



Design: AH08
Project: AYP329
Build: 2010
IMO No: TBA

SKANDI PEREGRINO

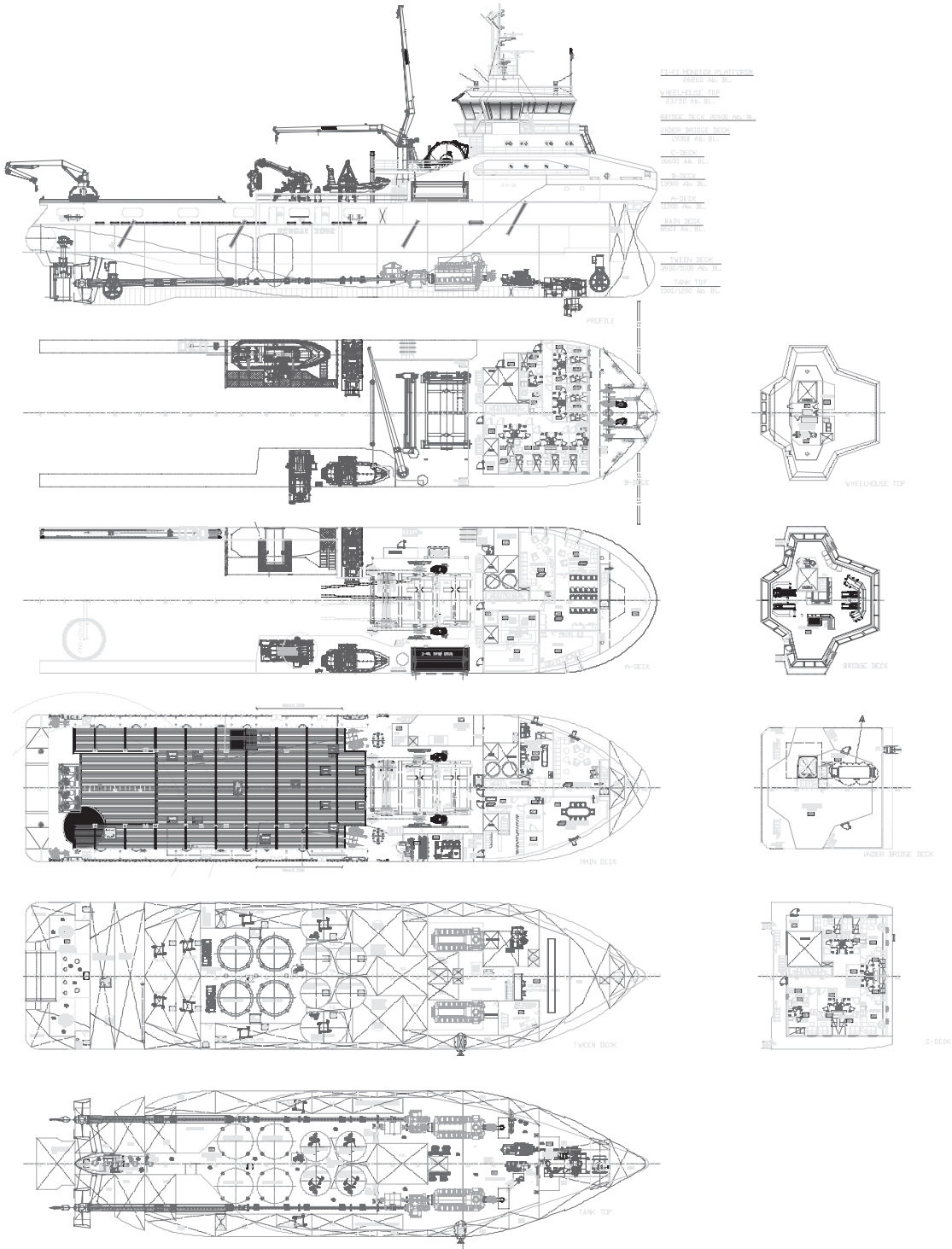
ANCHOR HANDLING TUG SUPPLY VESSEL



Generic AH08 illustration - Deck lay out not identical

Aker AH 08

Not to scale



Technical data

The vessel is designed and equipped for anchor handling and towing operations and for carrying and unloading to rigs, production platforms and similar in addition to stand by and rescue duties for 120 persons. It also serves as a oil recovery vessel based on the NOFO 2008 requirements. Equipped with one WROV it can also perform light ROV operations.

