AIGAION PELAGOS

10,188 BHP ANCHOR HANDLING TUG SUPPLY VESSEL (DP2 / FIFI1) 120 T BOLLARD PULL



REGISTRATION

Built	Remontowa, Poland
Classification	BV ✠A1, ✠AMS, ✠DPS-2, Ⓔ, AH/Offshore Support &Towing Vessel, Fire Fighting Class 1

DIMENSIONS

LOA	70 m
Breadth (moulded)	15.5 m
Depth (mould to sh.dk)	6.6 m
Draft (max)	5.112 m
GRT	2301
NRT	690
Deadweight @ 5.112m	2058T

CARGO CAPACITY

Clear Deck Space	415 m^2 (34.6 X 12)	
Deck Load	1000 T	
Fuel Oil	828 Cum	@100%
Potable Water	608 Cum	@100%
Drill Water	656 Cum	@100%
Mud	480 Cum	@100%
Liquid Mud	480 m^3	
Drilling Fluid	990 Cum	@100%
Dry bulk	190 Cum	@100%

DISCHARGE RATES

Fuel	650 GPM	@ 86PSI TDH (60 Mts)
Pot Water	1 x150 m^3/hr	@ 90 mhd
Drill Water	1 x 150 m^3/hr	@ 90 mhd
Mud	1 x 150 m^3/hr	@ 67 mhd
Brine	1 x 75 m^3/hr	@ 90 mhd
Base Oil	1 x 150 m^3/hr	@ 90 mhd
Slop Disc.	1 x 5 m^3/hr	@ 45 mhd
Dry bulk	1 x 1100 m^3/hr	@ 5.5 Bar

MACHINERY

Main Engines	2 x 5,094 KW Total – 10,188 BHP
Shaft Alternators	2 x 1,724 kW
Generators	2 x 250 kW
Emergency Gen	1 x 105 kW
Bow Thrusters	2 x 800 BHP (Tunnel)
Stern Thrusters	1 x 800 BHP (Tunnel)
Rudders	2 x Fish tail high lift
Propellers	4 Bladed prop in nozzles

SPEED & CONSUMPTION

At 5.0 M draft = 14Kts

ACCOMMODATION TOTAL 28 PERSONS

2 x 1 berth cabins = 2
9 x 2 berth cabins = 18
2 x 4 berth cabins = 8
1 X 1 hospital = 1
All cabins fully air-conditioned

EXTRA EQUIPMENT

Rescue Zone	Port & Stbd side
Oily Water Separator	1 m^3/hr MARPOL standard.
Sewerage Treatment Plant	1 x 29 men per day.

VESSEL MANAGEMENT DP AND JOYSTICK (ABS NOTATION DPS-2, FMEA)

L3 DP system
2 x DP Controller
2 x Wind Sensor
2 x Master Gyro
2 X DGPS
1 X Cyscan
Joystick for control of all the thrusters and propellers
Powers management System
VRS

CRANES

1 x 2T @ 10m

BOLLARD PULL

120 T

TOWING AND ANCHOR HANDLING

Double Drum A/H Towing Winch,
Fukushima DDWG-300H-4M
Brake Holding 450 Tonnes

Winch Pull	350T @ 6m/min 197T @ 10.m/min 129T @ 16.3m/min
Towing drum Capacity	1500 m X 76 mm
Anchoring Handling Capacity	1,500 m of 76 mm
Gypsies	2 x 3.25 inch (76mm Chain)
Karm Forks	2 x SWL 300 T
Towing pins	4 x SWL 160 T
Stern Roller	2.5 m Ø x 4 m SWL 500 T
Chain Lockers	2 x 80 m^3
Tugger Winches	2 x 10 T

STORAGE DRUM

Capacity	1,500 m of 76 mm

FIREFIGHTING - FIFI CLASS 1

2 x 1,500 m^3 / hr @ 14 Bar
2 x 1,200 m^3 / hr remote controlled Fire Monitors Throw 120 m x Height 50 m

NAVIGATION AND COMMUNICATION EQUIPMENT

SSB Radio 400 w duplex Radiotelephone MF/HF radio telephone
Inmarsat C
VHF radio tel C/W DSC watch-receiver
AIS
Navtex
Radar Transponder - SART
EPIRB
Magnetic Compass
Ship Security System
2 x Radar X Band ARPA
Doppler Speed Log
GPS Navigator
Echo Sounder
3 x GMDSS Walkie Talkies

