M/V THOR MODI

Well-equipped escort/support vessels

Thor Modi, purpose built support/escort ship, built in 2015 in Besiktas Shipyard, Turkey. Classed: DNV

SPECIFICATIONS

Name
M/V Thor Modi

Call sign
OZ2227

Home port
Torshavn

Flag
Faroe Islands

MMSI
231912000

IMO no
967 9036

Class
DNV *1A1, EO, SF, SPS, CLEAN DESIGN, NAUT-AW, ICE-1A, RP, BWM-T,TMON, RECYCLABLE

Built
2015 Besiktas Shipyard

GT
2089

NT
627

LOA
64.40 m

LBP
57.60 m

Beam
14.50 m

Breadth moulded
14.50 m

Depth moulded
7.20 m

Depth boat deck
9.90 m

Depth main deck
7.20 m

Draft
5.70 m max

Main engine
4 x 1000 kW Yanmar, 6EY22ALW

Cargo on deck
- Deck cargo: 5 T/M2
- Deck area:: 25.8 x 12.1 m, Ca. 300 m2 Cargo Space

Bollard pull
50 TONNES

Accommodation
- Crew: 8 x 1 man
- Extra berths: 2 x 2 men, + 48 berths
- Extra people allowed on board: 52 (Total 60 persons incl, crew)

Deck equipment
- Deck crane: A-LIFTING 12T SWL 2,3-10M - 10T SWL 2,3-17M
- Rope winch: DMT 200M /6 LAYER 10 KN
- Capstan: DMT 50 KN (3 PIECES)
- Anchor winches: DMT 61.5 KN 101-H36K3 (2 PIECES)
- Towing hook: MAMPAEY 50/65 T
- Gypsies: Ø36
- Bow anchors: YAPAS 2850KG SPEK TYPE ANCHOR
- Chains: 27.5 x 8 m, same length both sides
- Re-fueling unit: MB Hydraulikk with Fuel and Lube drums

Davits
2 x VESTDAVIT - MOB PLR 7000 & PLR 15000

Sewage Treatment plant
JETS VACUUM - ECOMOTIVE for 60 persons

Rescue boat
MARITIME PARTNER -ALUSAFE 770 MK II TWIN

Additional Rescue Equipment
Dacon Rescue Scoop model RSA700,7 x 10m

Safety Equipment
- Liferafts: RFD MODEL Endura R 7x25 PERSON , 1x16 PERSON
- Life-jackets: VIKING SOLAS RIGID LIFE JACKET 64 ADULT, 2 CHILD
- Immersion suits: VIKING PS 5002 64 Suits

AUX. engine
260 kW, Scania DI12 62 M

Generators
4 x 1250 KVA Hyundai 1250. AC 690 V, 1045.6 Amp, 60 HZ

Speed
- Max: 19.56 m3/ 24h @13.7 knots
- Economy: 9.6 m3/ 24h @ 10.8 knots
- Escort: 3.5 m3/ 24h @ 4.5 knots

Propellers
BERG PROPULSION BCP760 F (2 PIECES)

Rudder
ROLLS ROYCE FM (2 PIECES)

Steering gear
ROLLS ROYCE SR622 FCP (2 PIECES)

Thruster
SCHOTTEL PUMP JET TYP SPJ 132 RD-L 650 kW

Water generator
ENWA MT 20 TSRH

Bunkers
- Heavy Fuel 1104 Cbm, Diesel 437 Cbm
- Lubes: 19 Cbm
- Fresh water: 75 Cbm

All specifications given without guarantee and subject to changes

FRC safety equipment
- FRC working suits: Ursuit RDS Orange 4 Suits
- Inflatable lifejackets: Crewsaver Crewfit Twin 275N 6 Lifejackets

Firefighting equipment
Water Mist Fire Suppression System

Radio and navigation equipment
- GMDSS equipment:
  FURUNO, RC 1800T
- Radar:
  FURUNO, FCR 2819-BB
  Furuno FCR2839S
- Thermal Cameras
- Sea AI Camera
- Echosounder and speed-log:
  Echosounder FURUNO, FE-700
- Speedlog FURUNO DS-60
  Gyro / autopilot:
  ANSCHUTZ, 108-010 (2PIECES)
- Bridge alarm:
  ULSTEIN
- Acoustic Doppler Current Profiler:
  NORTEK
- GPS:
  2PCS FURUNO GP-170

Pumps
- Fuel Oil: ALLWEILLER, IEC 250M-2, 189M3/H 5 BAR (Heating capacity max 60 deg.C) (2 FOR HFO + 1 FOR MDO)
- Urea: an ALLWEILLER, TRILUB 140 R 46 w 115 (5.5kW) to be installed
- Seawater ballast pump: ALLWEILLER, NB65-160IEC132M,80M3/H 2.5 BAR

Oily water separator
DVZ 500 FSU oilchief.

Communication
- Email Sat: thormodi@thor.fo
- E-Mail Captain: thormodi.captain@thor.fo
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