

# Marine & Engineering Services



Specialist  
Vessel Repair  
Facility

**ALCAT WORKBOATS LIMITED**

Southtown Road, Great Yarmouth, Norfolk NR31 0JJ  
Tel +44 (0)1493 655171 • [www.alicatworkboats.com](http://www.alicatworkboats.com)







## Service & Repair

Alicat Workboats operate one of the UK's most comprehensive vessel maintenance and repair facilities. As highlighted in this brochure all services are in-house, meaning any repair, service or other work is carried out with maximum efficiency by our dedicated workforce. We service and repair vessels from all sectors including Fishing, Oil and Gas, Offshore Wind, Leisure and Tourism, Lifeboats, Fisheries and Environmental.



## 200T Mobile Vessel Lift

One of the UK's largest and most capable boat lift. The 200T provides a fast and secure lift for vessels up to 200 tonnes, 40m in length and 11m beam. Four independently controlled wheels and multi-mode steering enable precise manoeuvrability around the facility. The lift has a built in digital weighing system to enable the safe positioning of the vessel in the hoist. An ideal lift for boat repairs, inspection, or hull defouling to improve performance. A faster and safer alternative to slipways. Rates available on request.



## Quay Heading

Alicat Workboats is located at Berth 29 in the port of Great Yarmouth, one of the UK's most easterly towns with direct access to the North Sea and an established hub for Oil and Gas, Offshore Wind, Fishing, Leisure and Tourism. With a maximum draft of 5m alongside and 184m of quay heading, the facility can accommodate large and small vessels, ideal for when servicing or repairs don't require lifting. The quay heading is also perfect for other projects arriving or departing by sea.



## Undercover Dry Dock

An alternative option to the boat lift, and especially good for repairs requiring a more controlled environment. Located within our main construction workshop our internal dry dock suits vessels with a maximum length of 25m, 9m beam and 1.5m max draft. The enclosed dry dock provides cover from the weather and is accessible by overhead gantry cranes. It can also be screened off for larger painting requirements.



## Marine Design

Our team of Naval Architects can provide complete consultancy and project management services for any project large or small. Services also include model testing, structural and stability analysis, Flag & Class submission and liaising, concept design and new product development. Projects also include designs for road transport containers, the Aerobox™ range of bespoke lightweight containers and the SB Lynx™ range of vessels.



## Marine Electrical

Alicat Marine Electrical provide comprehensive marine electrical services globally. Classification compliant, our diverse team of specialists provide all aspects of services ranging from design, supply, manufacture and installation for complete marine electrical projects. From our dedicated workshops we build bespoke switchgear and control panels for various marine orientated environments. Using the latest equipment and materials our extensive and experienced team has the ability to provide a full turnkey electrical solution to meet clients requirements. Projects include superyachts, cruise liners, ferries, workboats, survey vessels and military craft.



## Vessel Construction – New build and Modifications

Alicat Workboats Ltd and sister boat builder South Boats IOW Ltd have constructed over 100 vessels in aluminium, GRP composite and steel. Vessels within the group portfolio include crew transfer vessels (CTV), wind farm service vessels (WFSV), workboats, survey vessels, patrol vessels, fishing boats, inshore fisheries vessels, environmental protection craft, barges, wherries, leisure craft, fast ferries, passenger ferries, landing craft and a range of military and para-military craft. Modifications include **vessel extensions** from design through to completion.



## Refit

For customers looking to modify or refit the interior of their vessels Alicat can design and project manage the whole project for you. With skilled craftsmen onsite the team can carry out minor repairs to complete redesign and refit. Welders, painters, joiners, plumbers, window fitters, diesel engineers and fitters, hydraulics specialists, draftsmen, CNC machinists and electricians are all available onsite. Parts and materials can be purchased through our procurement team.



184m  
of Quay  
Heading







## Fabrication

Alicat Fabrications has a large fully equipped workshop onsite, fabricating to customers designs or through our own design team, projects include oil and gas fabrications, divers decompression chambers and frames, launch systems and A-Frames, various marine and industrial winches. Our highly skilled workforce are certified to BS EN 15614-1 and ASME IX, are DNV/BV compliant, in addition to being certified to ISO9001:2008 and Execution Class 4 (EXC4) for the fabrication of steel structures in accordance with BS EN 1090-1.

**Plate Rolling** – We have the ability to roll up to 6 metre wide plate.



## Stainless Steel Fabrication

Working from a dedicated contamination free workshop our highly skilled team of engineers and coded welders manufacture and repair bespoke stainless steel projects to exacting standards. An integral part of our repair and new build departments, this specialist division services the daily stainless steel needs of our customers supplying products including our Alicat designed DNV approved water tight doors, hatches, hand rails and tanks. Our repair service also include propeller repairs. DNV compliant.



