
Design: STX AH 08
Built: 2011
IMO No: 9447653

Skandi Pacific



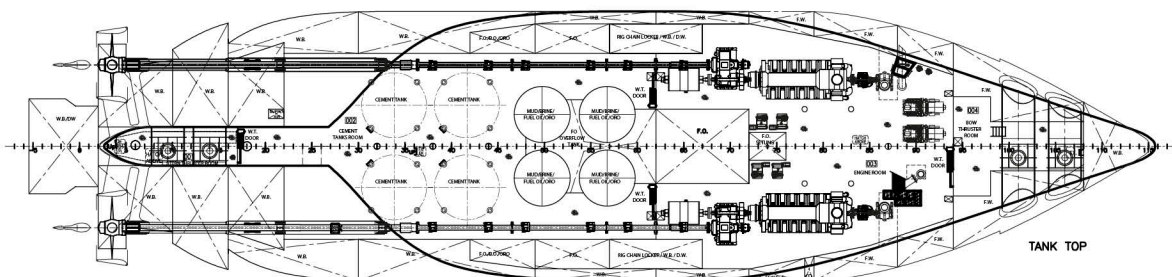
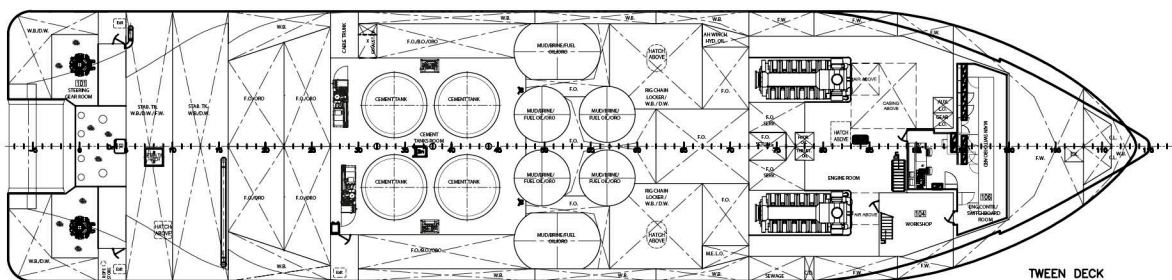
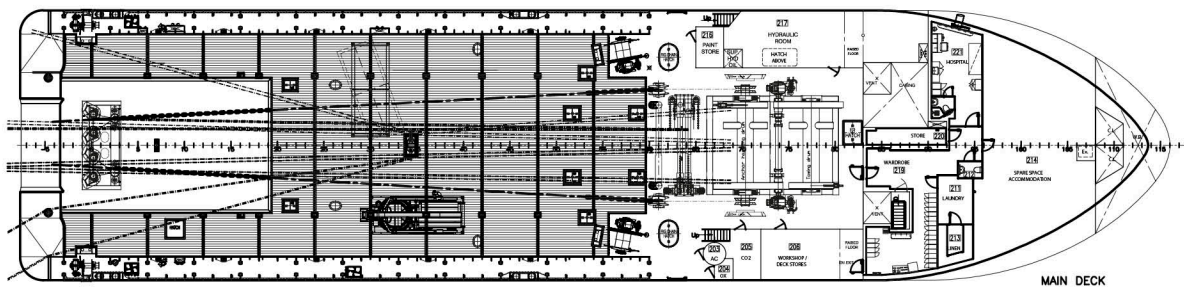
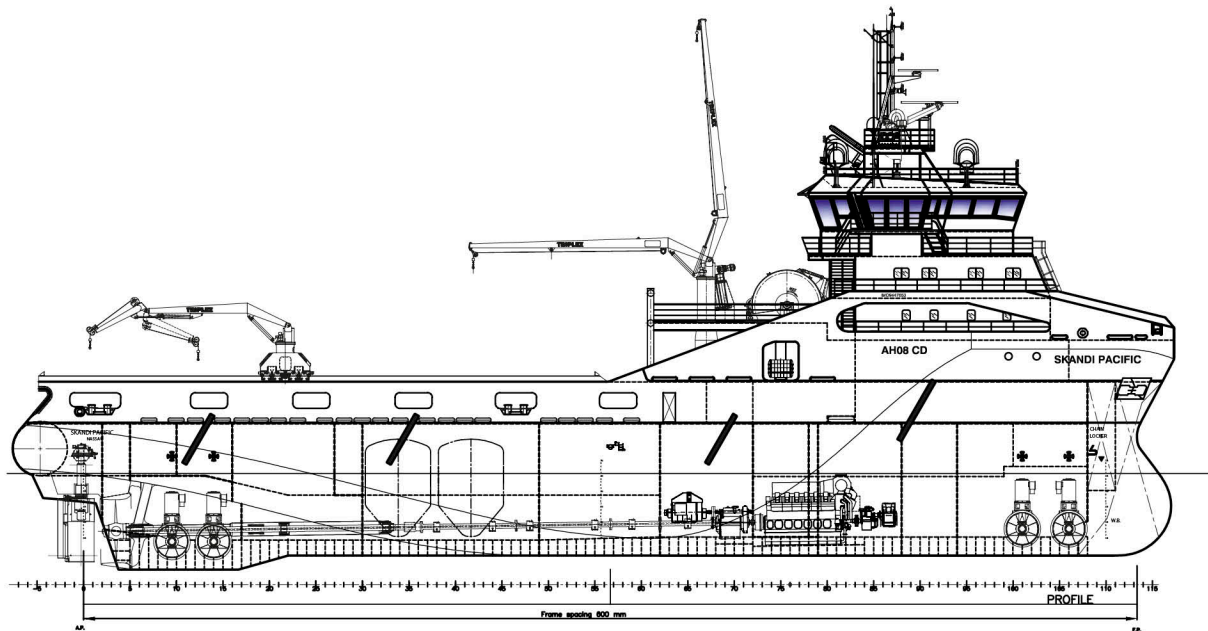
A part of the DDW Offshore Fleet

