



MV TETHYS SUPPORTER TECHNICAL SPECIFICATIONS



ocean  **Odysseys**
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The MV Tethys Supporter is a 36-metre support vessel with multiple capabilities for at-sea operations. With a reliable track record dating back to its time in the Swedish Coast Guard as a pollution control vessel, ample workspace on its back deck. The vessel is suitable for any number of offshore support functions.



MV Tethys Supporter Specifications

Vessel Details

Dimensions (Length/Beam/Draft): 36m/8.5m/2.8m
Molded draft: 4.2m
Air Draft: 19 m
Tonnage: 290 GT / 87 NT
Displacement: 346 tons

Hull Construction: Steel, Aluminum superstructure
Built: 1978 by: Lunde Skipsverft for Swedish coast guard.
Used by Swedish coast guard Up to 2010
Renovated 2011 for Hosvik shipping in Norway
Modified 2013 for work in tropical weather.

Inspections/Certifications: Classification Society RINA (Ice, salvage, utility, cargo handling equipment)
Fully compliant with flag state regulations/requirements
Member of International P&I club

Propulsion & Power

Main Engines (2): B&W Alpha 406 - 26VO,
1320 Hp @ 413 RPM
Gears (2): B&W
Propellers (2): Alpha variable pitch propellers
Bow Thruster: Ulstein 24 T - 1000 mm - 200 HP
Generator 1: 205 KW (216 KVA) Stamford MHC
434E generator driven by Volvo
TAMD 120 AHC
Generator 2: 180 KW (172 KVA) AVK generator
Driven by Scania D 11 MO1 NV



MV Tethys Supporter Specifications

Speed, Economy & Capacity

Cruising Speed:	8NM
Maximum Speed:	10NM
Diesel Capacity:	100,000L
Consumption at 8NM: (Peak speed/consumption ratio)	2,400L per day
Consumption at 4-5NM:	1,800L per day
Consumption on Genset only:	600L per day
Fresh water:	23 m3 + 2 x desalination plants 120/liter/hour
Grey water:	5 m3
Ballast:	12.2 m3 in bow, 14.6 m3 aft
Cooling water tank for use In ice conditions:	8.8 m3
Used oil tank:	4.3 m3
Foam tank:	1.55 m3

Deck Equipment

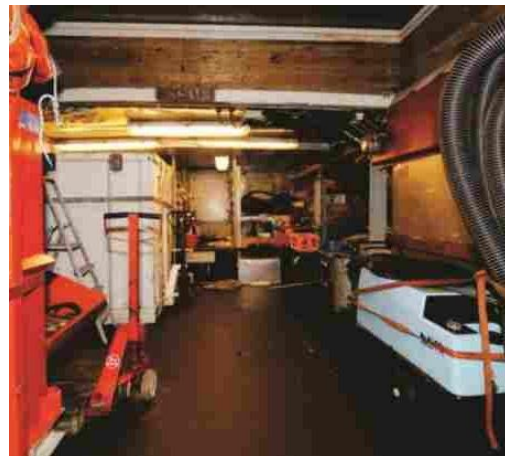
Deck space aft:	126m2 (about 15.96 x 7.9 meters gross)
Cargo hatch, hydraulic:	Free opening L= 4m, B=3m, 84m
Cargo hold:	49 m2 floor space. Max L=9 m
Hiab sea-crane 200:	9.400 kg@ 2 meters outreach with wire winch and radio remote control. Crane is man-riding
Hiab Sea-crane 180:	9.000 kg@ 2 meters outreach with wire winch and radio remote control. Crane is man-riding
Stern-roller:	3 x 0.3 m stern-roller
Hydraulic capstan	
Container locks:	Fastening for 2 x 20' container on deck
Puller:	14 pc
Control room/Dry Lab:	On main deck facing aft for 2 persons

Winch on A-Frame

Winch Type:	Hydraulic Winch
Capacity:	4.5 TONS
Cable length:	50 Meters
Winch Speed:	30 meters/minute

