



Design: VS 480
Build: 2002
IMO No: 9226437

Skandi Giant



Tank capacities

Tank ID	Contents	Capacity (m ³)	Cargo							
			Cement	Mud	Fuel Oil	Fresh water	Base Oil	Brine	Drill Water	Metanol
			2,500	0,900	1,000	0,830	2,500	0,8	1,000	1,000
FForepeak	WB/DW	150							150	
Rig Chain	WB/DW	199,7							199,7	
Rig Chain	WB/DW	199,7							199,7	
Rig Chain	WB/DW	176,2							176,2	
Rig Chain	WB/DW	176,2							176,2	
DB/center	WB/DW	43,5							43,5	
Cofferdam	WB/DW	262,8							262,8	
Roll Reduction Tk	WB/DW	302,8							302,8	
Roll Reduction Tk	WB/DW	176,5							176,5	
Stern tk/ Center	WB/DW	82,6							82,6	
Wing TK 2 Port	FW	182,5				151,4				
Wing TK 2 Stbd	FW	182,5				151,4				
DB	FO	111,1			111,1					
DB	FO	127,2			127,2					
DB/center	FO	32,2			32,2					
Wing TK 3 Port	FO	47,2			47,2					
Wing TK 3 Stbd	FO	47,2			47,2					
Wing TK 4 Port	FO	26			26					
Wing Port	FO	46,9			46,9					
Wing Stbd	FO	46,9			46,9					
DB/wing Port	FO	200,9			200,9					
DB/wing Stbd	FO	197,7			197,7					
DB/wing Port	FO	144,7			144,7					
DB/wing Stbd	FO	144,7			144,7					
DB/wing Port	FO	159			159					
DB/wing Stbd	FO	159			159					
DB Center	FO	136,2			136,2					
Cylinder tk Port	MUD/BRI	131		117,9				104,8		
Cylinder tk Stbd	MUD/BRI	131		117,9				104,8		
Cylinder tk Port	MUD/BRI	136,4		122,7				109,1		
Cylinder tk Stbd	MUD/BRI	136,4		122,7				109,1		
Rig Chain Port	BRI/WB	199,7						159,7		
Rig Chain Stbd	BRI/WB	199,7						159,7		
Rig Chain Port	BRI/WB	176,2						140,9		
Rig Chain Stbd	BRI/WB	176,2						140,9		
Drybulk Ctr	CEM	81,6	204							
Drybulk Ctr	CEM	81,6	204							
Drybulk Ctr	CEM	81,6	204							
Drybulk Ctr	CEM	81,6	204							
Wing Port	BO	63					157,5			
Wing Stbd	BO	63					157,5			
Wing Port	BO	44,2					110,5			
Wing Stbd	BO	44,2					110,5			
CENTER Port	MET	125,7								125,7
CENTER Stbd	MET	125,7								125,7
Deep tk Port	FW	142,7				118,4				
Deep tk Stbd	FW	134,2				111,3				
Stern tk Port	FW	106,7				88,5				
Stern tk Stbd	FW	106,7				88,5				
	TOTAL WEIGHTS (mt)		816	481	1627	710	536	1029	1770	251
	TOTAL CAPACITY (m³)		326	535	1627	855	214	1287	1770	251
	TOTAL CAPACITY (Cu.ft.)		11527	18886	57453	30205	7571	45436	62507	8878

Ship service tanks

Contents	Capacity (m ³)
Cooling water	20,9
Lube Oil	42,2
Wasteoil	20,9
Hydr. Oil	36,7
Sewage	26
Sludge	20,9

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 PMS I

GENERAL

Design	VS 480
Built by / Year	Dalian Shipyard / 2002
Flag	Cayman Islands
Port of Registry	George Town
Classification	+1A1, Tug , Supply vessel, FiFi I and II, SF, DYNPOS-AUTR ,E0, DK(+), HL(2.8)

MAIN PARTICULARS

LOA	81.00 m
LBP	69.00 m
Breadth Moulded	20.00 m
Draught summer	7.60 m
	3800 t
DWT	4820 t
	1446 t
GRT	
Net Tonnage	

DECK CAPACITIES

Deck Area	643 m ² (37.25 m x 17.25 m)
Deck Cargo	0
Deck Strength	10 t/m ² stern –fr 26, 5t/m ² - fr26-58, 3t/m ² - fr 58-89
Cargo Rail	3.00 m

DISCHARGE CAPACITIES

Fuel Oil	2x250 m ³ /h at 9 bar
Fresh Water	2x90 m ³ /h at 8 bar
Drill Water	2x 90 m ³ /h at 8 bar
Liquid mud	2x75 m ³ /h at 18 bar
Brine	1x75 m ³ /h at 18 bar
Base oil	1x75 m ³ /h at 18 bar
Dry bulk	50 m ³ /h (compressors) at 6 bar
	2x50 m ³ /h at 9 bar
Methanol	

Installed with remote controlled valves and pumps.
Remote control from wheelhouse and ECR. All mud tanks arranged with tank washing system.

