

SEA DIAMOND

AHTS

DP II

SEA DIAMOND

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

Principal Particulars

Official No	SLR 10263
Call Sign	9LU 2276
IMO NO :	9394545
Port of registry	Free Town
Year Of Built	2009
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



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SEA DIAMOND
AHTS , 6779 BHP , DP2
DIESEL ELECTRIC

Machinery

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

Accommodation

Accommodations for	22 pers
Single cabins	4
2 man cabins	4
4 man cabins	2
Mess / day rooms, hospital, laundry, galley, stores, office. Fully air 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 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	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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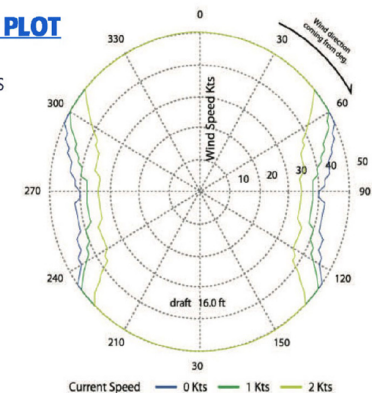


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DIESEL ELECTRIC

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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