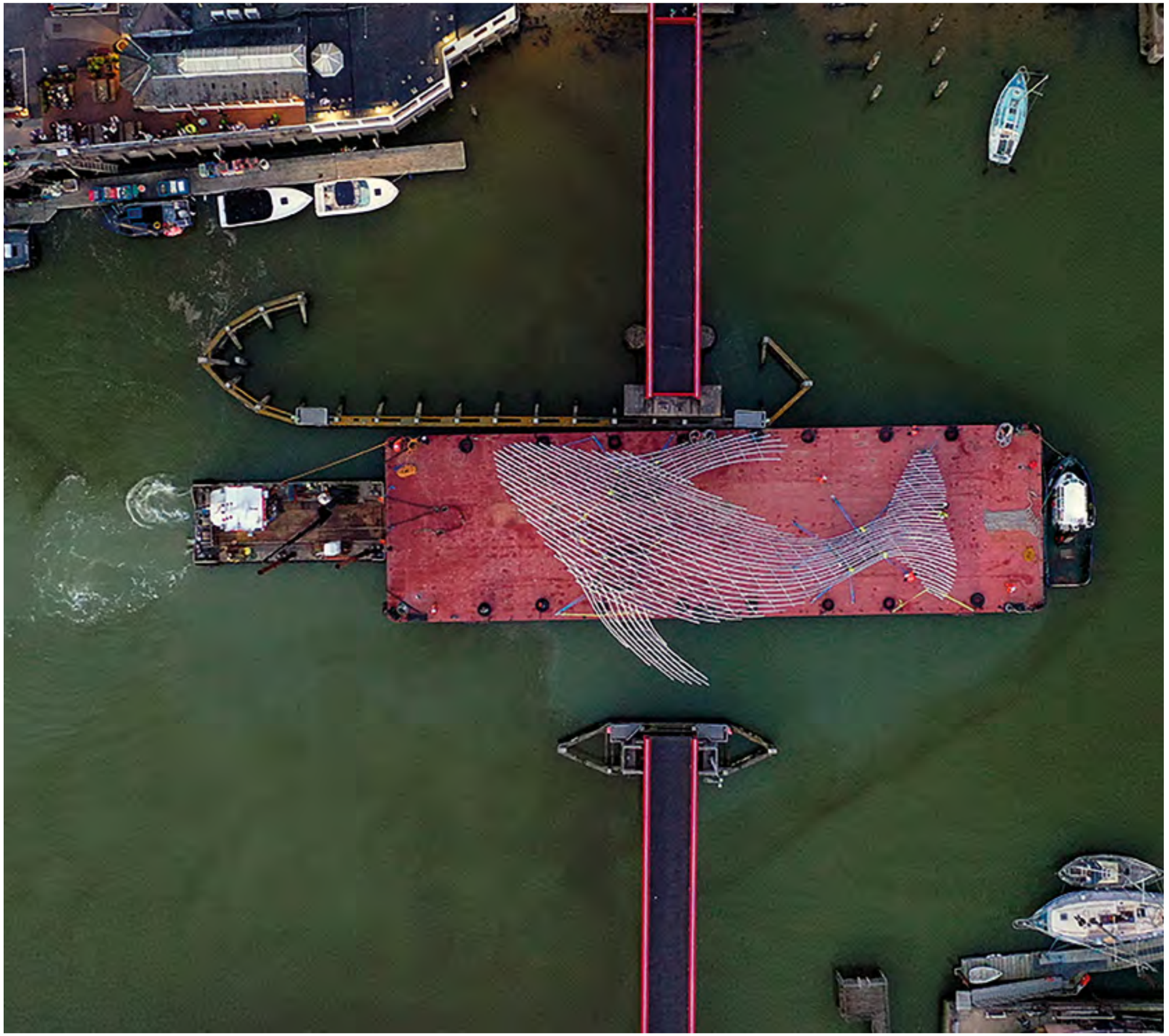
Malin Group

Engineering Innovation



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Our Story

Over 125 years of innovative engineering

Malin Group has a rich heritage that dates back to 1899 and the founding of Henry Abram & Sons by Henry Abram. Today, the Group is focused on delivering innovative solutions that support the evolving needs of the maritime, energy and transportation sectors, both in the UK and around the world.

Through continued investment in technology, infrastructure and specialist skills, Malin Group is helping shape the next generation of engineering and marine services. Its diverse capabilities enable the delivery of complex, high-value projects across multiple industries, while driving innovation, sustainability and operational excellence.

Proudly based on the Clyde, Malin Group remains committed to supporting the region's maritime sector while expanding its global reach. Building on a strong foundation of experience, the company is focused on creating new opportunities, advancing industry capabilities and contributing to a resilient and sustainable future for maritime engineering and transportation.

Malin Group today spans a range of specialist business units, which together offer a full range of skills and expertise perfectly suited to serve our clients requirements.

- Malin Abram specialises in heavy lift project cargo shipping and handling. This includes full turnkey projects where all trailer hire, craneage, shipping, engineering, temporary steelwork fabrication, chartering, and operational planning and oversight is managed and executed by one in-house team.
- Malin Marine Consultants offers a range of specialist technical services across a broad spectrum of engineering disciplines, specialising in feasibility, concept and FEED solutions, and design for production and advanced manufacturing technologies.
- Malin Equipment offers a range of marine equipment, both off the shelf and engineered products. They also support clients to manufacture and productionise their own designs.
- John Tracey Specialist Welding offers clients a fully comprehensive specialist welding service, from welding inspection, to welder testing and training and consultancy. The team have experience working in many industries, operating from a fully equipped workshop while also servicing sites.
- Malin Augustea is a joint venture with an internationally renowned tug and barge owner, offering a 137 metre semi-submersible barge, one of the largest in Europe.
- The Scottish Marine Technology Park (SMTP), 60 acres of brownfield land, which is being transformed into a manufacturing and technology park focused on the marine sector with open access to quay frontage and the deep-water channel of the Clyde. It will also be the site of the Manufacturing Supply Chain Development Centre (MSCDC).

