



Fugro Saltire



ROV Survey, Construction Support and Intervention Vessel

The Fugro Saltire is Fugro's latest purpose designed ROV survey and construction support vessel due for delivery in early 2008. The DNV +1A1 class vessel is equipped with a Simrad SDP21 system interfaced to the Fugro Seastar DGPS, two Simrad HiPAP500 USBL acoustic systems, Seapath 200 and a Fanbeam laser system. With two FCV3000 ROV's deployed over the sides from the central hanger area, the main deck (>1,000m²) with 10T/m² deck loading, can be made available for the exclusive use of the Client.

A working moonpool measuring 7.2 x 7.2m is situated immediately aft of the hanger area. The vessel has a 150T knuckle-boom crane with active heave compensation, capable of operating to 3000m, and a 10T auxiliary subsea crane.

Use has been made of the ample under-deck capacity by integrating tanks capable of use for storage and discharge of pipeline commissioning fluids and chemicals.

Dual Fugro work-class FCV3000 ROV systems will be deployed from the integrated ROV hangar via hydraulically operated doors on either side of the vessel, and purpose built Launch & Recovery Systems (LARS) designed to minimise the effects of vessel motion.

ROV deployment and recovery is controlled from a central area in the hangar, with the ROV control area integral to the main on-line systems control area in the vessels main accommodation.

The 46m x 22m timbered main deck is capable of supporting loads of 10T/m² and offers our Clients the flexibility to both transport deck cargo and to provide a platform for the deployment of substantial subsea structures using the 150T main crane.

With additional dedicated 500KVA power, fuel, water and air supply points around the deck, the facilities are in place to support a wide variety of Client's construction, intervention, maintenance and pipeline support spreads.

- 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

Fugro Saltire

ROV Survey and Construction Support Vessel

NAME	Fugro Saltire	POR	Bergen
CLASSIFICATION	DNV + 1A1-EO, ICE-C, Dynpos AUTR, SF, DK(+), Clean, COMF-C(3)-V(3), HELDK-SH, NAUT-OSV	GRT / NRT	GRT 6500T; NRT tbaT
OWNER	E. Forland Shipowners	CALL SIGN	tba
BUILDER	BMV A/S	IMO	tba
FLAG	Norwegian	MMSI	tba

Dimensions

LOA	111.00m; LBP 100.20m
Breadth	24.00m
Draught	7.5m (maximum)
Tonnage	6,500T Gross
Displacement	tba
Freeboard	tba

Machinery

Main engines	4 x Rolls Royce 4160Kw
Aux engines	1 x CAT3408 – 397Kw 1 x CATSR4 – 462KVA
Bow thrusters	2 x 2000Kw Tunnel; 1 x 1400Kw Azimuth
Stern thrusters	2 x 1400Kw Azimuth
Speed	Service 16 knots
Endurance	50+ days

Capacities

Fresh water	500m ³
Water maker	25T/day
Ballast water	2,300m ³
Marine Diesel oil	2,500m ³
Lube oil	150 m ³
Chemical Tanks	1,000m ³

Deck Machinery

Deck crane	Hydramarine AHC 150T/10m; Length 3000m x Ø70mm , Aux Winch 30T/37m; Length - 500m
Deck area	46m x 22m = 1012m ²
Deck loading	10T/m ²
Tugger winch	tba
Capstans	tba
Auxiliary crane	Hydramarine 10T/15m; 1000m
Moonpool	7.2m x 7.2m moon-pool on back deck
Helideck	24m Diameter; max. landing load 12,800Kgs; Type Sikorsky S61 /S92

Mooring Equipment

Anchors	tba
Anchor chains	tba

Control and Navigation

DP system	Simrad SDP21
DP references	Dual DGPS; 2 x HIPAP500, Seapath 200, Fanbeam
Radars	tba - 1 x 10cm ARPA radar tba - 1 x 3cm ARPA radar
Gyrocompass	tba
Echosounder	1 x FURUNO type FE 700
GPS	Trimble Nav NT200
DGPS	Fugro Seastar DGPS receiver
Speed log	1 x FURUNO DS80

Communications

Ku Band	Dual KU Band / 'C' Band system
Others - tba	

Accommodation

Total complement	105 persons
Cabins	37 x Single; 34 x Double
Hospital	Medical treatment room and rest room
Offices	Online survey room - 12m x 12m; Offline survey room - 7m x 12m; 3 x Client office - 15m ² ; 1 x OVM / PC Office Conference room
Recreation	Training Room / Cinema – 54 seats Gymnasium / Sauna Lounge areas Internet Café

Safety

Lifeboats	2 x Lifeboat - tba
Liferafts	tba
MOB boat	1 x MOB Boat – tba

FCV 3000 System

ROV Systems	Two ROV systems in Hangar area; 1 x Port side, 1 x Starboard side
Dimensions	3m x 1.7m x 1.7m
TMS	tba
Depth rating	3000m
HPU Power	125HP
Payload	400kg
Manipulator	Schilling Titan 4 / Schilling Rigmaster
Cameras	8 x Video channels
Sonar	tba
Heading	tba
Depth	Digi Quartz 8CB4000-I
Altitude	tba
Moon-pool ROV (Port)	3500m umbilical
Moon-pool ROV (Stbd)	3500m umbilical

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