



Ref dm1125

AHTS (2 units)

Year	2007
PRINCIPAL DIMENSION	
Length Overall	70.00m
Length (B.P)	61.80m
Breadth Moulded	16.80m
Depth Moulded	7.50m
Draft Moulded	6.10m
Class	ABS
Notation	*A1 Offshore Support & Fire fighting Vessel Class 1 (E), *AMS, *DPS-2

PERFORMANCE

Deadweight (approx)	2000 tonnes
Gross tonnage (approx)	2680
Deck loading	7.5 tonnes/m ²
Clear deck area	450m ²
Trial speed	14.0 knots
Bollard pull	130 tonnes

MACHINERY

Main Engine	2 x 4000kw Wartsila 8L32
Gearbox	2 x Wartsila SCH85-P58
Propulsion system	CPP
Rudder	2 x high lift type
Generating set	2 x 315kw Cat 3408C 2 x 1600kw shaft driven
Auxiliary Genset	65kw
Bow Thruster	2 x 9T controllable pitch type
Stern thruster	1 x 9T controllable pitch type

PUMPS

Cement Compressor	2 x 18m ³ /min each @ 80 psi
F. O. Cargo Pump	1 x 150m ³ /hr @ 75m head
F.W. cargo pump	1 x 150m ³ /hr @ 75m head
Drill water pump	1 x 150m ³ /hr @ 75m head
Mud pump	2 x 75m ³ /hr @ 75m head
F.O. Transfer pump	1 x 20m ³ /hr @ 20m head
G.S. pump	1 x 60m ³ /hr @ 50m head
Ballast pump	1 x 60m ³ /hr @ 50m head
Bilge pump	1 x 60m ³ /hr @ 50m head
Oily water separator	1 x 1.0m ³ /hr

LIVE SAVING EQUIPMENT

Life raft	6 sets for 20 persons
Life buoy	8 sets
Lifejacket	50 sets
MOB-Light smoke signal	4 sets
Rescue boat	1 x 6 persons
Fireman outfit	4 sets

TANKAGE

Fuel Oil	1250m ³
Fresh Water	360m ³
Water Ballast/Drill Water	335m ³
Mud	490m ³
Foam	20m ³
Detergent	20m ³
Dry Bulk (4 x 2000ft ³)	226m ³

DECK MACHINERY

Towing Winch	Bare drum pull 300 tonnes Brake holding 400 tonnes
Tugger Winch	2 x 10tonnes @ 32m/min
Capstan	2 x 10 tonnes @ 25m/min
Shark Jaw/Tow Pins	400T hydraulic operated
Storage Reel	2 x 6.7 tonnes @ 40m/min
Anchor Windlass	13t @ 12m/min for 44mm dia. Chain electro-hydraulic
Anchor & chain	2 x 1845kg each
Towing & Anchor Handling Winch	300t @ 400t brake holding
Deck crane	5t @ 15M
Stern roller	5m x 2.2m dia. S.W.L. 500t

ACCOMMODATION

Captain & chief engineer	2 x 1 berth cabin (2 men)
One-man cabin	8 x 1 berth cabin (8 men)
Two-man cabin	15 x 2-man cabin (30 men)
Hospital	1
Total	40 men

NAVIGATION EQUIPMENT

S-band radar	1 set
X-band radar	1 set
Echo Sounder	1 set
DGPS	1 set
Gyro compass	2 sets
Magnetic compass	1 set

GMDSS SYSTEM

Inmarsat-X	2 sets
VHF-DSC radio	2 sets
Navtex receiver	1 set
Radar transponder-SART	2 sets

FIRE FIGHTING SYSTEM – FIFI CLASS 1

Fire pump	2 x 1500m ³ /hr @ 14 bar each
Fire monitor (water/foam)	1200m ³ /hr @ 12 bar