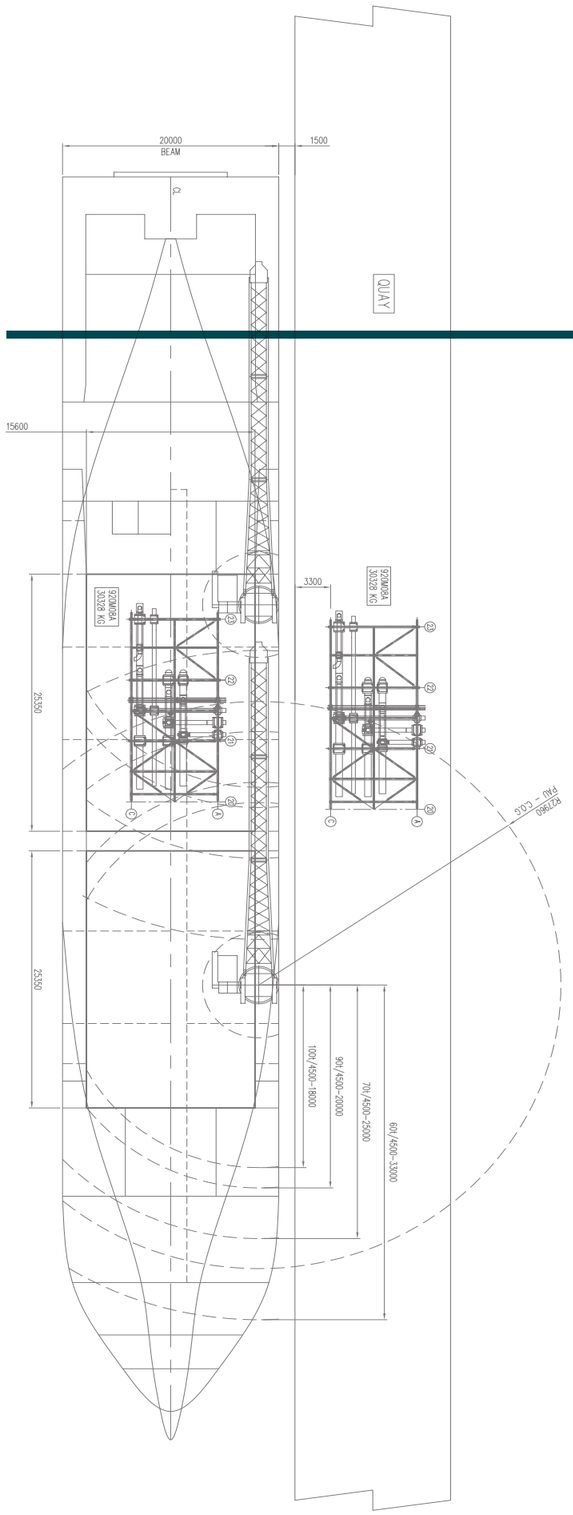
Malin Abram: Heavylift Transportation

Engineering innovation, delivered with quality

Malin Abram works with our clients worldwide to provide a value added service across all facets of heavy lift, including technical, operational and project management services. We are driven by our client's needs – we work to ensure clients hire the optimum level of equipment from as wide a supply chain as possible, giving the best overall outcome at a realistic price.

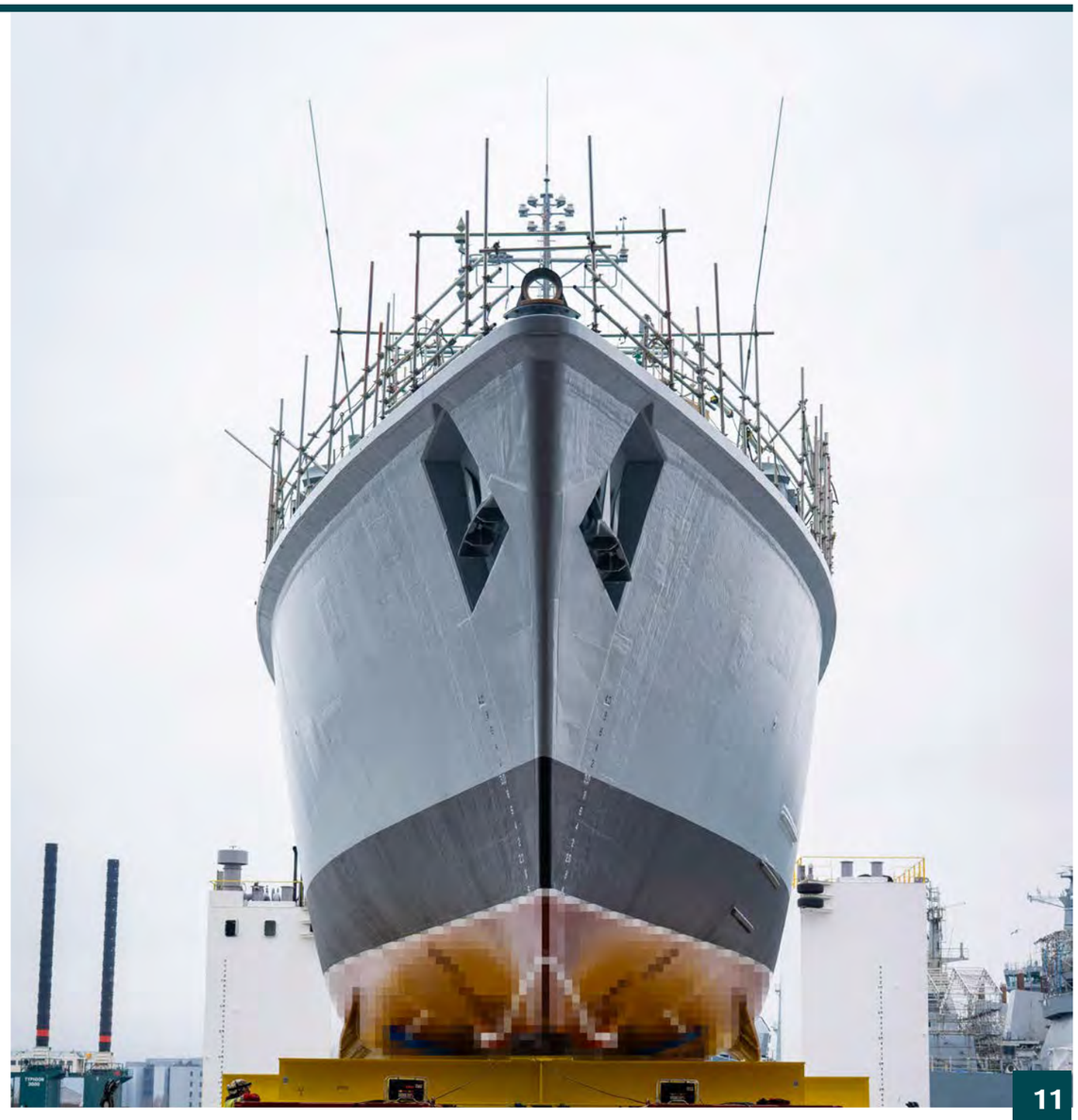
Through feasibility studies, we work with clients pre-tender to identify optimum solutions for handling, movement, lifting, shipping and installation. This significantly de-risks the operational phases, by solving many operational issues at the earliest stage.

