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Foreword from the Defence Secretary and Shipbuilding Tsar



The Rt Hon Ben Wallace MP

THE NSBS SETS OUT OUR SHARED VISION TO CREATE A GLOBALLY SUCCESSFUL, INNOVATIVE AND SUSTAINABLE SHIPBUILDING ENTERPRISE" s an island nation, Britain has long prided itself on our great seafarers and our great shipbuilders. The UK's historic yards from Belfast to Birkenhead, from the Clyde to the Tyne, became household names by constructing iconic vessels that went on to rule the waves. Yet, as the UK's Shipbuilding Tsar, I believe our best shipbuilding days still lie ahead.

As you'll see from reading this Society of Maritime Industries handbook and members' directory, the UK's naval and civil shipbuilding sector is flourishing in 2023. Not only is the UK one of a handful of nations able to manufacture carriers but we're engineering cutting edge dreadnought submarines and pioneering research vessels. Not only do we have a world class reputation in everything from vessel design and hull types to AI and automation but we're leading the way in alternative fuel and energy propulsion systems. And, whether its frigates or ferries, our state-of-the-art designs are highly sought after from Australia to Canada to Indonesia.

Flick through these pages and you'll realise something else. The UK's maritime enterprise can't be easily pigeonholed. It is nationwide and incredibly diverse – encompassing everything from the smallest sub-system suppliers in the Southwest to large prime yards in Scotland. Yet, having visited a number of these highly skilled firms, I know they all share qualities in common: passion, dynamism and ambition to succeed. And I've been working with colleagues from across the whole of government to ensure those companies are ready to seize the opportunities to come.

Last year we published our National Shipbuilding Strategy Refresh. We set up the independent National Shipbuilding Office. We helped stimulate the market through export credit. We made sure investment was going into modernising our yards, enhancing our skills base and encouraging more young people to pick the maritime sector for their future career. Above all we gave industry confidence by giving it a clear demand signal. Over the next thirty years our cross-government pipeline means we will potentially be building some 150 ships. At the same time, we've launched a clean maritime demonstration competition to ensure the future of maritime will be emission free.

In other words, Britain is in the midst of a maritime renaissance. And if 2022 was all about laying the foundations, 2023 will be all about delivery - upping our productivity, increasing our sales, and creating innovative solutions to unlock the maritime problems of our age. But we want our great international partners to join us on this journey. We're keen to work with you to develop those cutting edge civil and naval vessels that will secure our shared peace and prosperity in a more unstable world. Our great yards are once again humming with activity and, rest assured, the companies you'll find listed here can't wait to work with you to usher in the next golden era of British shipbuilding." SMI



Fresh approach and new vision bring benefits to sector



John Howie MBE President

he annual Members' Directory provides an opportunity to review the achievements of the Society of Maritime Industries (SMI) and to support our members' business development around the world. As the trade association for companies in the maritime engineering and marine science and technology industries, we strive to help those companies seeking to grow their businesses and represent the sector to the UK Government and wider stakeholders.

The latest Maritime UK study shows the maritime engineering and science sector has a turnover of £34.7Bn (US\$42.2Bn) and employs 217,000 people, larger than many other advanced technology sectors. With the National Shipbuilding Office now operating we now have a cross-government organisation that works across departments on behalf of the maritime industry. Three 'task and finish groups' have been created to focus industry and government actions on centres for excellence, shipyards of the future and also the skills agenda via the UK shipbuilding skills taskforce. SMI and its member companies are playing a leading role in these groups and are helping to drive our sector forward. As activity in

the maritime domain increases, particularly offshore, the focus on the marine environment and sustainability is also increasing and SMI and its member companies are playing an important role in this area also.

THIS IS AN EXCITING TIME FOR THE MARITIME SECTOR AND I WOULD LIKE TO EXPRESS MY THANKS TO THE MANY CONTRIBUTORS TO SMI'S COUNCILS AND ACTIVITIES"

This is an exciting time for the maritime sector and I would like to express my thanks to the many contributors to SMI's councils and activities. Your input into the strategy and direction of SMI are vital for the SMI team to understand industry issues and represent the industry in a host of government and stakeholder panels and meetings.

The SMI team exists to work on behalf of our members and the wider industry; do please reach out to them with your ideas and issues. SMI

John Howie MBE Society of Maritime Industries President



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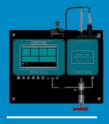






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Understanding what we do and how we're set-up

elcome to SMI's 2023 Members' Directory. As the trade association for the UK's maritime engineering, science and technology community, we are here to enable maritime organisations of all sizes and types to thrive. There are three ways in which we do that:

New insights and resources

We enable members to stay in touch more easily with what is going on in the maritime industry – *and…there is a lot going on*. We are able to point our members to the key issues and resources most relevant to them, as well as highlighting the latest issues confronting the sector.

New connections and support

Both in the UK and internationally we help our members to connect with support organisations, new partners, clients and suppliers. We do this through various events – including: annual conferences, dinners and exhibitions – as well as overseas events and trade missions.

We also provide tailored support to enable members to raise their profiles and enjoy meaningful collaborations.

New momentum and influence

Above all, we look to enable our members to thrive and seize new opportunities; to develop and grow their businesses and to enjoy new success and influence.

As a trusted advisor to the government, we are also in a position to bring about new momentum and progress for the industry as a whole. We have a unique perspective on how to create new levels of maritime innovation, within our member community and beyond.

How we are set up

Our six sector groups

To understand, represent and support the interests of members, SMI has six sector groups. These are:

Commercial Marine Group: commercial vessel build/refit, design, services and supply chain. The Workboat Working Group sits within this group and focuses on the sub 100 m vessel market.

Ports & Terminals Group: port design, infrastructure and technology.

Maritime Defence & Security Group: naval and security vessel build/refit, design, services and supply chain.

Marine Science & Technology Group: sensors and systems for the ocean and inland waterways.

Maritime Autonomous Systems Group: autonomous vessel build, design and systems development.

Digital Technology Group: insight building on digital technologies.

Each of these groups is led by a member-elected Council who develop an annual work plan of activities. Every year, elections to the Councils take place to renew the composition of the group. Each Council has a member-appointed Chair who is supported by the SMI director responsible for the sector. At SMI we are proud of the way this model brings about such deep engagement with the membership.

In their work plan, each Council will outline activities and events for the year; these will be chosen for their capacity to provide insight and connections to both the members and also the wider contacts with interests in that sector.

A real strength of the sector groups is how interdependent these groups often become – particularly with opportunities like decarbonisation, where port, vessel and digital solutions are reached via collaboration.

Members have access to each Council's activities assisting companies in developing contacts, insight and building collaboration.

Our SMI board

SMI is a not-for-profit company limited by guarantee. Our activities are overseen by a board of directors drawn from the membership. The composition of the board is monitored to ensure there is adequate representation of different sectors, and company sizes, from both the primes and SMEs. SMI



SMI – a global presence

he Society of Maritime Industries (SMI) is the organiser for UK pavilions at maritime exhibitions around the world. Exhibiting in the UK Pavilion will ensure allocation of high traffic space and value-added activities to support your investment in the show.

Please always visit the SMI website (www.maritimeindustries.org) for the latest information on the exhibitions we are supporting. The below are the exhibitions that SMI has supported in the past few years. For 2023, we are supporting the DSEI defence exhibition at London, ExCel for the first time.



Sector specific events

There are many other events outside the exhibition programme. Each sector group within SMI organises their own seminars and networking opportunities. Just one example is the *Ports & Terminals Group Shipping Review* where top industry analysts give their updates on market conditions and intelligence.

During the internationally acclaimed *London International Shipping Week 2023*, SMI will be running several events in the commercial, defence and autonomous sectors.

To get notified of relevant of events please sign up to our newsletter on the SMI website (www.maritimeindustries.org) – head to the top right-hand corner of the home page.



Maritime UK is proud to work with the SMI to champion and enable a thriving maritime sector

Maritime UK National Priorities



Our aim is to understand and meet future skills and employee needs through promoting maritime careers with our new #MaritimeCareers campaign, enhancing diversity by building upon the Women in Maritime programme and investing in the workforce.



Our aim is to minimise the sector's impact upon the environment, to help other industries to minimise their impact, take advantages of new technological opportunities such as decarbonisation and encourage modal shift to coastal and inland shipping.



Our aim is to position the UK as a leader in innovation across decarbonisation, automation and digitisation by facilitating collaboration across the sector and securing government investment for Maritime Research & Innovation UK.



Our aim is to attract new maritime businesses to the UK by working with government to enhance the competitiveness of the UK's business environment and to grow the export of maritime products and services by supporting companies to export and promoting the sector across the UK's diplomatic and commercial network.



Our aim is to support economic development in coastal communities by working with government to create the conditions to encourage further private investment by ports and create a network of regional maritime cluster organisations to foster collaboration and drive growth.

#MaritimeUK

BLUE DEEP



Navigating the route to decarbonisation



If the shipping industry were a country, it would be rated the world's sixth-largest polluter. Methanol-tohydrogen systems can help decrease carbon emissions in the long and short term, at sea and for port operations (credit: Jeff Owen)

he maritime industry has a key global role to play in facilitating a healthier planet. Mandates from IMO have maritime stakeholders tasked with reducing carbon emissions by at least 50% by 2050 and eventually fully eliminating the industry's carbon impact. It is a monumental goal, and with no clear pathway to achieving this goal, there is confusion in the industry regarding which technology to adopt. Early moves were made in the direction of Liquefied Natural Gas (LNG) and ammonia, however there is no 'silver bullet'. Here we argue the case for methanol to be given further consideration, due to its versatility to be used both directly, within internal combustion engines (ICE), and as a highly efficient hydrogen carrier, removing the challenges of hydrogen storage for a cleaner future.

Environmental mandates have the shipping

industry facing immense change – shipping operators must clean up their act on a global scale, aiming for a 40% cut in carbon emissions by 2030, and at least 50% by 2050. Regulatory bodies and private industry are making steady progress in aligning sustainability policies with the goals of the Paris Agreement. Required monitoring and reporting will help evaluate the efficiency of shipping operators worldwide, and even ship financiers are aligning to the Poseidon Principles, guidelines which feature climate considerations in financing decisions.

While hydrogen is an appealing answer, which has caught the public's attention and is making traction within the aviation and automotive industry, its deployment is deeply complicated by cryogenic temperature requirements and high-volume, highpressure storage. Nevertheless, methanol offers a pathway to the adoption of hydrogen, by providing an



ability to generate hydrogen on demand, tapping into safe, convenient methanol to eliminate the complexity and logistical challenges of onboard hydrogen storage.

Typically, marine-based hydrogen power systems are approaching the 1-3 MW scale, however they are falling short of the full propulsion power of an oceangoing cargo vessel. However, with the development of dual-fuel internal combustion engines, we are seeing major players such as Maersk and Stena making significant investments in methanol ICE at the higher power levels. This is having the effect of driving demand for methanol (including green methanol) and opening opportunities for hydrogen solutions in the auxiliary power/hotel load, full propulsion for smaller vessels and shore power/ cold ironing applications.

Methanol versus ammonia

Versatile methanol is well-established in maritime settings and is already used as a feedstock on a global scale. It remains liquid at normal temperatures and requires handling like any other fuel. It is biodegradable, miscible in water and found in relative abundance in most seaports – factors that contribute to its comparatively low cost. All these values can be readily contrasted to ammonia, another feedstock option. Ammonia, however, is more costly and is only available from centralised outlets with no convenient dispensing mechanism. Because of ammonia's inherent toxicity and ability to cause severe health hazards, supporting technology for its storage, handling, and transport must be improved to enable mass deployment. As a toxic substance, ammonia has not been approved as a fuel resource by International Maritime Organisation (IMO), whereas methanol is approved for storage and handling, including bunkering in marine environments.

Grey or green?

The systems are the same whether the methanol is grey or green, as this is a reference to the carbon impact to produce the methanol itself. Currently, the methanol most widely available is considered grey, produced with natural gas as a feedstock. Using grey methanol, systems typically deliver 23-25% reduction in Carbon dioxide (CO_2) versus a traditional diesel engine, but notably eliminate nitrogen oxides (NOX), sulphur oxides (SOx), and particulate matter (PM). However, the availability of green methanol is certainly evolving, meaning the amount of carbon created in its production will be equal to the amount of carbon released by its use. Producers are poised to increase

production of green methanol, with market demand being the only barrier to availability. Whatever the timeline, vessels with methanol-based systems will be poised for that net-zero breakthrough.

Methanol facilitating the transition to hydrogen

The ability to generate hydrogen on demand is breaking through these barriers, tapping into safe, convenient methanol to eliminate complexity and safety issues associated with hydrogen storage. Here is where methanol fits into the equation, functioning as a feedstock for generating hydrogen on vessel, on demand. Hydrogen is not stored, but rather created as needed through a safe and efficient chemical process. Methanol-to-hydrogen conversion occurs within a self-contained power system, creating a steady stream of high-purity hydrogen, which can be utilised by fuel cells as part of an electrical generation system or injected into an ICE to reduce emissions.



Systems are modular, scalable, and commercially available. Hydrogen-on-demand is enabled by RIX's M2H2 system (credit: RIX Industries)

Cost: the hydrogen challenge

Consider that ready availability of a pure hydrogen solution is unlikely – its chemical characteristics require high-pressure or freezing-cold storage. Tank filling is precarious and cannot be too fast or too slow for ideal safety, and only certain ports can handle hydrogen logistics at this level. Under these circumstances,

BLUE DEEP



transport costs can jump from US\$1 to US\$16 per kg by the time hydrogen gets to the point of use. Methanol is benign to transport, available at seaports and commercial waterways, and stored at ambient temperature, and in comparison, the cost of produced hydrogen by this approach is about US\$4-5 per kg at the point of use.

Megawatt scale applications



Due to be launched late 2023/early 2024, this Elliot Bay-designed tug will be hydrogen powered (1-2MW), with the hydrogen generated on board from a methanol/water mix (credit: Maritime Partners)

Blending methanol-to-hydrogen systems with fuel cells supports power needs ranging from 10 kW to MW for applications including superyachts, crew transfer vessels, ferries and aux power on offshore support vessels. The largest installation to date is on *Hydrogen One,* being designed by naval architecture firm Elliot Bay Design Group. The vessel will be able to perform at standard operational speeds for up to 885 km before it needs to refuel, with the ship's crew requiring minimal additional training to use the technology.

Net-zero ready

Decarbonisation is a journey, the propulsion systems incorporated today need to meet many requirements, including longevity, in a changing world of global sustainability requirements. This may be a point of confusion among maritime stakeholders, with some reticent to embrace methanol systems until green methanol becomes more readily available. However, methanol systems are flexible and can be used now, whether it is the grey methanol of today or the green methanol produced and transported with no carbon impact from end-to-end. Most importantly, when methanol-to-hydrogen systems are combined with fuel cells, they today produce power with no NOx, no SOx and no PM. When renewable methanol becomes more available, they can reform it and readily achieve net-zero emissions. While 2030 and 2050 represent decarbonisation milestones, the maritime industry is navigating to full decarbonisation of global shipping. Achieving carbon reduction this decade is essential; hydrogen on-demand can play a powerful role today and in the future. SMI





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Progressing the decarbonising of shipping through utilisation of alternative fuels

he International Maritime Organisation's (IMO) 4th Green-House-Gas (GHG) study (2020) estimated total emissions from shipping (worldwide) during 2018 was over 1 billion tonnes of Carbon Dioxide (CO_2) (about 2.89% of global anthropogenic CO₂ emissions). Additionally, it predicted a 'business-as-usual' scenario suggesting CO₂ emissions in 2050 will be between 90% and 130% of 2008's emissions. Considered against IMO's adopted 2018 'Initial Strategy' on the reduction of GHG emissions from shipping, setting a target to reduce 2008 annual CO₂ emissions by at least 50% by 2050, with an ambition to phase out CO₂ emissions from shipping this century, progress appears to be too slow.

With UN COP 27 in Egypt aiming to limit global warming to 1.5°C, the target agreed at the Paris Agreement in 2015 and one that seems increasingly tenuous, then further pressure on the rate to decarbonise the shipping industry and further ambition to move ships away from their hunger for hydrocarbon fuels needs to be accepted. Such a move is challenging and perhaps more profound than the move



Richard Bucknall, Professor of Marine Systems Engineering, Vice Dean (Research), University College London

from sail to steam throughout the 19th Century, which was driven by economic advantage with the pace limited by technology and infrastructure development. Today, the driver for change is the environmental case and the scientific consensus suggests we have about a decade or so to arrest global warming.

In recent years, some ships, including demonstrators, experimental and some in-service ships, have proven various alternative technologies and fuels. Exotic electro-chemistry now provides much higherdensity batteries, proven suitable for small vessels operating on short routes such as ferries in all-electric and hybrid power plants. Liquefied natural gas (LNG) has seen successful use with dual-fuel engines i.e. using either LNG or diesel, but both fuels are high CO₂ generators. For low or zero emissions of CO₂ other ships will probably need to move towards using hydrogen or ammonia fuelled, conventional internal combustion engines until, for example fuel cell technology attains the required power levels at reasonable costs.

The availability of alternative fuels and the infrastructure to supply them will be an issue but if new ships are designed to be 'alternative fuel ready' then, as the fuel change occurs in the medium term along with new port infrastructure and bunkering barges, conversion will be less painful. At time of writing this article there are 130 ammoniaready and 6 hydrogen-ready vessels on order so progress is evident. In the longer term, legacy hydrocarbon fuels are likely to become increasingly more difficult



and expensive to source and supply so any ships built today without future fuel proofing may need high cost conversion or earlier decommissioning.

Alternative fuels present challenges for ship use, including lower energy density with increased toxicity, flammability and explosion risk. A fuel that contains no carbon, such as hydrogen or ammonia, produces no CO_2 emissions in operation. However, there may still be environmentally significant emissions. Hydrogen is believed to have a global warming potential of over 5 times that of CO_2 over a 100-year period, so should it be released via leaks and unreacted fuel in exhaust streams it has the potential to make global warming worse rather than better.

Combustion processes using atmospheric air will always produce nitrous oxides (NOx), also a greenhouse gas, may potentially increase with nitrogen-rich ammonia. Whether regulations will permit 'net zero', where a carbon-containing fuel such as methanol is deemed acceptable if it is manufactured using atmospheric carbon dioxide, remains uncertain. The international trade in biofuels is proving controversial as it can result in hidden and displaced emissions and achieving a reliable net-zero accreditation process for CO₂ emissions from low carbon fuels, such as methanol, may

become a highly involved process.