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Skandi Pacific

IMO No 9447653

DDW
OFFSHORE



SKANDI PACIFIC

VESSEL MAIN PARTICULARS

Vessel design	STX OSV AH 08CD
Vessel name	Skandi Pacific
Manager (DOC holder)	DDW Offshore AS
Owner	DDW Offshore AS
Type	AHTS
Class definition	DNV 1A1 , SF, TUG, EO, DYNPOS-AUTR (IMO DP2) , FIRE FIGHTER I+II , CLEAN DESIGN, DK (+), HL (2.8), TMON , OILREC , COMF-V(3), NAUT-OSV(A)
Vessel built	Nov 2011
Yard	VARD VUNG TAU
Yard no	AYV 5
Port of registry	NASSAU
Flag state	BAHAMAS
Safe Manning	10
Next dry docking	Nov 2021

PRINCIPAL DIMENSIONS

LOA	75.0 m
LPP	68.0 m
Breadth mld	17.4 m
Depth mld to main deck	8.5 m
Min Draft	4.3 m
Summer draft	7.0 m
Airdraft	31.0 m
Deadweight	3000 t
Lightship	3249.26 t
Gross tonnage	3181 t

Net tonnage	1129 t
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PERFORMANCE

Max speed	15,7 knot
BHP	16000 BHP
Bollard Pull Continuous	192 t

PROPULSION / MAIN ENGINES

Main engines (make)	2 of Rolls-Royce Bergen type B32:40V12P: 12 yl, 6000 kW at 750rpm
Number of main engines	2
Total output main engines (kW)	12000 (kW)
Main propellers	2 of Scana Volda propeller plant
Propellers diameter	Ø 4000mm
Drive type shaft/diesel-electric	Shaft
Fuel type MGO/HFO	MGO

THRUSTERS / PROPELLERS

Bow thruster	2 of Brunvoll CPP tunnel type FU-80-LTC-2000,880 kW, eletric driven
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Stern thrusters	2 of Brunvoll CPP tunnel type FU-80-LTC-2000,880 kW, eletric driven
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GENERATORS / AUX GENERATORS

Shaft generators make:	2 of AEM type SE 630 L6,
Shaft generators capacity:	2 x 2400 kW
Aux generators Make:	2 x NOGVA SCANIA D11655M
Aux generators capacity:	2 X 370 kW
EM generator make:	1 x JOHN DEERE model 6068TFM50
EM generator capacity:	99 Kw