DECK MACHINERY

Tugger Winches	2 x 15 t
Deck crane forward	Hydralift, MCVT 1610, 15t-9 m, 10t-14m, max.beam 19,5 m
Deck crane aft	Hydralift MCVT, 1t-19 m, for handling of AH equipment on deck
	2 x 15 t
Capstans aft	

Technical data

Skandi PMS I

MACHINERY & PROPULSION

Main Engines	2x Caterpillar 3616, 2x 6000 kW at 1020 rpm
Azimuth	1x 887 kW
Bow Thruster	1x 1425 kW
Stern Thruster	1x 884 kW
Aux Generators	1x Caterpillar 3512, 1424 kW + 1x Caterpillar 3508, 968 kW
Shaft Generators	2 x 2000 kW
Emergency Generator	1 x 215 kW
Propellers	2 x dia 4000mm
Rudders	2 x Ulstein High Lift
Bollard Pull	200 t, cont.

NAVIGATION AND COMMUNICATION EQUIPMENT

Radar Arpa	2x Raytheon Pathfinder MK2 3 og 10 cm
ARPA Display	Pathfinder MK2/Hatteland Display
Surface plotting	Raytheon Pathfinder MK 2 ECDIS
GPS	1x leica MX420 & 1 x Kodex KGP-920
DGPS	2x SeatexDPS 100/FugroSeastar
Autopilot	Anschutz pilotstar D
Gyro-Compass	2x Anschutz Standard 22 Compact & 1 x Standard 20
Night vision	Tranberg TEF4710 Control panel
Echo Sounder	STN Atlas Echograph 9205
Navtex	Atlas Debeg 2900
Weather Fax	Atlas Debeg 2952 Radio Faximile
Speedlog	JRC JLN 203 Dobbler log
MF/HF	Raytheon STR 2000 Standard radio
Inmarsat C	Raytheon STR 1500C
Inmarsat B	Debeg 3230
Vhf Fixed	STR 8400
	2x Sailor RT 2047/2048
DSC VHF controller	2x Raytheon STR8400 DSC
VHF portable	3x Tron GMDSS VHF
UHF portable	3x Motorola Radius GP 900
Sart	2x Nera Tron SART
EPIRB	1x Tron30Smk II

DP SYSTEM

Supplier: Kongsberg /Simrad,
According to DNV requirements for AUR, NMD regulations DP II
The following main operation modes are implemented
Stand by mode
Manual mode
Auto position mode
Auto track (low/high speed) mode

Technical data

Skandi PMS I

PERFORMANCE

Full speed	16,0 knots - 45 m ³ /day
Service speed	12.5 knots - 25 m ³ /day
Economical Speed	10.5 knots - 18 m ³ /day
Stand-by	13 m ³ /day
DP Operation by rig	20 m ³ /day
In port	2.5 m ³ /day

ACCOMMODATION

Total Capacity	47 persons
Officer Cabins	5 x 1 bed
Crew Cabins	6 x 2 beds
Passengers	9 x 2 beds 3 x 4 beds
Lounges	Two fully equipped lounges (one for smokers)
Gymnasium	One fully equipped gymnasium
Hospital	Fully furnished hospital for 1 person

CONTINGENCY EQUIPMENT

Equipped according to SOLAS and Authority regulations	4 x 25 pers
Life raft capacity	1xTron30Smk2
EPIRB Jotron s.no.	2 x NeraTron SART
Radar transponder	

TOWING AND ANCHOR HANDLING EQUIPMENT

AH Winch	1 x 500 t (4600+900 mm drum length)
- Ulstein Brattvåg	Br.L: 625 t, wire cap: 9852 m (ø83 mm)
Work/Tow Winch	1 x 500t (4600+900mm)
- Ulstein Brattvåg	Br.L: 625 t, wire cap: 6587 m (ø83 mm)
Secondary Winches	2 x 134 t (4.600m +900mm drum length)
- Ulstein Brattvåg	Br .L 170 t
Shark jaws	Karm Fork 750 t
Stern Rollers	2 rollers, 4000x4000 diam 4000
Rig Chain Lockers	2x199m ³ +2 x176 m ³
Chain Stoppers	2 x Karm 750 t
Towing Pins	4 x Karm 240 t
Spooling AH Winch	Yes, installed
Spooling W/T Winch	Yes, installed
Spooling sec. Winches	Yes, installed

RESCUE EQUIPMENT

Accommodation	49 persons
Fast Rescue Boats	UFA s Alusafe FRC 700 Engine 220 hp
Fi-Fi class I & II	2 x 4000 m ³