The challenge is upon the shipping industry to deliver and to deliver quickly. As other industries decarbonise, the shipping industry will need to keep pace so that its proportion of global anthropogenic CO₂ emissions does not simply increase but actually decreases. However, the shift to alternative fuels is not the end of the challenge since each fuel, including zero carbon fuels, will affect the environment to unique and differing extents. Understanding and mitigating the environmental impact of alternative fuels will be as important as reducing the environmental impact of the current hydrocarbon fuels. SMI



As other industries decarbonise, the shipping industry will need to keep pace



Protecting critical underwater infrastructure



ABOVE: Credit: Thales Copyright Imagery 2022

IN A SINGLE DAY, THESE CABLES CARRY SOME US\$10TN OF FINANCIAL TRANSFERS"

he need to accelerate seabed monitoring and security as a core UK capability has recently been highlighted through events such as the likely sabotage of the Nord gas lines and the loss of submarine cable data to the isles of Shetland through accidental damage. 97% of global communications are still transmitted via cables lying deep beneath the oceans with today's submarine network comprising an estimated 213 independent cable systems and 877,121 km of

fibre. There is no alternative to using these undersea cables.

Satellite technology cannot effectively handle the communications requirements of the modern digital economy and society. In a single day, these cables carry some US\$10Tn of financial transfers and process some 15M financial transactions.

Both energy and defence industries have existing capabilities to support wider surveillance of core national infrastructure but our approach to securing



these key assets should not be limited to surveillance. A wider consideration to positioning and dark infrastructure should be considered moving forward.

Due to the vast amount of critical infrastructure associated with the seabed, a tiered approach to security would seem the most logical approach, utilising static and deployable sensing as the first tier (bell ringers/trip wires) with subsequent tiers embracing autonomous capabilities with various sensing methods to detect not only sabotage but data manipulation and extraction.

The multi-role ocean surveillance ship will improve our ability to protect our underwater critical national infrastructure and improve our ability to detect potential threats in the North Atlantic. Detecting threats to prevent interaction with our submarine

THE UTILISATION OF DEPLOYABLE ASW ASSETS DOES REQUIRE SIGNIFICANT CHANGES TO EXISTING APPROACHES"

networks will inevitably embrace traditional anti-submarine warfare (ASW) capability along with deployable capability (airborne, surface and sub-surface). The utilisation of deployable ASW assets does require significant changes to existing approaches with challenges to be overcome associated with cyber security to support edge processing, artificial intelligence, multi redundant communication and a means to exploit and disseminate the information across other deployable and crewed assets. SMI

Thales UK is a team of over 6,500 experts, including 4,500 highly skilled engineers, across nine key UK sites. We have unrivalled experience across every major industry we serve – working around the clock to make life better and to keep us safer. We're a global technology business operating across aerospace, defence, digital security, transport and space.

Each year we invest over £575M into our UK supply chain, working with over 2,000 companies. We are dedicated to research and technology, working with our partners to invest over £130M+ in R&D annually. We have a global presence in 68 countries and employ 81,000 experts in total.



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The Crown Estate Foreshore Technology Ltd

Electrical Control Systems and Equipment

Aerius Marine UK Ltd Babcock International **Chess Dynamics** CU Phosco Lighting Cummins **DESMI Ltd D**vnautics Ecomar Propulsion Ltd **EQUANS** Axima Frazer-Nash Consultancy Ltd Frequentis UK Ltd GE Energy Power Conversion UK Ltd Grafmarine Harland & Wolff L3Harris MAPPS Ltd Oceanic Engineering Consultants **Rolls-Royce Plc** Roxtec Ltd Sys-Scada Ltd University of Exeter, Centre for **Future Clean Mobility** University of Southampton University of Strathclyde Valmet Ltd Voith Turbo Ltd Whippendell Marine Ltd

Electric Generation Distribution Systems

GE Energy Power Conversion UK Ltd Oceanic Engineering Consultants Rolls-Royce Plc



Electronic Warfare

Babcock International HENSOLDT UK Leonardo UK Ltd QinetiQ System Engineering & Assessment (SEA) Ltd Thales

Electronic Instruments and Equipment

Aquatec Group Artemis Technologies Astute Group Cammell Laird Shiprepairers & Shipbuilders Ltd Chelsea Technologies Ltd **Chess Dynamics** Frequentis UK Ltd HENSOLDT UK Kongsberg Maritime Ltd Marine Data Systems Navitron Systems Ltd Nortek UK OceanWise Ltd Planet Ocean Ltd Protea Ltd **PSM Instrumentation Ltd** Raytheon Technologies **Roxtec Ltd**

Engine Emissions Monitoring and Exhaust Aftertreatment

Chelsea Technologies Ltd Cummins Eminox Ltd Protea Ltd University of Southampton University of Strathclyde Valmet Ltd

Engine Servicing and Spare Parts Barrus Ltd

Harland & Wolff Kongsberg Maritime Ltd Rolls-Royce Plc

Engineering Services

Aerius Marine UK Ltd Aluminium Marine Consultants Babcock International Beckett Rankine BMT Group Ltd Chelsea Technologies Ltd Chelsea Technologies Ltd Chess Dynamics CU Phosco Lighting DESMI Ltd Ductform HFE European Active Projects Ltd European Diesel Services Ltd EQUANS Axima Frazer-Nash Consultancy Ltd Fugro H2NA I td Harland & Wolff Houlder Ltd **HR Wallingford** ICE Marine Design **IMI Critical Engineering** Intermarine UK MacTaggart, Scott & Company Ltd Malin Group Moffatt & Nichol Oceanic Engineering Consultants Oceanology International OceanWise Ltd **Pilgrim International Ltd** Portia Management Services Ltd **RINA Consulting Services** Seetru I td Sonardyne Sys-Scada Ltd Thales University of Southampton University of Strathclyde Voith Turbo Ltd

Fire and Gas Protection and Systems and Equipment

Brooksbank Valves Ltd Bruhn NewTech Ltd Chesterfield Special Cylinders Ltd Coltraco Ultrasonics Ductform HFE EQUANS Axima Jo Bird Company Ltd Johnson Controls Marine Components International PG Products Ltd Roxtec Ltd Survitec

Fire-Fighting Systems

Aerius Marine UK Ltd Chesterfield Special Cylinders Ltd Coltraco Ultrasonics DESMI Ltd EQUANS Axima Jo Bird Company Ltd Johnson Controls Survitec Twiflex Ltd University of Strathclyde

Fuels, Systems, Equipment and Power Optimisation

Babcock International Cummins DESMI Ltd Eminox Ltd GE Energy Power Conversion UK Ltd Houlder Ltd Lloyd's Register Subsea Craft Ltd Sys-Scada Ltd University of Exeter, Centre for Future Clean Mobility University of Southampton University of Strathclyde

Galley Systems and Equipment

EQUANS Axima Tony Team Ltd Varivane Industries Ltd

HVAC – Heating and Air-Conditioning

Aerius Marine UK Ltd Babcock International Ductform HFE EQUANS Axima Johnson Controls Marine Components International P&S Automation Ltd Rolls-Royce PIc University of Strathclyde

Hatches, Hatch Covers and Equipment

Coltraco Ultrasonics Houlder Ltd Malin Group

High Pressure Valves

and Repairs Brooksbank Valves Ltd Flowserve Harland & Wolff IMI Critical Engineering Seetru Ltd

Hydraulics, Systems and Equipment

Astute Group Harland & Wolff Marine Components International Pilgrim International Ltd Rolls-Royce Plc Subsea Craft Ltd

Incinerator / Solid Waste Systems

Tony Team Ltd

Inert Gas Systems and Plants

Chesterfield Special Cylinders Ltd EQUANS Axima Johnson Controls Survitec University of Strathclyde

Integrated Bridge Systems

Astute Group Dendrityca Ltd GE Energy Power Conversion UK Ltd HENSOLDT UK Kinetsu Kongsberg Maritime Ltd Leonardo UK Ltd Raytheon Technologies Robosys Automation Ltd Thales



Integrated Ship Automation Systems

Fugro GE Energy Power Conversion UK Ltd Kinetsu Oceanic Engineering Consultants Oceanology International QinetiQ Robosys Automation Ltd Rolls-Royce Plc Sys-Scada Ltd Thales University of Southampton University of Strathclyde Valmet Ltd

Lifesaving, Emergency, Safety Equipment and Systems

Bruhn NewTech Ltd Jo Bird Company Ltd Johnson Controls Kinetsu Marine Components International PG Products Ltd Roxtec Ltd Survitec University of Strathclyde Welin Lambie Ltd Wescom Group

Lighting – Vessels

and Ashore CU Phosco Lighting Evica Ltd

Marine Science – Equipment, Sensors and Systems

Aquatec Group Astute Group AutoNaut Ltd **Babcock International Briggs Marine** Chelsea Technologies Ltd Dendrityca Ltd Fugro HR Wallingford Kinetsu Marico Marine Group National Oceanography Centre Marine Nortek UK Ocean Business **Oceanology International** OceanWise Ltd **Planet Ocean Ltd** PML Applications Ltd RS Aqua System Engineering & Assessment (SEA) Ltd University College London University of Plymouth University of Southampton

University of Strathclyde Valeport Ltd Xylem Analytics UK Ltd

Minecountermeasure Systems

Babcock International Dendrityca Ltd EQUANS Axima Jo Bird Company Ltd Lockheed Martin UK Holdings Ltd MacTaggart, Scott & Company Ltd Oceanology International Sonardyne Thales

Navigation and Positioning Systems and Equipment

Astute Group BMT Group Ltd Chess Dynamics **D**vnautics Fugro GE Energy Power Conversion UK Ltd HENSOLDT UK Kongsberg Maritime Ltd Marico Marine Group Marine Components International Marine Data Systems Navitron Systems Ltd Nortek UK Oceanology International **Raytheon Technologies** System Engineering & Assessment (SEA) Ltd Sonardyne

Noise and Vibration Control

Babcock International Frazer-Nash Consultancy Ltd IMI Critical Engineering QinetiQ Roxtec Ltd Subsea Craft Ltd University of Southampton University of Strathclyde VULKAN Couplings

Ocean Data Solutions

Aquatec Group AutoNaut Ltd Fugro Lloyd's Register Marico Marine Group Nortek UK Oceanology International OceanWise Ltd Planet Ocean Ltd PML Applications Ltd Sonardyne University of Plymouth University of Southampton University of Strathclyde Valeport Ltd Xylem Analytics UK Ltd Zizo

Oil in Water

Monitoring Systems

Chelsea Technologies Ltd Dendrityca Ltd Kongsberg Maritime Ltd Oceanology International Planet Ocean Ltd Protea Ltd Rivertrace Ltd University of Strathclyde Victor Marine

Painting and Coatings

University of Strathclyde

Port Operations and Harbour Authorities

Aerius Marine UK Ltd Briggs Marine CU Phosco Lighting Fugro H2NA Ltd Intermarine UK Leonardo UK Ltd Marico Marine Group Nectar Group Ltd Port of Tyne Portia Management Services Ltd University of Strathclyde Xylem Analytics UK Ltd

Port Management

Information Systems HENSOLDT UK

Kongsberg Maritime Ltd Leonardo UK Ltd Marico Marine Group Oceanology International Sys-Scada Ltd University of Strathclyde Zizo

Port, Marine Infrastructure Masterplanning

Babcock International Beckett Rankine BMT Group Ltd Eminox Ltd Fugro GE Energy Power Conversion UK Ltd HR Wallingford Intermarine UK Lloyd's Register Marico Marine Group Moffatt & Nichol Port of Tyne Portia Management Services Ltd University of Southampton University of Strathclyde



Power Management Svstems

Artemis Technologies Astute Group **Dynautics** Eminox Ltd Frequentis UK Ltd GE Energy Power Conversion UK Ltd Harland & Wolff Kongsberg Maritime Ltd OceanWise Ltd P&S Automation Ltd **Rolls-Royce Plc** University of Exeter, Centre for Future Clean Mobility University of Strathclyde Valmet Ltd **VULKAN** Couplings

Propulsion – Auxiliary Wind Propulsion and Systems Equipment

Artemis Technologies Cummins GE Energy Power Conversion UK Ltd Houlder Ltd Oceanic Engineering Consultants Twiflex Ltd University College London University of Southampton University of Strathclyde Wärtsilä Defence Solutions Windship Technology Ltd

Propulsion – Electric, Motors and Machinery

Artemis Technologies Astute Group **Barrus Ltd** Cummins Dendrityca Ltd Ecomar Propulsion Ltd GE Energy Power Conversion UK Ltd Harland & Wolff Houlder Ltd MacTaggart, Scott & Company Ltd Oceanic Engineering Consultants **Oceanology International OinetiO Rolls-Royce Plc** Teignbridge Propellers Int Ltd Twiflex Ltd University College London University of Exeter, Centre for **Future Clean Mobility** University of Southampton University of Strathclyde Voith Turbo Ltd **VULKAN Couplings** Wärtsilä Defence Solutions

Propulsion – Waterjet, Propellers, Systems and Equipment Artemis Technologies

Astute Group **Ecomar Propulsion Ltd GE Energy Power Conversion UK Ltd** H2NA Ltd HamiltonJet UK Harland & Wolff Kongsberg Maritime Ltd MacTaggart, Scott & Company Ltd NRG Marine Ltd (Sonihull) Oceanology International **Pilgrim International Ltd Rolls-Royce Plc** Somers Forge Ltd **Stone Marine Propulsion** Teignbridge Propellers Int Ltd Twiflex Ltd University of Exeter, Centre for Future Clean Mobility University of Southampton University of Strathclyde Voith Turbo Ltd

Publishers, Event Organisers and Event Logistics

EwePack Ocean Business Oceanology International

Recruitment and Staffing European Active Projects Ltd Intermarine UK

Marine Resources Recruitment

Refrigeration Plants and Systems ACM Bearings Ltd

DESMI Ltd EQUANS Axima

Remote Inspection

and Surveys AutoNaut Ltd Briggs Marine Dendrityca Ltd Fugro Kinetsu Lloyd's Register Planet Ocean Ltd Roxtec Ltd System Engineering & Assessment (SEA) Ltd Sonardyne University of Strathclyde Voith Turbo Ltd

Replenishment at Sea Systems MacTaggart, Scott & Company Ltd

Scrubber Washwater Treatment

Chelsea Technologies Ltd DESMI Ltd Houlder Ltd Rivertrace Ltd University of Strathclyde Valmet Ltd

Seals

Marine Components International MPCC UK Ltd Roxtec Ltd Teignbridge Propellers Int Ltd Wärtsilä Defence Solutions

Ship Model Testing

Houlder Ltd QinetiQ University of Southampton University of Strathclyde

Ship / Vessel Design

Aluminium Marine Consultants Artemis Technologies Astute Group AutoNaut Ltd Babcock International BMT Group Ltd Dendrityca Ltd Eminox Ltd Ferguson Marine (Port Glasgow) Ltd First Marine International Frazer-Nash Consultancy Ltd H2NA Itd Houlder Ltd ICE Marine Design Kongsberg Maritime Ltd Macduff Ship Design Ltd Malin Group OCEA Shipbuilding (UK) Ltd/ Wight Shipyard Co Ltd Oceanology International **OinetiO** Subsea Craft Ltd University College London University of Southampton University of Strathclyde Voith Turbo Ltd

Shipping Business

Intelligence and Analysis Dendrityca Ltd Kinetsu University of Southampton University of Strathclyde

Shipyards, Newbuilding, Repair and Conversion

A&P Group Ltd Aluminium Marine Consultants Babcock International BAE Systems Beckett Rankine Cammell Laird Shiprepairers & Shipbuilders Ltd European Active Projects Ltd Ferguson Marine (Port Glasgow) Ltd H2NA Ltd Harland & Wolff



Houlder Ltd Intermarine UK Malin Group Tor Group International

Smart Environmental Monitoring

Aquatec Group AutoNaut Ltd Chelsea Technologies Ltd Dendrityca Ltd Fugro Kinetsu Lloyd's Register Ocean Business Oceanology International OceanWise Ltd **PML Applications Ltd** Protea Ltd QinetiQ **RS** Aqua Sonardvne University of Plymouth University of Southampton University of Strathclyde Valmet Ltd **Xylem Analytics UK Ltd**

Software Engineering and Mechanical System Engineering

Foreshore Technology Ltd

Steering Systems and Equipment

Artemis Technologies Harland & Wolff HENSOLDT UK Navitron Systems Ltd Pilgrim International Ltd Raytheon Technologies Somers Forge Ltd Teignbridge Propellers Int Ltd University of Strathclyde Voith Turbo Ltd

Submarines – Build, Systems, Equipment and Design

Astute Group Babcock International BAE Systems Brooksbank Valves Ltd Chesterfield Special Cylinders Ltd DESMI Ltd EQUANS Axima Frazer-Nash Consultancy Ltd HENSOLDT UK Leonardo UK Ltd Lockheed Martin UK Holdings Ltd MacTaggart, Scott & Company Ltd Pilgrim International Ltd Primary Networks QinetiQ Rolls-Royce Plc Roxtec Ltd System Engineering & Assessment (SEA) Ltd Thales Varivane Industries Ltd

Tank Level Measuring and Alarms

Coltraco Ultrasonics P&S Automation Ltd PSM Instrumentation Ltd Seetru Ltd

Temperature and Pressure Calibrators National Oceanography Centre Marine Ocean Business

Training and Simulation

Artemis Technologies Babcock International Frazer-Nash Consultancy Ltd GE Energy Power Conversion UK Ltd HENSOLDT UK **HR Wallingford** Kongsberg Maritime Ltd Leonardo UK Ltd Liverpool John Moores University Lloyd's Register Lockheed Martin UK Holdings Ltd Marico Marine Group OceanWise Ltd P&S Automation I td Portia Management Services Ltd **OinetiO Raytheon Technologies RINA Consulting Services** Roxtec I td SeaBot Maritime Ltd System Engineering & Assessment (SEA) Ltd Thales University of Exeter, Centre for Future Clean Mobility Voith Turbo I td Warsash Maritime School

Underwater Sensors

Aquatec Group Artemis Technologies Astute Group Dendrityca Ltd Fugro Leonardo UK Ltd National Oceanography Centre Marine Nortek UK Ocean Business Oceanology International Planet Ocean Ltd Rolls-Royce Plc RS Aqua System Engineering & Assessment (SEA) Ltd Sonardyne Thales University of Plymouth University of Southampton Valeport Ltd Xylem Analytics UK Ltd

University, College and Research Institution

Babcock International HR Wallingford Liverpool John Moores University National Oceanography Centre Marine Newcastle University University College London University of Exeter, Centre for Future Clean Mobility University of Plymouth University of Plymouth University of Southampton University of Strathclyde Warsash Maritime School

Vessel Owner / Operator

AutoNaut Ltd Briggs Marine Fugro H2NA Ltd Intermarine UK Malin Group Oceanology International Tor Group International

Waste Water Monitoring / Treatment DESMI Ltd MPCC UK Ltd Rivertrace Ltd Victor Marine

Weapon Handling Systems

Chesterfield Special Cylinders Ltd Leonardo UK Ltd Lockheed Martin UK Holdings Ltd MacTaggart, Scott & Company Ltd QinetiQ System Engineering & Assessment (SEA) Ltd Somers Forge Ltd Thales

Weapon Systems

Astute Group Babcock International Frazer-Nash Consultancy Ltd Kongsberg Maritime Ltd Leonardo UK Ltd System Engineering & Assessment (SEA) Ltd Solar Solve Marine

Windows, Blinds, Frame and Wiper Systems Solar Solve Marine





A&P Group

Wagonway Road, Hebburn, Tyne & Wear, NE31 ISP

Contact: Chris Davies, Group Business Development Lead Tel: +44 7712 246696 Email: chris.davies@ap-group.co.uk Web: www.ap-group.co.uk

Summary: Shiprepair, Shipbuilding, Fabrication and Conversion

Capabilities: Port Operations, Harbour Authorities, Shipyards, Newbuilding, Repair and Conversion.

acm

ACM Bearings Ltd

Derwent Way, Wath West Industrial Estate, Rotherham, South Yorkshire, S63 6EX

Contact: Andrew McCulloch, CEO Tel: +44 1709 874951 Email: andy.mculloch@acmbearings.co.uk

Web: www.acmbearings.co.uk

Summary: Marine composite selflubricating bearings fully class approved for rudder, stern tube, and deck equipment.