The team can offer full turnkey pricing on all heavy lift projects, with the scope tailored fully to meet your needs. We can complete all operations on your behalf, from hiring all equipment, as well as assessing the integrity of the cargo for handling. We offer project management expertise in the area of transportation, no matter how specialist, as well as a full range of technical services. These include cargo verification studies, in addition to the design and build of complex lifting and handling equipment.



Heavy lift to us is more than the operational side of supplying cranes, ships, barges and heavy haulage. Our team of engineers carefully assess our clients needs to provide practical, economical, and often novel transport and lifting solutions. Our engineers work closely with our clients, to achieve a cohesive “team” based approach to solving their transport challenges.

- Heavy lift shipping services
- Turnkey load-out and float-off
- Complex marine lifting
- Heavy haulage
- Warranty and 3rd party review
- Heavy lift engineering



Malin Marine Consultants

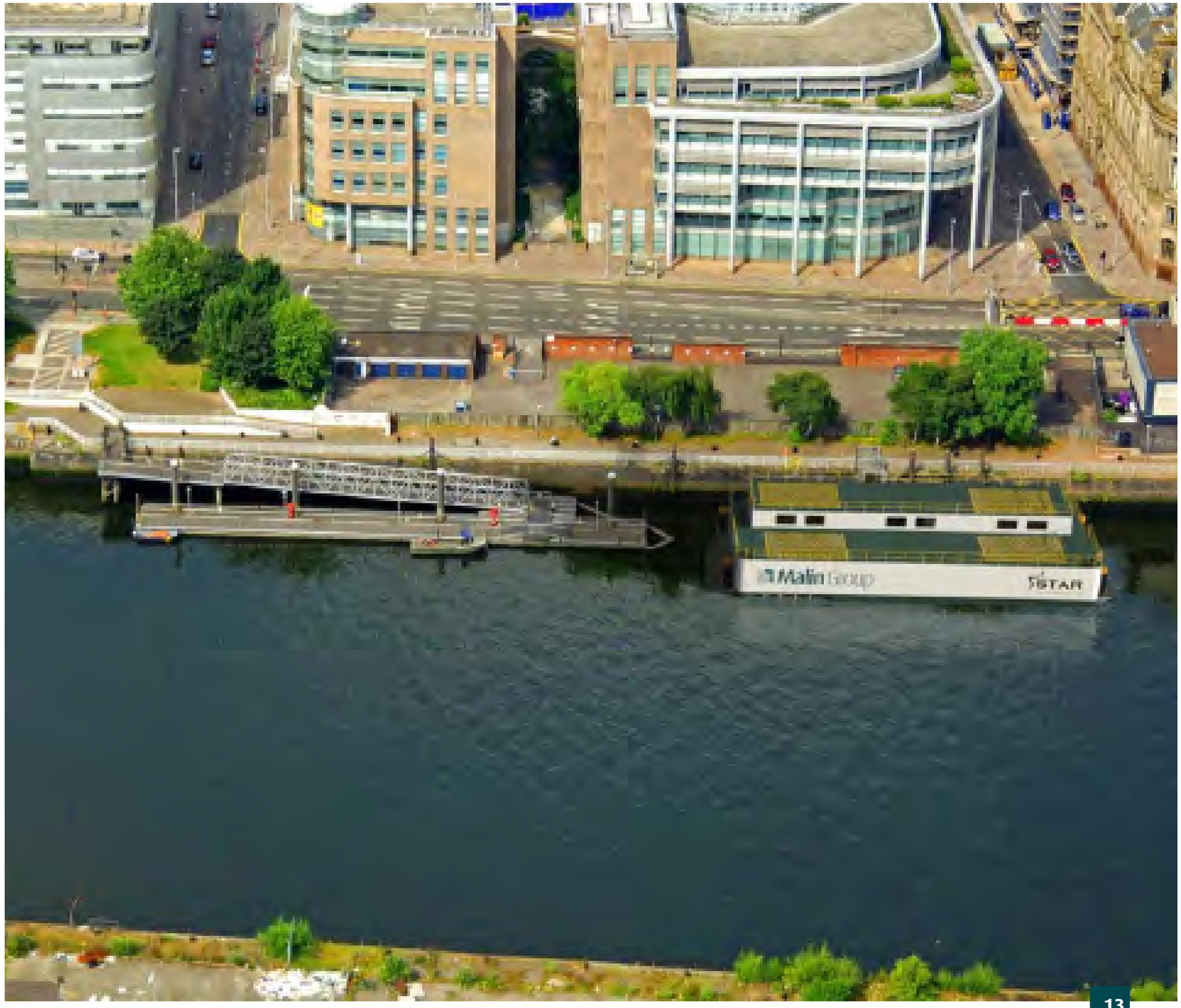
Engineering confidence for complex sectors

