The M.V. Fugro Supporter is a multipurpose survey vessel owned by PT Suar Samudera Abadi, and operated by Fugro Marine.

Fitted with state-of-the-art geophysical and geotechnical equipment, this full-ocean depth vessel specializes in cable route surveys and is a versatile platform capable of deploying work class ROVs, AUVs, and both 2-D and 3-D High Resolution seismic spreads.

The vessel offers excellent deck handling facilities including a 15t A-frame and 12t deck crane. It has comfortable accommodations for 47 personnel with all cabins offering on-suite facilities, plus an extensive survey laboratory and client office space.

Equipped and capable of launching her own survey workboat, the M.V. Fugro Supporter is also well suited to conduct nearshore and coastal survey work in very shallow waters in support of larger offshore survey projects.

The vessel is available in the Southeast Asian, Pacific and Indian Ocean regions for all fields of work including submarine fiber optic and power cable route surveys, oil and gas industry survey services and various tasks in support of research and government agencies.
M.V. FUGRO SUPPORTER

Technical specifications

General info

Name Fugro Supporter
Classification society Lloyd's Register 100A1 Ice Class
1A+LMC Special Purpose
SPS 2008 / MLC 2006
Flag state / Port Indonesia / Jakarta
Build 1994, Factorias Vulcano, Spain
IMO / Cal sign 8518364 / JZKY
MMSI Number 503005000

Dimensions

LOA 75.4m
Beam 12.5m
Draught (summer) max. 5.3m
Tonnage 2065T
Deck area aft 300m²
Deck strength 5T / m²
Deck load 81.6T

Accommodation

Cabins one & two berth cabins, all with private facilities
Crew (Typical) 18
Passengers 29
Communal facilities Cafeteria style mess, lounge, TV and games room,
laundries, gymnasium, hospital

Machinery

Propulsion Diesel Electric 2 x 800 kW AC (electric)
Bow thrusters 1 x transverse bow thruster 883 kW
2 x transverse stem thruster 250 kW
Cruising speed 10 kn
Survey speed Variable as required
Maximum speed 12 kn

Engines

Main 3 x Caterpillar each producing 920 kW/1240 HP
Auxiliaries 1 x Cat 240 kW, 1 x Cat 67 kW

Electrical power

Diesel generator 415/240V, 50 Hz

Laboratory space

50 m² available for fit out + 130 m³ under deck accessed by
3 m x 2 m hatch serviced by A-Frame & main deck crane

Ancillary craft

Outboard 4m Rescue craft with 25 hp outboard

Deck Machinery

A-frame aft (geophysical) SWL-15 Tonne/Outreach-6 metre/Height-13 metre
Main deck crane 12 tonne SWL with 14 metre reach
Deepwater SSS winch 4200m cable
Sound velocity profiling winch 2,000m cable
Coring winch 5500m cable
Spare SSS winch 1500m cable

Communications

Communication system for RIGNET VSAT C-band
vessel-wide use Fleet Broadband 500 system
VOIP based communication system

Network

Cat 5e network hub 2 x 1 GB, totaling 40 available network points

Heave Pitch Roll Sensors

1x TSS DMS 335 (or equivalent for SBES)
2x TSS DMS 305
2x CODA F180 systems

Survey equipment

DGPS Positioning Fugro Starfix Starpack
Navigation package Fugro Starfix NG
Acoustic positioning Kongsberg HiPap 351 incl Cymbal & HiPap 501
Heading sensors 2 x Meridian Surveyor Gyrocompass
MBES Motion correction 2 x Codan/Octopus F185 GPS aided motion sensor,
Seatech SeaDepth 330+
Single Beam Echosounder Odom 18/200 kHz & Kongsberg EA 600 12 kHz
Draft monitoring 2x Rosemount Pressure Sensors
Multibeam Echosounder R2 Sonic 2024 shallow water MBES and Kongsberg
EM122 (1\"x2\") to full ocean depth
Side Scan Sonar Edgetech 4200 MP
Sub Bottom Profiler Edgetech 3300 4x4 hull mounted chirp system
Magnetometer 2 x Marine Magnetics SeaSpy
Seismic The vessel can operate both 2-D and
3-D seismic configurations
Sampling equipment Grab samplers, Gravity corer, Piston corer
CPT SS10 and SS35 CPT.