Capabilities: Bearings.



A HEINEN & HOPMAN COMPANY

Aerius Marine UK Ltd

409 Innovation Centre (Admin), Queens Meadow Business Park, Hartlepool, TS25 5TG

Contact: Tony Swateridge, Business Development Director Tel: +44 1429 874554 Email: tony.swateridge@aerius-marine.com Web: www.aerius-marine.com

Summary: Through life system integrator for HVAC, refrigeration and fixed fire fighting systems in the naval, commercial, cruise, yacht and offshore wind markets.

Capabilities: Accommodation Systems and Equipment, Alarm and Monitoring Systems, Electrical Control Systems and Equipment, Engineering Services, Fire-Fighting Systems, Refrigeration Plants and Systems, Fire and Gas Protection Systems and Equipment and HVAC – Heating, Air-Conditioning.

ALUMINIUM MARINE

Aluminium Marine Consultants 25 Castle Street, East Cowes, Isle Of Wight PO32 6RD

Contact: Rob Stewart Tel: +44 1983 298736 Email: rob@aluminium-boats.com Web: www.aluminium-boats.com

Summary: AMC has been involved in workboat and offshore crew vessel transfer design and construction since 2007 and offers a range of comprehensive services across the commercial sector.

Capabilities: Consulting Services, Engineering Services, Ship Building, Shipyards, Newbuilding, Repair and Conversion, Ship/Vessel Design.

ΛQUΛΤ≊C

Aquatec Group

Aquatec House, Stroudley Road, Basingstoke, Hampshire, RG24 8FW

Contact: Tony Youell, Senior Technical Sales Executive Tel: +44 1256 416100 Email: tyouell@aquatecgroup.com

Web: www.aquatecgroup.com

Summary: Aquatec designs instruments, technology, and custom underwater measurement, monitoring, and communication solutions. Its portfolio features standard products created to measure physical oceanographic and subsea process parameters; as well as custom systems for applications in offshore structures and pipelines.

Capabilities: Anti-Corrosion Systems, Electronic Instruments and Equipment, Marine Science – Equipment, Sensors, Systems, Ocean Data Solutions, Smart Environmental Monitoring, Underwater Sensors.





Artemis Technologies

Concourse 2, Queens Road, Belfast BT3 9DT Contact: David Tyler, Commercial Director Tel: +44 7818 844336 Email: info@artemistechnologies.co.uk

Web: www.artemistechnologies.co.uk

Summary: Experts in green maritime innovation, digitalisation and autonomy. Building on our high-performance background, our mission is to lead the decarbonisation of the maritime industry through the design and development of transformative technologies and zeroemissions vessels.

Capabilities: Battery Technology, Electric Power Management Systems, Training and Simulation, Ship/Vessel Design, Propulsion – Waterjet, Propellers, Equipment, Power Management Systems, Electronic Instruments and Equipment, Autonomous – Vessels, Design and Equipment, Propulsion – Auxiliary Wind Propulsion, Systems Equipment, Underwater Sensors, Anti-Collision Systems and Equipment, Propulsion – Electric, Motors and Machinery, Steering Systems and Equipment.

ASTUTE

Astute Group

Rutherford Close, Stevenage, Herts SG1 2EF Contact: Jay Hugill, Sales Manager Tel: +44 1438 909909 Email: jay.hugill@astutegroup.com

Web: www.astutegroup.com Summary: Astute Electronics' growth spans three decades and our global offices cross five continents. We have

offices cross five continents. We have become one of the world's most knowledgeable, quality-driven experts in franchised electronics distribution, global procurement, and supply-chain management.

Capabilities: Above Water Sensors, Battery Technology, Electric Power Management Systems, Brokers, Agents and Finance, Cables, Electronic Instruments and Equipment, Hydraulics, Integrated Bridge Systems, Navigation and Positioning Systems, Power Management Systems, Propulsion – Waterjet, Propellers, Ship/ Vessel Design, Submarines – Build, Systems, Equipment and Design, Weapon Systems, Autonomous Vessels, Marine Science – Equipment, Sensors and Systems, Propulsion – Electric, Motors and Machinery, Underwater Sensors.



AutoNaut

AutoNaut Ltd

Unit J, Heath Place, Bognor Regis, PO22 951

Contact: Harry Spedding, General Manager Tel: +44 1243 511421 Email: info@autonautusv.com

Web: www.autonautusv.com Summary: AutoNaut uncrewed surface

vessel (USV) with unique UK patented wave propulsion providing quiet, zero carbon platform for long endurance survey.

Capabilities: Marine Science -

Equipment, Sensors and Systems, Ocean Data Solutions, Vessel Owner/ Operator, Autonomous - Vessels, Design, Equipment, Remote Inspection and Surveys, Smart Environmental Monitoring, Ship/Vessel Design, Consulting Services

babcock

Babcock International

33 Wigmore Street, London, W1U 10X Contact: Blair Jamieson, Senior Business Development Manager Email: marine.marketing@

babcockinternational.com Web: www.babcockinternational.com

Summary: Babcock is an international defence company, operating in our focus countries of the UK, Australasia, Canada, France and South Africa, with exports to additional markets. We support and enhance our customers' defence capabilities and critical assets through a range of product and service solutions, providing increased availability, affordability and capability.

• We ensure the UK Royal Navy goes to sea safely by supporting their ships and crews around the world

• We support navies around the world through the delivery of complex ship and submarine sustainment programmes · We deliver marine technology solutions to improve our customers' complex, safetycritical operations.

Capabilities: Battery Technology, Electric Power Management Systems, Submarines - Build, Systems, Equipment and Design, Autonomous - Vessels, Design and Equipment, Engineering Services, Electronic Warfare, Fuels, Systems, Equipment and Power Optimisation, Marine Science - Equipment, Sensors and Systems, Weapon Systems, Shipyards, Newbuildings, Repair and Conversion, Cables, Systems and Equipment, Ship/ Vessel Design, Training and Simulation, Cargo Handling Equipment, Noise and Vibration Control, Ballast Water Treatment, Consulting Services, Electrical Control Systems and Equipment, HVAC - Heating, Air Conditioning, Minecountermeasure Systems, Port, Marine Infrastructure Masterplanning, University, College and Research Institution.

BAE SYSTEMS

BAE Systems – Maritime Services The Old Iron Foundry, The Parade,

HM Naval Base, Portsmouth, POI 3NB Tel: +44 2392 896 000

Web: www.baesystems.com

Summary: Maritime Services employs 3,500 employees, based across 5 sites, delivering end to end maritime services. We deliver support to over 50% of the Royal Navy's surface fleet.

Capabilities: Warship availability, Equipment and Facilities Management, Training, Product Development and Through Life Support for Radar, Torpedoes and Small Boats (including Pacific 950, Pacific 24, Artic Range). Manufacture of Advanced Electronics, PCBA, LRU's and Cabinets.

BAE Systems – Naval Ships

South Street, Scotstoun, Glasgow, G14 0XN Contact: Brian Johnson, UK Business

Development Director Tel: +44 141 959 1207

Web: www.baesystems.com

Summary: Encompasses ship design, build and combat systems for surface fleet warships

Capabilities: Prime Contract within the Aircraft Carrier Alliance for the Queen Elizabeth Class Aircraft Carriers, Type 45 Destroyers, Global Combat Ship (Type 26 Frigate, Hunter Class (Australia) and Surface Combatant (Canada) River Class Offshore Patrol Vessels.

BAE Systems -Maritime Microwave Materials

Burcote Road, Towcester, Northamptonshire, NN12 6TF

Contact: Stuart Drummond, **BD** Manager (Microwave Materials) Tel: +44 3300 468 440 Email: stuart.j.drummond@ baesvstems.com Web: www.baesystems.com

Summary: UK expertise in electromagnetic material and stealth consultancy

Capabilities: Radar Absorbing Material, Appliqué or Structural Microwave Absorbing Material and Services.

BAE Systems – Submarines

Main Shipyard Offices, Barrow-in-Furness, Cumbria, LA14 1AF

Contact: Simon Lee, Supply Chain Director Tel: +44 1229 823366

Email: simon.lee5@baesystems.com Web: www.baesystems.com

Summary: The Submarine business unit is a key component of BAE Systems Naval activities.

Capabilities: Design, Build, Integration and Commissioning of Nuclear Submarines.



The Power **Behind The Brands**

Barrus Ltd

Glen Way, Launton, Bicester, Oxfordshire. **OX26 4UR**

Contact: David Etherington, Sales Manager Tel: +44 1869 363636 Email: customerservices@barrus.co.uk

Web: www.barrus.co.uk Summary: Supplier of custom-built

specialised marine engines and accessories for the military, professional resume and commercial organisations. Mariner and Mercury outboards, FASTPIRSrescue engines and multi-fuel engines, Yanmar and John Deere inboard engines, Shire canal and workboat engines, air-liftable pump, saltwater pump, custom accessories, hybrid propulsion systems.

Capabilities: Engine servicing, Spare Parts, Boats, Boat Handling and Storage, Diesel, Dual Fuel Engines, Propulsion - Electric, Motors and Machinerv.

BDO

BDO LLP

55 Baker Street, London, W1U 7EU Contact: Michael Simms, Partner

Tel: +44 20 7486 5888 Email: salesenquiries@bdo.co.uk

Web: www.bdo.co.uk

Summary: Accounting and consulting firm specialising in maritime industries. Services - external audit, corporate finance, governance, risk and assurance, business support and outsourcing, tax mitigation and planning.

Capabilities: Cyber Risk Management, Business Services - Finance, Tax, Audit, Legal and Insurance.



Beckett Rankine

47 Gillingham Street, London, SW1V 1HS Contact: Gordon Rankine, Director

Tel: +44 20 7834 7267 Email: info@beckettrankine.com Web: www.beckettrankine.com

Summary: Planning, assessment, feasibility and design of ports, harbour and

other marine facilities. Fixed and floating infrastructure for berthing vessels of all sizes and waterfront developments. Long history of projects around UK and overseas.

Capabilities: Engineering Services, Consulting Services, Port, Marine Infrastructure Masterplanning, Shipyards, Newbuilding, Repair and Conversion, Aircraft Ground Servicing Equipment.





BMT Group Ltd

Zig Zag Building, 70 Victoria Street, London, SW1E 6SQ

Contact: Jenni Williamson Marketing Manager, Corporate Support Tel: +44 20 8943 5544 Email: enquiries@bmtglobal.com Web: www.bmt.org

Summary: BMT is a leading international design, engineering, science, and risk management consultancy with a reputation for excellence. We are driven by a belief that things can always be better, safer, greener and more efficient. We provide our customers with the capability, capacity, and confidence to enable them to make the right decisions at the right time by drawing upon the expertise of over 1,300 professionals located in Europe, Asia Pacific, Australasia and the Americas. Delivering independent, complex design and consultancy capabilities for over 37 years, we pride ourselves on being equipped to support our customers to tackle the most complex design and systems issues, and challenges, which enables the industry to deliver safer, cleaner and more fuel-efficient shipping for the future. We draw upon a wide range of experience and expertise to provide high-quality, high value products and services across the maritime sector. The group's assets are held in beneficial ownership for its employees.

Capabilities: Consulting Services, Alarm and Monitoring Systems, Autonomous – Vessels, Design, Equipment, Conditioning Monitoring, Cyber Risk Management, Engineering Services, Navigation and Positioning Systems and Equipment, Port, Marine Infrastructure Masterplanning, Ship/Vessel Design.



Briggs Marine

Seaforth House, Seaforth Place, Connect Business Village, 25 Derby Road, Burntisland, Fife, KY3 9AX

Contact: Robert Baker, Group General Manager Tel: +44 1529 872939 Email: enquiries@briggsmarine.com Web: www.briggsmarine.com

Summary: Briggs Marine is a leading provider of marine and environmental services, specialising in port and marine operations, subsea and environmental support and vessel charter.

Capabilities: Vessel Owner/Operator, Marine Science – Equipment, Sensors, Systems, Port Operations, Remote Inspection and Surveys, Boats, Boat Handling and Storage and Consulting Services.



Brooksbank Valves Ltd

Unit 4, The Crossings Business Park, Riparian Way, Cross Hills, West Yorkshire, BD20 7BW

Contact: David Laver, Technical Sales and Business Development Tel: +44 1756 792346

Email: sales@brooksbank.co.uk Web: www.brooksbank.co.uk

Summary: Brooksbank Valves Ltd, an ISO9001:2015 company, manufactures a wide range of high quality and high integrity valves in specialist materials to an increasingly diverse end user base.

Capabilities: Fire and Cas Protection Systems and Equipment, High Pressure Valves, Repairs, Submarines – Build, Systems, Equipment and Design.

Bruhn NewTech Ltd

Warner House, 123 Castle Street, Salisbury, Wiltshire, SP1 3TB

Contact: Binoy Shah, Business Development Manager Tel: +44 1722 417000 Email: info@bruhn-newtech.com Web: www.bruhn-newtech.com

Summary: We provide CBRN knowledge management software for use in defence against chemical, biological, radiological, and nuclear threats. Used by navies worldwide to monitor sensors providing damage control, rapid situational awareness, and directing force-wide operational response.

Capabilities: Lifesaving, Emergency, Safety Equipment and Systems, Above Water Sensors, Alarm and Monitoring Systems, Display and Information Systems – ECDIS, Screens, Consoles and Fire and Gas Protection Systems and Equipment.



Cammell Laird Shiprepairers & Shipbuilders Ltd

Campbeltown Road, Birkenhead, Merseyside, CH41 9BP

Contact: Mike Hill, Managing Director; Linton Roberts, Business Development Director

Tel: +44 151 649 6600 Email: sales@clbh.co.uk Web: www.clbh.co.uk

Summary: A high quality Marine, Industrial and Engineering Service Group

Capabilities: Shipyards, Newbuilding, Repair and Conversion, Electronic Instruments and Equipment.

Chelsea Technologies

Chelsea Technologies Ltd

55 Central Avenue, West Molesey, KT8 2QZ Tel: +44 20 8481 9000 Email: sales@chelsea.co.uk

Web: www.chelsea.co.uk

Summary: Chelsea Technologies prides itself on its deep engineering expertise, ingeniously applied to create the world's most sensitive, accurate and reliable environmental monitoring sensors and systems for surveying the ocean and other aquatic systems.

Capabilities: Electronic Instruments and Equipment, Scrubber Washwater Treatment, Smart Environmental Monitoring, Marine Science – Equipment, Sensors and Systems, Engineering Services, Ballast Water Treatment, Engine Emissions Monitoring, Exhaust Aftertreatment, Oil in Water Monitoring Systems.

CHESS () DYNAMICS

Chess Dynamics

Quadrant House, North Heath Lane, Horsham, West Sussex, RH12 5QE

Vision4ce

Unit 4, Wokingham Commercial Centre, Molly Millars Lane, Wokingham RG41 2RF

Naval Systems

22-24 Davy Road, Derriford, Plymouth, PL6 8BY

Contact: Mark Byfield, Vice President Strategic Business Development Tel: +44 1403 249888 Email: sales@chess-dynamics.com

Web: www.chess-dynamics.com

Summary: Advanced situational awareness, surveillance and precision fire control solutions for all classes of surface vessels.

Capabilities: Engineering Services, Electronic Instruments and Equipment, Electrical Control Systems and Equipment, Display and Information Systems – ECDIS, Screens, Consoles, Navigation and Positioning Systems and Equipment.

CHESTERFIELD SPECIAL CYLINDERS

Chesterfield Special Cylinders Ltd Meadowhall Road, Sheffield, S9 1BT

Contact: Lee Lawrence, Sales Tel: +44 114 242 7500

Email: info@chesterfieldcylinders.co.uk Web: www.chesterfieldcylinders.co.uk

Summary: Chesterfield have been designing and manufacturing high pressure seamless steel cylinders for over 100 years. We specialise in the supply of ultra-large cylinders with water capacities from 150L to 3,000L and working pressures to 700 bar.

Capabilities: Fire and Gas Protection Systems and Equipment, Weapon Handling Systems, Submarines – Build, Design, Fire-Fighting Systems, Inert Gas Systems and Plants.



CLYDE&CO

Clyde & Co LLP

The St Botolph Building, 138 Hounsditch, London EC3A 7AR

Contact: Nick Purnell, Partner Tel: +44 2078 765000 Web: www.clydeco.com

Summary: A leading international law firm, opens doors and helps you do business across 120 countries.

COLTRACO

Ultrasonics | since 1987

Coltraco Ultrasonics

46 Mount Street, Mayfair, London, W1K 2SA

Contact: Chloe Barker, Head of Clobal Distribution Tel: +44 20 7629 8475 Email: sales@coltraco.co.uk Web: www.coltraco.com

Summary: Headquartered in London, Coltraco Ultrasonics is a global company and is principally engaged in the research, design, development, manufacture, integration and sustainment of highexporting advanced technology systems, products and services. We monitor and measure an array of specialised environments to deliver the Safesite[™] on land and the Safeship[™] at sea.

