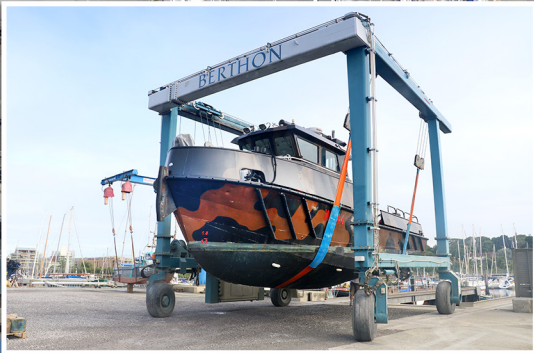


BERTHON

MARINE SERVICES

CAPABILITY STATEMENT



BERTHON

Berthon Boat Co Ltd, The Shipyard, Lymington, Hampshire, SO41 3YL, United Kingdom

Tel: +44 (0) 1590 673 312

projects@berthon.co.uk

www.berthon.co.uk

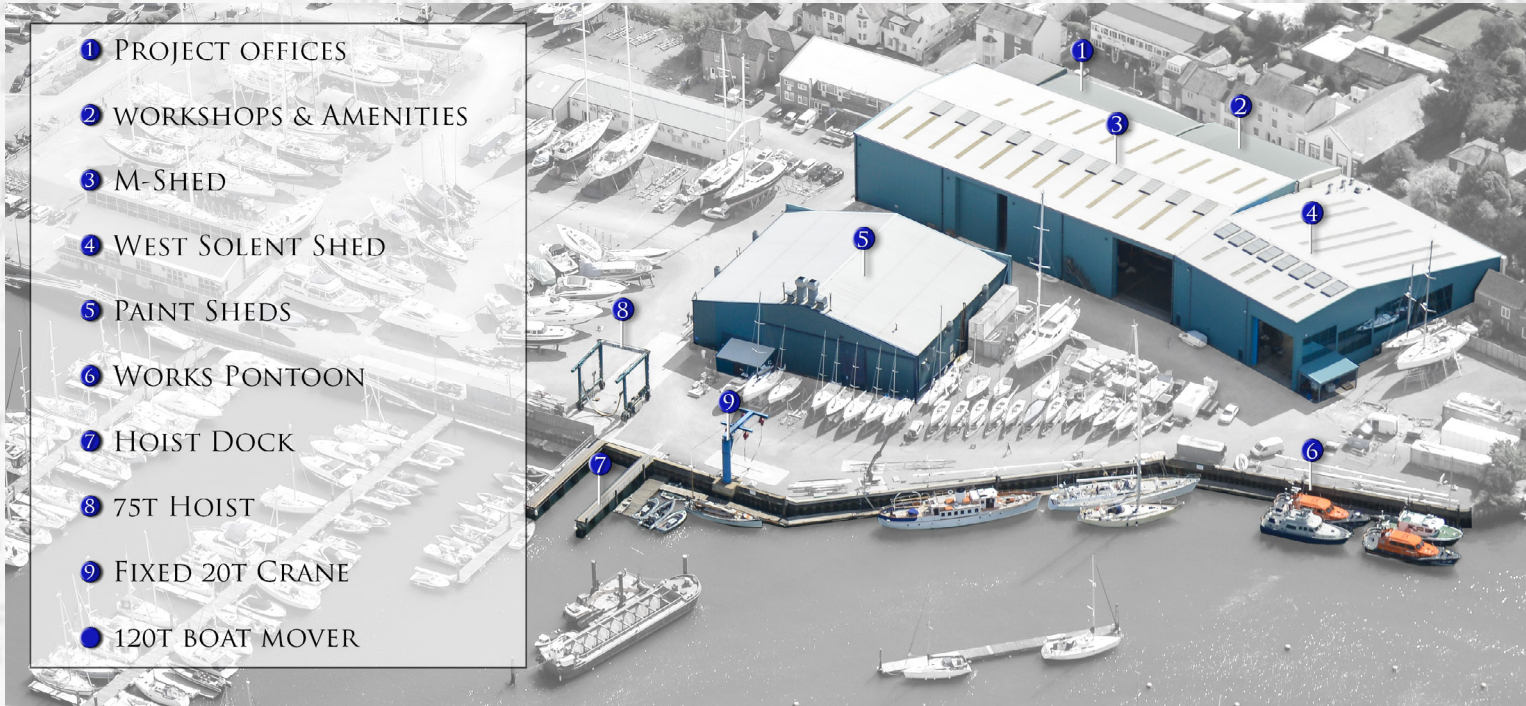


PROUD MEMBER OF
BRITISH MARINE
LEADING THE INDUSTRY

CAPABILITY STATEMENT

Berthon Boatyard

- 1 PROJECT OFFICES
- 2 WORKSHOPS & AMENITIES
- 3 M-SHED
- 4 WEST SOLENT SHED
- 5 PAINT SHEDS
- 6 WORKS PONTOON
- 7 HOIST DOCK
- 8 75T HOIST
- 9 FIXED 20T CRANE
- 120T BOAT MOVER



Berthon repairs, refits and builds boats that are used around the world in a diverse range of roles including pilotage, Search & Rescue and security & defence for both public & private sector clients.

