

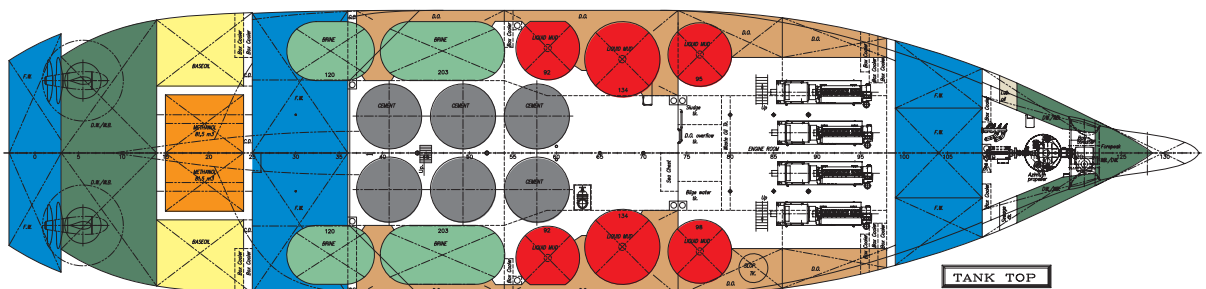
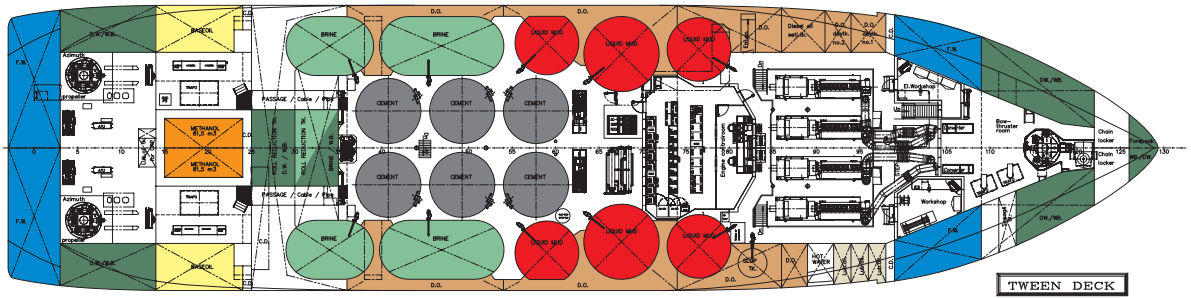
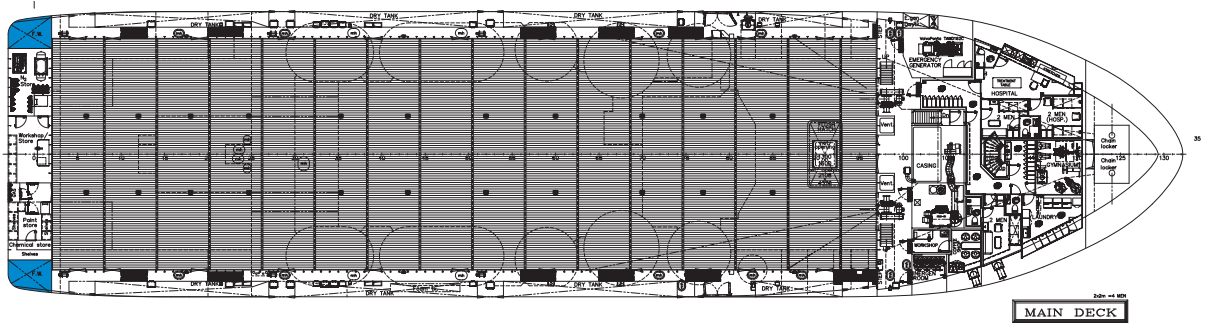