Capabilities: Tank Level Measuring and Alarms, Hatches, Hatch Covers and Equipment, Fire and Gas Protection Systems and Equipment, Fire-Fighting Systems, Conditioning Monitoring.



The Crown Estate

1 St James's Market, London, SW1Y 4AH Tel: +44 20 7851 5000

Email: enquiries@thecrownestate.co.uk Web: www.thecrownestate.co.uk

Summary: The Crown Estate has been serving the nation for over 260 years. As one of the UK's largest landowners, it is responsible for some of the nation's most remarkable places and spaces, on land and at sea. The Crown Estate play an active role on the UK seabed in offshore energy, marine aggregates and cables and pipelines. It also looks after much of UK's foreshore.

Capabilities: Seabed, Energy, Minerals and Dredging, Cables and Pipelines, Marine Planning, Coastal and Offshore Wind.

T: +44 20 7628 2555



CU Phosco Lighting

Charles House, Great Amwell, Ware, Hertfordshire, SG12 9TA

Tel: +44 1920 860600 Email: hallo@cuphosco.com Web: www.cuphosco.com

Summary: CU Phosco Lighting is the leading UK manufacturer of exterior lighting including lighting columns. high masts, LED lanterns and floodlights. 2023 marks the centenary year for the company.

Capabilities: Electrical Control Systems and Equipment, Lighting - Vessels and Ashore Port Operations, Harbour Authorities, Engineering Services.



Cummins

4400 Leeds Avenue – Suite 300, North Charleston, South Carolina, 29405, USA

Contact: Eddie Brown, Business Development Leader, Marine Tel: +1 843 860 2015 Email: edmonds.brown@cummins.com

Web: www.cummins.com

Summary: A collaborative partner for your unique power solutions: diesel propulsion and auxiliary power (from 4-3,132 kW), battery electric offerings, hydrogen fuel cell solutions, and a global support network in 190 countries and 7,600 locations.

Capabilities: Battery Technology, Engine Servicing, Spare Parts, Power Management Systems, Propulsion – Auxiliary Wind Propulsion, Systems Equipment, Fuels, Systems, Equipment and Power Optimisation, Electric Generation Distribution Systems, Diesel, Dual Fuel Engines, Electrical Control Systems and Equipment, Engine Emissions Monitoring, Exhaust Aftertreatment and Propulsion – Electric Motors and Machinery.

CYBEROWL

CyberOwl

Spaces Monument, The Minster Building, 21 Mincing Lane, London, EC3R 7AG

Contact: Sara Fortes, Marketing Manager Tel: +44 2080 508042 Email: info@cyberowl.io Web: www.cyberowl.io

Summary: CyberOwl helps shipping operators gain visibility, cyber security and cyber compliance of their onboard systems. Our flagship proposition, Medulla, is a maritime cyber risk monitoring solution. It helps fleet operators know what they have on board, keep it secure and prove they have secured it. Capabilities: Cyber Risk Management.



Dendrityca Ltd

Marine Robotics Innovation Centre, National Oceanography Centre, Southampton, Hampshire, SO14 3ZH

Contact: Dr Peter Collinson, Founder Tel: +44 7770 751634

Email: peter.collinson@dendrityca.com

Summary: Provides management consulting and coaching on business transformation through digitalisation and decarbonisation. Focus on maritime autonomy, technology, cross domain operations and inspection systems.

Capabilities: Autonomous - Vessels, Design and Equipment, Battery Technology, Electric Power Management Systems, Conditioning Monitoring, Marine Science - Equipment, Sensors and Systems, Oil in Water Monitoring Systems, Propulsion - Electric, Motors and Machinery, Ship/Vessel Design, Shipping Business Intelligence, Analysis, Smart Environmental Monitoring, Underwater Sensors, Brokers, Agents and Finance, Consulting Services, Cyber Risk Management, Integrated Ship Automation Systems, Minecountermeasure Systems, Remote Inspection and Surveys.

DESMI

DESMI Ltd

6a Rosevale Business Park, Parkhouse Industrial Estate, Newcastle-under-Lyme, Staffordshire, ST5 7UB

Contact: Leon Ball, UK Sales Manager Tel: +44 7870 262974 Email: leba@desmi.com Web: www.desmi.com

Summary: We provide pumps, pumping systems, pump energy optimisation systems and ballast water management systems.

Capabilities: Electrical Control Systems and Equipment, Fire-Fighting Systems, Fuels, Systems, Equipment and Power Optimisation, Submarines – Build, Systems, Equipment and Design, Scrubber Washwater Treatment, Refrigeration Plants and Systems, Engineering Services, Waste Water Treatment, Ballast Water Treatment.



Drewry

15-17 Christopher Street, London, EC2A 2BS Contact: Martin Dixon, Head of Research Products

Tel: +44 2075 380191 Web: www.drewry.co.uk

www.arcwry.co.ak

Summary: A leading research and advisory organisation for the maritime sector. Capabilities: Consulting Services.





Ductform HFE

17 Faraday Road, Glenrothes KY6 2RU Contact: Alan Mathieson, Sales Manager Tel: +44 1592 778330 Email: sales@ductform.com Web: www.ductform.co.uk

Summary: Originally founded in 1974, we are Scotland's leading HVAC Ductwork contractors, providing the engineering, manufacture and installation of ventilation systems in the construction, marine and offshore sectors.

Capabilities: Engineering Services, Fire and Gas Protection Systems and Equipment, HVAC – Heating and Air-Conditioning.



Dynautics

Birch House, Parklands Business Park, Forest Road, Denmead, Waterlooville, Hampshire, PO7 6XP

Contact: Dr Henry Robinson, CEO Tel: +44 2392 267607 Email: info@dynautics.com Web: www.dynautics.com

Summary: Dynautics provides intelligent, reliable marine technology that keeps you in control of your USV or UUV. Thousands of miles have been navigated using our uncrewed vehicle management technologies, including autopilots, communications and power management. Our mission is enabling your mission's success.

Capabilities: Autonomous Vessel Control System, Power Management Systems, Navigation and Positioning Systems and Equipment, Communication Systems, Integrated and Satcoms, Electrical Control Systems and Equipment.

Echandia

Echandia

Karlbergs Strand 4L, Solna, 17173, Sweden Contact: Carl Bjurling Tel: +46 7273 12310

Email: c.bjurling@echandia.se Web: www.echandiagroup.com

Summary: Echandia supply heavyduty, high-power energy storage. All our solutions are built for demanding applications and will provide a safe, durable, and cost-efficient solution with a superior lifecycle.

Capabilities: Battery Technology and Electric Power Management Systems.



Ecomar Propulsion Ltd

32 Standard Way, Fareham, Hampshire, PO16 8XG

Contact: Anthony Bennett, Chief Operating Officer Tel: +44 20 1329 230097 Email: info@ecomarpropulsion.com Web: www.ecomarpropulsion.com

Summary: Ecomar Propulsion research, design and manufacture high performance, innovative clean marine propulsion systems. With zero-emissions electric and hybrid hydrogen inboard and outboard motors and complete systems for commercial vessels.

Capabilities: Propulsion – Waterjet, Propellers, Systems, Equipment, Electrical Control Systems and Equipment, Propulsion – Electric, Motors and Machinery.



Eminox Ltd

Corringham Road Industrial Estate, Gainsborough, Lincolnshire, DN21 1QB

Contact: Anthony Greatwood, Global Product Manager Tel: +44 1427 810088 Email: enquiries@eminox.com Web: www.eminox.com

Summary: Flexible, scalable, compact exhaust aftertreatment systems for 100 kW to 10 MW propulsion and auxiliary engines. Achieve global stage V and IMO III emissions standards for diesel and future net-zero fuels. For a greener planet, together.

Capabilities: Engine Emissions Monitoring, Exhaust Aftertreatment, Fuels, Systems, Equipment and Power Optimisation, Diesel, Dual Fuel Engines, Port, Marine Infrastructure Masterplanning, Power Management Systems, Ship/Vessel Design.



European Active Projects Ltd Berth 5, Chatham Docks, Chatham, Kent

Berth 5, Chatham Docks, Chatham, Kent ME4 4SW

Contact: Steve Jones, Owner/Director Tel: +44 1634 833200 Email: sales@eap-Itd.co.uk Web: www.eap-Itd.co.uk

Summary: Support services to the marine and industrial sectors from small repairs to large project managed contracts, our rapid response engineering teams can meet vessels in order to effect repairs. A nationwide network of workshops and a 150 m wet berth at Chatham allow alongside works.

Capabilities: Engineering Services, Recruitment and Staffing, Shipyards, Newbuildings, Repair and Conversion.



European Diesel Services Ltd Unit 8, Ormside Close, Hindley Industrial

Estate, Wigan, WN2 4HR Contact: Michael Gore, Managing Director Tel: +44 20 1942 257444

Email: michael@european-diesels.co.uk Web: www.european-diesels.co.uk

Summary: Specialist suppliers of spare parts and service engineers for Ruston, Bergen, Paxman, Allen, Wärtsilä, Dorman & Perkins engines as well as Napier Turbochargers.



EQUANS Axima

8 Devonshire Square, London, EC2M 4PL

Contact: Russ Tidbury, Senior Commercial Director Tel: +44 7399 189032 Email: russ.tidbury@equans.com Web: www.marine.engie-axima.com

Summary: Marine HVAC-R and fire fighting systems, fully supported from design concept through to disposal. Solutions available from 1,500-tonne vessels to above 100,000-tonne vessels. Expertise in low energy solutions, chilled watersystems and CBRN protection.

Capabilities: Accommodation Systems and Equipment, Alarm and Monitoring Systems, Fire and Gas Protection Systems and Equipment, Galley Systems and Equipment, Engineering Services, Fire-Fighting Systems, Electrical Control Systems and Equipment, HVAC – Heating, Air Conditioning, Inert Gas Systems and Plants, Minecountermeasure Systems, Refrigeration Plants and Systems and Submarines – Build, Systems, Equipment and Design.



Evica Ltd

International Development Centre, Valley Drive, Ilkley, West Yorkshire, LS29 8AL

Tel: +44 1943 606484 Web: www.evicalights.com

Summary: Evica Ltd are a UK OEM specialising in the design and manufacture of high-end LED lighting products. The Evica Search range delivers high intensity marine and landbased LED searchlights with unique adjustable beam patterns. Visible and infra-red devices are supplied for both conventional and covert surveillance.



EwePack

Ewepack Events

The Manor House, High Street, Buntingford, Herts, SC9 9AB **Contact:** Samantha Godden,

Office Manager Tel: +44 1449 257171 Email: sam@ewepack.com Web: www.ewepack.com

Summary: Providing global freight forwarding support to businesses and brands at live events, exhibitions, trade shows, product launches, conferences and PR days.

Capabilities: Publishers, Event Organisers and Event Logistics.



Ferguson Marine (Port Glasgow) Ltd Newark Works, Castle Road, Port Glasgow, Inverclyde, PA14 5NG

Contact: David McVeigh, Commercial Director Tel: +44 7880 962972 Email: david.mcveigh@fergusonmarine.com

Web: www.fergusonmarine.com

Summary: Ferguson Marine has been a commercial shipbuilder on the Clyde river in Scotland for over 100 years, designing, building and launching vessels up to 110m in length.

Capabilities: Ship/Vessel Design and Shipyards, Newbuilding, Repair and Conversion.



First Marine International – A Company of Royal HaskoningDHV

2 Abbey Gardens, Great College Street, Westminster, London, SW1P 3NL

Contact: Damien Bloor, FMI Advisory Group Director Tel: +44 20 7151 0974 Email: fmi@rhdhv.com

Web: www.royalhaskoningdhv.com/FMI Summary: Specialist consultancy to

shipyards and maritime industries worldwide.

Capabilities: Market Research, Strategic Planning, Competitiveness Studies, Costing and Ship Cost Structure Analysis, Ship and Offshore Yard Design and Development, Benchmarking and Performance Improvement, Industry Benchmarking and Action Plans, Capacity and Capability Analysis, Ship Acquisition Strategy Development and Support.



Flowserve

Burrell Road Industrial Park, Burrell Road, Haywards Heath, West Sussex, RH16 1TL Contact: Nick Warwick,

Defence and Nuclear Sales Manager Tel: +44 7713 501761 Email: nwarwick@flowserve.com

Web: www.flowserve.com

Summary: Since the 1960s, Flowserve has manufactured high integrity valves and actuation equipment for surface and sub-surface naval platform systems such as H/P air, HVAC, vent and blow, flood and drain, hull valves, SSE, direct and emergency blow and reverse osmosis.

Capabilities: Ballast Water Treatment, High-Pressure Valves and Repairs.

FORESHORE TECHNOLOGY

Foreshore Technology Ltd Old Ambulance Station, 1B Brockway,

Nailsea, Bristol, BS48 1BZ

Contact: John Steed, Director Tel: +44 1173 183977 Email: info@foreshoretechnology.com

Web: www.foreshoretechnology.com Summary: Hardware and software

solutions for dredging and marine construction activities. Portfolio of embedded systems, sensors, IoT and Cloud Computing focusing on maritime applications.

Capabilities: Dredging, Electronic Monitoring Systems for Governmental Organisations, Software Engineering, Mechanical System Engineering.





Frazer-Nash Consultancy Ltd

Stonebridge House, Dorking Business Park, Dorking, Surrey RH4 1HJ Narrow Quay House, 2 Prince Street, Bristol, BS1 4BA

Contact: Paul Havron, Group Business Manager Tel: +44 117 922 6242 Email: p.havron@fnc.co.uk Web: www.fnc.co.uk

Summary: Frazer-Nash is a leading systems, engineering, and technology company. Part of KBR Group, we help organisations deliver innovative engineering and technology solutions to make lives safe, secure, sustainable, and affordable. With over 1,000 employees, we work from a network of nine UK and four Australian locations. Our people apply their expertise to develop, enhance and protect our clients' critical assets, systems, and processes. We use our skills and talents to ensure a sustainable future for society. Our work helps deliver a safe and secure world, where natural resources are conserved, and clean energy is available to all. And we focus on actions to reduce climate change, supporting rapid and far-reaching transformations in the delivery of energy, security, industry, and transport.

Capabilities: Consulting Services, Ship/ Vessel Design, Noise and Vibration Control, Submarines - Build, Systems, Equipment, Design, Autonomous - Vessels, Design, Equipment, Cyber Risk Management, Electrical Control Systems and Equipment, Engineering Services, Weapon Systems and Training and Simulation.



Frequentis UK Ltd Regal House, 70 London Road,

Regal House, 70 London Road, Twickenham, London, TW1 3QS

Contact: David King, Head of Sales UK and Ireland Tel: +44 7540 841220 Email: david.king@frequentis.com Web: www.frequentis.com

Summary: Frequentis is ready to lead its customers through future evolutions of their communications and information management infrastructure as technology evolves and systems become more integrated. GMDSS, VTS, CLOUD, DIVOS

Capabilities: Communication Systems, Integrated, Satcoms, Electrical Control Systems and Equipment, Electronic Instruments and Equipment, Port Management Information Systems.



TUGRO

Fugro

Fugro House, Hithercroft Road, Wallingford, Oxfordshire, OX10 9RB

Contact: Antony Pedley, Business Development Manager Tel: +44 1491 820700 Email: a.pedley@fugro.com Web: www.fugro.com

Summary: Fugro provides integrated data acquisition, analysis and advice to unlock insights from geo-data to help our clients design, build and operate their assets in a safe, sustainable and efficient manner.

Capabilities: Aircraft Landing Aids, Above Water Sensors, Navigation and Positioning Systems and Equipment, Smart Environmental Monitoring, Alarm and Monitoring Systems, Engineering Services, Integrated Ship Automation Systems, Marine Science – Equipment, Sensors, Systems, Port Operations, Harbour Authorities, Remote Inspection and Surveys, Underwater Sensors, Ocean Data Solutions, Port, Marine Infrastructure Masterplanning, Vessel Owner/Operator, Consulting Services, Autonomous – Vessels, Design and Equipment.



GE Energy Power Conversion UK Ltd Thomson Houston Way, Off Technology Drive, Rugby, Warwickshire, CV21 1BD

Tel: +44 1788 563563

Email: marine.powerconversion@ge.com Web: www.gepowerconversion.com

Summary: GE's Power Conversion business specialises in electrification solutions, electric propulsion, energy management, DP, digital and automation and control systems for marine applications across naval, offshore marine and transport sectors.

Capabilities: Port, Marine Infrastructure Masterplanning, Propulsion - Electric, Motors and Machinery, Training and Simulation, Propulsion – Waterjet, Propellers, Systems, Equipment, Power Management Systems, Navigation and Positioning Systems and Equipment, Integrated Bridge Systems, Display and Information Systems - ECDIS, Screens, Consoles, Cyber Risk Management, Battery Technology, Electric Power Management Systems, Alarm and Monitoring Systems, Autonomous Vessels, Design, Equipment, Conditioning Monitoring, Electric Generation Distribution Systems, Fuels, Systems, Equipment and Power Optimisation, Integrated Ship Automation Systems, Propulsion – Auxiliary Wind Propulsion, Systems Equipment, Electrical Control Systems and Equipment.

🔆 **g r a f** m a r i n e

Grafmarine

c/o Kennedy House, Westchurch, 31 Stamford Street, Altrincham, WA14 1ES Contact: Marc Roberts,

Commercial Director Tel: +44 161 929 6300 Email: info@grafmarine.com Web: www.grafmarine.com

Summary: Grafmarine is developing clean energy generation, storage and power management solutions for maritime sector. Our technology is modular and scalable, systems are sized to meet power demands of a vessel.

Capabilities: Battery Technology, Electrical Control Systems and Equipment.



Griffon Hoverwork Ltd

8 Hazel Road, Woolston, Southampton, SO19 7GA

Contact: Adrian Went, Managing Director Tel: +44 2380 686666

Email: sales@griffonhoverwork.com Web: www.griffonhoverwork.com

Summary: Design, manufacture and in-service support of hovercraft, amphibious vehicles and zero-emissions marine technology including offering research and development, solution/ product development and product support for third party solutions.

Capabilities: Marine Engineering Design, Zero Emissions System Design and Integration, High Technology Marine System Integration, Consulting Services for amphibious/shallow water/ littoral challenges, complex Aluminium Fabrication, Flexible Structure Design and Manufacture.