Malin Marine Consultants thrives on complex marine engineering challenges, applying a broad and adaptable skill set to deliver practical, high-quality solutions. With expertise spanning naval architecture, structural analysis, advanced modelling, and manufacturing, MMC tailor our approach to each client's unique operational needs.

Our team combines creativity with real-world experience to engineer solutions that are robust, efficient, and ready for deployment. Our expertise enables clients to manage technical risk, achieve regulatory compliance and deliver safe, efficient and resilient assets in highly regulated, and mission-critical environments.

MMC supports a diverse client base spanning defence organisations, nuclear operators and contractors, ferry and commercial vessel operators, shipyards, marine civil engineering firms and infrastructure owners. Our projects range from regional programmes on the Clyde to complex international assignments, often involving safety-critical assets and technically demanding operating environments.

- Stability, structural and mooring analyses
- Feasibility, concept and FEED solutions
- Low emission propulsion systems
- Design for production and advanced manufacturing technologies
- Launch and Recovery Systems (LARS) analysis
- Naval architecture
- Warranty & third party review



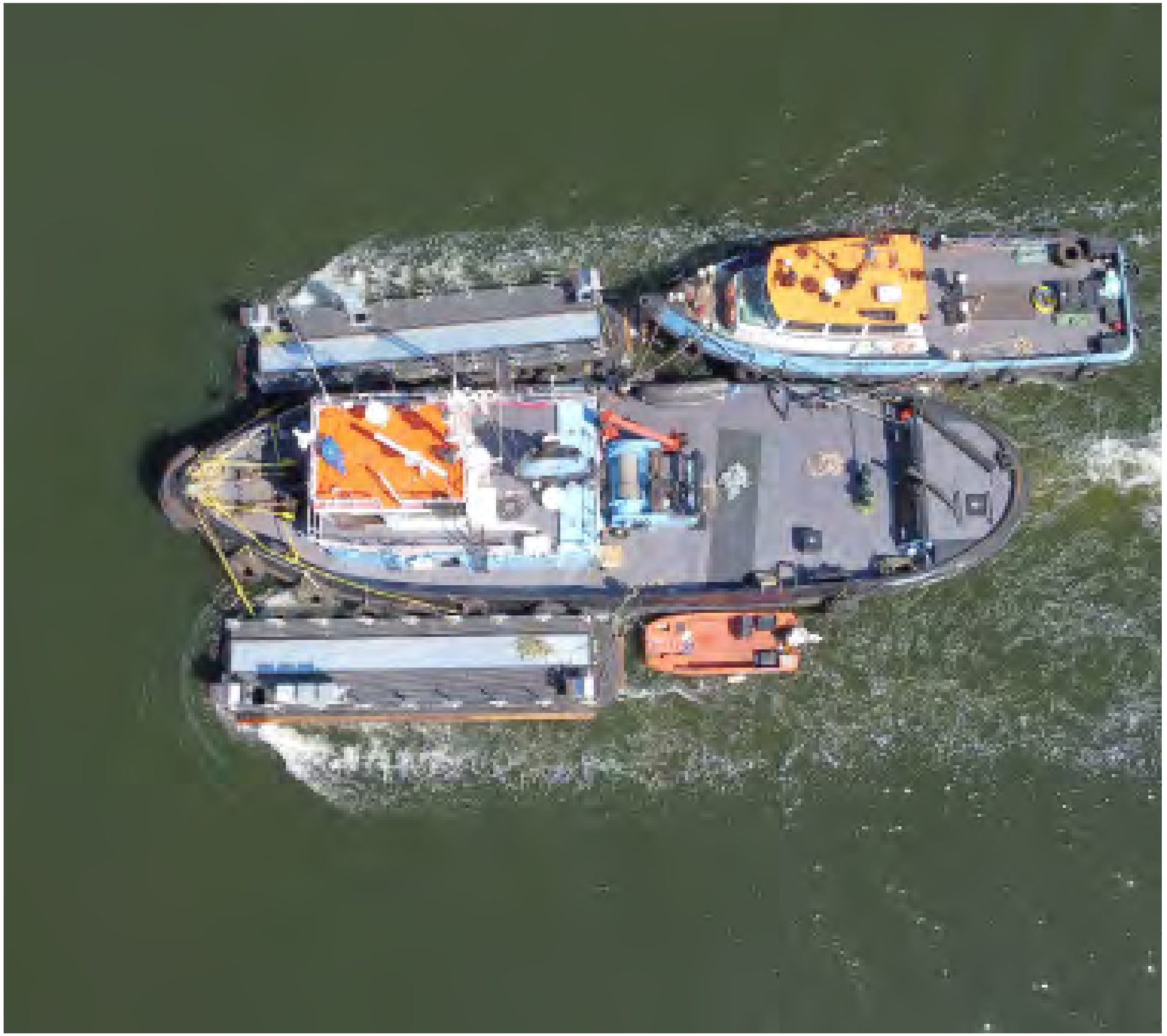
Malin Equipment

Critical by design

Malin Equipment provides a comprehensive portfolio of marine equipment, spanning both proven off-the-shelf products, and fully engineered, bespoke solutions. Backed by the strength and depth of Malin Group, the team draws upon extensive in-house resources and multidisciplinary expertise to successfully deliver large, technically demanding projects.

