



FUGRO ENTERPRISE



HIGH-RESOLUTION GEOPHYSICAL SURVEY VESSEL

Fugro Geoservices, Inc. (FGSI) of Houston, TX and Lafayette, LA operates the Fugro Enterprise. Designed specifically as a multi-role survey platform, the vessel is permanently mobilized for domestic and international deployment.

Primary instrumentation includes a Hugin Autonomous Vehicle, HiPAP USBL system and gravity piston corer. Fugro's Starfix™ DGPS completes the positioning package.

The criteria used in selecting the equipment have been to provide flexibility to meet customer's requirements.

The Fugro Enterprise carries out fieldwork in support of the energy and government industries, engineering firms and universities.

The vessel's capabilities include:

- Minerals Management Service
- 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

Angola
Argentina
Australia
Azerbaijan
Belgium
Bermuda
Brazil
Brunei
Canada
China
Congo
Denmark
Egypt
France
Gabon
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

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FUGRO ENTERPRISE

OWNER	Fugro Leasing	CERTIFICATION	Subchapter L; A.B.S. Maltese Cross Hull & Machinery, SOLAS
OPERATOR	Fugro GeoServices, Inc.	BUILDER	Boconco Shipbuilding, Inc.
OFFICIAL NUMBER	1204438	PORT OF REGISTRY	Morgan City, LA Year Built 2007
TONNAGE	GRT <67, GT ITC 874	MAXIMUM DECK TONNAGE CAPACITY	27 Tons at 9 ft

Dimensions

Length 170'
 Beam 40'
 Maximum draught 11'
 Depth 13'
 Clear deck space 11'

Machinery

Main engines 2x3508 CAT ABS AMS(2000 HP total)
 Main gears 2xZF 4.5 to 1 with trolling gear
 2x78" DIA. ABS SMI nicoyal
 Generators 2x250kw. CAT ABS AMS
 1x75kw. CAT ABS AMS
 75kw emergency generator
 Switch board Full parallel 500kw available

Steering

Hydraulic
 Propellers 2x78" 4 nicoyal
 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.

Deck & Mooring Equipment

A Frame 9' wide by 20' height 10 ton
 Windless Coastal marine equipment
 Anchors 2-2000 lbs.
 Rode 12 shots 5/7

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
 AIS FA 150 Furuno
 Chart plotter Garmin
 Sound surveillance VSS-111 Zenithal
 Weather station RD 30 Furuno

Communications

GMDSS A3 Furuno
 Loud hailer LH 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

Accommodation

Fox'sle deck 26 -11 2 man, 1 4 man
 Storage 10' x 30'

Main deck 8 - 4 2 man

Below decks None

Special Features

Berthing 32 total (28 in 2 man cabins and one 4 man)
 Instrument room 420 sq.ft.
 Aft deck space 38' x 48'
 Moon pools 4 x 36" moon pools
 Transducer room 500mm gate valve HiPap

Safety

Life saving equipment
 2 20, 2 - 17 man inflatable life rafts
 34 adult life preservers
 3 children life preservers
 8 30" plastic ring buoys 4 of which to be provided with strobe lights and two to have 100 feet of lines attached.
 1 line throwing gun
 12 rocket flares, hand held, watertight container
 1 mechanical fog horn
 1 12" fog bell
 2 black ball day signals
 1 diamond shaped black day signal
 1 aluminum rescue ladder
 1 breathing apparatus with spare charge
 1 stokes litter with floatation ring
 1 harness

FIRE FIGHTING EQUIPMENT

5 fire stations, each with a 50' hose, complete with nozzle, rack, and Spanner wrench
 As required by USCG-10# dry chemical extinguisher, rechargeable type
 2 fire axes
 Other equipment as required to certify the vessel by the US Coast Guard

Fugro GeoServices, Inc.

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