



وكالة الصقر للملاحة و نموين البواخر
ASAKER MARINE & SHIPPING AGENCY

M.V 'DIAMOND ASSISTOR'
(8000 BHP ANCHOR HANDLING TUG SUPPLY)



BRIEF PARTICULARS :

Name of Vessel	M.V 'Diamond Assistor
Flag	Panama
Class	ABS + A1(E),Towing vessel, Offshore Support Vessel (AH) FF Class 1 + AMS
Call Sign	HP 7571
IMO No.	9581265
BHP	8000 BHP
Bollard Pull	106 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 ASSISTOR'

8000 BHP ANCHOR HANDLING TUG SUPPLY

CHARACTERISTICS

Length Overall.....	51.0 M
Length BP.....	44.4 M
Beam.....	15.0 M
Depth.....	6.5 M
Design Draft.....	5.0 M
Working Deck Are.....	240 M ²
Displacement at Load Line.....	2654.10 T
Dead Weight.....	1225.54

CAPACITIES

Sewage Tank	3.69 M ³
Fuel Oil	1028 M ³
Fresh Water	234 M ³
Dirty Oil	6.30 M ³
Dispersant Tank	8 M ³
Foam Tank	8 M ³

Anchor Windless

Anchors
Chain Cables

1 Electro Hydraulic Anchor
windlass/winch of 8 tons pull at 10
m/min suitable for 24 mm dia chain
2 x 1440 kg HHP Anchors
275 m long 38 MM, U3grade

MACHINERY

Main Engines	2 x MAK 9M25
Gear	2970 kW @ 750 rpm
Steering Gears	2 Electro-hydraulic steering gear units of total 12 t. Remote control From wheelhouse

Deck Crane

1 unit Electro hydraulic telescopic type
marine crane 2.2 t @ 12m capacity fitted
on aft end of forecastle deck stbd side

Propellers	2 x 4 Bladed ZF CPP in fixed Kort nozzles
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Rudders	2 nos
Generators	3 x CAT C18 440/3/60 each 425 KW
Bow Thruster	1 electric motor driven c/w CPP propeller, 6 tons

ACCOMMODATIONS

State Rooms

3 x 4 man cabins
3 x 2 man cabins
2 x 1 man cabins
Total – 20 men

PERFORMANCE

Bollard Pull	Approx 100 tons
Speed :	
Maximum	13 kts
Cruising	10 kts
Fuel Consumption :	@ 13 kts 0.7500MT/h @ 10 kts 0.6125 MT/h
Transfer Rates :	
Fuel Oil	100 M ³ /h

ELECTRONICS

VHF (4)
SSB
Radars (2)
Inmarsat-C(2)
GMDSS Radio Handheld(3)
GPS (2)
Echo sounder
Doppler Speed Log
Autopilot
GMDSS
AIS
Dual Gyro Compass
Gyro Compass Repeater(4)
Steering Control
Rudder Indicator
Magnetic Compass
Azimuth Circle
Anemometer
Navtex Receiver
Weather Faxcimile

Furno – FM8800D/ Icom IC – M304
Furno - FS 2570
Furno – FAR-2117/2127
Furno – Felcom 15
Simrad Axix 50 GMDSS(2 Way VHF)
Furno - GP 150 / GP 32
Furno - FE 700
Furno DS-80
Simrad - AP 50
Furno – RC-1800T
Furno - FA 150
Simrad - GC 80/GC 85
Simrad - AR 80/81
Kobelt
Korea RA 05 (fwd/aft)
Saura Keiki T2869
Camon GFC 190
DEM16
Furno NX- 700 B
Furno FAX 408

REGISTRATION

Flag	Singapore
Builder	Yuxin Shipyard, China
Year Built	2010

Tonnage : GRT	1347
NRT	404
Classification	ABS + A1(E), Towing vessel, Offshore Support Vessel (AH) FF Class 1 + AMS
IMO No.	9581265

TOWING WINCH

Winch	1 Unit Electro hydraulic towing winch, 200 Tones brake holding, 150 T pull at m/min at 1 st layer on main deck. Double drum 58mm dia x 1200mtr x 1 58mm dia x 1200mtr x 1 2 x 10 t @ 15 m/min electro hydraulic tugger 6 m length x 1.5 m dia, 200 t swl 2 x 5 T @ 15/min hydraulic 200 T SWL (Close type)
Main Towing Wires	58mm dia x 1200mtr x 1
Spare Towing Wires	58mm dia x 1200mtr x 1
Tugger Winch	2 x 10 t @ 15 m/min electro hydraulic tugger
Stern Roller	6 m length x 1.5 m dia, 200 t swl
Capstan	2 x 5 T @ 15/min hydraulic
Tow Pins & Shark Jaws	200 T SWL (Close type)

SPECIAL EQUIPMENTS

Rescue Boat

Oily Water Separator

1 x 6 men semi-rigid dinghy/c/w
25 HP outboard motor
1 M³/hr pump and 15 ppm alarm
Installed in bilge system

Fresh Water Maker
Oil Dispersant System

5 Tons per day
2 dispersant spray boom 5 m length
with 5 nozzles @ 125 liter/min 5 kg/cm²
From each nozzles. Tank Capacity-8 M³

External Fire Fighting System

2 x fire pumps PTO from
main engines @ 1500 M³/hr
each, form/water fire
monitor with remote control
Tank Capacity – 8 M³