GENEERAL

Design:	STX Offshore Europe - AH 08
Built by:	STX Vietnam Offshore - Hull no. 02
Built:	2010
Flag:	NIS
Port of Registry:	Bergen
Classification:	DNV 1A1, SF, TUG, E0, DYNPOS-AUTR (IMO DP II), CLEAN DESIGN, NAUT OSV, FIRE FIGHTER I, T-MON, DK (+), HL(2.8), OILREC Comf-V3

MAIN PARTICULARS

Length overall	75.0 m
Length between p.p.	68.0 m
Breadth moulded	17.4 m
Depth main deck	8.5 m
Design draft midship	5.3 m
Max. scantling draft midship	7.0 m
Max. scantling draft including skeg	7.9 m
Gross Tonnage	TBA
Net Tonnage	TBA

CAPACITIES

Bollard Pull, continious - Estimated	180 Tonnes
Rig chain locker	300 m ³
Towing wire, 83 mm	1 500 m
Work wire, 83 mm	1 500 m
Spare wire, 83 mm	1 000 m
Potable water	825 m ³
Base oil 2)	230 m ³
Fuel oil 1,2)	1 700 m ³
Brine, all catagories 2)	460 m ³
Liquid mud 1)	460 m ³
Cement	264 m ³
ORO	1 070 m³
Dispersant	30 m ³
Deck cargo	700 Tonnes
Deck cargo area	550 m ²
Deck cargo area loading	10 T/m ²

1) Partly combined tanks for Mud / Brine / FO

2) Combined tanks for Base oil / FO

DISCHARGE CAPACITIES

Fuel oil:	200 m ³ /h
Potable water:	200 m ³ /h
Brine:	75 m ³ /h
Liquid mud:	75 m ³ /h
Base oil:	150 m ³ /h
Water ballast/Drill water	200 m ³ /h
Bulk:	75 T/h
ORO	200 m ³ /h

DECK CAPACITIES

Windlass:	1 x Rolls-Royce BFMG63044 2 cable lifters, 2 drums - 10 T
Tugger winches:	2 x Rolls-Royce LAKM132024 - 24 T 2 x Rolls-Royce LAKMX22012 - 12 T
Cranes:	1 x Triplex Cargo Rail Crane 3 T @ 12 m 1 x Triplex Provision Crane - Rescue rated 5 T @ 10 m / 3 T @ 16 m
Reefer connections:	3
Working air:	130m ³ /h @ 7 bar

MACHINERY & PROPULSION

Main Engines:	Rolls-Royce B32:40 V12 - 6000 kW
Shaft generator:	AEM 2200 ekW - 440V
Auxiliary engines:	1 x Nogva (Scania) 370 ekW - 440V 1 x Cummins 950 kW kW
Emergency generator:	Nogva (John Deere) 99 ekW - 440V
Main screws:	2 x Rolls-Royce 4 000 mm ducted-controllable pitch propellers
Rudders:	2 x Rolls-Royce Flap rudder
Steering gears:	2 x Rolls-Royce Tennfjord
Bow thrusters:	1 x Brunvoll FU80LTC2000 - 880 kW 1 x Rolls-Royce TCNS 73 retract. azimuth
Aft thrusters:	1 x Brunvoll FU80LTC2000 - 880 kW

