

**SEA TRIDENT**

**AHTS**

**DP II**



## Principal Particulars

|                         |                                |
|-------------------------|--------------------------------|
| Official No             | SLR 10874                      |
| Call Sign               | 9LU 2954                       |
| IMO NO :                | 9546588                        |
| Port of registry        | Free Town                      |
| Year Of Built           | 2011                           |
| Type                    | AHTS                           |
| Flag:                   | SIERRA LEONE                   |
| Offshore support vessel | AH, E, + AMS, + DPS 2          |
| Class                   | RINA + A1,Towing vessel,Fi-Fi1 |

## Speed / Consumption

- in case of Eco speed (10 knots) : 8.3T/day
- in case of DP operations : 16 T/day
- in case of Standby offshore (not DP) : 5.4T/day

## Capacities

|                      |                            |
|----------------------|----------------------------|
| Deck area: (5mt/m2). | ( 26,00 x 12,70 m ) 331 m2 |
| Deck cargo           | 540 mt                     |
| Fuel oil             | 546 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                    |

**Ships & Boats**  
Oil Services  
Vessel Owner and Marine Management



**SEA TRIDENT**  
**AHTS , 6779 BHP , DP2**  
**DIESEL ELECTRIC**

## Machinery

|                                  |   |
|----------------------------------|---|
| Main Engine                      | 3 x 1,825 kW  |
| Main propulsion                  | 3 x 1,685 KW Two Z Drive<br>Azimuth (1)Z Drive, fixed<br>pitch variable speed |
| Bow thrusters                    | 2 x 560 kW  |
| Emergency /<br>harbour generator | 160kw   |

## Accommodation

Accommodations for 22 (pers Include the crew)

Accommodations for 10 pers ( Passengers)

|   |   |
|---|---|
| Single cabins   | 4 |
| 2 man cabins  | 4 |
| 4 man cabins  | 4 |
| Mess / day rooms, hospital,<br>laundry, galley, stores, office. Fully air<br>conditioned. |   |

## Dimension

|                           |         |
|---------------------------|---------|
| Length overall            | 59.78 m |
| Breadth moulded           | 15.00 m |
| Depth                     | 5.50 m  |
| Design draft              | 4.30 m  |
| Bollard pull              | 84.3 t  |
| Gross tonnage             | 1733    |
| Net tonnage               | 519     |
| Max draft                 | 4.88 m  |
| Deadweight (at max draft) | 1689 t  |

Head Office

74, Albert Al - awal Str.. El Baron Towers,Bld # 3 ,6th floor smouha , Alexandria, Egypt  
Tel/ Fax : (203) 4250323

Branch office

27 North Choueifat Str. El- Tagamoa El - Khames .New Cairo , Egypt .  
Tel: + (202) 25428540

ISO 9001  
BUREAU VERITAS  
Certification



## Deck Equipment

|   |   |
|---|---|
| Drum size   | 900/2.250 mm dia. x<br>1,800 mm length    |
| Drum capacity   | 1,500 m of 2" steel wire                  |
| Rated pull  | 150 ton 1 st. Layer at<br>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  | 2 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

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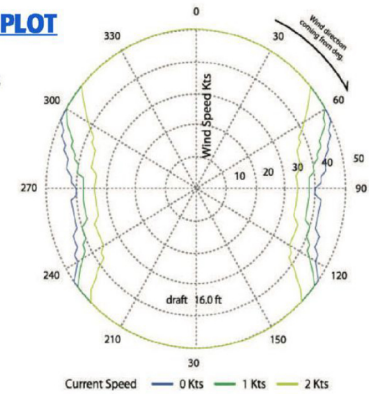


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## Dp Capability Plot

### 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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