H2NA Ltd

5 Brighton Way, Chippenham, Wiltshire SN14 0YR

Contact: Phil Henderson, Naval Architect Tel: +44 7592 511446 Web: www.h2na.co.uk

Summary: H2NA provides naval architecture and engineering support to any type of floating platform. Our chartered engineers help UK organisations to develop, maintain and operate vessels ranging from 10-m workboats to 200-m naval support ships.

Capabilities: Ship/Vessel Design, Propulsion – Waterjet, Propellers, Systems, Equipment, Vessel Owner/ Operator, Accommodation Systems and Equipment, Classification Societies, Regulatory, Registry, Deck Equipment and Machinery, Engineering Services, Port Operations, Harbour Authorities, Consulting Services, Shipyards, Newbuilding, Repair and Conversion.



HamiltonJet UK

The Birches Industrial Estate, East Grinstead, West Sussex, RH19 1XZ

Contact: Kevin Robertson General Manager Tel: +44 1342 313437 Email: kevin.robertson@hamiltonjet.uk Web: www.hamiltonjet.com

Summary: HamiltonJet has 20 different jet models starting from 270 kW up to 5,500 kW in maximum power rating. As a preferred supplier we have installed over 60,000 waterjets into vessels around the globe, including offshore, pilot, rescue, fire, military, patrol, windfarm, fast ferry, fishing, aquaculture and recreational applications.

Capabilities: Propulsion – Waterjet, Propellers, Systems and Equipment.



Harland & Wolff

8th Floor, Northern & Shell Building, 10, Lower Thames Street, London, EC3R 6AF

Contact: Seena Shah, Head of Marketing and Communications Tel: +44 330 124 0427 Email: media@harland-wolff.com

Web: www.harland-wolff.com

Summary: Harland & Wolff offer vast capabilities in shipbuilding and heavy fabrication thanks to its four sites that work concurrently across the United Kingdom.

Capabilities: Steering Systems and Equipment, Shipyards, Newbuilding, Repair & Conversion, Propulsion - Electric, Motors and Machinery, Electrical Control Systems and Equipment, Diesel, Dual Fuel Engines, Anti-Collision Systems and Equipment, Ballast Water Treatment, Cables, Systems and Equipment, Battery Technology, Electric Power Management Systems, Anti-Fouling, Anti-Corrosion Systems, Engine Servicing, Spare Parts, Hydraulics, Systems and Equipment, Power Management Systems, Propulsion - Waterjet, Propellers, Systems, Equipment, Bearings, Engineering Services, High Pressure Valves and Repairs.

T: +44 20 7628 2555



HENSOLDT

HENSOLDT UK

Unit 4, Voltage, Mollison Avenue, Enfield, Middlesex, EN3 7XQ

Contact: Rohan Dearlove, Business Development Director (UK & Ireland) Tel: +44 1992 805396 Email: rohan.dearlove@hensoldt.net Web: www.hensoldt.net

Summary: A world leader in navigation systems, mission systems and sensors for commercial and naval vessels. In addition, HENSOLDT sets the standard in coastal, offshore surveillance and VTS sensors, radars for windfarm mitigation and H2 clean energy solutions.

Capabilities: Navigation Systems for Commercial and Naval Vessels, Mission Systems and Sensors for Naval Vessels, Coastal and Offshore Surveillance Systems, Sensors for VTS, Radars for Windfarm Mitigation and H2 Clean Energy Solutions, Above Water Sensors, Compasses, Gyros, Bridge Instrumentation, Display and Information Systems - ECDIS, Screens, Consoles, Electronic Instruments and Equipment, Integrated Bridge Systems, Navigation and Positioning Systems and Equipment, Port Management Information Systems, Submarines - Build, Systems, Equipment, Design, Training and Simulation, Electronic Warfare, Anti-Collision Systems and Equipment, Steering Systems and Equipment.

母 HOULDER

Houlder Ltd

1-2 Paris Garden, London, SEI 8ND Contact: Rupert Hare, Chief Executive Officer Tel: +44 20 7283 1220 Email: enquiries@houlderltd.com Web: www.houlderltd.com

Summary: We are specialists in engineering design, clean technology and technical consultancy for the marine and offshore environments.

Capabilities: Ship/Vessel Design, Autonomous - Vessels, Design, Equipment, Ballast Water Treatment, Battery Technology, Electric Power Management Systems, Boats, Boat Handling and Storage, Consulting Services, Conditioning Monitoring, Deck Equipment and Machinery, Engineering Services, Fuels, Systems, Equipment and Power Optimisation, Hatches, Hatch Covers and Equipment, Propulsion -Auxiliary Wind Propulsion, Systems Equipment, Propulsion - Electric, Motors and Machinery, Scrubber Washwater Treatment, Ship Model Testing and Shipyards, Newbuilding, Repair and Conversion



HR Wallingford

Howbery Park, Wallingford, Oxfordshire, OX10 8BA

Contact: Tom Matthewson, Regional Manager – UK & Ireland Tel: +44 1491 835381 Email: info@hrwallingford.com Web: www.hrwallingford.com

Summary: We design smart, resilient solutions across the natural and built environments to help everyone live and work more sustainably with water. We provide port owners and operators with the solutions they need to design, build and operate maritime facilities safely and efficiently. We are specialists in the maritime environment; we develop and optimise maritime projects around the world.

Capabilities: Consulting Services, Training and Simulation, Marine Science – Equipment, Sensors, Systems, Engineering Services, Port, Marine Infrastructure Masterplanning, University, College and Research Institution.



ICE Marine Design (International Contract Engineering Ltd)

19-21 Circular Road, Douglas, Isle of Man, IM1 1AF

Contact: Steinar Draegebo, Chairman Tel: +44 1624 623190 Email: marketing@icedesign.info Web: www.icedesign.info

Summary: Engineering and design services (conceptual, functional, detail, and production documentation) for the commercial marine, naval and energyrelated industries to shipowners, yards, EPC defence contractors and offshore energy companies.

Capabilities: Consulting Services, Engineering Services, Ship/Vessel Design.



IMI Critical Engineering

2 Priory Road, Aston, Birmingham, West Midlands, B6 7LG

Contact: Chris Richards, Marine Sales Director Tel: +44 121 327 4789

Email: imitm.sales@imi-critical.com Web: www.imi-critical.com

Summary: We have a 60-year naval marine legacy, with over 140,000 valves in service across 36 navies worldwide. Our products have been created to withstand the harshest of environments.

Capabilities: Engineering, Engineering Services, High Pressure Valves and Repairs, Noise and Vibration Control.



Intermarine UK

Office 10, JR House D6, Main Avenue, Treforest Industrial Estate, Pontypridd, Cardiff, CF37 5UR

Contact: Nick Mansell, Chief Executive Officer Tel: +44 7841 922787 Email: nick.mansell@intermaineuk.com Web: www.intermarineuk.com

Summary: Intermarine UK is a specialist supplier of SQEP labour across shipbuilding trades for newbuild, repair and offshore mobilisation projects in the UK and Internationally. Our capabilities include the supply of complete project teams for turnkey project delivery.

Capabilities: Vessel Owner/Operator, Port Operations, Harbour Authorities, Engineering Services, Consulting Services, Port, Marine Infrastructure Masterplanning, Recruitment, Staffing, Shipyards, Newbuilding, Repair and Conversion.



Jo Bird Company Ltd

Factory Lane, Bason Bridge, Highbridge, Somerset, TA9 4RN

Contact: Nick Atkins, Sales Coodinator Tel: +44 1278 785546 Email: info@jobird.co.uk Web: www.jobird.co.uk

Summary: Jo Bird & Co Ltd provides robust protection for vital lifesaving and fire safety equipment. Designed and built in the UK, our cabinets are exported to over 33 countries through our worldwide network of LSA distributors. Most of the cabinets are Lloyd's Register type test approval and American Bureau of Shipping product design approval.

Capabilities: Fire-Fighting Systems, Fire and Gas Protection Systems and Equipment, Lifesaving, Emergency, Safety Equipment and Systems, Minecountermeasure Systems.



Johnson Controls

Johnson Controls

2 The Briars, Waterberry Drive, Waterlooville, PO7 7HY Contact: Chris Griffiths,

Sales Manager, Global Marine & Navy Tel: +44 7980 716408 Email: chris.griffiths@jci.com Web: www.johnsoncontrols.com/marine

Summary: Supplier of fixed fire-fighting; fire, smoke and flood detection; HVAC and chilled water plant solutions for naval warships and submarines.

Capabilities: Alarm and Monitoring Systems, Fire and Gas Protection Systems and Equipment, Fire-Fighting Systems, HVAC – Heating, Air-Conditioning, Inert Gas Systems, Plants and Lifesaving, Emergency, Safety Equipment and Systems.



hello now

Kinetsu

Unit 1A Harbour Estate, Belfast, Antrim BT3 9HB

Contact: Jackie Crooks, Chief Commercial Officer Tel: +44 2895 219091 Email: hello@kinetsu.co.uk Web: www.kinetsu.co.uk

Summary: Kinsetsu works within the Internet of Things (IoT) space deploying sensors to critical business assets and introducing automation to transform service flow. This enables seamless data capture from equipment, spares, buildings, personnel and vehicles, validating task completion and eliminating human error.

Capabilities: Smart Environmental Monitoring, Alarm and Monitoring Systems, Marine Science – Equipment, Sensors, Systems, Remote Inspection and Surveys, Shipping Business Intelligence, Analysis, Lifesaving, Emergency, Safety Equipment and Systems, Integrated Bridge Systems, Conditioning Monitoring, Integrated Ship Automation Systems.



KONGSBERG

Kongsberg Maritime Ltd

Thermopylae House, Prospect Road, Arnhall, Aberdeen, AB32 6FE

Contact: Kongsberg Maritime Sales **Tel:** +44 1224 278 300

Email: km.sales@km.kongsberg.com Web: www.kongsberg.com/maritime

Summary: Kongsberg Maritime is a world leader in marine technology. With an extensive portfolio of innovative and integrated products and solutions, Kongsberg Maritime delivers efficiency, reliability, flexibility, and environmental sustainability to enhance the business of its customers. Our approach to product design maximises performance by providing the full picture.

Capabilities: Above Water Sensors, Compasses, Gyros, Bridge Instrumentation, Display and Information Systems - ECDIS, Screens, Consoles, Electronic Instruments and Equipment, Engine Servicing, Spare Parts, Integrated Bridge Systems, Navigation and Positioning Systems and Equipment, Oil in Water Monitoring Systems, Port Management Information Systems, Power Management Systems, Propulsion Waterjet, Propellers, Systems, Equipment, Ship/Vessel Design, Training and Simulation, Weapon Systems, Alarm and Monitoring Systems, Autonomous - Vessels, Design, Equipment, Cargo Handling Equipment.



L3Harris MAPPS Ltd

Unit 2 Clayton Manor, Victoria Gardens, Burgess Hill, West Sussex, RH15 9NB

Contact: Neil Howard, Head of Business Development Tel: +44 7824 435054 Email: neil.howard@l3harris.com and jennifer.dowle@l3harris.com Web: www.l3harris.com

Summary: L3Harris MAPPS Ltd excels in the provision, training and support of state-of-the-art platform management and simulation solutions, utilising latest technology, for both the commercial and military sectors.

Capabilities: Alarm and Monitoring Systems, Cargo, Ballast Alarm Monitoring, Control System, Communication Systems, Integrated and Satcoms, Compasses, Gyros, Bridge Instrumentation, Displays and Information Systems – ECDIS, Screens, Consoles, Electrical Control Systems and Equipment.

& LEONARDO

Leonardo UK Ltd

1 Eagle Place, St James's, London, SW1Y 6AF

Contact: Jack Green, Key Account Manager Tel: +44 117 988003 Email: info@leonardo.com

Web: www.uk.leonardo.com

Summary: Leonardo designs, develops and manufactures a full range of capability and services across multi-mission rotary and fixed-wing aircraft, uncrewed platforms, systems and sensors, providing integrated solutions and support in the maritime, space and cyber/electromagnetic domains.

Capabilities: Above Water Sensors, Aircraft Ground Servicing Equipment, Communication Systems, Integrated, Satcoms, Cyber Risk Management, Electronic Warfare, Integrated Bridge Systems, Port Management Information Systems, Port Operations, Harbour Authorities, Submarines – Build, Systems, Equipment, Design, Training and Simulation, Underwater Sensors, Weapon Handling Systems and Weapon Systems.



LIBERTY COLLINS

Liberty Collins Ltd

28 Queen Street, London, EC4R 1BB Contact: Ele Theochari,

Director and Head of Consultancy Tel: +44 20 8088 2880 Email: advice@libertycollins.com Web: www.libertycollins.com

Summary: Liberty Collins is renowned for its expertise in R&D tax relief and covers many sectors from technology, life sciences, construction to Al. Liberty Collins provides a personal approach to R&D tax credits.

Capabilities: Business Services – Finance, Tax, Audit, Legal, Insurance and Consulting Services.



T: +44 20 7628 2555





Liverpool John Moores University Liverpool Maritime Academy, School of Maritime and Mechanical Engineering, James Parsons Building, Byrom Street, Liverpool, Merseyside, L3 3AF

Contact: Ian Jenkinson, Director of School Tel: +44 1512 312011 Email: maritime@ljmu.ac.uk Web: www.ljmu.ac.uk/eng

Summary: The Liverpool Maritime Academy brings together: the school's internationally recognised research in marine and offshore engineering; undergraduate and postgraduate programmes and professional training for the maritime and port industries.

Capabilities: University, College and Research Institution, Consultancy Education and Training, Marine Simulation, Professional Services, Ship Port, Staff Training, Maritime Operations, Navigation Ship-Handling, Offshore Risk Assessment, Logistics, Planning, Engineering, Electrical and Mechanical Computer Networks.



Lloyd's Register

71 Fenchurch Street, London, EC3M 4BS

Contact: Matthew Treadwell, UKI Lead, Shipping Markets & Zero Carbon Solutions Tel: +44 20 8052 1018

Email: london.client-management@lr.org Web: www.lr.org

Capabilities: Smart Environmental Monitoring, Training and Simulation, Classification Societies, Regulatory, Registry, Fuels, Systems, Equipment and Power Optimisation, Remote Inspection and Surveys, Port, Marine Infrastructure Masterplanning, Ocean Data Solutions, Consulting Services.



Lockheed Martin UK Holdings Ltd

40 Grosvenor Place, London, SWIX 7AW Contact: Adam Clink,

Head of Maritime Strategic Engagement Tel: +44 20 7823 0700 Email: sales@lmco.com Web: www.lockheedmartin.co.uk

Summary: Development, integration and sustainment of advanced technology platforms, systems, products and support services in space, air, land, sea environments with increasing focus on technologies in the marine and maritime sector, including environmental sustainability considerations.

Capabilities: Equipment and Integrated Systems for Defence, Security and Commercial Development. High Technology Programmes, Integration, Training and Through-Life Support, plus Ship, Submarine Mission and Combat Systems, Mission Systems and Sensors.



Macduff Ship Design Ltd Low Shore, Macduff, Aberdeen, AB44 1RE

Contact: Ian Ellis, Managing Director Tel: +44 1261 833825 Web: www.macduffshipdesign.com

Summary: Naval Architecture and Marine Surveyors to the commercial marine industry for new and existing vessels. Vessels including work boats, tugs, fishing vessels, ferries, pilot boats, patrol boats, dredgers, research vessels and multipurpose vessels.

Capabilities: Ship/Vessel Design and Consulting Services.



MACTAGGART SCOTT

MacTaggart, Scott & Company Ltd 15 Hunter Avenue, Loanhead, Edinburgh, Midlothian, EH20 9SP

Contact: Simon Withington, Business Development Manager Tel: +44 1314 400311 Email: simon.withington@mactag.com

Web: www.mactag.com Summary: MacTaggart Scott, formed in 1898, designs, manufactures and sustain

1898, designs, manufactures and sustains a wide range of 'electro-hydraulic' mission critical systems for naval submarines and surface ships.

Capabilities: Submarines – Build Systems, Equipment, Design, Propulsion – Waterjet, Propellers, Systems, Equipment, Deck Equipment and Machinery, Engineering Services, Consulting Services, Minecountermeasure Systems, Propulsion – Electric, Motors and Machinery, Replenishment at Sea Systems and Weapon Handling Systems.

Malin Group

Malin Group

100 Govan Road, Pacific Quay,Glasgow, G51 1AY

Contact: Helenor Fisher, Group Brand Manager Tel: +44 141 221 3075 Email: info@malingroup.com Web: www.malingroup.com

Summary: Malin Group offers a comprehensive range of services and capabilities, through our specialist business units, spanning design consultancy, marine operations and shipping, to fabrication, installation and site maintenance services.

Capabilities: Hatches, Hatch Covers and Equipment, Ship/Vessel Design, Vessel Owner/Operator, Engineering Services, Cargo Handling Equipment, Ballast Water Treatment, Consulting and Shipyards, Newbuilding, Repair and Conversion.



Marico Marine Group

Marico House, Bramshaw, Southampton, Hampshire SO43 7JB

Contact: André Cocuccio, UK Director Tel: +44 2380 811133

Email: andre.cocuccio@maricogroup.com Web: www.maricogroup.com

Summary: Marico Marine is an independent marine consultancy and technology company providing solutions for ports, harbours and offshore energy sectors worldwide. We offer a wealth of experience and technical innovation with a solid reputation built on integrity and competence.

Capabilities: Consulting Services, Port Operations, Harbour Authorities, Ocean Data Solutions, Marine Science – Equipment, Sensors, Systems, Port, Marine Infrastructure Masterplanning, Training and Simulation, Navigation and Positioning Systems and Equipment, Autonomous – Vessels, Design, Equipment, Classification Societies, Regulatory, Registry, Port Management Information Systems.



Marine Components International Unit 1, Benridge Business Park, Holyrood Close, Poole, Dorset BH17 7BD

Contact: Andy Scott, Managing Director Tel: +44 1202 624244

Email: sales@marinecomponents.co.uk Web: www.marinecomponents.co.uk Summary: Global distributors of BSB fire

dampers, lasdrop shaft seals, echopilot forward looking sonar, bennett trim tabs, groco ball valves, water pressure pumps.

Capabilities: Hydraulics Systems and Equipment, Navigation and Positioning Systems and Equipment, Deck Equipment and Machinery, Seals, Lifesaving, Emergency, Safety Equipment and Systems, Fire and Gas Protection Systems and Equipment, HVAC – Heating and Air Conditioning.





