



M.V. Fugro Searcher



M.V. Fugro Searcher is a new build geophysical survey vessel that will be ready for service in March 2010 under the operatorship of Fugro Survey Limited of Aberdeen, UK. The design and construction of the vessel was undertaken by Fr Fassmer GmbH & Co KG shipyard of Bremen. M.V. Fugro Searcher will have permanently mobilised geophysical and hydrographic survey spreads, ready for rapid deployment to survey locations worldwide.

M.V. Fugro Searcher has been built to the highest standards demanded of a dedicated North Sea / International survey vessel. The diesel electric drive, specially designed hull form, resilient engine mounts and rudder propellers maximise station keeping and navigational control while ensuring acoustically quiet running at survey speeds.

The suite of survey equipment includes hull mounted EA600 single beam echo sounder, EM302 and EM3002 multibeam echo sounders and SBP300 sub bottom profiler. Edgetech dual frequency 4200 digital sidescan sonar and towed sub-bottom profilers are also provided. A Hydroscience SeeMUX digital system, with a seismic source of up to 970 cu in firing into a 3000m HTI solid digital streamer, and a HiPAP 500 USBL system are permanently mobilised. The vessel is fully networked to provide full plug-and-play interconnectivity and has Fugro's dual DGPS high precision Navigation systems.

The design of the vessel permits simultaneous analogue/digital survey operations and AUV operations. Geotechnical and ROVSV duties can also be undertaken. At 65 metres LOA and accommodation for 42 in en suite single and double cabins M.V. Searcher is a comfortable and spacious vessel on which to work.

Clients within the oil and gas industry, the cable sector and government agencies will utilise the Fugro Searcher to obtain high resolution data for permitting, planning, design activities and cable engineering within the offshore industry.

Fugro Survey is accredited against the international quality standard ISO 9001:2000 and operates in accordance with a Health, Safety and Environmental Management System which is integrated with its Quality Management System. Together these systems conform to all national and international legislation as well as industry guidelines, and provide mechanisms for integration with the company's management system.

Fugro Survey is a member of the multi-national Fugro Group of companies with over 250 offices in 50 countries. Clients can benefit from individual and collective experience of hundreds of survey professionals at Fugro Companies worldwide.

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- Congo
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- Germany
- Ghana
- Hong Kong
- India
- Indonesia
- Ireland
- Italy
- Japan
- Kazakhstan
- Kuwait
- Lebanon
- Luxembourg
- Malaysia
- Mexico
- Netherlands
- Netherlands Antilles
- Norway
- Nigeria
- Oman
- Pakistan
- Philippines
- Poland
- Qatar
- Russia
- Saudi Arabia
- Singapore
- South Africa
- Spain
- Switzerland
- Thailand
- Trinidad & Tobago
- Turkmenistan
- United Arab Emirates
- United Kingdom
- United States
- Venezuela
- Vietnam

M.V. Fugro Searcher

NAME	M.V. Fugro Searcher	PORT / FLAG	Panama
CLASSIFICATION	GL+100 A5 "Survey Vessel" IW + MC AUT	MMSI NO	371931000
OWNER	Fugro	CALL SIGN	3EUY6
BUILT	Q1/2010	IMO NO	9504011

Dimensions

LOA	65.2m
Beam	14.0m
Draught	5.2m
Tonnage	1940 t gross
Operating Range	6000 nm

Accommodation

Cabins	Up to 42 persons
Recreation	2xLounge/ Video Gym

Machinery

Propulsion	2 x 1100 kW Rudder Propeller System
Bow thruster	1 x 400 kW
Cruising Speed	12.8 knots

Electrical Power

Auxiliary Generators	3 x 910 kVA
Emergency Generator	1 x 166 kVA
Clean Power	UPS 40 kVA

Capacities

Fuel Capacity	375 m ³
Fuel Consumption	TBA
Water Capacity	165 m ³ fresh water
Water Making	2x4 m ³ per day

Deck Machinery

Deck crane	1 x 3.0 t 12 m crane
Hydraulic A Frame	1 x 7.5 t extending
Launch boom	2 x 2.5 t traversing

Control and Navigation

Autopilot	Simrad AP50
DP System	Kongsberg cJoy
2 x Radars	Sperry S-band Sperry X-band
2x Electronic Chart	Imtech HDW ECDIS2000
2x DGPS	Koden KGP-920
2x Gyro	Sperry Navigat X MK1 TSS Meridian Surveyor
Speedlog	Sperry Naviknot
Echosounder	L3 communications LAZ5100
AIS	ACR Electronics Nauticast

Communications

MF/HF	Thrane&Thrane Sailor 5000
V-SAT	KU Band
Inmarsat C (2x)	Thrane&Thrane TT3000 (2x)
VHF (2x)	Thrane&Thrane RT5020 (2x)

Safety

Rescue / MOB Boat	Fassmer RR4.2 11kW 6 pers
Life Rafts 200%	4 x 25 pers
Survival Suits	100% 42 pcs
Life Jackets	200% 100 pcs
Work Vest	12x
Emergency Radios / Beacons	1x EPIRB
Sea Marshall	SARfinder 1003 MKII

Survey Equipment

DGPS Positioning	Starfix HP / XP and Starfix Spot
Acoustic Positioning	Kongsberg HiPAP 500 + MRU5
Motion Reference Unit	Applanix Pos MV320
Echo sounder	Kongsberg EA600
Multibeam Echo sounder	Kongsberg EM302 Kongsberg EM3002
Sound Velocity Probe	2 x Valeport SVX
Side scan Sonar	Edgetech 4200
Sub Bottom Profiler	Hull mounted SBP300 Towed low frequency Chirp Profiler 12 cu in mini G Gun
Hydrophone Streamer	SES Mini Streamer
Digital Logging	GLOG/GPLOT
Seabed sampling	3/6m Gravity Corer Grap Sampler
Digital Seismic Recording	Hydroscience Technologies NTRS2 240 channel
Streamer	HTI SeaMux gel filled 6.25m
Firing Control	
Far Field	
Depth Controllers	Digicourse 5010 & 5011
Gun Source Arrays	6 x sleeve guns Sercel Mini G Gun (152cu in)
Compressor	4 x Hamworthy compressors Max pressure 207 bar 1180m ³ /hr
Network	Several 10G Bass T

