

# Thor Assister

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Thor Assister, escort/support ship, built in Uexin Shipbuilding Company, China in 2005. Classed DNV-GL

## SPECIFICATIONS

### Name:

M/V Thor Assister

### Call sign:

OZ 2061

### Home port:

Hósvík, Faroe Islands

### Flag:

Faroese

### MMSI:

231013000

### IMO no:

9358618

### Class:

DNVGL + A1

### Built:

2006

### GT:

675

### NT:

202

### DW:

508.21 MT

### Light ship weight:

768.4 MT

### LOA:

45.00 m

### LBP:

39.40 m

### Breadth moulded:

11.80 m

### Depth moulded:

### Cargo on deck:

- Deck cargo: 180 t
- Deck area: 220 m<sup>2</sup>

### Bollard pull:

50 ton

### Accommodation:

- 28

### Deck equipment:

- Deck crane: 1 x Palfinger Marine PK18+8+ MC Outreach 12,5m SWL 1,14T@12,5m
- Anchor winches/windlass: 1 x electro-hydraulic Mentrade MM1020-HAW-GA-001
- Towing hook: Mampaey Quick Release 75 SWL
- Davits: Vest Davit 10T
- Gypsies: Suits for 28 mm (Ø) chains. Rated pull 5 mt @ 12 m/min
- Bow anchors: 2 x 1020 kgs stockless anchors
- Chains: 357.5m total length, 28 mm dia.
- Stern Roller 3.5m (L) x 1.5 m (Ø); SWL 80 mt

### MOB boat:

- 1 x 6 men Neuvisa RR-40 inflatable c/w outboard motor

### Sewage Treatment plant:

1 x 20 men/day; WCB-20

### Safety Equipment:

- Liferafts: 4 x 25 men Viking inflatable type
- Lifejackets: 56 x Viking lifejackets
- Immersion suits: 56 x Viking immersion suits
- Other: search lights 2 x 1500 W halogen, floodlights 5 x 1000 W halogen

### Firefighting equipment:

4.60 m

**Draft:**

3.80 m

**Main engine:**

2 x 1495 kw (2 x 2000 bhp) @ 1600 rpm Caterpillar 3516B

**AUX. engine:**

3 x Caterpillar 3406C : 349BHP

**Generators:**

3 x 245 kw @ 1500 rpm Caterpillar 3406C 415 V/3 Ph/50 Hz

**Speed:**

- Max speed: 11m3/ 24h @ 12 knots
- Economy speed: 4m3/ 24h @ 10 knots
- Chase speed: 2m3/ 24h @ 4.3 knots

**Propellers:**

Twin screw FPP in Kort Nozzles

**Rudder:**

2 x high performance streamline type

**Steering gear:**

2 x Kobelt; 3 TM; 2 x 35 deg rudder angle

**Thruster:**

1 x 350/kw electric driven Schottel STT170LK tunnel type (FPP); 5T thrust

**Water generator:**

ABC Elettromeccanica

**Bunkers:**

- Fuel: 480 m3

1 x 1200 m3/hr @ 13 bar Unitor SEP250x350 driven by front PTO of port M/E. 2 x 600 m3/hr. Unitor FJM-150/K-EL. 1 x 35 m3/hr @ 30 m head. Azcue. CO2 system in the engine room.

**Radio and navigation equipment:**

**GMDSS equipment:**

A3 Furuno FS-1570 150W MF/HF SSB Transceiver.

2 x Furuno FM-8500S VHF-DSC Transceiver.

2 x Sailor 6215 VHF-DSC Transceiver.

Furuno NX-500 Navtex Receiver.

2 x Furuno Felcom-15 Inmarsat-C.

2 x Furuno PP-510 Printers.

SSAS IC-307 for Furuno Felcom-15.

McMurdo E-5 EPIRB.

McMurdo E-5 EPIRB hydrostatic release.

2 x McMurdo S4 SART.

3 x Icom IC-GM 1600 portable GMDSS VHF's

**Radars:**

2 x Furuno FAR-2117 ARPA

**Echo sounder:**

Furuno FE-700.

**Navigation:**

Furuno FA-170 AIS transceiver.

Furuno GPS GP-90. MaxSea.

Furuno DS-80 speed log

MaxSea Chart plotter

**Gyro and Auto Pilot:**

Simrad Gyro-compass GC-80 master compass.

Furuno SC-502 Satellite Compass.

2 x Simrad AP50 Autopilot.

Saura MR-165 C Magnetic Compass

**Bridge Alarm:**

UniSafe Bridge watch alarm

**Other:**

Vessel also fitted with Vingtor PA Talkback system and Self-Powered telephones

**Pumps:**

- Fuel oil: 1 x 50 m3/hr @ 50 m head; Azcue
- Fresh water: 2 x 50 m3/hr @ 50 m head; Azcue
- Seawater ballast pump: 3 x 50 m3/hr @ 35 m head; Azcue

**Oily water separator:**

1 x 0.5 m3/hr c/w 15 ppm alarm; CYF -0.5

**Communication:**

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