



Aims -Global Ship Management Sdn. Bhd. (1490217-V)

No. 20 & 21, Block B, Bestari Centre,

Jalan Hiliran, 20300 Kuala Terengganu, Terengganu Darul Iman.

Tel : +609-622 8848 Fax : +609-623 8848

E-Mail : aims@aimsglobal.com.my

GENERAL

Type of Vessel	: Utility / Personnel Carrier
Owner	: Aims-Global Aishah Four Sdn Bhd
IMO Number	: 9710610
Year Built	: 2010
Year Delivery	: 2016
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	: 438T
Net Tonnage	: 131T
Port of Registration	: Port Kelang, Malaysia

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	: 2.40 m
Draft Extreme (approx)	: 3.350 m
Deck Strength	: 5 MT/M ²
Clear Deck Space	: 118 M ²
Loaded Displacement	: 690 MT
Lightship	: 300 MT
Deadweight	: 390 MT
Towing Capacity	: 20 MT

TANK CAPACITY

Fuel Oil	: 314 M ³
Fresh Water	: 123 M ³
Cool Room	: 3.6 M ³
Fuel Oil Transfer	: 30 M ³ /hr at 30 m
Fresh Water Transfer	: 30 M ³ /hr at 30 m

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 or Twin Disc MGX6848SC
Propulsion	: 2 x Mentrade Fixed (Fabricated)
Bow Thruster	: 1x Fixed Pitch 3T HRP 2001 TT, Fluidmechanica, Hmh 750 200, motor driven
Rudders	: 2 x Mentrade Rudder System
Steering Gear System	: 1 x Palmarine 1.4t-m, ElectroHydraulic, Twin Cylinder with Connecting Rod

AUXILIARIES

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

PERFORMANCE

Maximum fuel consumption (100%)	: 460 ltrs/hour
Speed at 100% MCR	: 15.0 knots
Economical fuel consumption(85%)	: 350 ltrs/hour
Speed at 85% MCR	: 13.0 knots
Endurance	: 34 days
Range	: 8000nm @ 13.0 knots

OIL POLLUTION EQUIPMENT

Cargo Capacity for Dispersant	: 2 x 5.89M ³
Pump Capacity for Dispersant	: 14M ³ /Hr (Pump 1)
	: 3M ³ /Hr (Pump 2)
Spray Arms Length	: 6 m
Bilges Pump	: 1 x Ompe Gabarino, Volumetrical

MV AISHAH AIMS 4



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 x15m/min
Bollards	: 6 x150mm 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

FIRE FIGHTING EQUIPMENTS

Fire pump	: 1X Tetra Fire 1200 M ³ /hr@120M
Emergency Fire Pump	: 1 x Ompe Gabarino, Centrifugal Pump, MU 32-160 A
Fire Monitor	: 1X Tetra Fire 1200 M ³ /hr@120M
Fire Extinguisher System	: Fixed CO ₂ for Engine Room
Fire Hydrant and safety	: In accordance with latest Classification and Government Authority

ACCOMMODATION

Accommodation	: 29 Berths with fully airconditioned cabins
Cabins	: (1 X 1-man, 2 X 2-men, 6 X 4-men)
Crews	: 10 Berths
Sick Bay	: 1 unit
Chart Room	: 1 x complete with workstation
Acquisition Room	: 1 x complete with workstation
Surau	: fit for 3-5 personnel at one time
Meeting/Recreation room	: 2 x Dining table with 13 personnel seats of reclining Aircraft Business Class type
	: 2 x LED TV
	: 1 x Karaoke Set

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, EBERSUND, AP50
Radar	: 1 x Furuno 1932 MK2 & 1 x Furuno FR 1505 MK3
Echo 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 & 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 4-men Semi-rigid complete with 1MT SWL Knuckle Boom
Crane with 25 HP outboard engine