

Curriculum Vitae

Thomas Wadsworth

Plymouth
UK

Passport no. : 150836349
Nationality: British
Position: Freelance ROV Pilot (3000+hrs)
Supervisor/Tech/Pilot/Subsea Designer

D.O.B 19/03/80

Mobile: 07917878730
Email: tom.wadsworth80@gmail.com

OBJECTIVE:

With over 23 years of experience in the operation, maintenance, and supervision of remotely operated vehicles (ROVs), I specialize in small to larger inspection-class ROV's across various makes and models for both inshore and offshore applications. My expertise includes serving as an offshore supervisor, technician, and pilot. Additionally, I briefly held the role of superintendent, overseeing personnel on board a vessel in the Caspian Sea.

I am highly motivated and adaptable, with a passion for tackling challenges across multiple disciplines, including ROV operations, IT systems, mechanical engineering, design/CAD, and electronics. My diverse experience has equipped me with a well-rounded skill set and a commitment to excellence in all aspects of my work.

SUMMARY OF QUALIFICATIONS

Over 23 years of working with ROV's (inshore and offshore) with easily in excess of 3,000hrs flying hours on various inspection class ROV's. British Commercial Boatman's license, EMSS Safety Passport, Confined Space Cert , Manual Handling, VHF competency and Divemaster.

ROV EXPERIENCE

2021- 2024 : (Seaeeye Falcon DR, BlueRov 2, Defender, Ocean modules M500, Videoray Pro5) Various Inshore and semi offshore work to current date.

2021 Aug: (Seaeeye Falcon DR & BlueRov 2, Scotland) Hydro Dam inspection and photogrammetry data collection.

2021 June: (Videoray Pro4) Culvert inspection in Liverpool.

2020 Sept: The Year of Covid 19 and thus I only did one ROV Job in London using Videoray Pro4 surveying a freshwater culvert.

2019 Dec: (Videoray Pro4) Visual inspection in culvert in London

2019 Oct: (Seaeeye Falcon) Hydro Dam Inspection in Scotland also collecting photogrammetry data

2019: Retired from offshore ROV to primarily do Design and Inshore ROV work.

2018 Sep: (Videoray Pro 4) Visual inspection of Lock Gate at naval Base Plymouth for TMS.

2017-2018: (Ocean Modules V8 M500) Working on various wind farms in Germany, Lincs and North Wales.

2017 March: (Seaeeye Falcon, Scotland) Inspection of Hydro Dam and to produce photogrammetry results from the data recovered.

2016 Oct: (Ocean Modules V8 M5, HeligoLand, Germany) Inspection, CT, Caviblasting and photogrammetry survey of Wind Turbine bases and Sub Station.

2016 Oct: (Videoray, SW Ireland) Inspection of subsea Oil Pipe.

2016 April & May: (Cougar XT, Manip op, St Ives, Renewable energy system installation) Working on a Seaeeye Cougar XT on the Manipulators, both 6 and 5 function. Worked to tie stroops, install drop lines and undo wires etc on seabed.

2016 June-Aug: (Ocean Modules V8, Teeside, Lincs Farm, Gwinty Mor) Short Contracts for Inspection and CT of turbine bases. Also Scour survey using Blueview system.

2016 Feb: (Seaeeye Falcon, Scotland inshore) Inspection and photogrammetry setup for viewing internal outflow to hydroelectric dam.

2015 Oct: (Ocean Modules V8 M5, Holyhead) Inspection of subsea fibre cable nr shore.

2015 Sept: (Ocean Modules V8 M5, EON, Teeside) Inspection of windturbine monopiles

2015 March-April: (Ocean Modules V8 Sii, Shell, West Ireland) Inspection of gas and Water pipeline near to shore.

2015 Feb: (Videoray Pro 4, Plymouth) Inspection of Culvert.

2014 Sept-Oct: (Ocean Modules V8 Sii, Atlantis Marine, Grimsby) Inspection of 75 Windfarm monopiles, using CP probe, metal thickness. Surveying J tubes, Brattburg seals and all anodes.

