71,1
Hot water	10,0
Luboil	32,8
Sewage	13,8
Slop	35,6
Sludge	10,3

All figures are based on a 100% tank volume
Densities are estimated values and actual cargo densities may alter the above carrying capacities

Technical data

Skandi Barra

GENERAL

Design	MT 6000 MKII
Built by / Year	Søviknes Verft AS / 2005
Flag	Norway
Port of Registry	Bergen
Classification	+1A1, SF, LFL*, COMF-V(3), E0, DYNPOS-AUTR, CLEAN, DK(+), HL(2.5,2.8), NAUT-OSV (LOC)

MAIN PARTICULARS

LOA	85.65 m
LBP	78.00 m
Breadth Moulded	19.70 m
Depth Main Deck	7.45 m
Draught	6.10 m
DWT	4150 t
GRT	3350 GT
Net Tonnage	1287 NT

DECK CAPACITIES

Deck Area	941 m ² (58.16 m x 16 m)
Deck strength	5 t/m ²
Deck Cargo (max in tonnes)	3164 t , VCG 1,67
Cargo Rail	2,97m + rail 1,38m

DISCHARGE CAPACITIES

Fuel	2 x 0 - 250 m ³ /h
Potable Water	2 x 0 - 150 m ³ /h
Drill Water	2 x 0 - 250 m ³ /h
Liquid Mud	2 x 0 - 85 m ³ /h 1x 0-125 m ³ /h
Brine	2 x 0 - 100 m ³ /h
Methanol	2 x 0 - 75 m ³ /h
Base Oil	2 x 75 m ³ /h
Dry Bulk	2 x 100 tonnes/h

DECK MACHINERY

Tugger Winches	2 x 10 t
Capstans	2 x 10 t
Deck Cranes 1 x ABAS 1 x ABAS	KDE10-EH-6,5/4,0-10M-1T KDE20-EH-10-10M-3T
Windlass/ Mooring	Rauma MW100E/AW44K3 10 tonn nominal
Anchors	2x 3060kg
Chain Cables	495m length, 44mm dia. Steel grade K3

MACHINERY & PROPULSION

Main Engines	4 x Wartsila 9L20, 1530 kW each (6120 kW total)
Main Generators	Siemens 1480 kW 690 V
Emergency Generator	1 x ScaniaDI 16 44 M 375 KW 430 kVA
Main Propellers	Ulstein aquamaster Contaz 15 2x2200 kW/1200rpm Azimuth Ulstein Aquamaster UL 1201 Fp 883 kW Tunnel Kamewa Ulstein TT2200DPN FP 880 kW

Technical data

Skandi Barra

NAVIGATION AND COMMUNICATION EQUIPMENT

DP System/Independent Joystick:	SDP22, C-Joy Joystick
Kongsberg Simrad:	
X-Band Arpa Radar (3cm):	FAR 2117
S-Band Arpa Radar(10cm):	FAR- 2137S
Fanbeam:	MDL Fanbeam
Windsensor:	2 x OMC 139D
MRU:	2 x Seatex - MRU - M - MB 1
Chartplotter:	2 x TECDIS
AIS/DGPS System:	GPS Navigator GP-90 UAIS Transponders FA-100
GPS:	Seatex DPS 200, Kongsberg
GPS:	Seatex DPS 116, Kongsberg
Autopilot:	Raytheon Pilotstar D
Gyro Compass:	3 x Anschütz STD 22 Gyro Compass Type 110 - 233
Gyro Data Repeater/Forward:	Anschütz
Gyro Data Repeater/Aft:	Anschütz
Gyro Bearing Repeater/Wings:	2 x Anschütz Type 133 - 407
Gyro Digital Repeater:	2 x Anschütz Type 133 - 811
Magnetic Compass System:	Cassens & Plath, NAVIGAT X MK 1
Echo Sounder:	Furuno FE-700
Speed Log:	Doppler DS-80
Speed Log/Trip Log:	Furuno RD-30
Direction Finder:	TD-L1550A
Typhoon:	Kockum Sonics
Sound reception System:	Vingtor VVS-111
Lanterns:	TEF4800, Tanberg
Search Light:	Norselight
Inmarsat - C	FELCOM 15 Oki, Microline 280 Printer SSAS
Inmarsat - B:	Furuno SF-870
Inmarsat - F:	Furuno Felcom 70 Fax-L380
Mini - M:	Nera WorldPhone
MF/HF DSC:	Furuno FS-5000 (SSB Radiotelephone)
Navtex:	NX-500 , Furuno
Free Float Beacon/EPIRB:	Tron 40 S , Jotron Electronics
COSPAS/SARSAT/EPIRB:	Tron 45S/SX , Jotron Elec
Radar Transponder:	2 x Tron SART , Jotron Elec.
Portable GMDSS VHF:	3 x Jotron, Tron TR20 3 x Emergency Lithium battery
VHF/DSC:	2 x Furuno FM-8700 1 x Furuno FM-8500
VHF:	3 x Furuno FM-2721
DSC/Watch:	DSC-60

Technical data

Skandi Barra

PERFORMANCE

Full speed:	16 knots - ca 30m ³ /day
Service speed:	12 knots - ca. 15 m ³ /day
Economical Speed:	12 knots - ca 15m ³ /day
Stand-by:	2 m ³ /day
DP Operation by rig:	4m ³ /day
In port:	1,5 m ³ /day

ACCOMMODATION

Total Capacity	24 persons
Officers	6 x 1 man cabins
Crew	6 x 1 man cabins
Passangers	6 x 2 men cabins
Lounges	Two fully equipped lounges (one for smokers) with digital television
Gymnasium	One fully equipped gymnasium
Hospital	Fully furnished hospital for 3 persons
Office	1 office
Conference room / office	1 conf/office

CONTINGENCY EQUIPMENT

MOB - boat:	Viking - 50HP Yamaha
Liferafts:	4 x 25 persons.