



AIMS-GLOBAL SHIP MANAGEMENT SDN BHD (1490217-V)

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MV AISHAH AIMS 1

GENERAL

Type of Vessel : Utility / Personnel Carrier
Owner : Aims-Global Engineering Sdn Bhd
Call Sign : 9MLT6
Official Number : 334345
IMO Number : 9627382
MMSI Number : 533001420
Built : 2010
Builder : MSET Shipbuilding Corporation Sdn Bhd
Designer : Sasaship Pte Ltd
Classification : Bureau Veritas (BV)
Notation : Class 1 *Hull* Machinery Special
Service (Utility Craft) Tropical Zone
Flags : Malaysia
Gross Tonnage : 438 MT
Net Tonnage : 131 MT

MAIN CHARACTERISTICS

Length Overall : 44.75 m
Length W.L : 42.80 m
Beam Moulded : 9.60 m
Depth Moulded : 4.20 m
Designed Draft : 2.75 m
Draft Extreme (approx) : 3.350 m
Deck Strength : 5 MT/M²
Clear Deck Space : 150 M²
Loaded Displacement : 690 MT
Lightship : 300 MT
Deadweight : 390 MT
Towing Capacity : 20 MT

TANK CAPACITY

Fuel Oil : 314 M³
Fresh Water : 123 M³
Cool Room : 3.6 M³
Fuel Oil Transfer : 60 M³/hr
Fresh Water Transfer : 30 M³/hr

PROPULSION MACHINERY

Main Engines : 2 x Cummins KTA50M2 of 1600
Bhp @ 1800 rpm
Horse Power : 2 x 1600 BHP
Marine gearbox : 2 x Reintjes WVS 730/1L
Propulsion : 2 x Mentrade Fixed (Fabricated)
Bow Thruster : 1 x Fixed Pitch 3T HRP 2001 TT, motor driven,
Fluidmecnica, Hmh 750 200
Rudders : 2 x Mentrade Rudder System
Steering Gear System: 1 x Palmarine 1.4t-m, Electro-Hydraulic, Twin
Cylinder with Connecting Rod

AUXILIARIES

Main Generator : 2 x Cummins 6 CTA8.3D(M) IMO
Compliant @ 120 kW (150 kVA),
1500 rpm
Harbour Generator : 1 x Cummins 4BT3.9D(M) 45 kW
(56 kVA @ 1500rpm)

PERFORMANCE

Maximum fuel consumption (100%) : 542 ltrs/hour
Speed at 100% MCR : 15.0 knots
Economical fuel consumption (85%) : 460 ltrs/hour
Speed at 85% MCR : 13.0 knots
Endurance : 34 days
Range : 8800nm @ 13.0 knots

ACCOMMODATION

Accommodation : 30 Berths with fully air-conditioned cabins
Cabins : (2 X 1-man, 7 X 4-men)
Crews : 10 Berths
Passenger : 49 passenger seats of reclining Aircraft
Business Class type complete with safety belts
Sick Bay : 1 unit
Table : 2 Units



DECK MACHINERY

Anchor Windlass : 1 x Plimsoll, drum pull 1.2T x 10m/min
Tugger Winch : 1 x Plimsoll rated pull 5T x 15m/min
Electric Capstans : 2 x Plimsoll rated pull 3T x 15m/min
Bollards : 6 x 150mm Dia. Double Bitt
Mooring Ropes : 4, 2 fitted at Bow and 2 fitted at Midship, Port & Stbd
Towing Hook : 1 x 20 MT Straininstall Amts Denmark, Towing Hook
SWL 200 kN

OIL POLLUTION EQUIPMENT

Cargo Capacity for Dispersant : 2 x 5.89M³
Pump Capacity for Dispersant : 14 M³/Hr (Pump 1)
: 3 M³/Hr (Pump 2)

Spray Arms Length : 6 m

FIRE FIGHTING EQUIPMENTS

Fire pump : 1X Tetra Fire 1200 M³/hr@120M
Emergency Fire Pump : 1 x Ompe Gabarino, Centrifugal Pump,
MU 32-160 A
Fire Monitor : 1X Tetra Fire 1200 M³/hr@120M
Fire Extinguisher System : Fixed CO₂ for Engine Room
Fire Hydrants and safety : In accordance with latest Classification and
Government Authority
Bilges Pump : 1 x 30M³/Hr @ 30m head, Ompe Gabarino,
Volumetrical pump, P 35

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS : Furuno for Area A1&A2
Gyro Compass : 1 x Simrad (RGC 50) with 2 repeaters
Auto-pilot : 1 x Navico Holding AS, EGERSSUND,
AP50
Radar : 1 x Furuno 1932 MK2 &
1 x Furuno FR 1505 MK3
Video Sounder : 1x Samyung (SES 200N)
Search & Rescue Radar Transponder: 2 x McMurdo S4
EPIRB : 1 x Samyung, SEP-500 GPS EPIRB
Navtex Receiver : 1 x Furuno NX 700A
Weather Facsimile : 1 x Furuno FAX-408
Global Positing System (GPS) : 1 x Furuno GP 150
Automatic Identification System : 1 x Furuno FA 150
CCTV : 6 x Night vision cameras at various
locations
Sewage Treatment Plant : Sea Clean II N400E
Food Waste Grinder : As fitted
Automatic Identification System : Furuno
PA System : AiPhone

LIFE SAVING EQUIPMENT

4 X 25 Men Inflatable Liferafts
4 x 37 Men Inflatable Liferafts
6 x Workvest Sea Horse USA Model
6 x Lifevest Safeguard 198RT
Scrambling net on each side of Rescue Zone
2x 1000kW Search light, 1 fitted at fwd and aft
1 x 6-men Semi-rigid complete with 1MT SWL Knuckle Boom
Crane with 25 HP outboard engine