



AHTS

DP II

AHTS , 6140 BHP , DP2

Principal Particulars

| | |
|-------------------------|-------------------------------|
| Year Of Built | 2009 |
| Type | AHTS |
| Flag: | TBD |
| Offshore support vessel | AH, E, + AMS, + DPS 2 |
| Class | ABS + A1,Towing vessel,Fi-Ff1 |
| IMO No: | TBD |

| | |
|---------------------------|---------|
| Length overall | 59.78 m |
| Breadth moulded | 15.00 m |
| Depth | 5.50 m |
| Design draft | 4.30 m |
| Bollard pull | 82.5 t |
| Gross tonnage | 1,733 |
| Max draft | 4.88 m |
| Deadweight (at max draft) | 1,460 t |

Capacities

| | |
|----------------------|----------------------------|
| Deck area: (5mt/m2). | (26,00 x 12,70 m) 331 m2 |
| Deck cargo | 540 mt |
| Fuel oil | 606 m3 |
| Drill/water/ballast | 458 m3 |
| Fresh water | 354 m3 |
| Liquid mud (8 tanks) | 651 m3 |
| Dry bulk/cement | 156 m3 |
| Foam | 14.5 m3 |

Machinery

| | |
|-----------------|---|
| Main Engine | 3 x 1,825 kW |
| Main propulsion | 3 x 1,685 kW Z Drive, fixed pitch variable speed |
| Bow thrusters | 2 x 560 kW |
| Emergency / | 180kw |

Accommodation

Accommodations for 20 pers

| | |
|---------------|---|
| Single cabins | 4 |
| 2 man cabins | 4 |
| 4 man cabins | 2 |

Mess / day rooms, hospital,
laundry, galley, stores, office. Fully air
conditioned.

Speed / Consumption

| | |
|--------------------------|---|
| Maximum speed (100 %) | 22 t/day @13.5 knots |
| Service speed (%80) | 16 t/day @12 knots |
| Economic speed (%50) | 8.3 t/day @ 10 knots |
| Stand-by mode (1 genset) | 5.4 t/day in moderate environmental conditions. |

Deck Equipment

| | |
|---|---|
| Drum size | 900/2.250 mm dia. x 1,800 mm length |
| Drum capacity | 1,500 m of 2" steel wire |
| Rated pull | 150 ton 1 st. Layer at 8.50 - 0 m /min |
| Brake holding load | 250 t on 1 st layer |
| Cable lifters | 2 for 2/1 "2 and 3" chains |
| Stern roller | 1,500 mm dia. X 2,500 mm length |
| Storage reel | 2,300/813 mm dia. X 1,600 mm length |
| Capacity | 1,500 m of 2" wire |
| Windlass | 1 |
| Tugger winchs | 2 x 10 t pull |
| Deck cargo crane | 1.8 t @ 6 m |
| Towing /Anchor-handling electro-hydraulic high pressurewintch | |

Electronics

NAVIGATION / COMMUNICATION.

2 radars 1 radio system compliant with GMDSS A3 .3 satellite communication system: Vsat, Inmarst fleet 77, Iridium. Email / IP voice facilities.

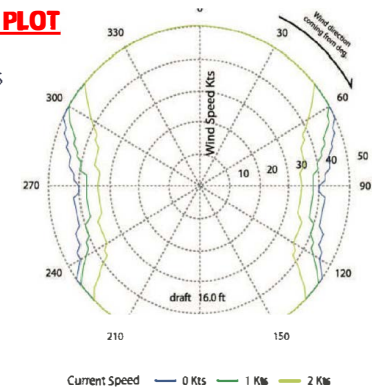
DYNAMIC POSITIONING SYSTEM (Class II)

ABS classed DP2 redundant positioning system comprising 2 DGPS, 1 Cyscan 1 laser reference unit 1 independent joystick system Sensors and monitoring as per class II requirements

DP Capability Plot

DP CAPABILITY PLOT

(All thrusters 100%)
Max wind speed: 50 Kts



Safety Equipment

Fire Fighting (Fi-Fi) 2 pumps of 1,500 m3/h
Line pull 2 monitors of 1,200 m3/h
Water spray protection. MOB boat with davit Life saving arrangement Stand by rescue equipment

Pumps

Fuel oil 150 m3/h at 60 m
Fresh water 150 m3/h at 70 m
Drill/ water/ballast 150 m3/h at 70 m
Liquid mud 2 x 150 m3/h at 70 m
Dry Bulk/Cement 50 t/h at 60 m
Liquid mud tanks fitted with agitators and fixed washing system.

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