2014 July: (Videoray, Plymouth) Using Videoray to view Mariner seabed and seawall.

2014 May-June: (Videoray Pro 4/3 & Seaeeye Falcon, Italy (Costa Concordia), Supervisor) I have been working for iRov in Italy to work on the Costa Concordia project with Titan and Micoperi. This involved working on a number of vessels, Drilling, Dive Support, Crane Operations, Pile installation, Survey, Grouting procedures, Search and Recovery etc (Gained over 1000 hrs on this job)

2013 November: (Ocean Modules V8 Sii, Nr Kendal) Internal inspection of main water line section from Lake District to Manchester.

2013 August: (Videoray Pro 4, Plymouth) Inspection inshore of Ferry terminal in Plymouth. Scanning sonar used for positioning due to large pier and large underwater structures.

2013 July: (Videoray Pro 4, NE England) Viewing Wind turbine Jack up barge legs and spud cans, in a river estuary. Visibility was very poor so use of sonar to provide reference.



2013 April: (Videoray Pro 4, Subsea Marine, Ireland) Inspecting two wind turbine installation Jack up rigs for spud can integrity and primarily using sonar for location due to low visibility.

2012 Sept-June 2013 (on and off) (Videoray Pro 4/3 & Seaeye Falcon, Italy (Costa Concordia), Supervisor) I have been working for iRov in Italy to work on the Costa Concordia project with Titan and Micoperi. This involved working on a number of vessels, Drilling, Dive Support, Crane Operations, Pile installation, Survey, Grouting procedures, Search and Recovery etc.

2012 Nov: (Videoray Pro 3 & Outland ROV, Stoney Cove, UK) Working with SMD ROV company to do an underwater promotional video with the use of there SMD systems.

2012 Nov: (Videoray Pro 4, Manchester, UK) Inshore work in Manchester city. This was to do a full culvert inspection. Use of a transponder was used to locate the direction of the culvert under the road and side path.

2012 Oct: (Videoray Pro 4, South West Ireland) Search and Recovery salvage operation for Dredge work, offshore.

2012 September, Oct: (Videoray Pro 4/3 and Falcon, Italy (Costa Concordia), Supervisor) Working for iRov in Italy to work on the Costa Concordia Project with Titan and Micoperi. This involved working on a number of vessels, Drilling, Dive Support, Crane Operations, Pile installation, Survey, Grouting procedures, Search and Recovery etc.

2012 August: (Videoray Pro 4, Belfast, Ireland) Post Dredge survey. Same work as described in 2012 March.

2012 August: (Videoray Pro 4, Plymouth, UK) Full survey of Ferry terminal Dock. Full subsurface inspection of piles and strut damage. Full written report post work was requested and given.

2012 August: (Videoray Pro 3, Stoney Cove, UK) Working with SMD ROV company to do an underwater promotional video.

2012 July: (Videoray Pro 4, inshore, Derry, Ireland) ROV used to an internal Tank inspection of fire hydrant system. The internal visibility was clear water.

2012 April, May, June: (Seaeye Falcon DR Caspian Sea, Supervisor) Diver support, pipe lay support. This involved work with Grouting, Riser clamp installation, Rig inspection and on deck supervision.

2012 March: (Videoray Pro 4, Belfast Ireland) Offshore pre site survey for dredging drop off site. It was 90m water depth using the ROV to survey seabed for any anomalies or marine life.

2012 March: (Outland ROV System, North Sea, FPSO) HPR UK Hired myself to work on a FPSO system that had lost a mooring line and to regularly survey the other mooring lines until a service vessel could be acquired.

2011 December: (Seaeye Falcon DR & HDD Skid, English Channel, UK, Supervisor) Working with the University of Plymouth and Channel 5 US to film and document two WWII wrecks in Lyme bay. This was a joint operation with Hydratobotix and Plymouth University.

2011 November: (Seaeye Falcon DR, Caspian Sea, Supervisor) Working for Momentum Engineering doing a Pipeline survey at 30m with boom fixture.

2011 April-June: (Videoray and Seaeye Falcon DR, Supervisor) Working again for Momentum Engineering on two projects. The first was using a Falcon DR to do a pipeline survey and inspection on various parts of three gas rigs. The second leg to the trip was working aboard the General Sixlinski assisting divers on a Habitat Welding contract on a Gas rig.

2011 April: (Seaeye Falcon DR, Caspian Sea) Working for Momentum Engineering on land converting the Seaeye Falcon DR to a pipeline surveyor in Azerbaijan (Nr Caspian Sea).