TOWING AND ANCHOR HANDLING EQUIPMENT

Winch type	Rolls-Royce Brattvaag
A/H winch pull	350 T
A/H working winch break	480 T
A/H working drum dimension (mm)	1050x2850x3450+900
A/H working drum capacity	Ø83 mm - 1 500 m
Towing winch pull	350 T
Towing Winch brake	625 T
Towing drum dimension (mm)	1050x2850x3450+900
Towing drum capacity	Ø83 mm - 1 500 m
Secondary winch pull	130 T
Secondary winch brake	170 T
Secondary winch dimension (mm)	1500x4500x4500+900
Secondary winch capacity	Ø83 mm - 1 000 m

Spooling gear	All winches
Stern Rollers	1 roller 5 000mm length Ø3 500mm - 500T
Rig chain gipsies	1x76 mm & 1x84 mm
Rig chain lockers	2 x 150 m ³
Towing pins	4 x Karm 330 T
Shark jaws	2 x Karm 650 T

Technical data

RESCUE CRAFTS

Daughter Craft

Make:	Maritime Partner
Type:	MP 1111TWJ FRDC
Length:	11.99 m
Breadth:	3.5 m incl protection
Weight:	9 900 kg with 24 persons
Bollard pull:	4.2 Ton
Propulsion:	2 x Yanmar 6LY2-STP - 420 hp 2 x Traktor Jet 431HH water jets Complete propulsion system is fully redundant
Speed:	30 knots
Range:	120 N.Miles
Superstructure:	Seatings for 24 persons
Special equipment:	Sealift
Davit:	TTS Marine Heave compensated type

Fast Rescue Craft

Make:	Maritime Partner
Type:	ALUSAFE 770 FRC
Length:	8.15 m
Breadth:	2.7 m incl protection
Weight:	3 300 kg with 10 persons
Propulsion:	2 x Volvo Penta D3 - 190 hp 2 x PP 90 water jets Complete propulsion system is fully redundant
Speed:	35 knots
Range:	100 N.Miles
Superstructure:	Seatings for 5 persons
Special equipment:	Sealift
Davit:	TTS Marine

RESCUE EQUIPMENT

Classification	NMD
Survivor capacity:	120 Persons
Non-Survivor capacity:	12 Persons
Rescue equipment:	Rescue basket STB side Scramble net Decontamination shower
Winch Zone:	Aft deck STB side

ROV

Work ROV:	Ready for one WROV with LARS on PS
Observation ROV:	Ready for the ROV in a BOX system
HiPAP:	Ready for HiPAP installation



DOF ASA

Alfabygget, NO-5392 Storebø, NORWAY

Telephone: +47 56 18 10 00 • Fax: +47 56 18 10 06 • E-mail: management@dof.no

DOF Management Pte Ltd

PSA Building, 460 Alexandra Road #15-02, SINGAPORE

Telephone: +65 65 60 23 38 • Fax: +65 65 60 24 70 • E-mail: office_singapore@dof.no

DOF (UK) Ltd

Voyager House, 75 Waterloo Quay, AB11 5DE, SCOTLAND

Telephone: +44 12 24 58 66 44 • Fax: +44 12 24 58 65 55 • E-mail: info@dofman.co.uk

DOF Argentina S.A.

Av. Corrientes 423, Piso 6, Oficina 19, C1043AAE, Buenos Aires, ARGENTINA

Telephone: +54 11 43 28 07 81 • Fax: +54 11 43 26 36 12 • E-mail: dofargentina@fibertel.com.ar

NorSkan Offshore Ltda

Rua Lauro Müller, 116 - Sala 1105, Torre do Rio Sul, 22290-160 Botafogo, Rio de Janeiro, R.J., BRAZIL

Cep: 22290-160 • Tel : 55 21 2103-5700 • Fax : 55 21 2103-5707 • E-mail: hans.ellingsen@rio.norskan.com.br

DOF Egypt

22, Road 270, New Maadi, Cairo, EGYPT

Telephone: +20 2 7048 369/371/575 • Fax: +20 2 7048 519/520 • E-mail: khaled.aboud@com