Marine Data Systems

Vittlefields Technology Centre, Forest Road, Newport, Isle of Wight, PO30 4LY

Contact: Sales Department Tel: +44 1983 822180 Email: sales@marine-data.co.uk Web: www.marine-data.co.uk

Summary: Marine Data Systems is a British multi award-winning manufacturer of marine navigation systems, including Automatic Identification Systems (AIS), compass and heading displays, transmitting heading devices, rudder instrumentation, navigation displays and power and data distribution.

Capabilities: Anti-Collision Systems, Automatic Identification Systems, Navigation and Positioning Systems and Equipment, Electronic Instruments and Equipment, Display and Information Systems – ECDIS, Screens, Consoles, Compasses, Cyros and Bridge Instrumentation.



Marine Resources Recruitment Hamble River Boat Yard, Bridge Road Swanwick, Southampton, SO31 7EB

Contact: Preslava McCarthy Tel: +44 2380 633399 Email: hi@marineresources.co.uk Web: www.marineresources.co.uk

Summary: Marine Resources offers fully managed bespoke recruitment and headhunting services. All consultants have a genuine passion and knowledge for the marine industry. The team use their expertise to source exceptional talent within the shore-based leisure and superyacht industry. Marine Resources also supply contract staff solutions for short to long term projects.

Capabilities: Recruitment and Staffing.



moffatt & nichol

Moffatt & Nichol

2nd Floor, 93 Southwark Street, London SEI OHX

Contact: Karen Levy, Business Development Manager Tel: +44 203 984 7491 Email: klevy@moffattnichol.com Web: www.moffattnichol.com

Summary: A global infrastructure advisory company, Moffatt & Nichol provides engineering and consulting services to clients in the marine terminal, energy, renewable energy, environmental and urban development markets around the world.

Capabilities: Engineering Services, Consulting Services, Port and Marine Infrastructure Masterplanning.



MPCC UK Ltd

Unit 1 & 2, Millshaw, Leeds, West Yorkshire LSI1 0LX

Contact: Joshua Bray, Sales Director Tel: +44 113 2890281 Email: sales@mpcc.co.uk Web: www.mpcc.co.uk

Summary: Founded in 1988 by ex-Shell tankers engineer Tony Bray. MPCC has been supplying the marine, oil and gas, concrete, tarmac and sewage industries with quality spare parts. With warehouses in the UK and Singapore, our pump and compressor spares can reach your vessels on time.

Capabilities: Waste Water Treatment, Seals, Bearings, Deck Equipment and Machinery.



National Oceanography Centre Marine

European Way, Southampton, Hampshire, SO14 3ZH

Contact: Mark Hamson, Innovation Centre Manager Tel: +44 2380 596666 Email: innovationcentre@noc.ac.uk Web: www.noc.ac.uk

Summary: NOC is a leader on ocean science. Our subsidiary, NOC Innovations, provides a vital link between science and business, enabling technology and research to transfer to industry and revenue generated to support our charitable purposes.

Capabilities: University, College, Research Institution, Underwater Sensors, Temperature and Pressure Calibrators, Autonomous – Vessels, Design and Equipment, Marine Science – Equipment, Sensors and Systems.



Navitron Systems Ltd

17 The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB

Contact: Richard Hunt, Joint Managing Director Tel: +44 2392 498740 Email: sales@navitron.co.uk Web: www.navitron.co.uk

Summary: Design and manufacture of MED wheelmarked type-approved heading control systems and class-approved main steering systems including rudder indicators, electronic inclinometers analogue and digital heading repeaters and power steer controls.

Capabilities: Compasses, Gyros, Bridge Instrumentation, Display and Information Systems – ECDIS, Screens, Consoles, Electronic Instruments and Equipment, Navigation and Positioning Systems and Equipment, Steering Systems and Equipment.



NAVSYSTEMS IOM Ltd

Commerce Chambers, Bowring Road, Ramsey, Isle of Man, IM8 2LQ

Contact: Dave Hussey, Director Tel: +44 1624 818611 Email: sales@bluespider.im

Web: www.bluespider.com Summary: NAVSYSTEMS is an

independent software vendor focusing primarily on the marine sector.

Capabilities: Consultants, Advisors, Consultancy, Information Service, Survey, Cable, 3D Modelling, Blue Spider, Data Acquisition, Data Logging, OPC.



Nectar Group Ltd

1 Ashton Gate, Ashton Road, Romford, Essex, RM3 8UF

Contact: Guy Wilkes, Commercial Director Tel: +44 1708 386555

Email: commercial@nectar.co.uk Web: www.nectargroup.co.uk

Summary: Nectar Group, a global leader in bulk and break bulk handling services, operates and manages a number of terminals around the world. The group also specialises in consultancy projects, bagging services, maintenance contracts and equipment sales.

Capabilities: Cargo Handling Equipment, Port Operations, Harbour Authorities and Consulting Services.





Newcastle University

Queen Victoria Road, Newcastle Upon Tyne, Tyne and Wear, NEI 7RU

Contact: Paul Stott, Senior Lecturer Tel: +44 191 208 6721

Email: paul.stott@newcastle.ac.uk Web: www.ncl.ac.uk/engineering

Summary: Teaching and research in naval architecture, marine engineering, offshore engineering, subsea engineering, pipeline engineering, shipping and logistics.

Capabilities: University, College and Research Institution.



Nortek UK

Ground Floor, Endeavour House, Meridians Cross, 7 Ocean Way, Ocean Village, Southampton, SO14 3TJ

Contact: Scott Gray, Managing Director Tel: +44 2380 236855

Email: inquiry@nortekgroup.com Web: www.nortekgroup.com

Summary: Nortek designs, develops and produces scientific instruments that apply the Doppler principle to underwater acoustics in order to measure water in motion, such as currents and waves. Providing class leading DVLs and ADCPs.

Capabilities: Electronic Instruments and Equipment, Navigation and Positioning Systems and Equipment, Underwater Sensors, Marine Science – Equipment, Sensors, Systems, Ocean Data Solutions and Autonomous – Vessels, Design, Equipment.

SONIHULL

ULTRASONIC ANTI-FOULING SYSTEM

NRG Marine Ltd (Sonihull)

Sonihull House, 11 Mercia Business Village, Torwood Close, Coventry, CV4 8HX Contact: Darren Rowlands, CEO

Tel: +44 2476 101510 Email: office@sonihull.com Web: www.sonihull.com

NRG Marine General Trading LLC Sonihull Operation Centre

Block C1, Business Park, ICAD 3, Abu Dhabi, PO Box 9820

Tel: +971 2 546 5463 Email: info@sonihull.com Web: www.sonihull.com

Summary: Sonihull provides a range of fit-and-forget ultrasonic anti-fouling systems for any surface that is exposed to raw seawater. Sonihull can protect all parts of the vessel including hulls, propellers, and other niche areas.

Capabilities: Anti-Fouling, Anti-Corrosion Systems, Propulsion – Waterjet, Propellers, Systems, Equipment, Anti-Collision Systems and Equipment, Ballast Water Treatment, Pipes.





OCEA Shipbuilding (UK) Ltd/ Wight Shipyard Co Ltd

1 Britannia Chambers South, Town Quay, Southampton SO14 2AQ

Tel: +44 7966 495845 Contact: Ken Houlberg, CEO Email: khoulberg@ocea-uk.com Web: www.ocea.fr www.wightshipyard.com

Summary: As the UK subsidiary of the multinational group, OCEA, OCEA(UK) specialises in the design, manufacture and support of aluminium fast ferry, offshore renewables and urban mobility vessels for both the UK and international export markets.

Capabilities: Ship/Vessel Design.



Ocean Business

The Brinell Building, 30 Station Street, Brighton, East Sussex, BN1 4RB Contact: Cheri Arvonio, Portfolio Director

Tel: +44 1453 836363 Email: info@oceanbusiness.com Web: www.oceanbusiness.com

Summary: The hands-on ocean science and technology exhibition of 350+ companies, incorporating

of 350+ companies, incorporating in-classroom and on-water training and demonstration sessions.

Capabilities: Marine Science – Equipment, Sensors, Systems, Business Services – PR, Marketing, Underwater Sensors, Temperature and Pressure Calibrators, Smart Environmental Monitoring, Publishers, Event Organisers, Event Logistics, Communication Systems, Integrated, Satcoms, Autonomous – Vessels, Design, Equipment, Charts, Digital, Electronic and Paper, Display and Information Systems – ECDIS, Screens and Consoles.

T: +44 20 7628 2555



Oceanic Engineering Consultants

C1, Incuhive, Hursley Park Road, Hursley, Winchester, Hampshire, SO21 2JN

Contact: Thisara Kodagoda, Managing Director Tel: +44 7540 126012 Email: info@oceanic-eng.co.uk

Web: www.oec-eng.co.uk Summary: Oceanic Engineering

Consultants provide electrical, control and instrumentation, and mechanical engineering consultancy services in marine, offshore, renewable energy, oil and gas, defence and industrial sectors.

Capabilities: Engineering Services, Electric Generation Distribution Systems, Autonomous – Vessels, Design and Equipment, Battery Technology, Electric Power Management Systems, Consulting Services, Cyber Risk Management, Electrical Control Systems and Equipment, Integrated Ship Automation Systems, Propulsion - Auxiliary Wind Propulsion, Systems Equipment and Propulsion – Electric, Motors and Machinery.



Oceanology International

28 The Quadrant, London, TW9 1DN

Tel: +44 20 8439 5126 Contact: Michael Enser, Marketing Manager Email: michael.enser@rxglobal.com Web: www.oceanologyinternational.com

Summary: Oceanology International presents two global trade shows, Oceanology International and Oceanology International Americas. These global events are targeted at all those involved in exploring, protecting and sustainably operating in the world's oceans and waterways. Both events deliver access to comprehensive, innovative solutions, content and expertise. The exhibit floors show the full spectrum of ocean technology developments from connectors to AUV's.

Capabilities: Above Water Sensors, Battery Technology, Electric Power Management Systems, Cables, Systems and Equipment, Navigation and Positioning Systems and Equipment, Marine Science - Equipment, Sensors, Systems, Integrated Ship Automation Systems, Engineering Services, Deck Equipment and Machinery, Cargo Handling Equipment, Business Services - Finance, Tax, Audit, Legal, Insurance, Autonomous – Vessels, Design, Equipment, Ballast Water Treatment, Business Services – PR, Marketing, Communication Systems, Integrated, Satcoms, Minecountermeasure Systems, Ocean Data Solutions, Oil in Water Monitoring Systems, Port Management Information Systems, Propulsion - Waterjet, Propellers, Systems, Equipment, Ship/Vessel Design, Smart Environmental Monitoring, Vessel Owner/Operator, Underwater Sensors, Publishers, Event Organisers, Event Logistics, Propulsion - Electric, Motors.





OceanWise Ltd

Dovedale House, 16 Butts Road, Alton, Hampshire, GU34 1NB

Contact: Katie Eades Tel: +44 7917 416378 Email: katie.eades@oceanwise.eu Web: www.oceanwise.eu

Summary: OceanWise provides applications, services and tools that enable safer and smarter management of marine operations We specialise in marine environmental monitoring; are the leading provider of marine mapping data worldwide; and are the experts in marine data management.

Capabilities: Above Water Sensors, Alarm and Monitoring Systems, Charts, Digital, Electronic and Paper, Electronic Instruments and Equipment, Engineering Services, Marine Science – Equipment, Sensors, Systems, Ocean Data Solutions, Port Management Information Systems, Smart Environmental Monitoring, Training and Simulation.



AUTOMATION

P&S Automation Ltd

Unit 22C&D, West Station Industrial Estate, Maldon, Essex, CM9 8PN

Contact: Paul Edwards, Managing Director Tel: +44 1245 322777 Email: paul.edwards@ pandsautomation.com Web: www.pandsautomation.com

Summary: We can provide a one stop shop for marine control and automation systems, calibration, service, repair, design, supply, installation, commissioning and upgrades.

Capabilities: Alarm and Monitoring Systems, Power Management Systems, Propulsion Control Systems, Tank Level Systems, Gas Detection Systems, Temperature and Pressure Control Systems, HP Air Equipment Overhaul, HVAC Control, Chiller Control, OWM and ODME, Pneumatic Control Service, Calibration and Repair of our Third-Party Equipment. Flow Meter Calibration, Valve Repair and Overhaul.



PG Products Ltd

1 Folgatye Road, Lyngate Industrial Estate, North Walsham, Norfolk, NR28 OAJ

Contact: Dennis Simpson, Chief Executive Tel: +44 1692 500390

Email: info@pgproducts.com Web: www.pgproducts.com

Summary: We are a manufacturer of MED and SOLAS certified fire safety and chemical safety clothing. Opertating for 30 years in marine industry

Capabilities: Fire and Cas Protection Systems and Equipment and Lifesaving, Emergency, Safety Equipment and Systems.



Pilgrim International Ltd

The Etherow Suite, Earl Business Centre, Oldham, Greater Manchester, OL8 2PF

Contact: Dominic D'Adamo, Regional Sales Manager Tel: +44 161 785 7700

Email: sales@pilgrim-international.co.uk Web: www.pilgrim-international.co.uk

Summary: Pilgrim International Limited is the leading global supplier of controlled bolting and positioning systems, tensioning systems and drive-up systems with over 60 years experience.

Capabilities: Hydraulics, Systems and Equipment, Propulsion – Waterjet, Propellers, Systems, Equipment, Submarines – Build, Systems, Equipment, Design, Engineering Services, Steering Systems and Equipment.





Planet Ocean Ltd

Unit 16, Camberley Business Centre, Bracebridge, Camberley, Surrey, GU15 3DP Contact: Terry Sloane, Managing Director Tel: +44 845 1081457

Email: sales@planet-ocean.co.uk Web: www.planet-ocean.co.uk

Summary: Specialist in the provision of gold standard, marine scientific instruments for research, survey and operations support.

Capabilities: Above Water Sensors, Autonomous – Vessels, Design, Equipment, Communication Systems, Integrated, Satcoms, Electronic Instruments and Equipment, Ocean Data Solutions, Marine Science – Equipment, Sensors, Systems, Oil in Water Monitoring Systems, Remote Inspection and Surveys, Underwater Sensors.

PML

Applications Ltd

PML Applications Ltd

Monomark House, 27 Old Gloucester Street, London, WC1N 3AX

Contact: Icarus Allen, Chief Executive Tel: +44 1752 633412 Email: jia@pml.ac.uk Web: www.pml-applications.co.uk

Summary: A marine science consultancy and service provider, focusing primarily on coastal technologies testing, biofouling, marine environmental services and geospatial applications.

Capabilities: Marine Biofouling and Corrosion: Antifouling Performance Testing, Technology Screening for Biofouling, Biofilm Formation Studies, Biosecurity, In-Water Hull Cleaning. Environmental Solutions: a broad spectrum of Environmental Consultancy, Monitoring and Training, Expert Consultancy in Marine Science, Ballast Water and Socio Economics, Surveys, Testing and Sampling. Coastal Technologies: Deployment and Recovery of Equipment within the Plymouth area, Sensor Testing and Validation, Marine Autonomy eg Deployment and Testing of Autonomous Vessels (under and on the sea), Testing and Validation of Sensors on Autonomous Platforms, Offshore Communications and Data Collection (from Test Vessels) Processing and Visualisation. Geospatial Applications: Earth Observation, Geographic Information Systems (GIS), and Data Visualisation Activities, Providing Local, to Regional and Global Earth Observation Data and Analysis in Relation to Shipping, Oil Spill Detection, Coastal Power Plants and Food Security through Fisheries and Aquaculture.



Palaris Passion for PR

Polaris Public Relations

The Glasshouse, Alderley Park, Congleton Road, Nether Alderley, SK10 4ZE

Contact: Ben Pinnington, Managing Director Tel: +44 151 550 4710 Email: news@polarismedia.co.uk Web: www.polarismedia.co.uk

Summary: Public and media relations, social media, crisis, copy writing, film, websites, design, production of marketing materials.

Capabilities: Business Services – PR and Marketing.

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Port of Tyne

Maritime House, Tyne Dock, South Shields, Tyne & Wear, NE34 9PT

Contact: Jagoda Waszkowiak, Marketing Coordinator Tel: +44 7754 559646 Email: marketing@portoftyne.co.uk Web: www.portoftyne.co.uk

Summary: The Port of Tyne comprises the commercial docks on and around the River Tyne in Tyne and Wear in the northeast of England.

Capabilities: Port Operations, Harbour Authorities, Port and Marine Infrastructure Masterplanning.

Portia

Portia Management Services Ltd

Maritime Centre, Port of Liverpool, Merseyside, L21 1LA

Tel: +44 151 949 6262 Email: admin@portiamanagement.com

Web: www.portiamanagement.com

Summary: Portia was established in 1978 and has successfully delivered over 350 assignments in ports and terminal management and operations, training and consulting around the world. Portia delivers independent expertise, combining handson support and practical experience.

Capabilities: Consulting Services, Engineering Services, Port Operations, Harbour Authorities, Port, Marine Infrastructure Masterplanning, Training and Simulation.



Primary Networks

Monomark House, 27 Old Gloucester Street, London, WCIN 3AX

Contact: Chris Brown, Commercial Director Tel: +44 7770 325072 Email: cb@pnpuk.co.uk Web: www.primarynetworks.co.uk

Summary: A UK company specialising in the naval sector who design and manufacture custom computers for comms to meet the recognised defence standards for naval ships and submarines.

Capabilities: Cyber Risk Management, Display and Information Systems – ECDIS, Screens, Consoles, Submarines – Build, Systems, Equipment, Design, Communication Systems, Integrated, Satcoms and Consulting Services.



Protea Ltd

10 Prosperity Court, Midpoint 18, Middlewich, Cheshire, CW10 0GD

Contact: Karen Canham, Commercial Director Tel: +44 1270 887200 Email: sales@protea.ltd.uk Web: www.protea.ltd.uk

Summary: Specialists in design, manufacture and supply of integrated continuous emissions monitoring and process analyser systems for all types of industrial applications. Protea utilises its own unique advanced technologies to meet customer requirements.

Capabilities: Above Water Sensors, Electronic Instruments and Equipment, Oil in Water Monitoring Systems, Smart Environmental Monitoring, Engine Emissions Monitoring and Exhaust Aftertreatment.



PSM Instrumentation Ltd

Unit 3, Burrell Road, Haywards Heath, West Sussex, RH16 1TW

Contact: Mark Jones, Sales Director Tel: +44 1444 410040 Email: sales@psmmarine.com Web: www.psmmarine.com

Summary: Marine approved tank gauging solutions for vessels of all types. Intelligent and programmable tank and draught level transmitters and alarm switches, with display options from local gauges to centralised and distributed customised screen presentation.

