

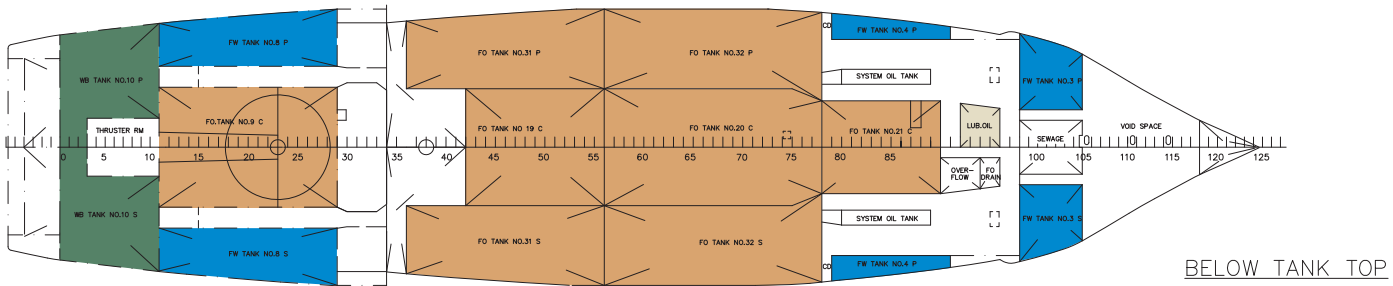
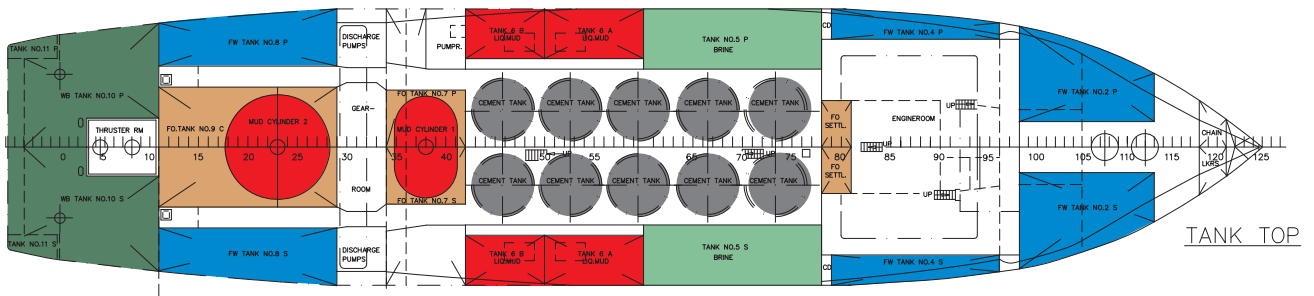
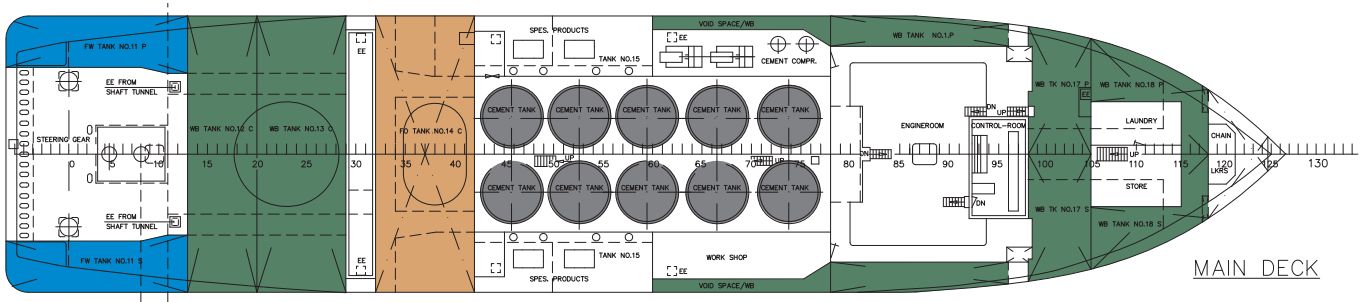
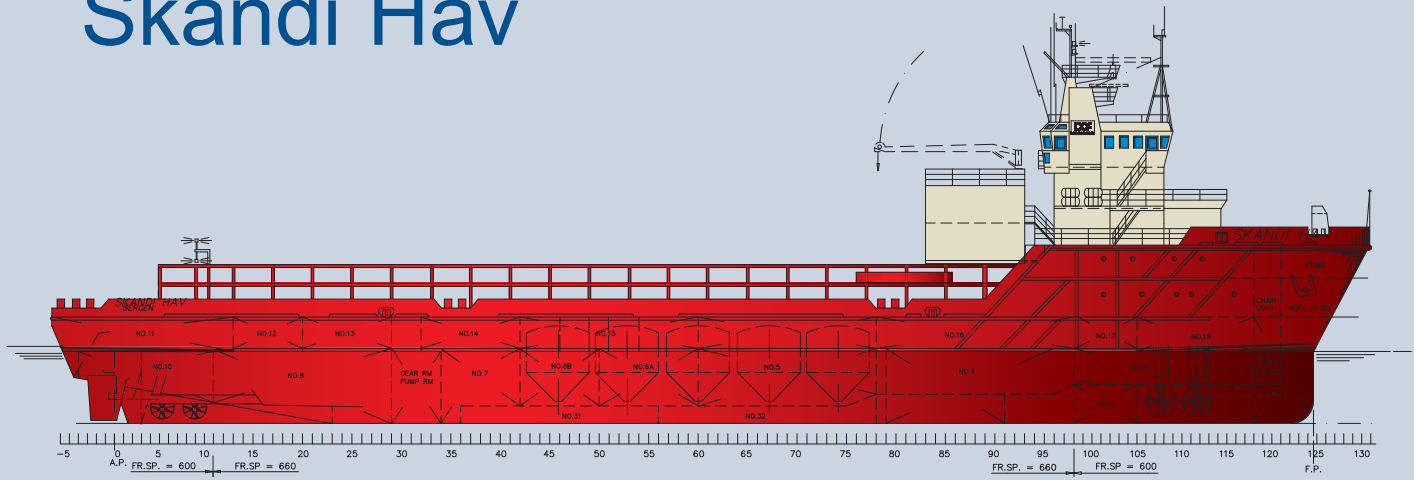


