

AHTS DP-2 ASD FFV1,TOW, AH,OSR-C2 SPS (80T BP) BIt 2018

Length Overall 65.00M
Length BP 60.39M
Breadth Moulded 15.80M
Depth Moulded 6.50M
Draft Moulded 5.10M
Deadweight : 1640 T
Gross Tonnage : 2071
Net Tonnage 638
Bollard Pull : ~ 80 T
Trial Speed ~13.0 knots

Clear Deck Area 450M²
Deck Loading 7.0 T/M²
Fuel Oil ~580 M³
Fresh Water~375 M³
Drill Water / Water Ballast ~820 M³
Liquid Mud (with Agitators) / ORO/ Brine ~400 M³
Cement Tank 4 x (1500ft³) 42.5 M³

CARGO DELIVERY RATES

Fuel Oil Cargo 2 x 150 M³/hr@ 75M head
Fresh Water 1 x 100 M³/hr@ 75M head
Drill Water 1 x 100 M³/hr@ 75M head
Liquid Mud 2 x 75 M³/hr@ 75M head

PROPULSION /MACHINERY SUPPLY & DRAINAGE PLANT

Main Engine 2 X 2400KW@Mak 8M25C
Rudder Propeller 2 XBerg CP Azimuth Thruster
Bow Thruster 2 x 12.0T Kawasaki, CPP type
Main Generator 3 x 450kWe, Caterpillar, 415V/3ph/50Hz
Shaft Generator 2 x 1230 kWe, PTO driven,
Emergency Diesel Generator 1 x 136 kWe, Caterpillar, 415V/3ph/50Hz
Freshwater Maker 1 x reverse osmosis type, 5T/day
Sewage Holding & Treatment System For 50 persons
Oily Bilge Water Separator 1 x 1.0 M³/hr with oil content <15ppm
F.W. Hydrophore Plant 4M³/hr @ 40M head
S.W Hydrophore Plant 4M³/hr @ 40M head
Central Water Heating System 1 set c/w 300L tank

DECK / AHT EQUIPMENT

Windlass : 1 x electro-hydraulic type, 10T @ 12M/min for 40mm dia. Chain
Capstan : 2 x electro-hydraulic type, 5T @ 15M/min
Towing & Anchor Handling winch : 1 x electro-hydraulic driven,waterfall , c/w spooling device for towing winch
Pull: 150T of 1st layer Brake holding: 250 T Drum capacity: 1000mm x 58mm wire rope
Towing pins : 2 x vertical hydraulic retractable type @ 200 T SWL
Shark Jaws : 1 x hydraulic retractable type @ 200T SWL
Tugger Winch : 2 x electro-hydraulic type, 10T @ 15M/min
Stern Roller : 5.00M by 1.8M dia, 200T SWL Storage
Reel : 1 x hydraulic type, 5T @15M/min, with Drum capacity of 58mm dia. X 1000M
Anchor : 2 x approx1305kg high holdinganchors
Deck Crane : 1 x marine crane of 3T @ 12.0M

DYNAMIC POSITIONING SYSTEM

Meets the DPS-2 class notation of ABS to be configured of incorporated with:

- 2 x Independent Joystick Control
- 2 x DP Control Computers
- 2 x DGPS Position Reference Sensor
- 1 x Laser Reference System Sensor
- 2 x Wind Sensors
- 2 x Gyro Compass
- 2 x Vertical Reference Unit
- 2 x UPS
- 2 x Printer for Alarm Data Log

ACCOMMODATION

- 6 x 2 man cabin : 12 men
- 4 x 1 men cabin :
- 4 men
- 8 x 4 men cabin : 32 men
- Total 48 men
- Hospital : 1 man type
- Chiller & Freezer : ~20M³
- Provision store : 25 days

EXTERNAL FIRE FIGHTING SYSTEM

External Fi-Fi : Class 1 c/w fixed water spray system
Fire Monitor 2 x 1200 M³/hr
Fire Pump 2 x 1720 M³/hr at 125mlc
Foam System : 14M³ tank capacity
Dispersant System : 14M³ tank capacity
Sea Chest : 2 x independent

INTERNAL FIRE FIGHTING SYSTEM

CO₂ Fixed Fire Fighting System Provided in engine room.
Fire Detection & Alarm System Shipset
B.A. Recharging Compressor 1 unit
Portable Fire Extinguishers- Shipset
Fire Blanket 2 sets
Fire Axe 1 unit
Fireman's Outfits 6 units

NAVIGATION COMMUNICATION EQUIPMENT

X-band Radar Range 96NM : 1 set
S-band Radar Range 96NM : 1 set

LIFE SAVING EQUIPMENT

Life Raft : 6 x 25
FRP Rescue Boat c/w Davit : 1 x 6 men
Life Buoy-ring : 8 sets
First Aid Kit : 1 set
Lifejacket : 52 sets
Immersion suits 52 sets / EEBD: 7 unit + 1 unit of training
Echo Sounder : 1 set
GPS Plotter : 1 set
Gyro Compass : 1 set
Magnetic Compass : 1 set
Autopilot & Steering Gear : 1 set
Weather Facsimile receiver : 1 set
Doppler Speed Log : 1 set
Automatic Identification System (AIS) : 1 set
MF/HF Transceiver (GMDSS) : 1 set
Satellite EPIRB : 1 set
2-way Portable VHF radios : 3 sets
SART 2 sets
Navtex Receiver (GMDSS) 1 set
Anemometer : 1 set
BNWAS : 1 set