Capabilities: Alarm and Monitoring Systems, Electronic Instruments and Equipment, Tank Level measuring and Alarms, Cargo and Ballast Alarm Monitoring and Control Systems.

QINETIQ

QinetiQ

Cody Technology Park, Ively Road, Farnborough, Hampshire, GU14 OLX Tel: +44 1252 392000 Email: maritime@QinetiQ.com Web: www.qinetiq.com

Summary: QinetiQ is a global integrated defence and security company focused on mission-led innovation for defence, security and civil customers around the world. We are 6,000 people creating new ways of protecting what matters most.

Capabilities: Battery Technology, Electric Power Management Systems, Cyber Risk Management, Ship/ Vessel Design, Smart Environmental Monitoring, Submarines – Build, Systems, Equipment, Design, Training and Simulation, Weapon Handling Systems, Weapon Systems, Ship Model Testing, Aircraft Ground Servicing Equipment, Communication Systems, Integrated, Satcoms, Consulting services, Electronic Warfare, Integrated Ship Automation Systems, Noise and Vibration Control, Propulsion – Electric, Motors and Machinery.

<u>QMI</u>

Quality Monitoring Instruments Ltd 4 East Barnet Road, London, EN4 8RW

Contact: Josh Smith, Managing Director Tel: +44 20 7328 3121 Email: josh@oilmist.com Web: www.oilmist.com

Summary: Quality Monitoring Instruments Ltd oil mist detection systems have protected engines and machinery spaces since 1984. Designed and manufactured to ISO standards in the UK, its equipment is respected globally for reliability and robust design.

Capabilities: Alarm and Monitoring Systems, Conditioning Monitoring.



Raytheon Technologies

Raytheon Technologies

The National Maritime Systems Centre, Portsdown Technology Park, Hampshire, PO16 3RU

Contact: Rob Crabbe, Requiremements Manager Tel: +44 7789 618633

Email: rob.crabbe@raytheon.com Web: www.raytheon-anschuetz.com

Summary: Raytheon Technologies provide high-quality integrated navigation and bridge systems for naval ships, including the RN's T45, T26 and T31 classes.

Capabilities: Above Water Sensors, Anti-Collision Systems and Equipment, Communication Systems, Integrated, Satcoms, Compasses, Cyros, Bridge Instrumentation, Display and Information Systems – ECDIS, Screens, Consoles, Electronic Instruments and Equipment, Integrated Bridge Systems, Navigation and Positioning Systems and Equipment, Steering Systems and Equipment, Training and Simulation.



RINA Consulting Services

1 Springfield Drive, Leatherhead, KT22 7AJ Contact: Mike Pickering,

Head of Business Development Tel: +44 1372 367350 Email: ukinfo@rina.org Web: www.rina.org

Summary: RINA provides a comprehensive range of services to enable new capabilities, optimise existing capabilities and operations, ensure compliance and stimulate R&D, achieving cost effectiveness and sustainability goals without compromising operational outcomes.

Capabilities: Consulting Services, Cyber Risk Management, Engineering Services, Training and Simulation.

RIVERTRACE

Rivertrace Ltd

Unit P, Kingsfield Business Centre, Philanthropic Road, Redhill, RH1 4DP

Tel: +44 1737 775500 **Email:** sales@rivertrace.com **Web:** www.rivertrace.com

Summary: Rivertrace have been designing and manufacturing oil in water monitoring systems for 40 years. Rivertrace specialise in providing solutions for compliance for a multitude of environmental regulations across marine, offshore and industrial applications.

Capabilities: Oil in Water Monitoring, Scrubber Wash Water Monitoring, Water in Oil Monitoring, Wastewater Monitoring, Fuel Condition Monitoring, Online Data Capture.

RoboSys

Robosys Automation Ltd

National Oceanography Centre, European Way, Southampton, Hampshire, SO14 3ZH Contact: Nikhil Kumar, Sales and

Operations Support Manager Tel: +44 7500 277655 Email: nikhil.kumar@

robosysautomation.com Web: www.robosysautomation.com

Summary: A leading developer of autonomous marine systems including advanced autonomous navigation (with collision avoidance, dynamic route optimisation and advanced perception systems), remote and autonomous platform and payload control, for government and commercial vessels and workboats.

Capabilities: Autonomous – Vessels, Design, Equipment, Anti-Collision Systems and Equipment, Integrated Bridge Systems, Integrated Ship Automation Systems.



Rolls-Royce PLC

PO Box 3, Filton, Bristol, BS34 7QE Contact: Karen Doble,

Marketing Communications Officer Tel: +44 1332 242424 Email: defenseservicedesk@rolls-royce.com

Web: www.rolls-royce.com

Summary: Pioneering cutting-edge technologies that deliver the cleanest, safest and most competitive solutions for our planet's vital power needs. Serving 160 armed forces worldwide, we provide mission-critical power and support solutions for naval and submarine fleets.

Capabilities: Gas Turbines, Gas Turbine Generators, Propulsion Systems, Diesel Engines, Mission Bay Handling Systems, Towed Array Systems, Digital Services, Power and Propulsion Systems Design, Sustainable Solutions and Support Services.

🔰 Roxtec

Roxtec Ltd

Unit C1, Waterfold Business Park, Bury, Lancashire, BL9 7BQ Contact: Richard Keith, Divisional Manager (Marine & Offshore) Tel: +44 7495 435559 Email: richard.keith@roxtec.com Web: www.roxtec.com

Summary: Roxtec cable and pipe sealing solutions, certified by Lloyd's Register, DNV, Bureau Veritas, ABS and others, reduce the risks of water ingress, fire, blast and other operational hazards.

Capabilities: Cables, Systems and Equipment, Fire and Gas Protection Systems and Equipment, Seals, Lifesaving, Emergency, Safety Equipment and Systems, Remote Inspection and Surveys, Training and Simulation, Submarines – Build, Systems, Equipment, Design, Noise and Vibration Control, Electrical Control Systems and Equipment, Electronic Instruments and Equipment.

RS Aqua

21/22 The Slipway, Port Solent, PO6 4TR

Contact: Martin Stemp Managing Director Tel: +44 2394 004540 Email: info@rsaqua.co.uk Web: www.rsaqua.co.uk

Summary: RS Aqua is an ocean technology provider of powerful and innovative sensors, systems, and platforms that enable ground-breaking science and discovery. Operating in the UK and globally for more than 40 years, we are dedicated to supporting ocean scientists, engineers and the maritime industries.

Capabilities: Autonomous – Vessels, Design, Equipment, Smart Environmental Monitoring, Underwater Sensors, Marine Science – Equipment, Sensors and Systems.



SeaBot Maritime Ltd

National Oceanography Centre, Southampton, SO14 3ZH

Contact: Gordon Meadow, CEO Tel: +44 7831 411794 Email: info@seabotmaritime.com Web: www.seabotmaritime.com

Summary: SeaBot Maritime provides people-technology integration solutions, with a particular focus on maritime sector skills, training and digital transformation. This enables smarter, cleaner and safer operations, such as SeaBot Maritime's MASS Certified Professional Training Scheme.

Capabilities: Training and Simulation.



seebyte

SeeByte

Orchard Brae House, 30 Queensferry Road, Edinburgh, EH4 2HS

Contact: Alastair Cormack, Commercial Manager Tel: +44 131 447 4200 Email: sales@seebyte.com Web: www.seebyte.com

Summary: SeeByte provides clients in the global maritime industry with the most advanced software solutions to enhance the capabilities of their uncrewed systems. Compatible with any systems, our technology supports routine operations right through to the most challenging and dangerous of missions.

Capabilities: Autonomous – Vessels, Design and Equipment.

SEA 🔊

A COHORT PLC COMPANY

System Engineering & Assessment (SEA) Ltd

Beckington Castle, 17 Castle Corner, Beckington, Frome, Somerset, BA11 6TA Building 450, Business Park, Coldharbour Lane, Bristol BS16 1EJ

Pottington Business Park, Riverside Road, Barnstaple, Devon EX31 1LY

Tel: +44 1373 852000 Email: info@sea.co.uk Web: www.sea.co.uk

Summary: SEA develops and delivers advanced defence solutions, making our world safer, cleaner and more efficient. Together, through teamwork, collaboration and innovation, it delivers operational advantage to our customers while building a sustainable future for all.

Capabilities: Autonomous – Vessels, Design, Equipment, Conditioning Monitoring, Navigation and Positioning Systems and Equipment, Submarines – Build, Systems, Equipment, Design, Training and Simulation, Weapon Systems, Underwater Sensors, Remote Inspection and Surveys, Marine Science – Equipment, Sensors, Systems, Electronic Warfare, Communication Systems, Integrated, Satcoms and Weapon Handling Systems.

T: +44 20 7628 2555



SEA-KIT International

Blackwater House, Woodrolfe Road, Tollesbury, Essex, CM9 8SE

Contact: James Hopper, Business Development Manager Tel: +44 1206 625180 Email: info@sea-kit.com Web: www.sea-kit.com

Summary: SEA-KIT International designs and builds hi-tech, uncrewed surface vessels (USVs) for a range of applications, including maritime logistics, environmental management, security and surveillance, offshore asset monitoring, marine inspection and efficient survey of the ocean floor.

Capabilities: Autonomous – Vessels, Design and Equipment.



Seetru Ltd

Albion Dockside Works, Bristol BSI 6UT Contact: Larita Prescott/Edward Flint, Sales Managers Tel: +44 117 930 6100 Email: sales@seetru.com Web: www.seetru.com

Summary: Seetru is a manufacturer of safety relief and other special purpose ancillary valves for a wide range of applications. It also manufactures liquid level gauges, primarily of two types: sight gauges and magnetic float by-pass gauges.

Capabilities: Engineering Services, High Pressure Valves, Repairs, Tank Level Measuring and Alarms.



Servowatch

Endeavour House, Holloway Road, Heybridge, Maldon, Essex, CM9 4ER Contact: Sales Team Tel: +44 1621 855562

Email: sales@servowatch.com Web: www.servowatch.com

Summary: Manufacturers of marine certified ship alarm, monitoring and control systems. Manufacturers and integrators of advanced multifunction ship command systems, Servowatch was acquired by Rolls-Royce Power Systems in December 2020.

Capabilities: Integrated Platform Management System, Alarm and Monitoring Systems and Project Management.



Solar Solve Marine

7 Waldridge Way, Simonside East Industrial Park, South Shields, NE34 9PZ

Contact: Paul Hopkins, Sales & Marketing Executive Tel: +44 191 454 8595 Email: info@solasolv.com Web: www.solasolv.com

Summary: SOLASOLV anti-glare roller screens and ROLASOLV fabric roller and blackout blinds.

Capabilities: Accommodation Systems and Equipment, Windows, Blinds, Frame, and Wiper Systems.



Somers Forge Ltd

Somers Forge, Prospect Road, Halesowen, West Midlands, B62 8DZ

Contact: Sales Team Tel: +44 121 585 5959 Email: sales@somersforge.com Web: www.somersforge.com

Summary: Somers Forge Ltd manufacture open die forgings in all types of materials, from 1 kgs-80 tonnes. Specialising in forgings for naval and commercial vessels with lengths of up to 23 m.

Capabilities: Weapon Handling Systems, Bearings, Steering Systems and Equipment, Propulsion – Waterjet, Propellers, Systems and Equipment.

Sonardyne

Sonardyne

Ocean House, Blackbushe Business Park, Yateley, Hampshire, GU46 6GD

Tel: +44 1252 872288 Email: sales@sonardyne.com Web: www.sonardyne.com

Sonardyne

Unit 12-14, The Technology Centre, Claymore Drive, Aberdeen, AB23 8GD

Tel: +44 1252 872288 Email: sales@sonardyne.com Web: www.sonardyne.com

Summary: We are here to make underwater work for you; to navigate, position, communicate, image and measure; to operate in any water depth, for any duration and from any operational platform – crewed or robotic; safely, and responsibly.

Capabilities: Navigation and positioning Systems and Equipment, Underwater Sensors, Autonomous – Vessels, Design, Equipment, Conditioning Monitoring, Remote inspection and Surveys, Minecountermeasure Systems, Ocean Data Solutions, Smart Environmental Monitoring, Engineering and Consulting Services.



STONE PROPULSION

Stone Marine Propulsion

Dock Road, Birkenhead, Merseyside, CH41 1DT

Contact: Jonathan Shaw, Managing Director Tel: +44 151 652 2372 Email: sales@smpropulsion.com Web: www.stonemarinepropulsion.com

Summary: Stone Marine Propulsion is one of the world's leading designers and manufacturers of ship propellers. We provide our customers with the latest and most modern propulsion, FPP or CPP whatever the vessels size and use.

Capabilities: Propulsion – Waterjet, Propellers, Systems, Equipment.



Subsea Craft Ltd The Camber, East Street, Portsmouth, Hampshire POI 2JJ

Contact: Hannah Taylor, Bid Writer Tel: +44 7795 900003 Email: enquiries@subseacraft.com Web: www.subseacraft.com

Summary: Subsea Craft is a UK-based technology SME with a mission to deliver the competitive edge in maritime technology. We are not a requirementsbased company, rather a productfocused enterprise delivering what the market needs.

Capabilities: Ship/Vessel Design, Fuels, Systems, Equipment and Power Optimisation, Hydraulics, Systems and Equipment, Autonomous – Vessels, Design, Equipment, Communication Systems, Integrated, Satcoms, Noise and Vibration Control.



Survitec

4th Floor, 12 Finsbury Square, London, EC2A 1AS Tel: +44 1977 516163 Email: info@survitecgroup.com Web: www.survitec.com

Survitec Viscom

430 Clifton Road, Aberdeen, AB24 4EJ Tel: 01224 663500

Email: survitec.viscom@survitecgroup.com

Summary: We exist to protect lives. We are pioneers of survival technology. Our wearable survival equipment, fire solutions and survival craft technology keep people safe when their life depends on it.

Capabilities: Fire-Fighting Systems, Autonomous – Vessels, Design, Equipment, Deck Equipment and Machinery, Lifesaving, Emergency, Safety Equipment and Systems, Inert Gas Systems and Plants, Fire and Gas Protection Systems and Equipment.



Svs-Scada Ltd

Unit 4, Kiln Park, Allerton Bywater, West Yorkshire, WF10 2FX

Contact: Mark Sinclair, Marketing Coordinator Tel: +44 1977 516163

Email: mark.sinclair@sys-scada.com Web: www.sys-scada.com

Summary: Specialist engineering consultants in design, system integration, control and automation. Real-time Lloyd's design assured alarm management system with monitoring capabilities for workboats, commercial and naval vessels, retrofit or new build.

Capabilities: Alarm and Monitoring Systems, Autonomous – Vessels, Design, Equipment, Conditioning Monitoring, Engineering Services, Integrated Ship Automation Systems, Fuels, Systems, Equipment and Power Optimisation, Consulting Services, Electrical Control Systems and Equipment, Port Management Information Systems.



Teignbridge Propellers Int Ltd Forde Road, Newton Abbot, Devon, TQ12 4AW

Contact: Mark Phare, Managing Director Tel: 01626 333377

Email: sales@teignbridge.co.uk Web: www.teignbridge.co.uk

Summary: World leading designer and manufacturer of high performance propellers, shaftlines and rudders for motor yachts, superyachts, commercial and military vessels.

Capabilities: Propulsion – Waterjet, Propellers, Systems, Equipment, Autonomous – Vessels, Design, Equipment, Seals, Propulsion – Electric, Motors and Machinery, Steering Systems and Equipment.



Templar Executives Cyber Security Resilience For Business

Templar Executives

83 Victoria Street, London, SW1H 0HW Contact: Anu Khurmi, Managing Director – Global Services

Tel: +44 20 3542 9075 Email: enquiries@templarexecs.com Web: www.templarexecs.com/mcert

Summary: Providing cyber security consultancy, products and services, including the maritime cyber emergency response team (MCERT), cyber risk assessments and education and training courses, enabling proactive operational resilience for organisations and vessels. Capabilities: Consulting Services, Cyber Risk Management.

THALES Building a future we can all trust

Thales

350 Longwater Avenue, Green Park, Reading, RG2 6GF

Email: greenpark.reception@ uk.thalesgroup.com

Web: www.thalesgroup.com/uk

Summary: Thales equips over 50 navies with world-class technologies, empowering them to protect national interests whilst keeping their people safe, above and below the waves. Our solutions make a difference on nearly every platform in service.

Capabilities: Above Water Sensors, Autonomous – Vessels, Design, Equipment, Communication Systems, Integrated, Satcoms, Electronic Warfare, Engineering Services, Integrated Ship Automation Systems, Integrated Bridge Systems, Minecountermeasure Systems, Weapon Handling Systems, Weapon Systems, Training and Simulation, Underwater Sensors, Submarines – Build, Systems, Equipment and Design.



Tony Team Ltd

Unit 6, Station Road, Bakewell Derbyshire, DE45 1GE

Contact: Victoria Head, Managing Director Tel: +44 1629 813859 Email: sales@tonyteam.co.uk Web: www.tonyteam.co.uk

Summary: Manufacturer of marine waste management equipment-waste compactors, card balers, glasscrushers and food waste solutions.

Capabilities: Incinerator, Solid Waste Systems, Galley Systems and Equipment.



T: +44 20 7628 2555





Tor Group International

9 Hadley Road, Enfield, Middlesex, EN2 8JT Tel: +44 1482 529286 Email: info@tor-group.net Web: www.tor-group.net

Summary: Tor Group is a trusted shipbuilder applying deep engineering knowledge and innovation to provide high quality, sustainable vessels. Tor Group has also diversified into vessel ownership and the provision of flexible maritime finance solutions.

Capabilities: Vessel Owner/Operator, Shipyards, Newbuilding, Repair and Conversion.



Twiflex Ltd Ampthill Road, Bedford, Bedfordshire, MK42 9RD

Contact: Andy Smith Tel: +44 7702 319785 Email: andy.smith@twiflex.co.uk Web: www.wichita.co.uk

Summary: Design and manufacture of bespoke clutch, brake and couplings for a wide variety of applications including PTO, propeller shaft braking, winch, crane, and various propulsion configurations. Proven supply solutions for numerous naval and commercial vessels.

Capabilities: Fire-Fighting Systems, Propulsion – Waterjet, Propellers, Systems, Equipment, Deck Equipment and Machinery, Propulsion – Auxiliary Wind Propulsion, Systems Equipment, Propulsion – Electric, Motors and Machinery.