Design: TMV 4000
Built: 1983
IMO No: 8202824

Skandi Hav



Skandi Hav



Tank capacities

				Cargo				
				Cement	Mud	Fuel Oil	Fresh Water	Brine
Tank ID		Contents	Capacity (m ³)	2,400	2,500	0,830	1,000	2,500
Forepeak	Tk 1	FW	44,3				44,3	
Wing	TK 2 Port	FW	90,7				90,7	
Wing	TK 2 Stbd	FW	90,7				90,7	
DB	TK 3 Port	FW	27,1				27,1	
DB	TK 3 Stbd	FW	27,1				27,1	
DB/wing	TK 4 Port	FW	59,8				59,8	
DB/wing	TK 4 Stbd	FW	59,1				59,1	
Wing	TK 5 Port	BRI	170					425
Wing	TK 5 Stbd	BRI	170					425
Wing	TK 6 a Port	MUD	80,2		200,5			
Wing	TK 6 a Stbd	MUD	80,2		200,5			
Wing	TK 6 b Port	MUD	64,5		161,2			
Wing	TK 6 b Stbd	MUD	64,5		161,2			
CENTER	TK 7 Port	FO	112,3			93,2		
CENTER	TK 7 Stbd	FO	135,6			112,5		
DB/wing	TK 8 Port	FW	88,5				88,5	
DB/wing	TK 8 Stbd	FW	88,5				88,5	
CENTER	TK 9 Ctr	FO	235,4			195,3		
Wing	TK 11 Port	FW	81,8				81,8	
Wing	TK 11 Stbd	FW	81,8				81,8	
Wing	TK 15 Port	MIS	116,1					
Wing	TK 15 Stbd	MIS	116,1					
CENTER	TK 19 Ctr	FO	110			91,3		
CENTER	TK 20 Ctr	FO	134,7			111,8		
CENTER	TK 21 Ctr	FO	93,6			77,6		
DB	TK 31 Port	FO	107			88,8		
DB	TK 31 Stbd	FO	107			88,8		
DB	TK 32 port	FO	75,9			62,9		
DB	TK 32 Stbd	FO	75,9			62,9		
CEMENT	TK 1 Stbd	CEM	38,2	91,6				
CEMENT	TK 2 Stbd	CEM	38,2	91,6				
CEMENT	TK 3 Stbd	CEM	38,2	91,6				
CEMENT	TK 4 Stbd	CEM	38,2	91,6				
CEMENT	TK 5 Stbd	CEM	38,2	91,6				
CEMENT	TK 6 Port	CEM	38,2	91,6				
CEMENT	TK 7 Port	CEM	38,2	91,6				
CEMENT	TK 8 Port	CEM	38,2	91,6				
CEMENT	TK 9 Port	CEM	38,2	91,6				
CEMENT	TK 10 Port	CEM	38,2	91,6				
TOTAL WEIGHTS (mt)				366	723	985	739	850
TOTAL CAPACITY (m³)				382	289	1187	739	340
TOTAL CAPACITY (Cu.ft.)				13490	10220	41933	26112	12007

