



Fugro Adventurer



The all-round geotechnical vessel performing seabed and down hole operations

Geotechnical Drilling Vessel

The MV Fugro Adventurer is a dedicated DP2 geotechnical drilling vessel with an extensive track record of operations in the Middle East and beyond.

The 70m vessel provides a large, stable platform capable of operating independently in remote regions around the world, deploying the full suite of Fugro specialist in-situ sampling and testing tools.

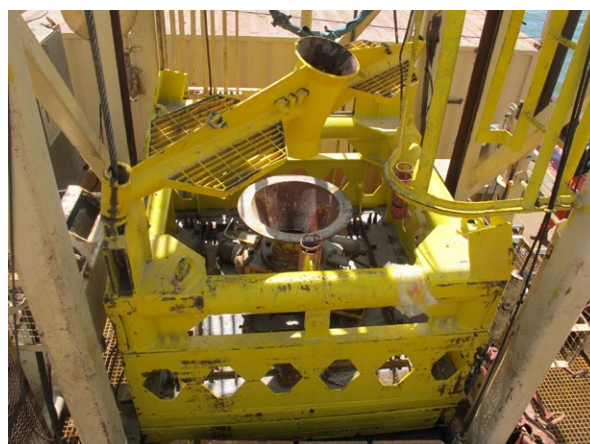
With an exemplary safety record and an impressive history of successfully completed geotechnical site investigation in the Middle East, East Africa, and West India region, the Fugro Adventurer is ideally positioned to provide the solution to your next offshore foundation engineering requirement.

The Fugro Adventurer is part of the Fugro fleet of geotechnical drill ships which are designed and classified for wide operations, offering unrivalled sample and in-situ data quality combined with rapid turn around of engineering reports.

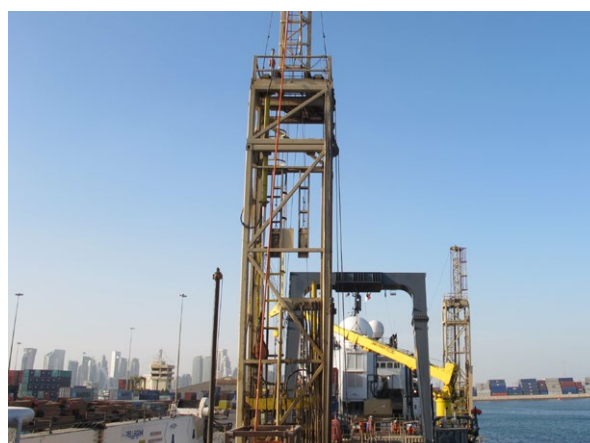
Besides her main tasks as dedicated Geotechnical Investigation vessel, being an all-round multi purpose vessel she has the capability of deploying ROVs and / or specialised geophysical equipment in areas where conventional tools cannot reach or utilised, making her very adaptable to almost any requirement during FEED stage of our (EPC) clients and is very sought after.



Adventurer dedicated DP2 geotechnical drilling vessel



Seabed frame for geotechnical sampling and insitu testing operations



FMR - Fugro Marine (drill) rigs installed on two vessels



Fugro Adventurer

Technical Specifications

General

Name	Fugro Adventurer
Classification	ABS 1A1(E), ROV/Offshore Support Vessel, AMS, DPS-2
Built by	New China Shipyard PanUnited, Singapore
Flag/Port	Republic of Panama, Panama
Call Sign	HP5129
IMO Number	9261152
MMSI	35250900

Dimensions

LOA	69.6m
Breadth	13.3m
Depth Moulded	5.00m
Draught	4.01m
Tonnage	1.592T Gross; 478T Net

Navigation / Communications

Radar	2 x Furuno FR-2115
Auto Pilot	1 x Anschutz Pilotstar D
Gyrocompass	2 x SG Brown TSS Meridian 1 x Anschutz STD 22 Digital
Echo Sounder	1 x Furuno FE 881 mkII
AIS System	1 x Furuno FA-150
GMDSS Radio	Area 3, MF / HF
VHF	2 x Sailor RT-4822
VHF Portable	Jotron TRON TR-20
SSB with DSC	1 x Sailor HC-4500
WWatch Receiver	1 x Sailor 4822/4500 VHF/MF/HF DSC
Sat Phone	1 x Inmarsat B Furuno Felcom 81
PA System	2 x Inmarsat C: Sailor DT-4646E
Navtext	Phontec SPA 1501 1 x Furuno NX-500

Accommodation

Total capacity	55 persons 4 x single cabins 19 x 2 berth cabins 3 x 4 berth cabins
Hospital	1 x1 person TV and internet access
Offices	1 x ship's office 1 x project office
Other	1 x Gallery 1 x Mess room 1 x Recreation room 1 x Gymnasium

Machinery

Main engines	2 x CAT 3512 std marine diesel (ea). 955kW at 1800rpm
Emergency	1 x caterpillar 3304 marine alternator rated 65kw 440v
Generator	3 x caterpillar 3412c marine alternators 425kw, 440 v, 3 phase, 60hz parallel operation
Stern thrusters	2 x schottel 1010 stp units
Bow thrusters	2 x schottel stt 170lk units, electrically driven 350 kw

Performance

Full Speed	12.5 Kts
Cruise Speed	11 Kts (8 m ³ /24hrs)
Stand By and DP	3.5m ³ / 24hrs
In Port	1.0m ³ / 24hrs

Dynamic Positioning / Automation Plant

DP System	Nautronix Ask 50023 Manual joystick mode Hold position mode Hold heading mode Standby (offline) mode ROV follow mode Auto track (high speed track follow) mode Automatic heading mode 2 x operator console 2 x processing unit 1 x portable remote joystick 1 x power management system 1 x autopilot panel
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Reference Sensors

	2 x independent DGPS (1P system + 1 LP system) 1 x ATS II acoustic system 1 x LTW Bandak mk12 1 x MDL fan beam laser
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Peripheral Equipment

	2 x UPS (4.5 KVA) 2 x Event Logging Printer 1 x DP Alarm System 1 x ASK Display Printer
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Environmental Sensors

	3 x Anschutz Gyro compass with 6 x repeater stations 2 x Watson vertical reference unit 2 x RM Young Wind Sensor
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Deck Machinery

Hydraulic windlass	1 x with two cable drums and two warping drums, 5 tonnes, 9m/min
Hydraulic capstans	2 x 3 tonnes each

Deck Crane

SWL	1 x Pellegrini electro-hydraulic 45 Te (33 Te offshore), 13.5 Te single fall
Depth rating	300 m. on a double fall, 600 m. single fall
Maximum radius	18 m.

FMR200 Series Drilling Unit

"The FMR200 Series Offshore Heave Compensated Drill Rig is permanently installed on the Fugro Adventurer"

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Information may be subject to change without prior notice