UK Hydrographic Office Admiralty Way, Taunton,

Somerset, TAI 2DN

Email: customerservices@ukho.gov.uk Web: www.admiralty.co.uk

Summary: The UK Hydrographic Office (UKHO) is a world-leading centre for hydrography, specialising in marine geospatial data that helps to unlock a deeper understanding of the world's oceans. Our ADMIRALTY Maritime Data Solutions support safe, secure and thriving oceans.

Capabilities: Charts (Digital, Electronic and Paper) and Safety, Navigation and Marine Development.



University College London

The Marine Research Group, The Department of Mechanical Engineering, London, WC1E 7JE

Contact: Richard Bucknall, Professor of Marine Systems Tel: +44 7679 3777 Email: ucemrwb@ucl.ac.uk Web: www.ucl.ac.uk/mechanicalengineering/research/marine

Summary: Marine reseach and education.

Capabilities: University, College and Research Institution, Ballast Water Treatment, Autonomous – Vessels, Design, Equipment, Battery Technology, Electric Power Management Systems, Consulting Services, Marine Science – Equipment, Sensors, Systems, Propulsion – Auxiliary Wind Propulsion, Systems Equipment, Propulsion – Electric, Motors and Machinery and Ship/Vessel Design.



Centre for Future Clean Mobility

University of Exeter

Centre for Future Clean Mobility University of Exeter Engineering Research Centre, Science Park, Anning Drive, Exeter Devon, EX5 2GD

Contact: Professor Chris Smith, Director Tel: +44 7443 229318

Email: c.w.smith@exeter.ac.uk Web: https://futurecleanmobility.com

Summary: The Centre for Future Clean Mobility partners with businesses to develop low-emissions, high-efficiency integrated power systems for applications in the marine, off-highway, rail, defence, and energy sectors.

Capabilities: University, College, Research Institution, Propulsion - Electric, Motors and Machinery, Battery Technology, Electric Power Management Systems, Propulsion - Water jet, Propellers, Systems, Equipment, Autonomous - Vessels, Design, Equipment, Power Management Systems, Training and Simulation, Fuels, Systems, Equipment and Power Optimisation, Diesel, Dual Fuel Engines, Electrical Control Systems and Equipment.



University of Plymouth

Drake Circus, Plymouth, Devon, PL4 8AA Contact: Kevin Forshaw, Director of Industrial and Strategic Partnerships Tel: +44 7814 288507 Email: kevin.forshaw@plymouth.ac.uk Web: www.plymouth.ac.uk

Summary: The University of Plymouth is globally leading in marine science towards UN SDG 14 (Life Below Water), and leads on development and use of new technology for smart, advanced ocean observation to enable its research effort. It has a growing marine autonomous fleet via its partnership with the UK Royal Navy, and is currently upgrading its navigation suite with a state-of-the-art Kongsberg DP simulator. This combined with its global lead in maritime cyber security, and marine offshore renewable research, positions the University of Plymouth for leading insight that will enable a future of safe, secure and sustainable maritime operations within the growing ocean economy.

Capabilities: University, College and Research Institution, Cyber Risk Management, Smart Environmental Monitoring, Underwater Sensors, Marine Science – Equipment, Sensors, Systems and Ocean Data Solutions.

University of Southampton

Southampton Marine & Maritime Institute, University of Southampton Southampton Boldrewood Innovation Campus, University of Southampton, Southampton, Hampshire, SO16 7QF

Contact: Carin Reisinger, SMMI Coordinator Tel: +44 2380 592316 Email: smmi@soton.ac.uk Web: www.southampton.ac.uk

Summary: The Southampton Marine & Maritime Institute harnesses the multidisciplinary skills of the University of Southampton and our partners to deliver safe and sustainable solutions to meet the increasing demands placed on our oceans. Academics work together with industry, government and society to create knowledge and solutions.

Capabilities: University, College and Research Institution, Autonomous - Vessels, Design, Equipment, Battery Technology, Cables, Systems and Equipment, Consulting Services, Electrical Control Systems, Engine Emissions, Engineering Services, Fuels, Systems, Integrated Ship Automation Systems, Marine Science, Noise and Vibration Control, Ocean Data Solutions, Port, Marine Infrastructure Masterplanning, Propulsion - Auxiliary Wind Propulsion, Propulsion - Electric, Motors and Machinery, Propulsion - Waterjet, Propellers, Ship Model Testing, Ship/Vessel Design, Shipping Business Intelligence, Smart Environmental Monitoring, Stabilisers, Towing Tank and Underwater Sensors.





University of Strathclyde

Henry Dyer Building, 100 Montrose Street, Glasgow, G4 0LZ

Contact: Evangelos Boulougouris, Professor Tel: +44 141 548 4094 Email: evangelos.boulougouris@strath.ac.uk Web: www.strath.ac.uk

Summary: UoS conducts world-leading research, covering a broad-spectrum of topics from ship safety design to oceanography, supported by state-ofthe-art research and testing facilities towing/wave tank, hosts research centres including MarRI-UK, collaborates with a wide-range of external partners.

Capabilities: University, College and Research Institution, Ballast Water Treatment, Ballast Alarm Monitoring, Control Systems, Conditioning Monitoring, Cyber Risk Management, Diesel, Dual Fuel Engines, Electrical Control Systems and Equipment, Engine Emissions Monitoring, Exhaust Aftertreatment, Engineering Services, Fuels, Systems and Power Optimisation, Fire-Fighting Systems, HVAC, Inert Gas Systems and Plants, Integrated Ship Automation, Lifesaving, Emergency, Safety Equipment and Systems, Marine Science - Sensors, Navigation; Noise and Vibration Control, Ocean Data Solutions, Painting and Coatings, Oil in Water Monitoring Systems, Port Management Information Systems, Port Operations, Harbour Authorities, Port, Marine Infrastructure Masterplanning, Power Management Systems, Propulsion -Auxiliary Wind Propulsion, Electric, Motors and Machinery, Waterjet, Propellers, Remote Inspection and Surveys, Scrubber Washwater Treatment, Ship Model Testing, Ship/Vessel Design, Shipping Business Intelligence, Analysis, Smart Environmental Monitoring, Steering Systems and Equipment, Autonomous -Vessels, Design, Anti-Fouling, Anti-Corrison Systems, Anti-Collision Systems.



Valeport Ltd

St. Peters Quay, Totnes, Devon, TQ9 5EW Contact: Kevin Edwards, Head of Sales

Tel: +44 1803 869292 Email: sales@valeport.co.uk Web: www.valeport.co.uk

Summary: Established in 1969, Valeport has more than 50 years' experience designing and manufacturing instrumentation for the oceanographic, hydrographic and hydrometric communities. We provide leading-edge marine sensing and monitoring solutions to a worldwide customer base.

Capabilities: Marine Science – Equipment, Sensors and Systems, Underwater Sensors, Ocean Data Solutions.



Valmet Ltd

3 Elmwood, Chineham Business Park, Basingstoke, RG24 8WG Contact: Chris Heywood, Country Manager (UK & Ireland) Tel: +44 1256 376200

Email: uk_automation@valmet.com Web: www.valmet.com

Summary: Our Valmet DNA system is modular, flexible, scalable for a wide range of ship types and application tasks. Valmet sets a new standard in ship automation by offering condition-based vibration monitoring and energy management systems fully integrated into the automation system. Valmet is also the first company to introduce a dual water hybrid scrubber to the marine market. The hybrid scrubber is a combination of an open and closed loop scrubber where airborne emissions can be kept within regulatory limits in a cost-efficient way.

Capabilities: Alarm and Monitoring Systems, Power Management Systems, Scrubber Washwater Treatment, Smart Environmental Monitoring, Electrical Control Systems and Equipment, Integrated Ship Automation Systems, Conditioning Monitoring, Cargo, Ballast Alarm Monitoring, Control Systems, Engine Emissions Monitoring and Exhaust Aftertreatment.

VARIVANE

Varivane Industries Ltd

Unit 4, Nursteed Industrial Estate, Wiltshire, SN10 3EW

Contact: Martin Brown, Managing Director Tel: +44 1380 723624 Email: info@varivane.com

Web: www.varivane.com

Summary: Varivane Industries has been supplying accommodation furniture, soft furnishings, medical equipment and ammunition stowages to Navies across the world for over 50 years. Varivane is currently supplying equipment for Type 26 and Type 31 programmes. Varivane hold the MoD enabling contract for ships furniture and soft furnishings.

Capabilities: Accommodation Systems and Equipment, Submarines - Build, Systems, Equipment, Design, Deck Equipment and Machinery, Galley Systems and Equipment, Sensors and Systems.

T: +44 20 7628 2555



Victor Marine

Unit 7, Waterloo Court Markham Vale, Markham Ln, Chesterfield S44 5HN

Contact: Liam McCann Tel: +44 1708 899 780 Email: sales@victormarine.com Web: www.victormarine.com

Summary: Supported by a global network of Agents Victor Marine specialists in the design & manufacture of Oily Water Separators, Sewage Treatment Plants, Gas Freeing Fans & Tank Washing Machines.

Capabilities: Cargo, Ballast Alarm Monitoring, Control systems, Oil in Water Monitoring Systems, Waste Water Treatment.

VOITH

Voith Turbo Ltd 6 Beddington Farm Road, Croydon, CR0 4XB

Contact: Mark Harvey, Sales Manager Tel: +44 7836 299948 Email: mark.harvey@voith.com Web: www.voith.com

Summary: Voith is a manufacturer of electric and mechanical propulsion drives. Its driveline technologies applications are suitable for main and auxiliary propulsion. It can provide a complete thruster solution tailored to meet your demand and needs.

Capabilities: Propulsion - Waterjet, Propellers, Systems, Equipment, Autonomous - Vessels, Design, Equipment, Conditioning Monitoring, Electrical Control Systems and Equipment, Remote Inspection and Surveys, Propulsion - Electric, Motors and Machinery, Steering Systems and Equipment, Ship/Vessel Design, Training and Simulation, Engineering Services.

νυικλη COUPLINGS

VULKAN Couplings

Archer Road, Armytage Road Industrial Estate, Brighouse, West Yorkshire, HD6 1XF

Contact: Adrian Birkin, Managing Director Tel: +44 1484 712273

Email: adrian.birkin@vulkan.com Web: www.vulkan.com

Summary: VULKAN Couplings is a division of the globally active VULKAN Group. For more than 130 years we have been developing, producing and marketing innovative system solutions for marine drive technology. We are the market and technology leader in the development of highly flexible couplings for marine engines, shaft systems and elastic mounts.

Capabilities: Highly Flexible Coupling, System Competence, Service, Cardan Shaft Couplings, Clutches, Joint Shaft Couplings, Propeller Shaft Couplings, Drive Line Components, Mounts, Drivetrain, Vibrations, Acoustics and Hybrid Architect.



WARSASH MARITIME SCHOOL

Warsash Maritime School

Solent University, East Park Terrace, Southampton, SO14 0YN

Contact: The Sales Team Tel: +44 2380 13074 Email: wms.shortcoursessales@solent.ac.uk Web: maritime.solent.ac.uk

Summary: Warsash Maritime School is the only maritime training centre of its kind worldwide. It offers over 150 accredited deck, engineering, interior, maritime and offshore safety training courses approved by the MCA and other awarding bodies.

Capabilities: Training and Simulation, Consulting Services, University, College and Research Institution.

Welin Lambie

Powered by DEFENSE

Welin Lambie Ltd Britannia House, Old Bush Street, Brierley Hill, West Midlands, DY5 1UB

Contact: Benjamin Dunscombe, Managing Director Email: admin@fmdefense.co.uk Web: www.fairbanksmorsedefense.com

Summary: Welin Lambie is part of Fairbanks Morse Defense and supplies

davits to commercial and defence customers across the globe. **Capabilities:** Deck Equipment and

Machinery, Boats, Boat Handling and Storage, Lifesaving, Emergency and Safety Equipment and Systems.

windship

Windship Technology Ltd

1 Silk Street, London, EC2Y 8HQ Contact: Graham Harvey, CEO Tel: +44 1590 672000

Email: info@windshiptechnology.com Web: www.windshiptechnology.com

Summary: Windship Technology is a provider of WAP and emissions reduction technology including wind rigs, modular diesel electric drive trains, solar panels and carbon capture systems which in combination can provide zero CO₂ emissions ships.

Capabilities: Propulsion – Auxiliary Wind Propulsion and Systems Equipment.

WARTSILÄ

Wärtsilä Defence Solutions 4 Marples Way, Havant, Hampshire, PO9 INX

Contact: Chris Rowlands, Managing Director Tel: +44 23 9249 2123 Email: spares@wartsiladefence.com Web: www.wartsila.com

Summary: Wärtsilä is a global leader in innovative technologies and lifecycle solutions for the marine and energy markets. Wärtsilä Defence Solutions provides propulsion shaft line products and systems to naval submarines and ships.



Watson Farley & Williams

15 Appold Street, London, EC2A 2HB Contact: Meryl Rowlands, Business Development Manager Tel: +44 203 314 6481 Email: mrowlands@wfw.com Web: www.wfw.com

Summary: WFW is an international law firm advising on complex transactions and disputes across our core sectors of energy, transport and associated infrastructure. We have the latest dedicated maritime legal practice in the world, offering full-service advice to the industry for over 40 years.

Capabilities: Business Services – Finance, Tax, Audit, Legal and Insurance.

WESCOM

GROUP

Wescom Group Wilne Mill, Draycott, Derby, DE72 3QJ

Contact: Jonathan Hirsh, Group Marine Sales Director Tel: +44 7802 798190 Email: jonathan.hirsh@wescom-group.com Web: www.wescom-group.com

Summary: Wescom Group is the world's leading manufacturer and supplier of SOLAS, MED and USCG approved pyrotechnic marine distress signals to the commercial and leisure marine sectors marketed under the globally recognised brands Pains Wessex, Comet, Oroquieta and Aurora.

Capabilities: Lifesaving, Emergency and Safety Equipment and Systems.

Whippendell Marine

Whippendell Marine Ltd

3 Bradbourne Drive, Tilbrook, Milton Keynes, Buckinghamshire, MK7 8AJ Contact: Farrell Mossop, Business Development Director Tel: +44 1923 228201 Email: sales@whippendell.co.uk Web: www.whippendell-marine.co.uk Capabilities: Electrical Control Systems

and Equipment.

xylem

Environmental Solutions

Xylem Analytics UK Ltd

Unit 7 Dunham's Court, Dunham's Lane, Letchworth, Hertfordshire, SG6 1WB

Contact: David Goldsmith Tel: +44 1462 673581 Email: sales.uk@xylemanalytics.co.uk Web: www.xylemanalytics.co.uk

Summary: Xylem Analytics is a major global manufacturer of market leading brands including YSI, SonTek, and Aanderaa. Providing oceanographic and water quality instrumentation and systems for real-time continuous monitoring in the marine environment.

Capabilities: Smart Environmental Monitoring, Underwater Sensors, Marine Science – Equipment, Sensors, Systems, Autonomous – Vessels, Design, Equipment, Ballast Water Treatment, Ocean Data Solutions, Port Operations and Harbour Authorities.



Zizo

8 Douglas House, 32-34 Simpson Road, Milton Keynes, Buckinghamshire, MK1 1BA

Contact: Matthew Napleton, Chief Commercial Officer Tel: +44 1908 366662 Email: sales@zizo.co.uk Web: www.zizo.co.uk

Summary: Zizo provide data engineering and analytics solutions, solving complex problems through consulting and technology. We focus on internet of things and Edge computing across the maritime space.

Capabilities: Ocean Data Solutions, Consulting Services and Port Management Information Systems.



Building connections and growing support

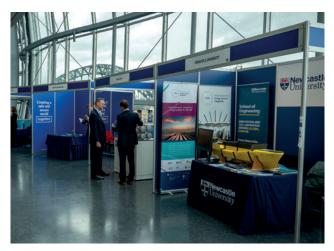
We help our members to connect with new partners, clients and suppliers, both in the UK and internationally, via a busy programme of face to face and online events



ABOVE: SMI Annual Dinner 2022: Drapers' Hall

RIGHT: SMM Hamburg 2022: Opening ceremony with Tom Chant (SMI) and Ramin Hassan (Department of International Trade)





SMI Conference 2022: Exhibition stands to support networking and profile



SMM Hamburg 2022: Networking reception in full flow at the show



SMI Conference 2022: The Sage in Gateshead provided a superb venue



SMI at Nor Shipping 2022



SMI Conference 2022: On stage panel discussion



Did you see us?

Here is a selection from 2022



Posidonia June 2022: Robert Courts, Maritime Minister and Christopher Rodrigues, Chair MCA opening ceremony for the UK Pavilion



Posidonia 2022: UK Pavilion in action





Team Resolute Supplier Engagement Day at Harland & Wolff, Belfast



SMI at Euronaval, Paris 2022



APM Singapore 2022: Only just opened up post-COVID-19 everyone still had to wear masks

WHO'S WHO AT SMI





David Sullivan MASG Council Chair



Bruce Tomlinson DTG Council Chair



Richard Powell MDSG Council Chair



Gordon Rankine PTG Council Chair



John Howie President



Kevin Robertson CMG Council Chair



Brian Johnson Chair



Tom Chant Chief Executive



Tim Currass Director of MDSG & DTG



Emma Johnson Director of MASG & MSTG



Helen Stephen Director of CMG & PTG



Ryan Mowat MSTG Council Chair



Giorgio Buttironi Policy and Research Manager



Sheldon Ryan SMI & Maritime UK Innovation Manager



Amelia Boyd Events Coordinator



Samantha Hayer Office Manager & Finance Administrator



PROUDLY MADE IN THE UK SINCE 1923



FL810

HIGH OUTPUT LED FLOODLIGHT SYSTEM

- High output up to 2000W replacement
- Superior luminaire efficacy up to 141lm / W
- Low glare, Dark Sky friendly
- CSP LED array for long life
- Integral driver box
- IP66
- Fully recyclable



NOVEDGE THROUGH RESEARCH

SOUTHAMPTON MARINE & MARITIME INSTITUTE

The Southampton Marine and Maritime Institute has an international pedigree across the spectrum of ocean science and engineering, maritime law and maritime archaeology, focused around five research themes. We also offer a diverse range of education opportunities across the marine and maritime space.



For more details about marine and maritime capabilities and opportunities at the University of Southampton, visit: www.southampton.ac.uk/smmi or email: smmi@southampton.ac.uk

THEMES







Climate & Environment

Energy & Resources Trade & Transport





Society & Government

Heritage & Culture