

M.V 'RED SEA DIAMOND'
(4680 HP ANCHOR HANDLING TUG / SUPPLY VESSEL)



BREIF PARTICULARS :

Name of Vessel	M.V 'Red Sea Diamond
Flag	Panama
Class	ABS
Call Sign	HO-3818
BHP	4680 HP
Bollard Pull	40 Tons

(Please turn over for full description of the vessel)

M/V 'RED SEA DIAMOND'

4680 HP ANCHOR HANDLING TUG SUPPLY VESSEL

CHARACTERISTICS

Length Overall.....	51.44 M
Beam.....	12.19 M
Depth.....	4.27 M
Maximum Draft.....	3.65 M
Light Draft.....	2.06 M
Displacement at Maximum Draft.....	1666.24 T
Dead Weight.....	919.40 T
Clear Deck Space.....	30.4 x 9.4 M

CAPACITIES

Deck Cargo	530.7 T
Fresh Water	167.2 T
Ballast	422.2 T
Fuel Oil	291.9 T
Potable Water	43.9 T
Lube Oil	8.2 T
Bulk Tanks (6)	164.3 M ³
Liquid Mud (17 lbs/gal)	198.8 M ³
Walk-In Cooler	300 Ft ³

TOWING WINCH

Winch	SMATCO Dbld Drum WF
Model	66 DAW 200
Line Pull	250,000 Lbs
Capacity	2,550 Ft of 2.00 In
Tugger (1)	Electrohydraulic; Single Drum
Line Pull	10,000 Lbs
Stern Roller	5 Ft Dia w/ 8 Ft live section
Tow Pins	Manual

MACHINERY

Main Engines	(2) EMD 16-645E2
Horsepower	4680 HP
Gears (2)	Reintjes WGV-481 3:1
Propellers (2)	4 Blade; 93 x 76 In
Generators (2)	99 KW
Driven By	DD 8V71
Bowthruster	(1) 300 HP Driven by: DD 8V71
Thrust	3.8 T

VESSEL MOORING

Windlass	1.25 in Dbld Wildcat/Cathead
Anchor (2)	2,000 Lb Danforth
Chain (Per Side)	990 Ft of 1.25 In

ACCOMMODATIONS

State Rooms	
Total certified to carry	
Galley Seating	
Air Condition / Heating	Yes

PERFORMANCE

Speed vs Fuel consumption	
Maximum	13 Knots / 174 GPH
Cruising	11 Knots / 117 GPH
Economical	8 Knots / 67 GPH
Range (Knots)	11.0 Knots / 9,061 NM
Bollard Pull	40 Tons
<u>Transfer Rates :</u>	
Drill Water	91 T/H @ 49 m
Fuel Oil	77 T/H @ 49 m
Bulk Tanks	46 T/H @ 52 m
Drill Fluids	125 T/H @ 55 m

ELECTRONICS

VHF (3)	Sailor RT 2048; Sailor RT 4822
SSB	Furuno FS-1503
GMDSS – SATC	Sailor H2095C
Navtex	JMC NT-900
GPS	JMC GP-200
Radar (3)	Koden MDC-3560P
	Furuno RDP 118, Furuno FR 7061
Echosounder	JMC F-3000
Autopilot	Anschutz Nautopilot NP60
Gyro Compass	Sperry SR 130
AIS	CNS Systems
Public Address System	AHUJA

SPECIAL EQUIPMENTS

Fire Monitor	(1) 500 GPM
Engine Alarm	30 Pt Monitoring system
Rescue Boat	(1) Inflatable
Welding Machine	250 Amp
Fixed H ₂ S system	4 stations
Sewage Plant (1)	

REGISTRATION

Flag	Panama
Official No.	32582-07
Call Sign	HO-3818
IMO No.	7914597
Builder	Quality Shipyard, USA
Year Built	1979
Rebuilt & Modification	At AHI - May 2005
Tonnage : GRT	715.00 T
NRT	214.00 T
Classification	ABS