Design: MT 6000
Build: 2003
IMO No: 9281657

Skandi Caledonia



Skandi Caledonia



Tank capacities

				Cargo							
				Cement	Mud	Fuel Oil	Fresh water	Base Oil	Brine	Drill Water	Metanol
Tank ID		Contents	Capacity (m³)	2,100	2,800	0,850	1,000	0,830	2,500	1,000	1,000
Forepeak	Tk 1	DW/WB	150,0							150,0	
DB/Wing	Tk 2 Port	DW/WB	103,9							103,9	
DB/Wing	Tk 2 Stbd	DW/WB	94,2							94,2	
DB/Wing	Tk 3 Port	FW	125,2				125,2				
DB	Tk 3 Ctr	FW	185,0				185,0				
DB/Wing	Tk 3 Stbd	FW	125,2				125,2				
DB/Wing	Tk 4 Port	FO	75,6			64,3					
DB	Tk 4 Ctr	FO	150,9			128,3					
DB/Wing	Tk 4 Stbd	FO	88,2			75,0					
DB/Wing	Tk 5 Port	FO	128,7			109,4					
DB/Wing	Tk 5 Stbd	FO	116,0			98,6					
DB/Wing	Tk Port	FO	184,6			156,9					
DB	Tk 6 Ctr	FO	100,5			85,4					
DB/Wing	Tk 6 Stbd	FO	184,6			156,9					
DB/Wing	Tk 7 Port	FO	120,8			102,7					
DB	Tk 7 Ctr	DW/WB	108,5							108,5	
DB/Wing	Tk 7 Stbd	FO	120,8			102,7					
DB/Wing	Tk 8 Port	FW	177,4				177,4				
DB/Wing	Tk 8 Stbd	FW	174,0				174,0				
DB/Wing	Tk 9 Port	BO	97,4					80,8			
DB	Tk 9 Ctr/Stbd	Methanol	81,5								81,5
DB	Tk 9 Ctr/Port	Methanol	81,5								81,5
DB/Wing	Tk 9 Stbd	Baseoil	97,4					80,8			
Center	TK 10 Port	Mud	95,0		266,0						
Center	TK 10 Stbd	Mud	97,5		273,0						
Center	TK 11 Port	Mud	136,5		382,2						
Center	TK 11 Stbd	Mud	136,5		382,2						
Center	TK 12 Port	Mud	94,0		263,2						
Center	TK 12 Stbd	Mud	94,0		263,2						
Center	TK 13 Port	Brine	203,0						507,5		
Center	TK 13 Stbd	Brine	203,0						507,5		
Center	TK 14 Port	Brine	120,0						300,0		
Center	TK 14 Stbd	Brine	120,0						300,0		
Center	Stab TK 15	DW/Brine/WB	73,8						184,5	73,8	
Center	Stab TK 16	DW/WB	163,6							163,6	
Wing	TK 17 Port	DW/WB	107,2							107,2	
Wing	TK 17 Stbd	DW/WB	107,5							107,5	
Wing	TK 18 Port	FW	96,4				96,4				
Wing	TK 18 Stbd	FW	99,8				99,8				
Center	Stab TK 27	WB/DW	100,1							100,1	
Center	Tk 1 Port	CEM	66,1	138,8							
Center	Tk 2 Stbd	CEM	66,1	138,8							
Center	Tk 3 Port	CEM	66,1	138,8							
Center	Tk 4 Stbd	CEM	66,1	138,8							
Center	Tk 5 Port	CEM	66,1	138,8							
Center	Tk 6 Stbd	CEM	66,1	138,8							
		Total Weight (Tonnes)		833	1830	1080	983	162	1800	1009	163
		Total Capacity (m³)		397	654	1271	983	195	720	1009	163
		Total Capacity (Cuft)		14006	23078	44874	34714	6879	25419	35625	5756

Ship service tanks

Contents	Capacity (m³)
Bilgewater	10,3
CD/WB	117,9
Dirty oil	8,4
Fuel oil service tanks	72,6
Hot water	9,9
Luboil	33,3
Sewage	12,8
Slop	17,8
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 Caledonia

GENERAL

Design	MT 6000
Built by / Year	Fitjar Mek. Verksted / 2003
Flag	Norwegian (NOR)
Port of Registry	Bergen
Classification	+ 1A1, SF, LFL*, COMF-V(3), E0, DYNPOS AUTR, CLEAN, DK(+), HL(2.0, 2.8)

MAIN PARTICULARS

LOA	83.85 m
LPP	76.80 m
Breadth Moulded	19.70 m
Draught full load	6.10 m
DWT	4200 t
GRT	3285 GT
Net Tonnage	1251 NT