Our offering is underpinned by Malin Group's long-standing experience in managing complex marine operations and heavy lift activities.

At the core of Malin Equipment is a highly experienced team of engineers, naval architects and project managers, specialising in complex marine programmes, particularly within the defence, submarine and subsea sectors. We understand the stringent technical, safety and regulatory requirements that govern these industries and deliver solutions aligned with the highest standards of compliance and assurance.



Our in-house engineering capability enables the development of innovative new products and tailored solutions to meet specific client requirements. In addition to bespoke design, we provide consultancy services and regularly support clients with the manufacture, industrialisation and productionisation of their own designs, ensuring concepts transition smoothly into reliable, operational assets.

For many clients, our service is fully turnkey, encompassing transportation, installation and on-site commissioning. This is complemented by dedicated field support teams who provide warranty services and through-life maintenance. Where required, we also undertake refit, upgrade and rectification works, extending asset life and maintaining operational readiness.

Given the critical nature of our projects and our specialist focus on defence, submarine and subsea applications, we maintain close working relationships with all major classification societies. Malin Equipment is certified by DNV to ISO 9001, ISO 14001 and ISO 45001 standards, reflecting our commitment to quality, environmental responsibility and occupational health and safety.

John Tracey Specialist Welding

Engineered precision, manufactured integrity

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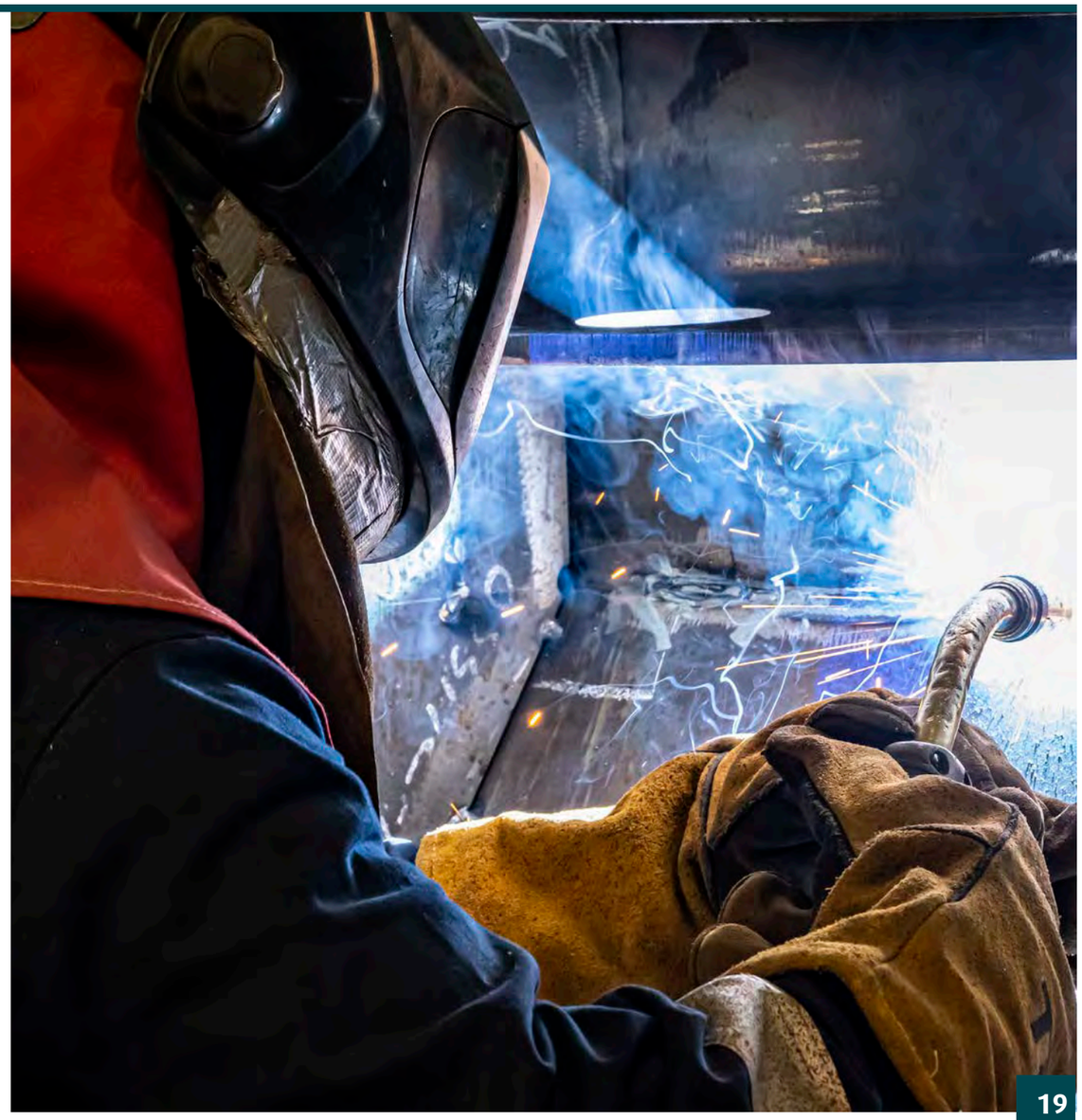
John Tracey Specialist Welding delivers specialist welding and fabrication services for some of the most demanding industrial sectors in the world, including nuclear, defence, marine, and offshore energy.

From complex manufacturing, to highly regulated safety-critical welding, our teams support projects where precision, traceability, and technical excellence are essential. Whether manufacturing small, complex structures or providing specialist consultancy, we offer a fully comprehensive welding service, covering everything from welding inspection and procedure development, to technical advisory services.

