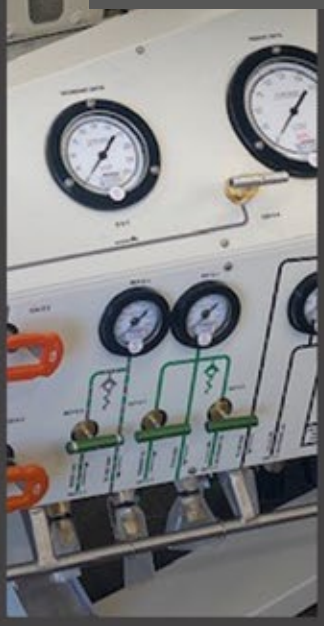
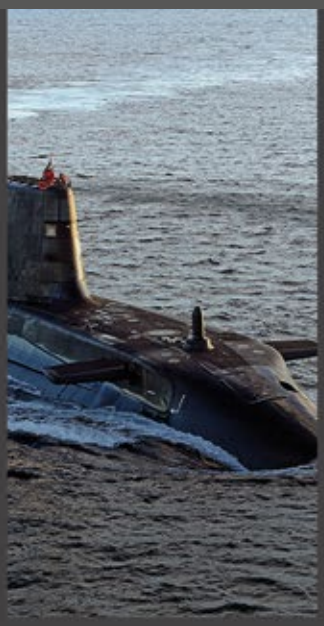






JFD
OUR CAPABILITIES



Confidence Under Pressure

JFD is the world leading underwater capability provider, serving the commercial and defence markets with innovative diving, submarine rescue and hyperbaric technical solutions and services.

Our capability streams showcase our experience, proven track record and capability within the industries we serve and prove why JFD is your trusted underwater capability provider.

Our Product Lines are:

- **Tactical Diving Vehicles**
- **Military Diving**
- **Submarine Rescue**
- **Submarine Platforms**
- **Commercial Diving**





JFD has unrivalled pedigree and customer understanding within the underwater environment built upon 40 years providing support, availability and trusted services to our global clients.

We have a proven track record both in the delivery of highly capable products and systems and also operating in high pressure and critical situations.

JFD has grown to become a truly global company and has established global operations, enabling us to respond with trained and experienced personnel to customer demand anywhere in the world.

We continue to invest in the development of systems, technologies and innovations that continue to break new ground, respond to the ever-changing customer environment and ensure the highest standards in safety and quality in protecting life at sea.



TACTICAL DIVING VEHICLES

OVERVIEW

As the complexity of today's Tactical Diving missions evolve, the need for increasingly sophisticated equipment is essential.

Getting close to the littoral zone within realistically achievable swimming distances of an objective, discretely and covertly, is becoming increasingly challenging.

JFD offers a range of Tactical Diving Vehicles (TDVs).

The primary function of these vehicles is to facilitate the insertion and extraction of tactical diving teams and their equipment. Our vehicles are surface or subsurface crafts, each optimised for a particular deployment method or mission profile.

Our TDV's offer tactical divers enhanced operational capability so they arrive at their objective with minimum fatigue and in a high state of mission readiness.

The next generation of JFD TDV, currently in prototype production phase, will offer an autonomy capability and interchangeable payload bay functions to provide, not only mutual support to manned insertion missions, but also a rapid autonomised deterrent capability in sensitive littoral zones.

PRODUCT LINE

- Carrier Seal
- Ancillary Equipment
- Health Monitoring



MORE INFORMATION

Using the camera or an app on a mobile device, scan this QR code to direct you to brochures, videos and datasheets relating to our Special Operations capability.





MILITARY DIVING

OVERVIEW

JFD offers Life Support Systems which use both advanced and proven technology to support a range of operational profiles to enable Special Operations Forces (SOF) and Mine Clearance teams to effectively and efficiently carry out their missions.

Our range of Life Support Systems have been developed over 40 years and are fully compatible with our Tactical Diving Vehicles and other ancillary equipment. We offer a range of closed and semi-closed circuit rebreathers which can extend diving durations whilst limiting the detrimental physiological impact of excessive oxygen and nitrogen exposure. Our systems offer exceptional safety, operational performance and capability across a broad mission spectrum.

With extensive experience managing service contracts and through life support and training for our customers, you can rely on us to deliver assured availability through long-term support contracts.

JFD has defence diving support centres in the UK, Australia and Singapore.

