# REGISTRATION

- **Built**: Remontowa, Poland
- **Classification**: ABS +A1, +AMS, +OPS-2, @, AH/Offshore Support & Towing Vessel, Fire Fighting Class 1
- **Flag**: Malaysia

# 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 m² (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 m³
- **Drilling Fluid**: 990 Cum @100%
- **Dry bulk**: 190 Cum @100%

# DISCHARGE RATES

- **Fuel**: 650 GPM @ 86PSI TDH (60 Mts)
- **Pot Water**: 1 x150 m³/hr @ 90 mhd
- **Drill Water**: 1 x 150 m³/hr @ 90 mhd
- **Mud**: 1 x 150 m³/hr @ 67 mhd
- **Brine**: 1 x 75 m³/hr @ 90 mhd
- **Base Oil**: 1 x 150 m³/hr @ 90 mhd
- **Slop Disc.**: 1 x 5 m³/hr @ 45 mhd
- **Dry bulk**: 1 x 1100 m³/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

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**NOTICE:** The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company’s equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.

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**SEA VALIANT 10,188 BHP ANCHOR HANDLING TUG SUPPLY VESSEL (DP2 / FIFI1) 127.2 T BOLLARD PULL**

### EXTRA EQUIPMENT

- **Rescue Zone**: Port & Stbd side
- **Oily Water Separator**: 1 m³/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

- 127.2 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
- **Anchoring 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 m³
- **Tugger Winches**: 2 x 10 T

### STORAGE DRUM

- **Capacity**: 1,500 m of 76 mm

### FIREFIGHTING - FIFI CLASS 1

- 2 x 1,500 m³ / hr @ 14 Bar
- 2 x 1,200 m³ / 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