Winch on Deck

Winch Type:	Electro-mechanical Winch
Capacity:	5.5 TONS
Cable length:	150 Meters
Winch Speed:	10 meters/minute with variable speed control



MV Tethys Supporter Specifications

Navigation & Communications

Radar 1: Furuno FR 2115 ARPA 21' display
Radar 2: Furuno FR 1505 ARPA 15' display
Autopilot 1: Simrad AP70
Autopilot 2: Simrad AP70MK2
Gyro: Robertson RGC 50 gyro compass
GPS compass: Furuno GPS compass with Furuno RD-30 repeater
Magnetic compass 1: Plath 100 mm magnetic
Magnetic compass 2: Bergen Nautic 150mm
Echo-sounder: Furuno FCV-620 echo-sounder
Navtex: Furuno NX-500 Navtex
AIS: Simrad AI-80

Navigation computer (2): Trancas ECS Navisher 3000 with dual displays
Signal controller: Kockums TI40

Satellite communication: 2x Inmarsat C Felcom 18 for GMDSS A3
Satellite communication: Simrad Fleet 55 Sat Com
Satellite communication: Fleet broadband 150 -Email, Internet, Voice
Internal communication: Ampildan Commander Intercom
Motorola MCS 2000 internal radio: x5
Radio communication: GMDSS A1 + A2+A3
SSB radio x 2: SPERRY RE 2100 / SPERRY COMPACT
VHF DCS TRANSCEIVER: x 6
VHF portable radio: x 3
Portable Sat phone: x 1s



MV Tethys Supporter Specifications

Health, Safety & Environment

Although less than 500 gross tons, the vessel/company follows ISM codes according to ships exceeding 500 tons. The vessel has an SMS (safety management system) manual detailing procedures for a variety of HSE regulations and best practices.

Safety and Security

- Life raft Viking 2 x 12 pax + 2 x 16 pax
- Life Jackets X 38
- Life rings X 5
- Man overboard X 1 smoke/light + 3 light
- EPIRB x 2 E SA SMARTFIND
- SART x 2 RESCUER and TRON
- Intercom and announcing systems
- Closed circuit TV (Decks/Eng room)
- CLS
- Rescue zone on port side

Fire monitor on top deck

- 120m³/hour. Foam tank 1, 55m³

CCTV camera

- On aft deck

Norse searchlight

- Remote controlled

Fire alarm system

- Servoteknikk BMS-904 alarm central

Tender Configurations

Mob boat

- Avon 5.4 meters with 1 x 65 HP Yamaha

Security/work boat

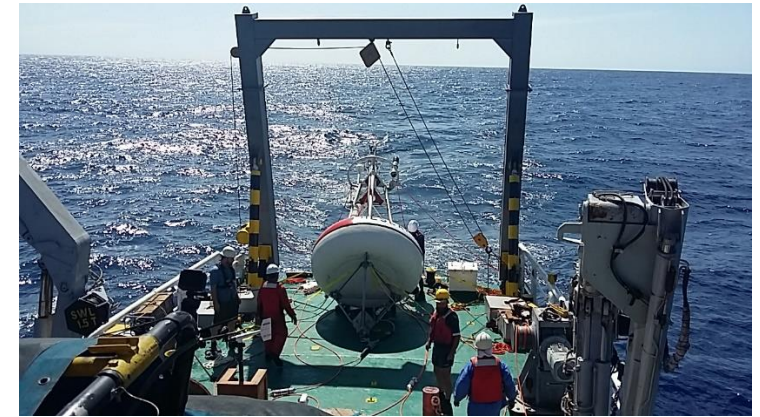
- NPT 6 meters with 2x 55 HP Yamaha



MV Tethys Supporter Specifications

Accommodation & Facilities

Scuba Diving Facilities	10 dive tanks 5 full sets of dive equipment 1 dive compressor
Crew	9 crew members
Accommodation	Comfortable fully AC accommodation for up to 11 additional personnel (plus separate crew quarters)
Galley Seating	10 Persons
Other facilities	Fully Air-conditioned dining room/saloon, TV, DVD, music system, washing machine and dryer



MV Tethys Supporter General Arrangements