Our facilities and highly skilled personnel enable us to manufacture and assemble complex fabricated structures using a wide range of specialist materials. We continually invest in new technologies, materials and processes, ensuring our capabilities remain aligned with the evolving requirements of high-integrity sectors such as nuclear and defence. Ongoing research, training and development ensures our teams remain at the forefront of the industry, from metallurgical compatibility of new materials and consumables, to the introduction of advanced welding procedures, inspection techniques, and testing standards.



We maintain an extensive library of qualified welding procedures covering both conventional and exotic materials, including:

- Fine grain and high-strength steels
- Aluminium
- Stainless steels
- Super duplex
- Titanium
- CuNiFe (copper–nickel alloys)

Our welding processes include:

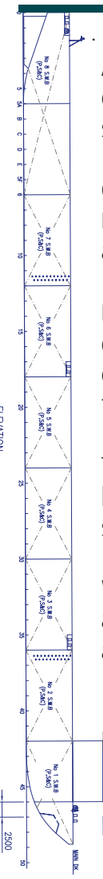
- 111 – MMA (Manual Metal Arc)
- 135 – GMAW (Gas Metal Arc Welding)
- 136 – FCAW (Flux Cored Arc Welding)
- 141 – TIG (Tungsten Inert Gas Welding)

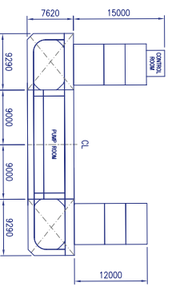
This breadth of procedures allows us to select the most effective welding solution for each application, ensuring structural integrity, performance and compliance with sector-specific standards.

We also provide a comprehensive welder testing and certification service for both organisations and individual welders seeking coded qualifications to internationally recognised standards, including BS EN 9606 and ASME IX. Successful candidates receive a unique examination and identity certificate, endorsed by recognised third-party authorities such as Lloyd's Register and DNV, providing assurance that welders meet the highest levels of competency and compliance.

CD01

A semi-submersible suited for every sector





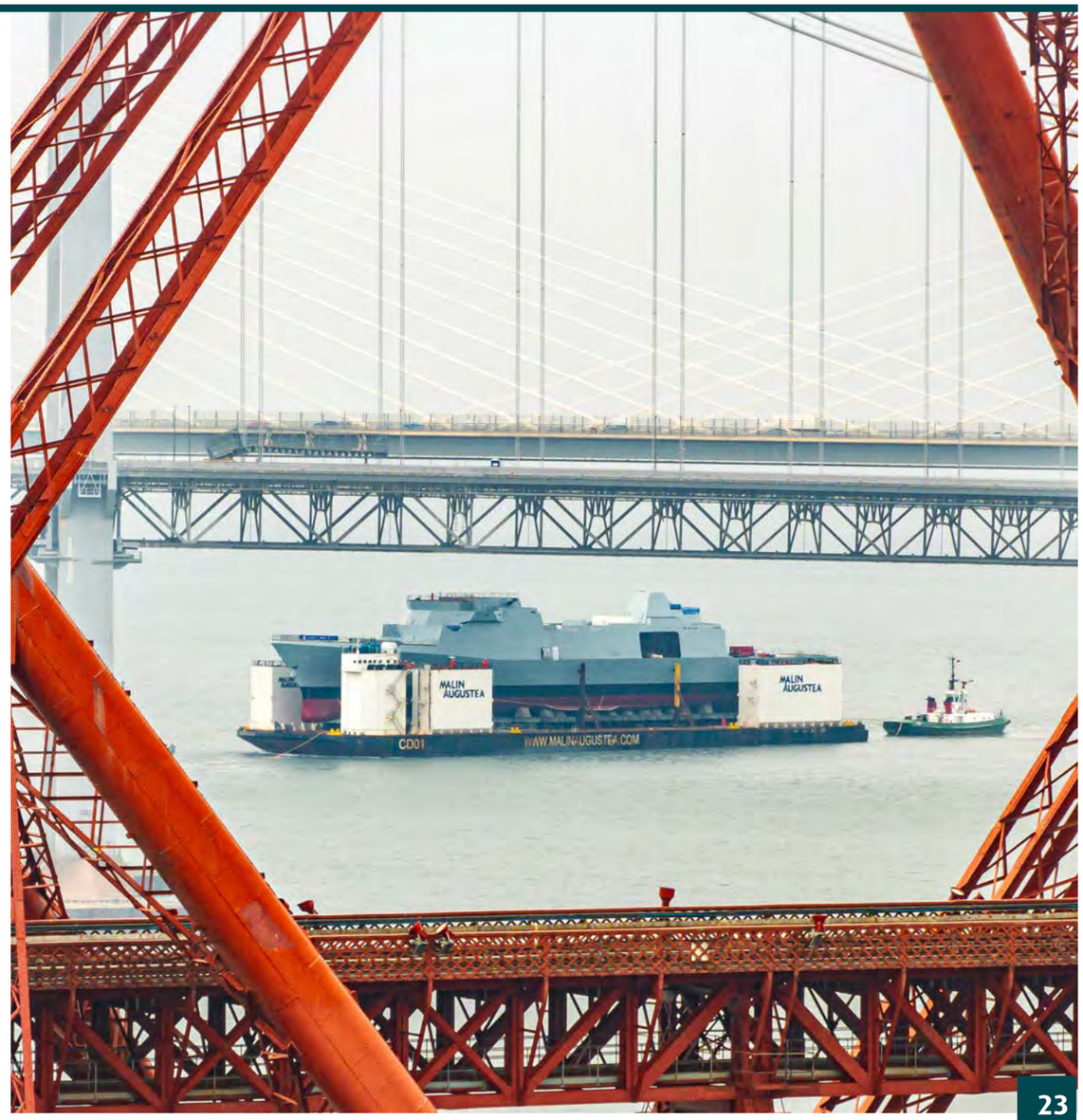
At 137 metres in length, CD01 is one of the largest semi-submersible barges in Europe, delivering a heavy lift capability that has not been available domestically in Scotland for decades. This powerful asset significantly strengthens regional capacity for complex marine transport, launch and docking operations.