CARGO DECK

Deck space	550 m2
Deck length	36,5 m
Deck breadth	14.4 m
Deck strength	10t / m2
Deck cargo capacity (tonnes)	1000 t @ 1 m above deck
Height of cargo rail	2,8 m

CARGO CAPACITY SUMMARY

Fuel oil	Max in combination tanks 1686m3, (90% 1517m3)
Base oil	236 m3
Fresh water	620 m3
Drill water	826 m3 normal max 1948 m3 (All BW/ DW tanks)
Liquid Mud	430 m3
Brine	430 m3
Bulk Cement	260 m3
Bulk Barite	260 m3
Bulk Bentonite	260 m3
Oil recovery	1039m3

Rig chain lockers	2 x 153 m ³
Slop	85 m ³
Combination tank system	Yes

DRILL WATER

Tank capacity	Normal: 826 m ³ , Max:1948 m ³ (All BW/ DW tanks)
Number of tanks	5+2 or total 23 if all BW tanks is included
Pump capacities	200 - 120 m ³ /h
Pump type screw/centrifugal	Centrifugal
Number of pumps	2

FW

Tank capacity	641m ³
Number of tanks	8
Pump capacity	200 - 70m ³ /h
Pump type screw/centrifugal	Centrifugal
Number of pumps	2

FUEL OIL

Tank capacity	Max in combination tanks 1686m ³ , (90% 1517m ³)
Number of tanks	17
Pump capacity	100 - 140 - 183 - 200 m ³ /h
Pump type screw/centrifugal	Two-Spindle Screw Pump
Number of pumps	2
Flowmeter	installed

LIQUID MUD

Tank capacity	430 m ³
Number of tanks	6
Pump capacity	75 - 37 m ³ /h

Pump type screw/centrifugal	screw
Number of pumps	2
Fixed tank cleaning system	no
Tank washing pipe system	no
Agitator or circulation	1 agitator each tank / 580 rpm / 11,2 Kw
Possible to handle two types of mud simultaneously	Yes
Max SG	2.8

DRY BULK

Tank capacity	264 m3
Number of tanks	4
Compressor capacity	1554 m3/h
Segregated system	yes
Air dryer	yes

BASE OIL

Tank capacity	234 m3
Number of tanks	2
Pump capacity	110 - 63 m3/h
Pump type screw/centrifugal	Centrifugal
Number of pumps	2
Possible to handle two types of base oil simultaneously	yes

BRINE

Tank capacity	430 m3
Number of tanks	6
Pump capacity	75 - 37 m3/h
Pump type screw/centrifugal	screw
Number of pumps	2
Fixed tank cleaning system	no

Possible to handle two types of brine simultaneously	yes
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SLOP TANKS

Tank capacity	13.5 m3
Number of tanks	1
Pump capacity	5 m3/h

CARGO LOADING / DISCHARGING CONNECTIONS

Fuel oil	AVERY 3"
Fresh water	WECO 3"
Liquid mud	AVERY 4"
Brine	AVERY 4"
Drill water	WECO 4"
Drybulk	WECO 5" / CAM LOCK 5"
Base oil	AVERY 4"

POWER SUPPLY DECK

Air outlets	7 Bar
Reefer outlets	2 x 440V

ROLL REDUCTION SYSTEM

Roll reduction system type	Flumei/passive
Number of roll reduction tanks	2

EVAPORATOR / OSMOSIS

Reverse osmosis type	HANSUN HRSO-10
Reverse osmosis capacity	10 t/day

DECK CRANES

Starboard crane	TRIPLEX DECK CRANE K50/3,2/150/27 , Lifting capacity: 48 Tm , Lifting capacity winch @ 15 m: 3200 kp, Lifting capacity winch @ 10 m (Heavy lift point): 5000 kp, Max. radius: 15000 mm, Min. radius: 600 mm 1 x Straight boom
Cargo rail crane	TRIPLEX TRAVELLING DECK CRANE KNC- 50/3,0/85/35 , Derric lenght: 8,5m, Jib lenght: 3,5m Max.Radius: 12m, Min. Radius: 1,3m, Whinch capacity: 3000kp