2011 March: (Videoray Pro 3 GTO, Firth of Clyde, Scotland, www.hydratobotix.com) I was asked to do an inspection at depth of a Prototype anchorage system, using the camera to view the measurements on seabed. This was for a Marine institute in Ireland.

2011 Feb: (Videoray Pro 4, Derbyshire, www.hydratobotix.com) Working for Atlantas Marine to do a Culvert inspection for a well known water distribution company. It was asked of me to do a full visual inspection, including a scanning sonar measurement every 5 m for up to 150m into the tunnel.

2010 Sep-Dec: (Videoray DeepBlue, Caspian Sea) I was assigned to the M-DPA project to assist with ROV operations onboard the General Aliaga Sixlinski in the Caspian Sea. Dive support was the primary operation.

2010 July-Aug: (Seaeye Falcon DR, Caspian Sea, Pilot/Tech) Working on the PLBG (Pipe Laying Barge) in the Caspian Sea flying the Seaeye Falcon whilst doing FJ and KP checks on the installation of a 30", 20" and an 18" pipeline off the Turkmenistan coast.

2010 July: (Videoray Pro 4, Denmark, North Sea, www.hydratobotix.com) Working for Maersk doing an internal pile inspection survey of the accommodation block offshore down at 70m.

2010 May: (HyBall, SideScan sonar and Videoray Pro 3, North Cornwall, www.hydratobotix.com) Working alongside a Marine Institute to find Echo sounders left in the sea for a period of time.

2010 April: (Videoray Pro 4, Plymouth UK, www.hydratobotix.com) Working at the Millbay Docks inspecting the Ferry Terminal Piles from surface to seabed. This took 1 week to complete with a full survey written report required.

2010 April: (Seaeye DR, Plymouth UK, Pilot/Tech) Working for the University of Plymouth testing and flying their system off the Plymouth coast viewing coral at depth.

2009 Sept-Dec: (Videoray Pro 3 GTO, Pro 4, Florida, New Orleans and Philadelphia, Pilot/Tech, Sales) I worked briefly for Videoray in the United States. I was there on a voluntary basis to work in the workshop to get to know all the systems they produce and to build and repair them. I went to Florida to do some repairs for 2x Pro 3 systems and also New Orleans to work with them at an Exhibition.

2009 July: (Videoray Pro 3 GTO, Persian Gulf, www.hydratobotix.com) I worked in the Persian Gulf Nr Qatar on a salvage operation for Momentum Engineering and Mammoet Salvage offshore.

2009 March: (Videoray Pro 3 GTO, Mediterranean Sea, www.hydratobotix.com) Working for WHOI (Woods Hole Oceanographic Institute) doing a film shoot for National Geographic institute. I was the pilot for the ROV system to do filming on the Britannic (sister ship to the Titanic). I attached Stereoscopic 5k Camera systems to the ROV to film the inside of the wreck at 130m. Divers were also filming the outside and inside of the vessel.

2008 July-December: (Videoray Pro 2, Madagascar, Indian Ocean) I worked for an NGO (Reef Doctor) doing reef research with my personal ROV system for 6 months.

2006 – 2009: (Seabotix, Videoray, Gnom and AC-ROV, Plymouth UK) Working part time as an ROV Tech at the National Marine Aquarium in Plymouth. I was also piloting a commercial ferry from within British Waters at the same time.

2001 – 2005: (SeaClops, Videoray Pro 2, Bermuda) Working as a tech, Marine Mechanic and ROV Pilot at the BIOS (Bermuda Institute of Science). I was primarily in charge of the two ROV's they had there and commonly went out at sea to view Coral at depth and to take samples. I also worked on there boat the Weatherbird R/V as a deck hand.

1999: (Phantom and Cobra system, Bovisand, Plymouth UK) Working as a Marine Mechanic, Divemaster and ROV Pilot for the two systems they had. I serviced and utilized the ROV's when I could for work with the Commercial Divers. Most of the work was inshore for Docks and Locks etc. I also worked on the Boat engines, dive gear and vehicles in the area.

EDUCATION

BA(Hons) Degree in Multimedia Design: Plymouth College of Art 2008
GNVQ 3D Design, Worcester college of Art and Design 1998

OTHER SKILLS

Computing, CAD Design, 3D Animation, Photogrammetry, Electronics, Mechanics, Photography, Diving, Boat Pilot, Ex-licensed Drone pilot.

REFERENCES-Available upon request-