

AHT ARIES

CLASSIFICATION & REGISTRATION

| | |
|-----------------|---|
| Year Built | 2013 |
| Flag | Sri Lanka |
| Call Sign | 4RCS |
| Official Number | 400532 |
| IMO Number | 9663805 |
| Type | DP I |
| Dynapos | AM/AT |
| Class Notation | ABS AI ,Towing Vessel ,AH ,FFV I ,AMS ,DPS-I |

DIMENSIONS

| | |
|-----------------|-------|
| Length O.A | 48M |
| Breadth Moulded | 12.8M |
| Depth Moulded | 4.6M |
| Draft, Summer | 4M |
| Gross Tonnage | 795 T |
| Net Tonnage | 238 T |

CARGO CAPACITIES

| | |
|-----------------|---------------------|
| Cargo Deck Area | 210M ² |
| Deck Cargo | 100 MT |
| Max Load | 5T / M ² |
| Portable FW | 230 M T |
| Fuel Oils | 550 MT |

MACHINERY / PROPULSION

| | |
|----------------|----------------------------------|
| Main Engine | CAT 3516 C 1600 RPM, 2 x 1566 KW |
| Propellers | Twin Controlled Pitch Propellers |
| Bollard Pull | 51.10 T |
| Bow Thruster | 5T |
| Stern Thruster | 5T |

Generators

| | |
|----------------------------------|--|
| Main (Caterpillar Engine Driven) | 2 x 450 KW (415V/50Hz) |
| Shaft (Cummins Engine Driven) | 2 x 650 KW (Stamford) Emergency 1 x 65 KW |
| Speed | 12 Knots |
| Rudders | Twin Steam Rudders |

CARGO PUMPS AND DISCHARGE RATES

| | |
|---------------------------|--|
| Fire Pump | 1200M ³ /hr (02 nos with foam and water curtain system) |
| Fire Monitors | 04 Nos |
| Portable Water & Fuel Oil | 80 M ³ /Hr |
| Submersible Pump | 02 Nos |

ANTI OIL POLLUTION/ DISPERSANT SYSTEM

Bow Throw Nozzle Type: 2 Nos Port & STBD Throw up to 10 Meters



REFRIGERATED STORAGE CAPACITY

| | |
|------------|------------------|
| Cool Room | 12M ³ |
| Cold Store | 12M ³ |
| Lobby | 07M ³ |

NAVIGATION EQUIPMENT

| | |
|------------------|---|
| Drum Capacity | SA 10, Saura Keiki Seisakusho Company LTD |
| Radar 1 | JMA 5312-6, JRC |
| Radar 2 | JMCA 2300 MK2, JRC |
| Echo Sounder 1 | JFE-380 |
| Magnetic Compass | SI741, Saura Keiki Seisakusho Company LTD |
| Gyro Compass | Yokogawa |

COMMUNICATION EQUIPMENT (GMDSS COMPLIANT A3)

| | |
|-------------------|---------------|
| Radio Telephone | JMA5312-6/jrc |
| MF/HF Transmitter | |
| MF/HF Receiver 1 | JRC |
| Watch Receiver | JRC |
| VHF 1 | JHS770S/JRC |
| VHF 2 | JHS770S/JRC |
| EPIRB | MCMURDO |
| Intl Comm. System | HUAYAN |
| Walkie-Talkie | 05 Nos/Entel |

DECK MACHINERY

| | |
|------------------------|--|
| Towing/ A.H Winch | Hydraulic Double drum (waterfall type) |
| Tow Wire | Main Tow Wire 1000m x 54mm |
| Winch Break Load | 200 T |
| Tugger Winch | 2 Units Each T |
| Capstans | 2 Nos Each 5T |
| Windlass | Electro Hydraulic 5T @ 12M/Min |
| Anchor and Chain | 780kg/ 28mm |
| Shark/ Jaw Towing Pins | 200 T |
| Deck Crane | 5T @ 10M |
| Stern Roller | 200 T/ 3.5m Width/ 1.5m Diameter |

Hydraulic Control for 'A' Frame and additional machinery available.

ACCOMMODATION

| | |
|------------|-----|
| Crew | 14 |
| Passengers | 8 |
| Total | 22 |
| Mess Room | Yes |