

FPV Watchful

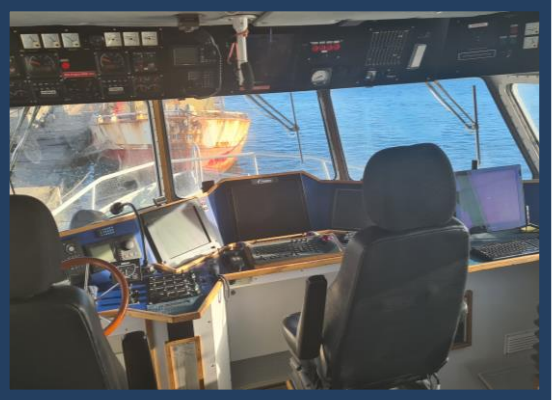


Professional Fisheries Patrol Vessel Available for Chartered Survey Work

Designed and built with patrol duties and survey capabilities in mind

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Survey Capabilities

FPV Watchful is able to provide a spacious platform for conducting survey operations. The vessel is able to cater for a whole host of equipment, two dedicated chart tables in the aft of the wheelhouse provide a suitable platform for IT equipment and any electronics that are best placed under cover, with plenty of power points available.



Deck plates can be installed where the Delta 1 RIB is situated to the stern of the ship. This allows for more working space during survey operations. The vessel has a large hydraulic deck winch and pot hauler, both of which can be utilised by the vessels crew to deploy a whole host of survey gear including beam trawls, towed video sleds, sidescan sonar and grab samplers.



The vessel also includes a galley and accommodation down below, with microwave, hot water facilities, electric hob and refrigerator.



SPECIFICATIONS

Name of vessel:	Watchful
Type of vessel:	Fisheries Patrol; Fully coded Cat 2 – MCA/YDSA Workboat Code
In survey to:	Sea Fish Industry Authority
Home port:	Shoreham-by-Sea
Builder:	Uki Workboat Ltd
Designer:	Uki Workboat Ltd
Owner:	Sussex IFCA
Operator:	Sussex Inshore Fisheries and Conservation Authority (IFCA)
Operational Area:	Sussex IFCA District; county borders and out to 12NM
Length O.A.	18.35m
Beam:	5.20m
Draught:	1.5m
Depth:	3.00m
Displacement:	35 tons
Tonnage/s:	GRT 42

HULL & STRUCTURE

Construction Material:	Aluminium ENAW 5083
Fuel capacity:	8000 litres
Freshwater capacity:	500 litres
Sewage water capacity:	100 litres
Deck cargo capacity:	1000kg
Crew:	5 persons
Maximum speed:	23 knots
Cruising speed:	18 knots
Winches:	Spencer Carter
Capstan/Windlass:	Lofrans Falcon
Liferaft/s:	One 10 person + one 6 MAW
Rescue boat/s:	Delta 550D/Mercruiser D1.7L
Lights:	Norselight 260
Rope/Chain:	3/8" 50m
Anchors:	40kg HHP
Steering System:	Hydraulic
Paints/Coatings:	International
Windows:	LAN

Main Engine/s:	Caterpillar 3406E 522 kW/2200 rpm
Gearbox/s:	Twin disc 5114 Quick Shift
Propulsion:	2 x propellers 31 x 32"
Auxiliary engine/s:	BetaGen 20kVA BV2203
Generator/s:	230V AC 50Hz
Side thruster/s:	Side Power SP300, 23 kW
Hydraulic equipment:	Bosch Rexroth
Electrical installations & supplies:	YIT Telesilta Oy
Integrated electronics by:	Simrad UK
Radars:	Simrad RA52C, 15" Simrad CA44D, 10"
General use computer:	MESH
ECDIS:	Transas Navisailor 4000 LDS
Computer:	RS6 type approved TFT display 19" Hatteland
Navigation Software:	Transas Navisailor 4000
Depth sounder:	Simrad ES80 Black box
Radio/s:	Simrad RS86/87
G.M.D.S.S.	Simrad AX 50
AIS:	Simrad Class A
VHF Direction Finder:	TAIYO TD-C 1550B
Navtex:	ICS NAV 4 Plus
GPS:	Simrad MX612
Auto Pilot:	Simrad AP 50
Compass/es:	Simrad HS 50 GPS
Safety Equipment:	SART, EPIRB
M.O.B. System:	Sea Marshall CREWguard GG-121 Mk.II
Internet:	HUBBA X 4G/3G
Satphone:	Iridium
Date of Delivery:	16 th December 2003

STAND ALONE EQUIPMENT

Two towed sledges: Small & Large	GoPro 'Hero 7'
BlueROV2 Underwater drone	YSI Water Quality Meter
Bowtech camera & umbilical	Beam Trawl