

# FUGRO

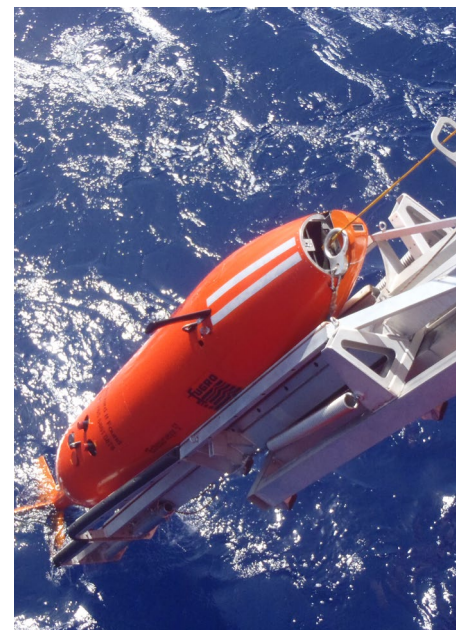
## FUGRO ENTERPRISE

**The Fugro Enterprise is a multi-purpose vessel well suited for high resolution geophysical surveys and seafloor mapping. Measuring 170 feet in length, the vessel is permanently mobilized for rapid deployment to locations throughout North America.**

Onboard instrumentation includes Fugro's Hugin-based Echo Surveyor II autonomous underwater vehicle (AUV). Fugro's Starfix™ DGPS is also employed for positioning. Our use of inbuilt Inertial Navigation System (INS) technology adds rigour to the positioning of geo-hazards and seabed features. Surveys can be completed sooner and with greater accuracy, while engineering design is optimised and development project risks are reduced. Surveys are tailored to meet client needs. Typical fieldwork involves projects for the energy and government sectors, as well as for engineering firms and universities.

The vessel is particularly well suited for the following project types:

- Bureau of Ocean Energy Management (BOEM) surveys
- Hazard surveys
- Cultural resource evaluations
- 2D seismic multi-channel surveys
- Platform siting feasibility studies
- Shipwreck and aircraft searches
- Academic research
- Tow route clearances
- Platform and pipeline damage assessments and inspection
- Pipeline / cable surveys



*AUV being retrieved at back of vessel.*



# FUGRO ENTERPRISE

## Technical Specifications

### General

Name	R/V Fugro Enterprise
Owner	Fugro
Built	2007
Port/Flag	Patterson, LA - USA
MMSI No.	366336000
Call Sign	WDD9388
IMO No.	9473585

### Dimensions

Length	170'
Beam	40'
Maximum draught	11'
Depth	13'
Clear deck space	11'
Tonnage	grt <67, gt itc 874

### Accomodations

Forecastle deck	26-11, 2-man; 1x 4-man
Storage	10'x30'
Main deck	8-4, 2-man
Below decks	None

### Machinery

Main engines	2x3508 CAR ABS AMS (200 HP total)
Main gears	2xZF 4.5 to 1 trolling gear, 2x78" DIA ABS SMI nicoal
Generators	2x250 kw CAT ABS AMS, 1x75 kw CAT ABS AMS, 75 kw emergency generator
Switch board	Full parallel 500 kw available
Steering	Hydraulic
Propellers	2 x 78" 4 nicoal
Bowthruster	Brunvoll variable pitch 250 hp electric
Speed	11.5 kts
Fuel consumption	100 gal/hr max, 80/gal hr cruise, 55 gal/hr data collection (estimated)
Range	6,500 nm (estimated)
Endurance	28 days

### Capacities

Fuel oil	54,000 gallons
Hydraulic oil	
Lube oil	
Waste	
Potable water	60,000 gallons
Fresh water	Water maker; Village Marine PW-1600 R.O

### Communications

Loud hailer	LF 3000 Furuno
VHF	2 - M-504 Icom
Satellite phone	Orbit AL7103 KU-8 V-Sat
Cellular phone	Petro Comm
Intercom	Sound powered phones & Panasonic, 24-line phone system

### Navigation

GPS	2-GP 150 Furuno
RADAR	FR2117-FR8122 Furuno
Auto pilot	AP 50 Simrad
Fathometer	FE 700 Furuno
Speed log	DS 80 Furuno
Gyro	GC80 Expanded Simrad
Chart plotter	Garmin
Sound surveillance	VSS-111 Zenithal
Weather station	RD 30 Furuno

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