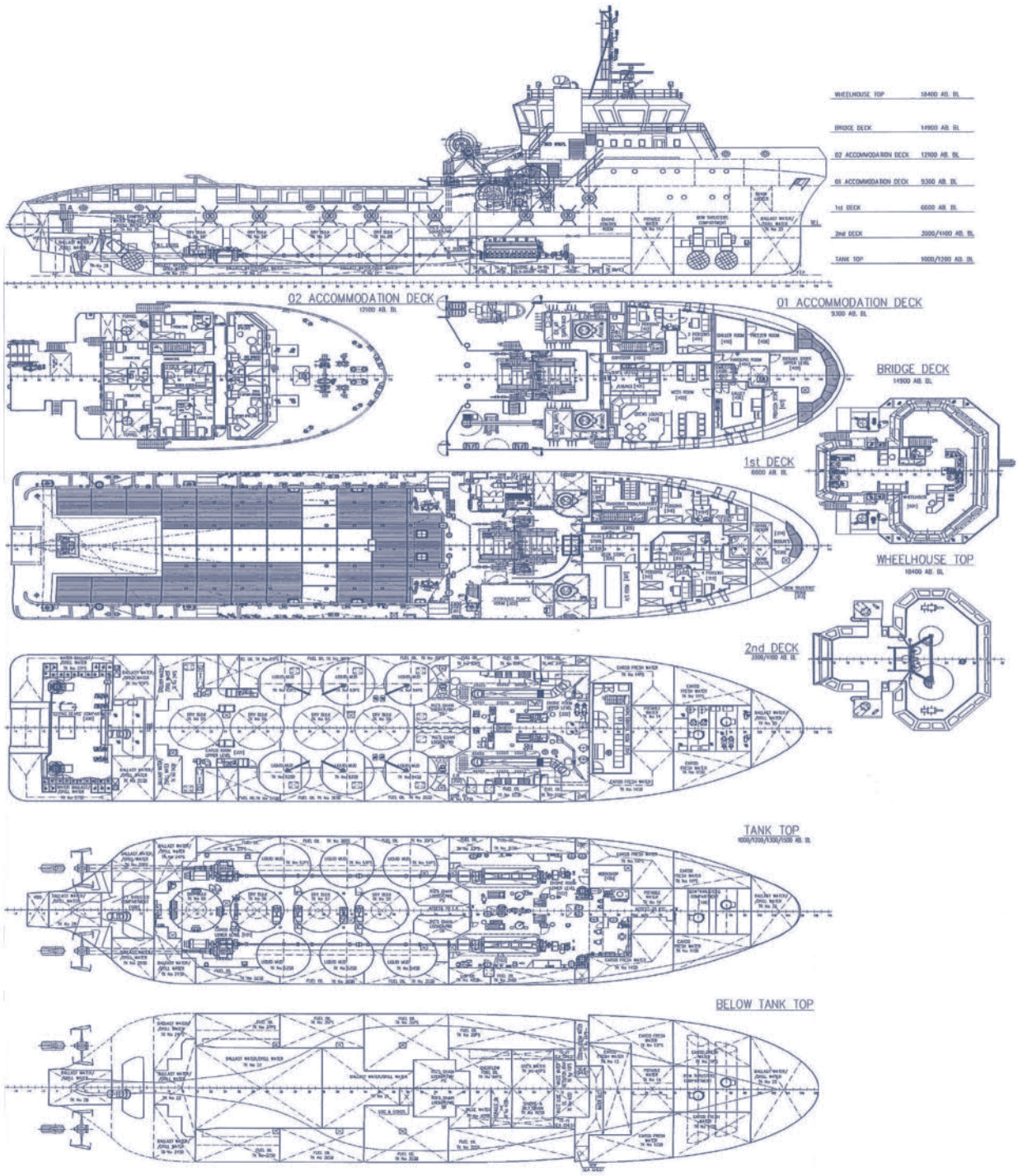
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GENERAL ARRANGEMENT DRAWING



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