



FUGRO

FUGRO ETIVE

The *Fugro Etive* is a highly versatile and reliable vessel from which a variety of work scopes can be safely and efficiently performed to meet the exacting requirements of clients throughout the region.

The 140T active heave compensated crane and large 800 m² back deck are two of the key features that make the *Fugro Etive* a versatile vessel, ideally suited to a wide range of offshore operations, including air and saturation diving.

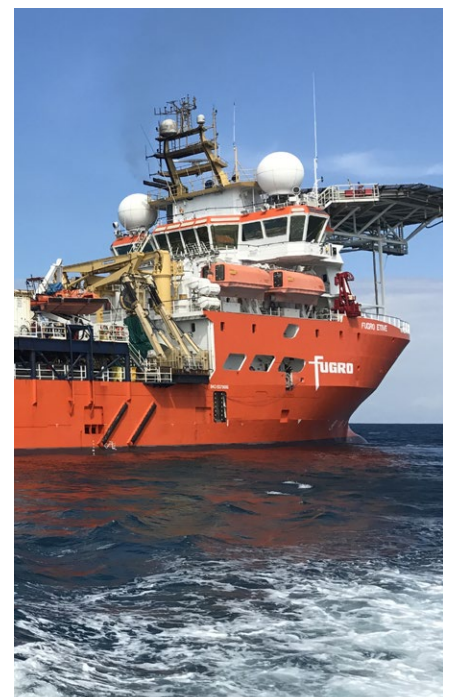
Based on the Marin Teknikk MT6016 hull, the basis for many construction and platform supply vessels operating year round in the North Sea, the vessel is a field proven design that provides a stable platform in a wide range of weather conditions.

With an economic transit of approximately 13 knots, the *Fugro Etive* can move quickly and efficiently from project to project across the region.

The vessel has modern, well-appointed, accommodation with a capacity for 100 personnel. Additionally, it is designed and built to the Norwegian Clean Comfort Class V standard, providing a greater level of passenger comfort, including reduced levels of noise and vibration.

To assist the *Fugro Etive* with various work scopes, two Fugro FCV 3000 200HP Work Class ROV's are installed onboard, each with a maximum operating depth of 3000 m.

Through our fleet of high specification vessels, Fugro is able to offer a broad range of services across the life cycle of a subsea field



Fugro Etive preparing to launch ROV.

FUGRO ETIVE

Technical Specifications

General

Name	Fugro Etive
Classification	DNV + 1A1, Ice C, SF, COMF-V(3), HELDECK - S, E0, Dynpos AUTR, CLEAN, DK (+), HL (2.5)
Built	2007
Design	MT 6016
Port of Registry / Flag	Nassau, Bahamas
IMO	9379686

Dimensions

Length Overall	92.95 m
Length BP	84.94 m
Breadth	19.70 m
Depth	7.7 m
Maximum Loaded Draft	6.3 m
Gross Tonnage	4926 Te
Moonpool	6 m x 5.28 m

Accommodation

Total Berths	100, Fully Air-conditioned
1 Person Cabin	24
2 Person Cabin	24
4 Person Cabin	3
1 + 1 Person Cabin	8

Machinery

Electric Driven - Power	4 x 1900 kW
Electric Driven - Type	4 x CAT 3516B
Propellers	2 x RR Azimuthing Pulling Propellers
System Voltage	690 V / 440 V / 220 V
Main Thrusters	2 x RR 2200 kW
Generators	4 x Siemens 1823 ekW / 2027 kVA

Capacity

Deck Area (excl. Mezz)	800 m ²
Stern Deck Strength	10 Te/ m ²
Potable/Fresh Water	620 m ³
Fuel Oil	2225 m ³
Lubricating Oil	54 m ³

Deck Equipment

Capstans	2 x 10 Te
Deck Cranes	2 x 5Te @ 15 m

Offshore Crane

Type	National Oilwell Varco (NOV) AHC Offshore Knuckle Jib Crane
Maximum Lift (Single Fall)	SWL 70 Te
Maximum Lift (Double Block)	SWL 140 Te
Whip Line	SWL 10 Te
Personnel Lift Capacity	Available

Dynamic Position

DP System	Kongsberg Simrad SDP22 DP II
References	2 x DGPS, 1 x Tautwire, 1 x HiPap 500, 1 x Radius 1000D

Speed and Fuel Consumption

Maximum Speed/Consumption	15.0 knots @ 38 Te/Day*
Economical Speed/Consumption	13 knots @ 20 Te/Day*
DP Consumption	8 Te/Day*

*figures are approximate and may change depending on vessel loading, draft and environmental conditions

ROV's

Type	2 x Fugro FCV 3000 Work Class ROV's
Power	200 HP
Depth	Rating 3000 m
Payload	400 kg
Manipulators	Schilling T4 – 7 function, Rigmaster 5 function
Quantity	2 systems installed onboard, 1 either side of vessel

Helicopter Deck

Diameter	20.94 m
Suitable For	Sikorsky S92 or equivalent (12.8 Te)

Navigation and Communications

Type	A C-Band Internet and Communications System is installed on the Vessel
------	--