

Vessel Specifications



Registration/Classification	
Owner	TOM Eastwind 365 Sdn. Bhd.
Operator	Two Offshore Marine Sdn. Bhd.
Flag/Port of Registry	Malaysia/Port Kelang
Year Built	2008
Builder	Nantong Tongbao Shipbuilding, China
Classification	Bureau Veritas
Notation	+ AI Accommodation Barge
Call Sign/Official No.	9MVP3/335724
IMO No.	8775077

Physical Parameter	
Length	111.324 m
Breadth	30.48 m
Depth	6.86 m
Draft	4.85 m
GRT	10,564 T
NRT	3,143 T
DWT	13,942 T

Cargo Capacity	
Deck Space	2,000 m ²
Deck Strength	20 T/m ²

Bulk Cargo Capacity		
Cargo	Storage	Discharge
Fuel Oil	1,030m ³	80 m ³ /hr@ 60 m head
Fresh Water	2,600m ³	100 m ³ /hr@ 60 m head
Ballast Water	8,000m ³	2 x 300 m ³ /hr@60 m head
Bilge		2 x 150 m ³ /hr@40 m head
Domestic FW & SW		4 x 30 m ³ /hr@70 m head

Mooring System		
Mooring Points	8 points	
Winch Drum	8 nos. single drum	Electro-Hydraulic
Winch Drive	Motor Driven	
Line Pull	70T	
Brake Capacity	120T	Static@1 st Layer
Anchors	9 nos.	10T (Delta Flipper)
Anchor Wire	8 Coils, 52mm SWR	1500 m (L)
Pennant Wire	9 nos., 52mm SWR	130 m (L) Each
Anchor Marker Buoys	9 nos. Foam Filled	2.4 m (L) x 1.6 m (W)
Tugger Winch	3 nos.	10 T (Engine Driven) 2 x 5 T (Motor Driven)

Helideck	
Sikorsky S92 or Equivalent	
Length	25.62 m
Breadth	25.62 m

Facilities (Accommodation, Working & Others)		
Accommodation		425 Persons
1-man Cabin	9 x 1	9 Persons
2-man Cabin	14 x 2	28 Persons
4-man Cabin	97 x 4	388 Persons
Client Office	3 nos.	
Barge Master Office	1 no.	
Conference Room	1 no.	20 Persons Capacity
Radio Room	1 no.	
Control Room	1 no.	
Hospital	1 no.	3 Beds
Dining Room (Officers)	1 no.	30 Persons Capacity
Mess Room (Crew)	1 no.	185 Persons Capacity
Laundry Room	1 no.	

TWO OFFSHORE MARINE SDN. BHD. (1206217-P)

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ACCOMMODATION 425 PAX / WORK / CONSTRUCTION / CONVERTIBLE PIPE LAY BARGE

Change Room	1 no.	
Recreation Room	1 no.	20 Persons (Officers) 48 Persons (Crew)
Indoor Games Room	1 no.	Board Games
Table Tennis Room	1 no.	2 Tables
Gymnasium	1 no.	
Pantry Room	1 no.	
Prayer Room	1 no.	
Dry Provision Room	2 nos.	
General Store Rooms	2 nos.	
Paint Store Room	1 no.	
Meat/Fish Chiller/ Vegetable Freezer	50m3 50m3	
Air Conditioning Unit	Comply to ILO 92, IMO Resolution	

Generators

Main Genset	Engine – 3 nos., Cummins KTA-38- DM Alternator – Stamford	Each 1000 KVA 440 V, 3 Ph, 60 Hz
Emergency Genset	Engine – 1 no., Cummins NTA 855-DM Alternator - Stamford	250 KVA 440 V, 3 Ph, 60 Hz

Machineries & Equipment

Air Compressor	1 no. (Motor Driven)	294 m3/hr (1 Cyl/1 Stage) @ 13 bar
FW Maker	2 nos. x 50 m3/day	Reverse Osmosis (Hansun)
Sewage Treatment Plant	2 nos. x 250 men, WCB 250	Jiangsu Nanjing Machinery, China
Oil Water Separator	1 no., (3 m3/hr, c/w 15 ppm alarm)	Shanghai Shijiu Shipboard, China
IOPP	Comply	
Workshop	1 no.	

Deck Crane

Pedestal Mounted Techcrane L500-160

Capacity	150 T
Boom Length	160 Ft (49m)

Communication & Navigation System

GMDSS Set	Area Comprising A 1, A2 & A3	
SSB Radio	1 no.	Furuno FS-2571T
Navtex Receiver	1 no.	Furuno NX700A
Inmarsat C	1 no.	Furuno Felcom 15
VHF Air Band Transceiver	1 no.	Icom IC-A-110
VHF Radio (Fixed)	2 nos.	Furuno FM 8800S with built-in DSC
Portable VHF Radio	3 nos.	ACR
Portable Marine VHF Radios	3 nos. 6 nos.	Motorola GP-328 Icom M32
Intercom & PA System	Entire Barge	
Aero VHF	3 nos.	Icom (IC-A4E, IC A24, IC - A5)
Satelite Phone, Fax & Email	One - FBB 500	Sailor, Thrane & Thrane
GPS	1 no.	Furuno GP150

Radar	1 no.	Furuno FR-062
Gyro Compass	1 no.	Raytheon Anschutz
Magnetic Compass	1 no.	Portable
Echo Sounder	1 no.	Furuno FE700
Wind Dir. & Wind Speed Indicator	1 no.	Wind Tracker, Navalynx
Anemometer & Clinometers	Walker P1 249 & QB55 - 200	John Lilley & Gillie Ltd & Pendulus Inclinometer – QZ 70

Barges also fitted with PA Talkback System and Sound Powered Telephones & CCTV Systems

Safety (FFA & LSA)

FFA as per SOLAS:

Fire Pump	1 no. (Electric Driven)	300m3/hr@90m Head
Emergency Fire Pump	1 no. (Engine Driven)	300m3/hr@90m Head
Fixed Foam Fire Fighting	Foam Tank Capacity: 400 litres	For Helideck
Fire Monitors	2 nos.	140m3/hr@7 bar
Fire Hydrants	51 nos.	As per FFA Plan
Intl. Shore Connection	1 no.	As per FFA Plan
Fixed CO2 System for generator room	Area Protected: Generator Room, Paint Store & Galley Duct	Sinoking
Automatic Water Sprinkler System	Area Protected: Entire Accommodation Area, Paint Store, Galley and Workshop	1 x 150m3/hr@80m head
General Alarm, Fire Detection System	Area Protected: Entire Barge	

LSA (As per SOLAS):

Rescue Boat	1 nos.	6 persons Cap.
Life Raft	36 nos. (25 men capacity)	Total Cap. 900 persons (both sides)
Life Jackets	638 nos.	150 % of the maximum POB carrying capacity
Life Buoys with MOB	2 nos.	Mounted as per Barge Safety Plan
Life Buoys with SI Light	10 nos.	Mounted as per Barge Safety Plan
Life Buoys with Line	2 nos.	Mounted as per Barge Safety Plan
Life Buoys	6 nos.	Mounted as per Barge Safety Plan
EPIRB	1 no.	ACR RLB 32
SART	2 nos.	ACR Pathfinder 3
Line Throwing App.	2 Sets Comprising of 4 Cartridges Each	Hundai Marine Signals Mfg.Co.Ltd.

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