CD01 has already played a critical role in major projects, including the launch of Type 26 and Type 31 frigates for BAE Systems, Babcock and the MoD. She has also supported a wide range of operations across the renewables, and oil and gas sectors.

Designed for maximum versatility, the barge can submerge up to 11 metres over deck, enabling the float-off of cargo with draughts up to 9.5 metres, depending on support configuration and clearance requirements. Her split caisson arrangement allows cargo to extend forward and aft, while the caissons themselves can be repositioned to meet specific project needs, a feature that is driving increasing interest from the offshore renewables sector.

The CD01 joint venture between Malin Abram and Augustea has created a highly capable and adaptable heavy lift solution. Thanks to its flexible design, the vessel is ideally suited to deep-sea transport of large vessels and structures, while also providing marine infrastructure capabilities for the local market.

With demand growing across nuclear, defence, oil and gas, and renewable energy, and limited infrastructure available to support these sectors, CD01 offers a highly sought-after solution, combining strategic location, scale and versatility to support the next generation of complex marine projects.



SCOTTISH MARINE TECHNOLOGY PARK

Empowering Scotland's maritime and advanced manufacturing future

The Scottish Marine Technology Park (SMTP) will provide a unique environment for world-leading innovators in the marine industry to co-locate and create a self-sustaining eco-system designed to reinvigorate shipbuilding and renewable industries on the banks of the Clyde, and beyond.

Based near Old Kilpatrick, the SMTP site consists of almost 50 acres of developable space, with direct access to the deep-water channel via a deep-water quay with a heavy ship hoist.

Located within Scotland's largest labour catchment (1.8 million population within the Glasgow city region), supplemented with steady student numbers, the SMTP will utilise and develop the existing talent and skills in Scotland while simultaneously attracting new talent to the area.

With every aspect of the SMTP focused on a net zero future, the park will create a sustainable environment which fosters collaboration, enabling organisations to work together to develop new ways of working where technology is harnessed to create efficiencies and drive forward the marine manufacturing industry.

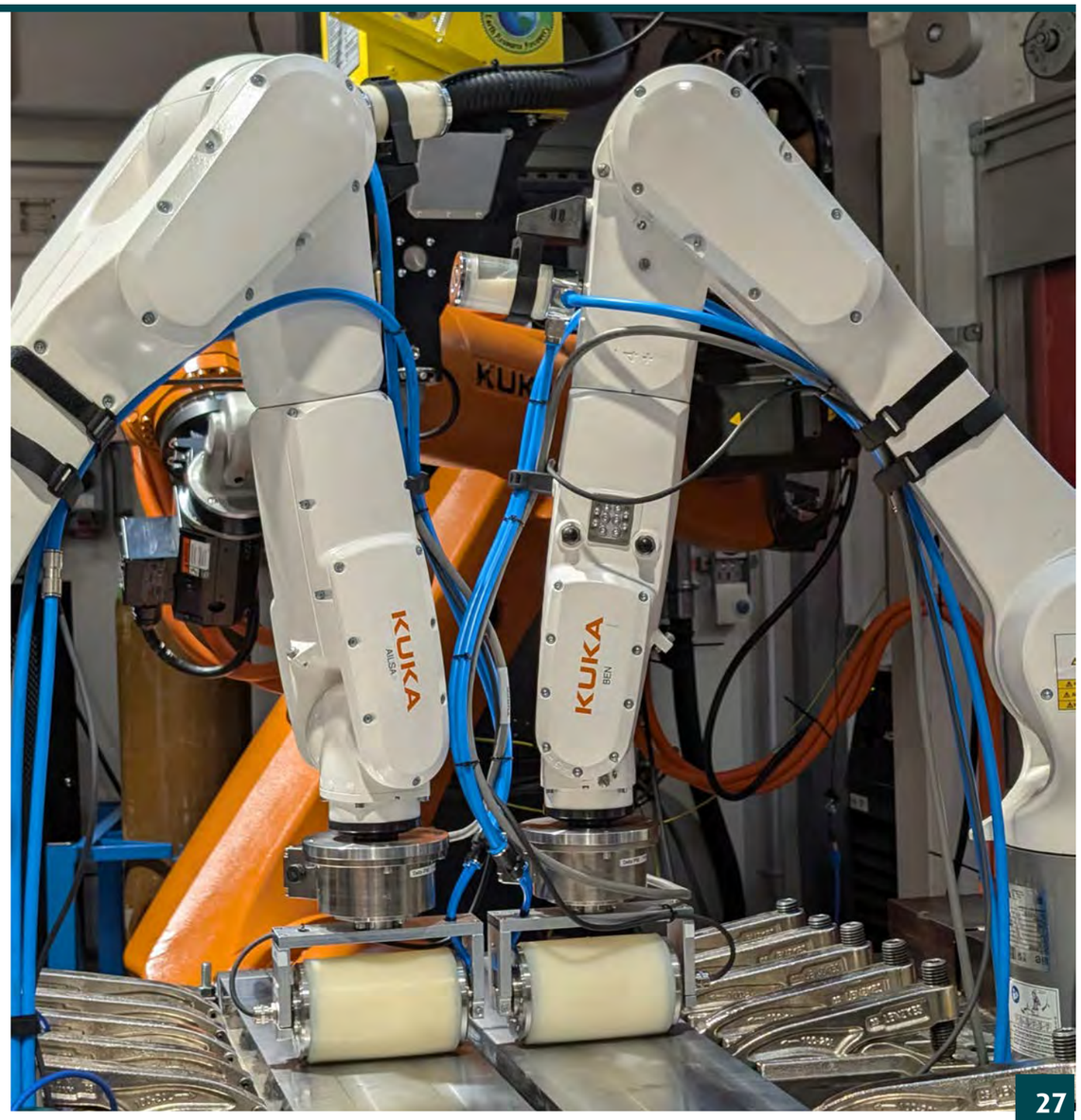
The illustrative masterplan for the site demonstrates the significant and flexible development opportunities available, with the potential to develop up to 30,000 square meters of commercial floor space. The masterplan was designed with flexibility in mind; to ensure that all occupiers requirements are met, whilst remaining compliant to the overall masterplan strategy. In short, flexibility is paramount.