DECK CAPACITIES

Deck Area	57 m x 16 m (912 m ²)
Deck strength	5 t/m ²
Deck Cargo	3400 t cog - 1.0 o.d
Cargo rail	3.04 m + rail 1.4m

DISCHARGE CAPACITIES

Fuel Oil	2 x Allweiler	0-250 m ³ /h	lh: 105 m
Base oil	2 x Allweiler	75 m ³ /h	lh: 105 m
Fresh water	2 x Allweiler	0-150 m ³ /h	lh: 90 m
Drill water	2 x Allweiler	0-250 m ³ /h	lh: 90 m
OBM	2 x Allweiler	0-85 m ³ /h	lh: 105 m
	1 x Allweiler	0-125 m ³ /h	lh: 105 m
Brine	2 x Allweiler	100 m ³ /h	lh: 90 m
Methanol	2 x Allweiler	75 m ³ /h	lh: 105 m
Dry Bulk	2 x Atlas Copco	compr. cap 30 m ³ at 5.6 bar	

DECK MACHINERY

Tugger winches	Aquamaster Rauma MW 100 E:	2 x 10 t
Mooring winches	Aquamaster Rauma MW 80 E:	2 x 10 t
Provision crane	TTS Marine MCV1070	2 x SWL 3 t x 10 m
Windlass	Aquamaster Rauma type MW100E	AW 46K3
Anchors		2 x 3060 kg
Anchor chains		495 m / 44 mm / K 3
Mooring lines		4 x 180 m / 230 kn
Mooring wires		2 x 100 m

MACHINERY & PROPULSION

Main Diesel Generators	4 x Wärtsila 9L20LF, 1530kW, 900rpm.
Alternator	4 x Siemens type 1FJ3 633-85B92, 1460 e-kW, 900rpm. total 8000 Hp
Main Azimuth Propellers	2 x Rolls Royce AQM CONTAZ 15/4750, Total 6000 Hp.
Main Propulsion motors	2 x VSDrive Siemens 1RN4560-6HM90-Z, 2200kW, 0 - 1192rpm
Bow Thrusters, 883kW	1 x Tunnel: Brunvoll UF80TC 2250 – Siemens VSDrive 0-1050rpm, 883kW. 1 x Retractable Azimuth: Rolls Royce AQM UL1201/4940 –Siemens VSDrive 0 - 1786rpm
Emergency/ Harbour engine	1 x Volvo Penta TAMD162C, 1800rpm, 390kW.

Technical data

Skandi Caledonia

NAVIGATION AND COMMUNICATION EQUIPMENT

Radars	1 x Furuno FR-2135 S BB, 1 x Furuno FR-2115 BB w/ Interswitch RJ-7
Gyrocompass	3 x SG Brown Meridian
Magnetic Compass	1 x 8" BN-35 PL
Autopilot	1 x Robertson AP 9 MK III
E C D I S	1 x Simrad SPS 2000, 1 x ECDIS software
Echo Sounder	1 x Furuno FE 720
Speed Log	1 x Furuno DS-80
Navigation DGPS	1 x Leica MK 12 DGPS
DP system	1 x Kongsberg Simrad DPC-21
Independent Joy-stick	1 x Kongsberg Simrad DPC-21
Radio Plant GMDSS	1 x Furuno A3 – 250W: 1 x MF/HF FS 2570, 2 x VHF/DSC FM8500, 2 x Inmarsat C Felcom 15
Inmarsat F	1 x tba
Radio tlx:	1 x Brother 1020
Portable VHF/ GMDSS	3 x TRON TR-20
Portable UHF	6 x GP 900 Ex
Emergency Beacon	2 x TRON SART
Automatic Identification System	1 x Furuno AIS/ FA-100

PERFORMANCE

Full speed	16 knots x 22m ³ /day
Service speed	12 Knots x 12m ³ /day
Economical Speed	10 knots x 9m ³ /day
Stand-by	4m ³ /day
Port	1m ³ /day

ACCOMMODATION

Total Capacity	24 persons
Officers	6 x 1 man cabins
Crew	6 x 1 man cabins
Passengers	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 2 persons
Office	
Conference room / office	

CONTINGENCY EQUIPMENT

Lifeboats	1 x MP 741 springer. MOB - 15 persons
Life rafts	4 x 25 persons