Trading continuously since 1877, Berthon's boatyard forms part of the 40,468 sq/m site, which includes engineering workshops, spotlessly clean undercover heated sheds, paint booths and boat moving equipment. With direct access to the Solent and English Channel, sea trials can be undertaken in both sheltered or open waters at all states of tide. Boats can be shipped overseas direct from nearby Southampton Water.

"Berthon has built 36 lifeboats: Arun, Severn and Shannon and indeed they've built all the Shannon's so far, that we have had. Berthon has displayed amazing qualities during the build and I think this is down to the teamwork within the organisation. Every single person in Berthon gets involved and discharges their responsibility to ensure that we receive a world class product. It's proof because the crews are very proud of the boats that they get and, so far, in the last 30 years, Berthon lifeboats have saved 584 lives."

Charles Hunter-Pease, Chairman RNLI



SHANNON LIFEBOAT PRODUCTION LINE

BERTHON

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PROUD MEMBER OF
BRITISH MARINE
LEADING THE INDUSTRY

CAPABILITY STATEMENT

Facilities and Management

Project Management & Administration

Berthon's project management offices overlook the main floor of M-Shed. This means our managers are linked to the refit projects at all times, and workers have direct access to managers for decision making. Berthon maintains owner/operator office space that allows clients access to on-site office facilities, should they require a presence whilst projects are on-going. The accounts and administration offices are also located within the M-shed building.

M-Shed (2,578 sq/m)

West Solent Shed (1,154 sq/m)

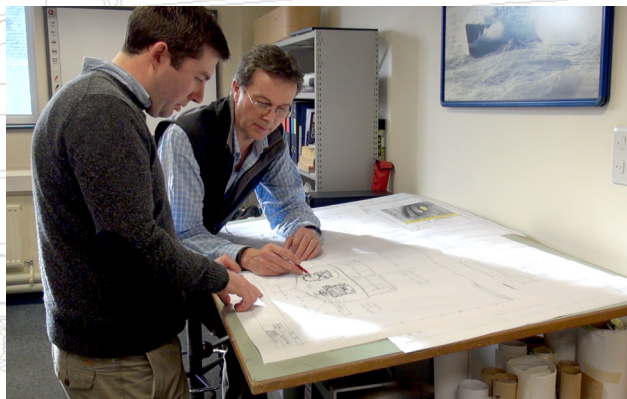
Both M-Shed and the West Solent Shed are fitted with mezzanine floors providing easy and safe access to boats. Berthon's separate workshops for shipwrights, engineers, electricians and riggers are adjacent to projects and production lines. All project managers and skilled employees have DECT phones for effective and timely communication.

Paint Shed (1,149 sq/m)

Berthon has a large, modern paint facility. The main glossing booth is flanked by two similar sized preparation booths, with a smaller component spray booth adjacent, allowing both hulls and minor items to be painted with air flow, temperatures and curing times adhering to the paint manufacturer's specific guidelines.

"Berthon has proven to be one of the best organisations with which we've worked, to be able to deliver such a complex product as the Shannon Lifeboat."

Charles Hunter-Pease, Chairman RNLI



PROJECT MANAGEMENT AND ADMIN



WEST SOLENT SHED



PAINT SHED GLOSSING BOOTH



M-SHED

BERTHON

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CAPABILITY STATEMENT



WOODWORKING AREA

Shipwrights' Workshop

The shipwrights' workshop is located on the 1st floor adjacent to M-Shed. It provides the full range of facilities and machinery for boat maintenance, refit, and repair, including woodworking and GRP lamination. In addition, there are a range of air-powered and electric hand tools available.

Berthon employs shipwrights who carry out the full range of boat construction, general fit out, composite laminating and joinery work.

Marine Engineering Workshop

The engineering workshop is located on the ground floor adjacent to M-Shed. It contains a comprehensive range of machinery used for metalwork, machining, engine stripping and equipment repair. The machine shop equipment includes a lathe, milling machine, drilling machines, band saws, cross-cut saw, planer, grinders and polishers. Metalworking facilities include a plasma cutter, plate folder, plate roller, and hydraulic tube bender. Welding facilities include MIG and TIG for aluminium, stainless steel, and arc welding for steel. In addition, there is the full range of air-powered and electric hand tools available.

Berthon employs marine engineers to carry out mechanical fit outs, pipe fitting and plumbing, engine servicing and repairs and fabrication and welding on boats in build or in refit or repair.