ANCHOR HANDLING WINCH

Type	Brattvaag towing / anchorhandling winch of waterfall type SL350W/BSL350W
Length of drum	3450mm+ 900mm(comp)
Inner drum diameter	1050mm
Diameter of flanges	2850mm
Low gear: Drive hoist first layer	350 t @ 0-10,5 m/min
Low gear: Drive hoist top layer	144 t @ 0-25 m/min
Low gear: Lowering first layer	0-34m/min
Low gear: Lowering top layer	0-84m/min
Low gear: Dynamic braking first layer	64-480 t @ 0-51m/min
Low gear: Dynamic braking top layer	26-196 t @ 0-126 m/min
High gear: Drive hoist first layer	90 T @ 0-34 m/min
High gear: Drive hoist top layer	37 T @ 0-84 m/min
High gear: Lowering first layer	0-34 m/min
High gear: Dynamic braking first layer	64-480 t at 0-51 m/min
High gear: Dynamic braking top layer	26-196 tonnes at 0-126 m/min
Brake holding first layer	450 tonnes on drum's 1. layer

TOW / WORK WINCH

Type	Brattvaag towing / anchorhandling winch of waterfall type SL350W/BSL350W
Length of drum	3450mm+ 900mm(comp)
Inner drum diameter	1050mm

Diameter of flanges	2850mm
Low gear: Drive hoist first layer	350 t @ 0-10,5 m/min
Low gear: Drive hoist top layer	144 t @ 0-25 m/min
Low gear: Lowering first layer	0-34m/min
Low gear: Lowering top layer	0-84m/min
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High gear: Lowering top layer	0-84 m/min
High gear: Dynamic braking first layer	64-480 t at 0-51 m/min
High gear: Dynamic braking top layer	26-196 tonnes at 0-126 m/min
Brake holding first layer	450 tonnes on drum's 1. layer

SECONDARY WINCHES

Type	BRATTVAG ALM63130
Length of drum	2 x 2300 mm + 750 mm (comp.)
Inner drum diameter	1500 mm
Diameter of flanges	4500 mm
Drive hoist first layer	130 ton pull at 0-18 m/min
Drive hoist top layer	53 ton pull at 0-45 m/min
Capacity wire	Capacity main drum: 2 x 800 m of rope with fixed dia. 203 mm,

ANCHOR HANDLING EQUIPMENT

Smith bracket MBL	SWL 300 T
Shark jaws	Karm forks: 2 X 600 t ø500 x 850mm
Spare shark jaw inserts	Karm forks: 2x 76mm, 2x 84mm ,2x 90mm , 2x 110 mm
Towing pins	4 X 300 t ø 450 x 850mm

Steering pins	2 X KARMOY WINCH 374mm(Height), SWL-95T
Stern roller dim	Φ-3500mm L-6000mm
Water monitors	2 fire hydrant
J-hook	110 T
Grapnel	110 T
Swivel numbers of.	2
Swivel SWL	SWL-160T
55 t shacles	8
85 T shackles	6
120 T shackles	4

WIRE STATUS

AH drum	1500 m X 83 mm
Work drum	(AH drum)
Tow drum	1200 m x 83 mm
Sec drum port	1240 m X 83 mm
Storage drum	1500 m x 83 mm
stb. Tow drum	
Port Tow Drum	
Fibre drum	

GYPSYS INSTALLED

Gypsy starboard side	1 x 76 mm /1 x 84 mm spare
Gypsy port side	1 x 76 mm /1 x 84 mm spare

DECK MACHINERY

Tugger wich type	2 x BRATTVAG LAKM 132024 - 24T
Tugger wich capacity	600 m x 76 mm Steel wire
Tugger wich hoisting speed	24 ton pull at 0-22 m/min
Capstan type	TUGGER-MOORING WINCHES 2XBRATTVAG LAKMX 22012 - 12T

Capstan capacity	70m x 20mm Wire + 50m x 63mm Synthetic rope
Capstan hoisting speed	17 m/min at 12 t Pull

WINDLASS

Type	BRATTVAG BFGX 63044 - 18t
Cable lifter hoisting speed/pull	nominal 9.8 t pull at 0-13 m/min at 32 br
Cable lifter Lowering speed	0-46 m/min
Anchor type	2 X Stockless bow anchor.
Chain length	2 x 247.5 mtr
Mooring drum capacity/pull	230m of dia. 60mm rope