## Precision Engineering/ Machine Shop

Our highly skilled machinists can turn or mill bespoke components onsite to suit your exact requirements. Individual items and batchwork can be machined on state of the art CNC equipment in a variety of materials including steel, aluminium, brass, nylon, plastic and stainless steel. **Propeller Services & Parts** – Propeller repair and balance in house. Shafts and nuts machined onsite.



## Diesel Engineers & Parts Sales

Our team of diesel engineers can carry out repairs onsite or in situ. Engines can be removed, stripped down and rebuilt with maximum efficiency for minimum downtime. Available 24 hours a day, 365 days a year, our engine specialists have been trained by most major engine manufacturers. Parts for all major brands are available from stock and can be shipped worldwide. 24/7 Emergency breakdown assistance onsite or in situ.



## Engine Dynamometer Testhouse

An ONSITE dynamometer test house provides a comprehensive tuning and testing service for your engines. With twin test beds testing up to 1000bhp and 2000bhp respectively, the dynamometer checks for faults and enables the engineers to maximise the performance of the engine. Being part of a quayside facility means that unlike some of our competitors no time is lost on road transport to other parts of the country and associated lost time and money. It also gives the owner or operator the opportunity to witness the test.



## Hydraulics

Our specialist hydraulics engineers provide 24 hour emergency coverage for any of your hydraulics needs. Whether it be repairs, installations, spare parts or commissioning, our engineers are able to carry out work onsite or in situ thanks to our specially fitted out service vans. As official Gates' stockists a good supply of hoses and fittings are held in our stores. Hoses and fittings can be made up to order, supplied and fitted or shipped to you. Oils and lubricants are also held in stock.



## Joinery

Alicat Workboats has an extensively equipped workshop providing joinery services and carry out minor repairs to full refit. The workshop includes surface / thickness planers, chain and chisel mortiser, spindle moulder, double head tenon cutter, 600mm rip saw, dimensional sheet cutter, and assorted chop and band saws. Our carpenters are highly skilled, work onsite or in situ, and can fulfil bulk or one off orders.



## Gantry Cranes & Plant

The main construction sheds and fabrication workshops have numerous overhead gantry cranes meaning the easy movement of vessels, fabrication projects and equipment around the workshops, quickly and safely. This also enables us to utilise our available space and maximise the amount of simultaneous projects we can undertake. The facility also has a mobile 30 tonne crane, scissor lifts, cherry picker and multiple forklifts to support your team and waterside assistance. The facility can also accommodate larger third party cranes.



7000m<sup>2</sup>  
of lay down  
areas







## Facilities and Amenities

The facility has multiple 'aircraft style' steps, and several gangways for the safe and easy access to and from your vessel. Scaffolding is available to hire and the support team has multiple cranes and plant available to support your crew requirements. The site also has numerous electrical shore supply units and water supply outlets. There is a toilet block c/w shower. **Prime Location** - Alicat is 5 minutes from Great Yarmouth and 20 minutes from Lowestoft, and is on the main bus route. We are 10 minutes in a taxi from the nearest railway station or 40 minutes away from Norwich International Airport.



## Stores

Well stocked stores are available to you and your crew to purchase a wide selection of materials and parts. Offering a range of parts from nuts, bolts and washers to engine parts, fittings, hoses, paint, specialist coatings, safety equipment and consumables. As official Gates' stockists, bespoke hoses and fittings can be made up onsite. Our machine shop is just next door so bespoke components can be manufactured onsite too.



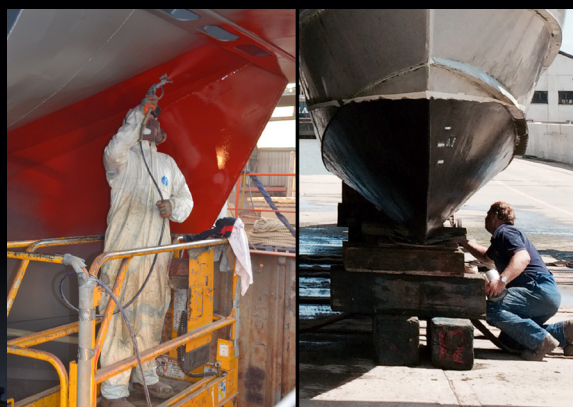
## Pressure Washing & Blasting

Pressure washing and blasting are available onsite. Regular de-fouling of a vessels hull and changing anodes are key to retaining a vessels speed and efficiency. Alicats Yard Service Team can quickly and efficiently lift your vessel, carry out these services and return your vessel to water in two or three hours (subject to schedule). Blasting services can also be carried out onsite in preparation of painting and applying anti-foul.