The Maritime Supply Chain Development Centre (MSCDC), based at the Scottish Marine Technology Park (SMTP), is the Clyde's 'Anchor for Opportunity,' designed to transform how SMEs engage with innovation and drive competitiveness in maritime and adjacent sectors.

MSCDC is not a traditional research centre. It will be a purpose-built platform developed around the realities, challenges, and ambitions of SMEs. Its mission: to accelerate the adoption of technologies through practical, low-risk, cost-effective deployment support.

- Short-to-medium term focus: Projects are structured for immediate impact, not 5-year timelines.
- Lean, adaptable operations: Designed to lower barriers and reduce risk for SME participants.
- Hands-on innovation: Technologies are tested in real-world conditions using client-supplied materials, delivering useable and deployable solutions.

This is bare-bones innovation without the red tape. Instead of chasing theoretical excellence, MSCDC delivers what matters.



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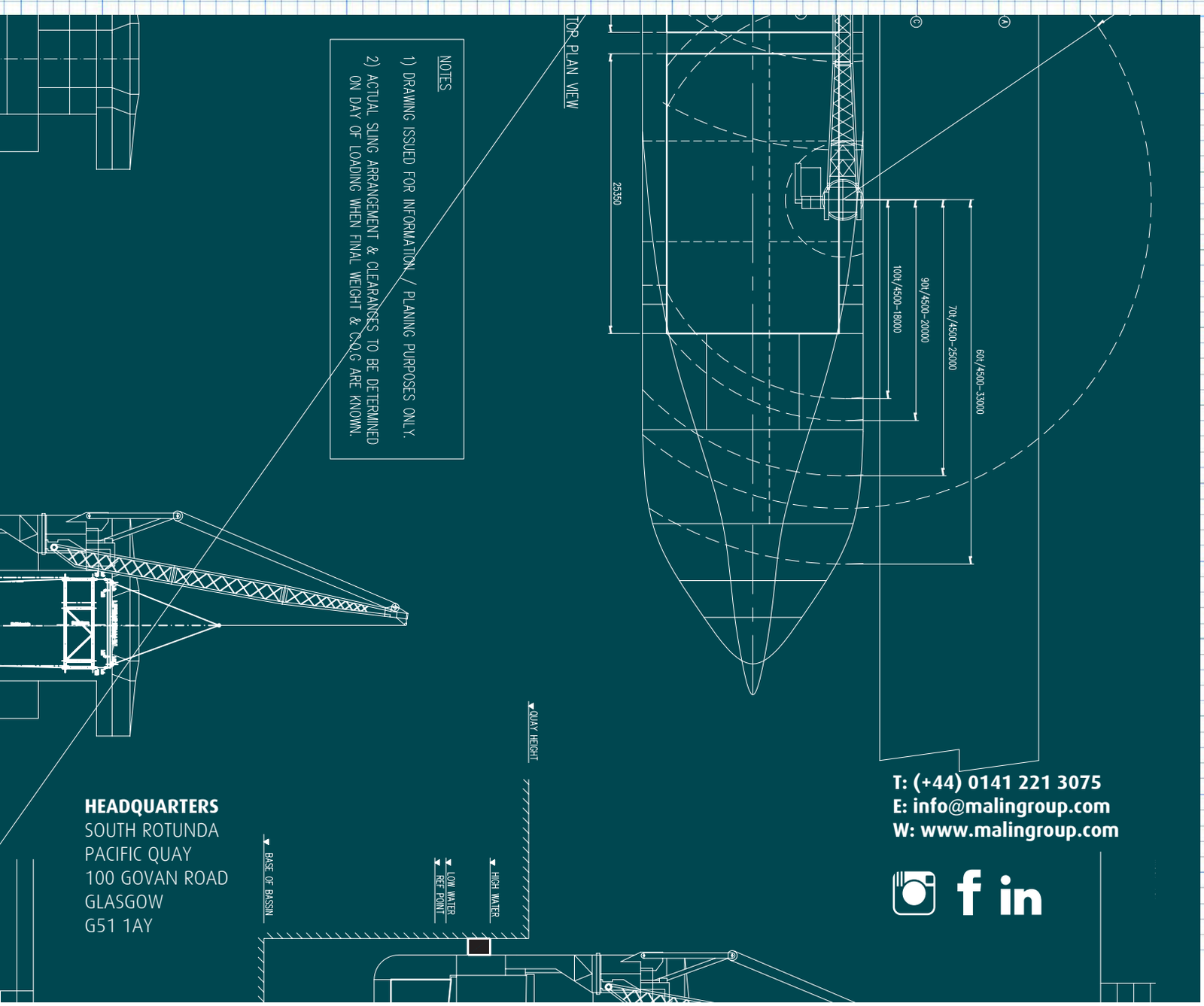

HEADQUARTERS
SOUTH ROTUNDA
PACIFIC QUAY
100 GOVAN ROAD
GLASGOW
G51 1AY

T: (+44) 0141 221 3075
E: info@malingroup.com
W: www.malingroup.com