SHANNON MAST ASSEMBLY IN ITS JIG

Electrical Workshop

The electrical workshop is located on the ground floor adjacent to M-Shed. Electrician's equipment and tools include insulation resistance and continuity testers, multi-meters, socket testers, battery testers, battery chargers, battery drop testers and soldering equipment. They also have access to an engraving machine and label printer. In addition, the workshop is equipped with a pillar drill, rivet gun, crimpers and other tools.

Berthon employs skilled and experienced marine electricians qualified in 12/24V DC and 240V AC electrical systems. Work ranges from complete installations, re-wires, modifications and repairs to boats electrical circuits, to the installation of electronic navigation and communication equipment.



MARINE ENGINEERING WORKSHOP



COMPOSITE & GLASS CUTTING



INSTALLING TWIN CATERPILLAR C18 810HP ENGINES

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LEADING THE INDUSTRY

CAPABILITY STATEMENT

"We decided to refit Providence rather than build a new vessel. Providence was favoured by her crew but let down by ageing machinery and reliability issues and the ships systems were prone to regular failures. Berthon won the tender and proved to be pro-active and keen at all times. They were able to draw from a skilled workforce and complete all the work in-house at their excellent facilities in Lymington. They were able to manage and complete all work in the contract to a high standard and Providence is now good for a further 10-15 years. The new engines make a fuel saving of 20 litres per hour of operation and the reliability of the craft continues to give us peace of mind. Berthon's thorough approach to aftercare has been impressive too"

Dan Brown, Operational Maintenance Supervisor, Associated British Ports (ABP)

Additional Facilities and Services

Abrasive blasting area

Berthon has a dedicated blasting area in the shipyard that enables the quick and efficient removal of paint coatings from workboats. This area is conveniently located north of the West Solent Shed away from the main working areas of the yard. We use a range of compliant blasting media to suit the vessel substrate, paint system and required finish. All used blasting media and paint is collected and disposed of in an environmentally friendly way as hazardous waste.



ABRASIVE BLASTING AREA

Berthing & ashore storage

One of the first yacht marinas to be built in the UK, Lymington Marina offers 280 deepwater, well-protected Lymington River berths for boats up to 45m (150ft) as well as secure ashore storage for boats up to 120T. The marina offers excellent facilities for short and long term stays including: 24 hour security, shore power, water, fuel (diesel and petrol), showers, a launderette, and ice.



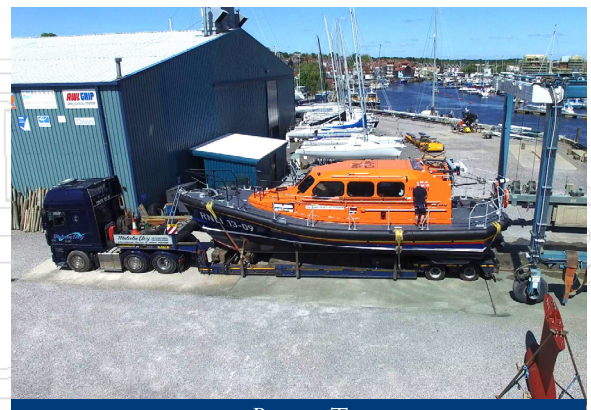
BERTHING & ASHORE STORAGE

Logistics - transport & delivery

Berthon offers an experienced delivery service for our private, commercial and defence clients, underpinned by excellent logistics. We offer boat transport worldwide via expert shipping partners, or alternatively finished boats can be delivered by sea on their hulls by our qualified skippers and crew.

In-service support – maintenance & repair

Berthon provides vital in-service maintenance support and repair services to private, commercial and defence sectors. This involves everything from sourcing parts, design consultancy, planned maintenance, routine servicing and repairs, through to major life extension refit programmes where minimising downtime is an absolute priority.



BOAT TRANSPORTATION

BERTHON

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PROUD MEMBER OF
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Certificate of Recognition and Appreciation

3 ARUN CLASS, 21 SEVERN CLASS AND 12 SHANNON CLASS ALL-WEATHER LIFEBOATS



Arun
Length: 16m
Max speed: 25 knots
Range: 250 nmiles
Crew: 6



Severn
Length: 17.3m
Max speed: 25 knots
Range: 250 nmiles
Crew: 6-7



Shannon
Length: 13.6m
Max speed: 25 knots
Range: 250 nmiles
Crew: 6



This certificate celebrates the long and successful partnership between Berthon Boat Company and the Royal National Lifeboat Institution (RNLI). This partnership has played a key part in equipping the RNLI in its mission to save lives around the coasts of the UK, Republic of Ireland, Isle of Man and Channel Islands.

Between 1986 and 2015, the RNLI and Berthon worked together to build 3 Arun class, 21 Severn class and 12 Shannon class lifeboats.

Total lives saved between 1986 and 2015: 584

Charles Hunter-Pease, RNLI Chairman