## Fully Equipped Service Vehicles

Alicat Workboats has an extensive fleet of fully equipped service vehicles. Covering virtually all services, our vehicles enable our engineers to carry out vital work in situ. If you are unable to come to us, we will come to you providing Global-wide assistance. Our engineers can provide diesel engineering, hydraulics, electrical repairs, navigational repairs, plumbing and also supply a vast array of lubricants, parts and pre-made up hoses. Alicat Workboats operates a 24 hour out of hours service. Details can be found on the back cover.



## Painting and Anti-Foul Coatings

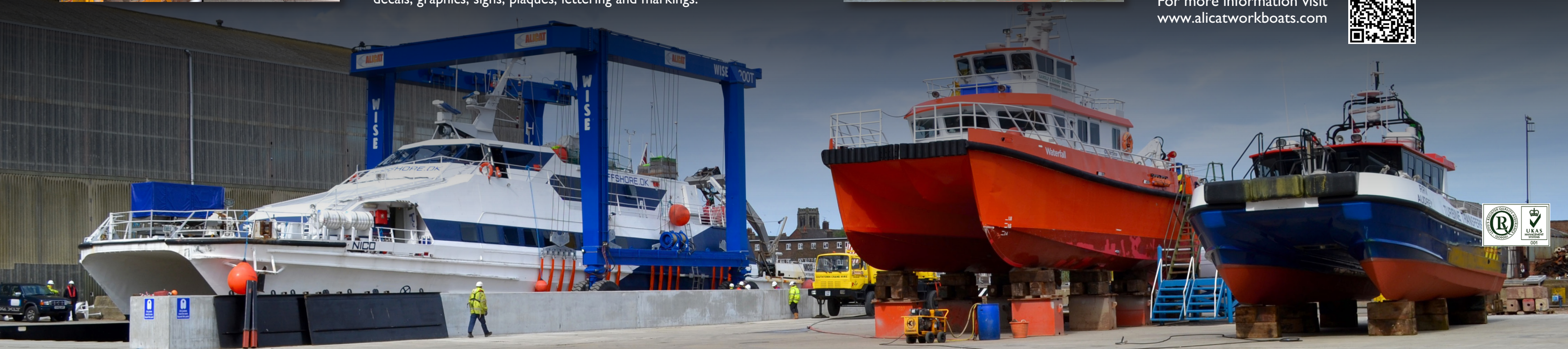
Our experienced painters can paint your vessel to your exact requirements. Minor cosmetic touch ups, deck painting, interior painting or full vessel repaint, our team are here to assist you. Paint is supplied from all major paint companies. We also specialise in the application of anti-foul coatings. With several options available we can procure and apply to exact manufacturers recommendations to protect your vessel and maximise the efficiency and life of your hull. Our team can also supply and fit new livery, decals, graphics, signs, plaques, lettering and markings.



## Vessel Sales and Charter

Alicat Workboats can build and supply vessels from the Alicat Workboats Ltd. and South Boats IOW Ltd ranges as well as other third party designs under licence or individuals own design. We have vessels available for bareboat charter or sale. Alicat Workboats have a wide range of proven designs. Please get in touch to discuss your requirements.

For more information visit [www.alicatworkboats.com](http://www.alicatworkboats.com)





*Alicat Workboats Ltd. takes the health and safety of our staff, contractors and customers seriously. The company is ISO9001:2008 Certified and operates a Health and Safety Management system. Our fabricators are BS EN 15614-1 and DNV/BV approved, in addition to holding BS EN 1090-1 at Execution Class 4 (EXC4) for the fabrication of structural steelwork. Alicat are members of the National Workboat Association and FPAL registered.*



## 24 hour service, 365 days a year

Our normal office hours are 8.00am - 5.30pm Monday to Friday. If you need to contact our service team outside of office hours please follow the three steps below.

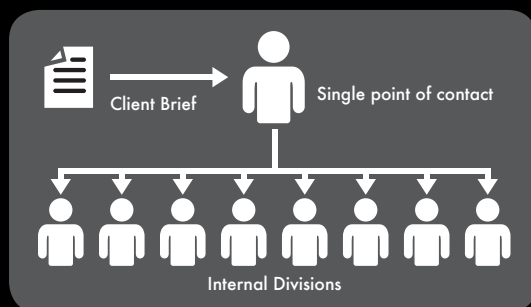
- Step 1** Call the main switchboard number +44 (0)1493 655171
- Step 2** Leave a voicemail on our answer machine stating your name, contact details and what service you require. Your message will be emailed to our service team.
- Step 3** The relevant person will contact you.

### **ALICAT WORKBOATS LIMITED (Berths 29)**

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