



وكالة الصقر للملاحة و نموين البواخر
ASAKER MARINE & SHIPPING AGENCY

M.V 'DIAMOND DISCOVERY'
(4750 BHP ANCHOR HANDLING TUG SUPPLY)



BRIEF PARTICULARS :

Name of Vessel	M.V 'Diamond Discovery'
Flag	Panama
Class	ABS + A1(E),Towing vessel, Offshore Support Vessel (AH) + AMS
Call Sign	HO 5629
IMO No.	9392418
BHP	4750 BHP
Bollard Pull	65.3 MT

(Please turn over for full description of the vessel)

تليفون : ٧٤٢٩٥٧٥ (٩٧١٦) (٤ خطوط)، فاكس : ٧٤٤٤٥٧٠ (٩٧١٦)، ص.ب : ٣٧٦٣، عجمان - الامارات العربية المتحدة
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M/V 'DIAMOND DISCOVERY'

4750 BHP ANCHOR HANDLING TUG SUPPLY

CHARACTERISTICS

Length Overall.....	48.0 M
Length BP.....	45.56 M
Beam.....	13.20 M
Depth.....	5.20 M
Design Draft.....	4.20 M
Deck Cargo.....	200 T
Clear Deck Area.....	225 M ²
Dead Weight.....	680 T

CAPACITIES

Drill Water/SWB	90 M ³
Fuel Oil	630 M ³
Fresh Water	230 M ³
Lube Oil	8 M ³

MACHINERY

Main Engines	2 x 2375 BHP – Caterpillar1600
Gear	Reintjes (2) Ratio 7.455:1
Steering Gears	2 Electro-hydraulic steering gear units of total 12 t. Remote control From wheelhouse

Propellers	2 x CPP 2300 mm Dia Berg
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Rudders	2 x Independent
Generators	Cummins : KTA19DM 1 - 3 x 380 HP@ 1500 RPM 380KW/415 4/50 hz
Bow Thruster	5mt thruster CPP motor driven

PERFORMANCE

Bollard Pull	65.3 T
Speed :	
Maximum	12.5 kts
Cruising	11.5 kts
Fuel Consumption :	@ 13 kts 0.7500MT/h @ 10 kts 0.6125 MT/h

Transfer Rates :

Fuel Oil	90 m3/hr @ 70m head
Potable Water	90m3/hr @ 75m head
Drill Water	75m3/hr @ 50m head

REGISTRATION

Flag	Panama
Builder	Sealink Shipyard, Miri
Year Built	2007

Tonnage : GRT	1039
NRT	311
Classification	ABS + A1(E),Towing vessel, Offshore Support Vessel (AH) + AMS
IMO No.	9392418

TOWING WINCH

Winch	1 x Plimsoll waterfall type 150 t
Brake Capacity	150 T
Tow Wire	1000 x 56 mm towing Drum
Tugger Winch	2 x 10 t @ 0.15 m/min

Stern Roller	SWL 150T 3.5 m x 1.6 m Dia
Capstan	2x5T x 0.15m/min Plimsoll
Tow Pins & Shark Jaws	Hydraulic 300 T, Max 114 mm Dia

Anchor Windless	4.9 T @ 11m/min Grade 2 stud line chain
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Anchors	2 x 1080 kg Stockless Anchors
Chain Cables	275 m long 34mm, U3grade

Deck Crane	2 x 6 m reach
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ACCOMMODATIONS

State Rooms	9 x 4 man cabins 1 x2 man cabins 2 x1 man cabins Total – 40 men
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ELECTRONICS

VHF (2)	Furuno FM 8800,1 x Icom IC-M424
SSB	Furno - FS 1570
Radars (2)	1 x ARP-FR2115,1 x Furno-OP118
GPS (2)	2 x Furno – GP 150
Echo sounder	1 x F – 3000 W
Speed Log	1 x GA-120
Autopilot	1 x Simrad - AP 45
GMDSS	Furno – INM-C
AIS	Furno - FA 150
Gyro Compass	1 x Meridian,1 x TG-8000
Gyro Compass Repeater	Simrad AR 78
Steering Control	Kobelt
Rudder Indicator	RIQ RA-05 (fwd/aft)
Magnetic Compass	1 x Daiko
Azimuth Circle	GFC 190-152
Anemometer	R M Yong - 06206
Navtex Receiver(2)	1 x JRC , NCR-333
Mini -M	JRC NQW - 267
Speed Log	1 x GA 120

SPECIAL EQUIPMENTS

Rescue Boat	1 x c/w 25 BHP Solas Approved
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Oily Water Separator	1 x Georim 500lt/hr @ 2kg/cm3
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Fresh Water Maker	5 Tons per day
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Oil Dispersant System	
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Sewage Treatment plant	1 x II Seung (40 man)
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External Fire Fighting System

FIFI 1	
Fire Pump	2xseawater @1500m3/hr@14 bar
Fire Monitor	2 xhandwheels.1200m3/hr