Ship service tanks

Contents	Capacity (m ³)
Lube Oil	29,4
Sludge	4,7
Sewage	34,4
FO service tk	31,4
Hydraulic oil	15,0

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 Hav

GENERAL

Design	TMV 4000
Built by / Year	Trondheims Mek. Verksted, 1983
Rebuilt	1993
Flag	Norway (NIS)
Port of Registry	Bergen
Classification	+1A1, Supply Vessel, SF, E0, DYNPOS-AUT

MAIN PARTICULARS

LOA	87.68 m
LBP	80.00 m
Breadth Moulded	18.45 m
Draught (full load)	5.25 m
DWT (at 5,25)	3550 t
GRT	2896 GT
NT	868 NT

CARGO CAPACITIES

Deck Area	65 x 15.5m (1007 m ²)
Deck Strength	5 - 7 t/m ²
Deck Cargo	2800 t - 1.75 m above deck
Cargo Rail	0.00 m

DISCHARGE CAPACITIES

Fuel Oil	2 x 160 m ³ /h - 100 mwc
Base Oil	2 x 63 m ³ /h - 90 mwc
Fresh Water	2 x 150 m ³ /h - 100 mwc
Drill water	2 x 150 m ³ /h - 100 mwc
OBM	2 x 75 m ³ /h - 64 mwc
Brine	2 x 63 m ³ /h - 90 mwc
Dry Bulk	60 t/h
Discharge lines	4" Weco couplings
Diesel/Fuel	4" Avery Hardoll

DECK MACHINERY

Tugger winch	2 x 12 t
Capstans	2 x 10 t
Provision crane	stb = 2,5 t on 9 m.
Windlass	2 x Norwinch
Anchors	2 x 2100 kg.
Anchor chains	2 x 250 m /36 mm

MACHINERY & PROPULSION

Main engines	2 x Wickmann 9AXAG, tot: 7200 BHP
AUX engines	2 x Cummins each 315 kVA
Shaft generators	1750 kVA
Main Propellers	2 x variable pitch CPG PR 4-99
Bow Thrusters	2 x 950 HP Brunvoll
Stern Thrusters	2 x 700 HP Brunvoll

Technical data

Skandi Hav

NAVIGATION AND COMMUNICATION EQUIPMENT

Radars	1 x Kelvin Huges 5000 2 ATA/3/S-U, (10cm) Year 2000 1 x Kelvin Huges Nucleus 2 5000 ATA Year 1997
Gyrocompass	Anschutz, Kiel + Sperry SR 220 + SG.Brown Meridian
Autopilot	Anschutz, Kiel + Simrad Albatross
Navtex	Lokata
Joystick	Poscon + Simrad DP JS
Echo Sounder	JRC NJA 1935
Speed Log	JRC JLN-203
Satnav GPS	Magnavox MX 200
DGPS Beacon receiver	PBR 1000 (connected up to Magnavox MX 200)
DP	ADP-701
DP ref. syst. 1	Seatex DPS 102 with GPS and spot-beam-Inmarsat A
DP ref. syst. 2	Fanbeam MK III
DGPS 102	
DP ref. 3	HPR 418 SBL
Radio telephones	Sailor Compact
Watchkeeping receiver	Sailor R501
VHF	1 x Sailor RT 143 3 x Sailor RT 2048 2 x RM 2048 DSC Reciv. 3 x Tron VHF 3 x Tron 21 (emerg, VHF)
Portable VHF	1 x Motorola MX 1000
Emergency Beacon	Sarsat Tron 30 SMK II
Selcall	Delcom
Inmarsat A	JRC - JUE - 45 A M II
Radar Transponder	2 x TRON
Inmarsat C	H 2095 B Sailor

PERFORMANCE

Full speed	13.5 knots - 19 m ³ /day
Service speed	12.0 knots - 16 m ³ /day
Economical Speed	14 m ³ /day
Stand-by	10 m ³ /day
DP Operation by rig	16 m ³ /day
In port	1.5 m ³ /day

ACCOMMODATION

Total Capacity	22 Persons
Officer Cabins	6 x 1 bed
Crew Cabins	7 x 1 bed
Passengers	9 x 1 bed
Lounges	One fully equipped lounge with digital television and DVD
Hospital	1 x 1 bed

CONTINGENCY EQUIPMENT

MOB Boat	1 x Seabear 23' Mob-boat
Life rafts	4 x 20 persons