STORAGE WINCH

Type	BRATTVAG ALMX 41011
Capacity	1200 m x 76 mm Wire rope
Hoisting power	8.4 t

RIG CHAIN LOCKERS

Chain lockers numbers & m ³	2 X 150 m ³
Capacity 76 mm chain	1000 m
Capacity 84 mm chain	N/A

NAVIGATION EQUIPMENT

X-band Radar	Sperry Marine, 340 Flat Panel Monitor, 23.1 inch LCD, 8FT Antenna Type No.:65608/A
S band Radar	Sperry Marine, 340 Flat Panel Monitor, 23.1 inch LCD, 12FT Antenna Type No.: 656112A
Electronic chart system	2 x VisionMaster FT- Sperry Marine , 340 Flat Panel Monitor, 23.1 inch LCD
Autopilot	Sperry Marine Navpilot 4000
GPS	2 X SAAB R 4 Navigation System
Echosounder	1 x Sperry Marine ES 5100

Magnetic Compass	NaviPol II magnetic JUPITER Type: 4105
Gyro compass	3 x Plath Navigat X MKI
Speed Log	1 Sperry Marine , NAVIKNOT 350 E
Wind gauge	2 x WindObserver II Anemometer/1390-PK-006
AIS	SAAB R4-J4

COMMUNICATION EQUIPMENT

MF/HF	Sailor 6301
MF/HF DSC	Sailor 6301
VHF	2 x SAILOR 6220
VHF DSC	2 x SAILOR 6222
EPIRB	2 x SAILOR SGE-406-11 Satelite EPIRB
SART	2 x SAILOR SART II
Inmarsat C	2 x SAILOR 6110 GMDSS SYSTEM
Portable VHF	3x Sailor Sp 3520 GMDSS
Portable UHF	8 X MOTOROLA GP-380-Ex
Mobilephone	yes
Inmarsat FleetBroadband	1 X SAILOR TT-3622B

DYNAMIC POSITIONING SYSTEM

Class definition	DYMPOS-AUTR, (IMO DP2)
Type	Kongsberg K-Pos DP 21
DGPS no1	Seatex DPS122
DGPS no2	
Diff correction	2 x IALA Spotbeam, iNMARSAT, SBAS
Fanbeam	Fanbeam 4.2
ERN number	99,99,99

JOYSTICK

Type	Kongsberg C-Joy
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Connections points	2 (aft/port and stb)
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ACCOMMODATION

Total number of bunks	27 (+1 Hospital)
Officers Cabins	7
Crew double Cabins	10
Messroom/Rec rooms	1
Lounges	2
Hospital	1
Offices	2

GALLEY

Freezer space(m³)	6,7 m3 (fish) + 6,7 m3 (meat)
Cooler space (m³)	14 m3

LIFE SAVING EQUIPMENT

MOB boat	750 MAGNUM FRC, NORSAFE
MOB boat	Main dimensions:L= 7,70 M, B= 2.90 M, D= 2,05 M Approved for max: 10 persons Hull material: GRP WITH FIRE RETARDANT POLYESTER RESIN, Fully load: 2975 kg
Liferafts	6 x Viking 16DK+ ,Capacity: 16 persons Length of painterline : 36m/inside Max stowage height : 25 m Emergency pack type: SOLAS A PACK
Lifejackets	33 psc Viking PV 9509
Survival suits	31 psc Viking
Working/MOB-boat suits	REGATTA OFFSHORE SUITS

FIFI / DISPERSANT SYSTEM

Type	JASON EUREKA FM400HD-01
Fire Fighting class	FIRE FIGHTER I+II
Throw height / length	70 m (Elevation angle 75°)/ 200 m (Elevation angle 40°)

Monitor count	2
Monitors capacity	3600 m3/hrs
Dispersant booms length	8,0 m

INCINERATOR

Incinerator type	HSINC-18 , Capacity: 180,000 kcal/h (208 kW), Sludge oil 20kg/h Type II waste 144,000 kcal, Sludge moisture 20%
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