PRODUCT LINE

- Shadow
- Shadow Backmount
- Excursion
- Enforcer
- Stealth Semi-closed
- Stealth Clearance Divers Life Support Equipment
- Stealth Multi-Role
- Ancillary Equipment
- Salvage Lift Bags
- Ordnance Automated Recovery System
- Recompression Chambers
- Military Diver Training
- Integrated Logistics Support
- Health Monitoring

EXPERIENCE

Our history and pedigree in this exacting area is unrivalled having pioneered the development of the world's most advanced underwater Life Support Systems for over 40 years. Leveraging this proven capability delivery has allowed us to push the frontier of military diving rebreathers with the recent launch of Stealth Multi-Role.

MORE INFORMATION

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SUBMARINE RESCUE

OVERVIEW

As an established provider to 42 navies, JFD delivers innovative and technically advanced submarine escape and rescue solutions that improve safety and preserve life in the event of a submarine incident.

JFD's capabilities span the entire submarine escape, rescue, abandonment and survival (SMERAS) environment. JFD is unique in being able to deliver solutions across all of these areas.

Offering a portfolio of products and services including design, manufacture, operations and support, JFD has incomparable experience within this challenging environment.

A rigorous set of management systems and processes and an unblemished safety record ensure that the company delivers high quality services around the clock and around the world.

JFD continues to set new benchmarks and standards for submarine escape and rescue, this continuous improvement is the hallmark of how we deliver long-term value to all our customers.

JFD delivers world class submarine escape training which best prepares submariners in the event of a distressed submarine incident. We are able to offer training using clients own facilities and also have partnerships with various global facilities.

We have highly specialised manufacturing hubs around the world where we design, build, assemble, test, maintain and service our submarine rescue systems. We are proud to have completed work on some of the world's most technological advanced Deep Search & Rescue Vehicles.

PRODUCT LINE

- Submarine Escape
- Intervention
- Submarine Rescue
- Transfer Under Pressure
- DSAR Rescue Vehicles
- Rescue Seat Certification
- Health Monitoring

EXPERIENCE

Over 40 years ago a coordinated, multinational rescue effort culminated in the recovery of Roger Chapman and Roger Mallinson from their Pisces III submersible.

Roger Chapman went on to dedicate his life to the safety of those who spend their lives subsea by founding Rumic, the company that would eventually become JFD. JFD continues to develop pioneering solutions for submarine escape and rescue and is now recognised as the world leader in this capability.

MORE INFORMATION

Using the camera or an app on a mobile device, scan this QR code to direct you to brochures, videos and datasheets relating to our Submarine Rescue capability.





SUBMARINE PLATFORMS

OVERVIEW

JFD is the world leading underwater capability provider, serving the global defence market providing innovative capabilities and technical solutions, and services for submarine platforms.

As a core Product Line for JFD, Submarine Platforms encompasses three pillars of capability:

- Escape and Rescue interface systems (Submarine Rescue)
- Ingress and Egress of people/underwater vehicles in and out of the submarine at pressure (Special Forces divers and vehicles)
- Environmental Management including monitoring, control and production (systems for submariners and divers)

JFD is currently engaged in four international submarine programmes to provide capability and equipment as well as the provision of through life support to specialist systems.

This includes both large and small conventional and nuclear submarines with international as well as UK customers.

JFD's submarine capability covers the entire Concept, Assessment, Demonstration, Manufacture, In-Service, and Disposal (CADMID) cycle.

PRODUCT LINE

- Submarine design and build
- Escape towers, watertight doors and hatches
- Submarine escape and rescue
- Commissioning, training and acceptance
- Lock in Lock Out (LILO) and / Dry Deck Shelters (DDS)
- Atmosphere / environment management
- Health Monitoring
- TDV, AUV Integration, launch and Recovery

EXPERIENCE

Our history has been immersed in the safety of Divers and Submariners since the origins of James Fisher Defence over 40 years ago.

JFD has been designing, manufacturing and supporting Submarine Platforms, across the globe for over 25 years, and now has established itself as an integral supplier to many submarine manufacturers across the world.

The strength of our experience, track record and global engineering, manufacturing and In Service Support (ISS) ideally places to offer innovative solutions within the Submarine Platform market.

MORE INFORMATION

Using the camera or an app on a mobile device, scan this QR code to direct you to brochures, videos and datasheets relating to our Submarine Platforms capability.



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COMMERCIAL DIVING

OVERVIEW

Pursuing its goal of improving the global standard of subsea safety, JFD supports diving operations with equipment, systems, training, testing, in-service and emergency support, engineering, and consultants around the world.

We manufacture and supply a wide range of highly capable and innovative diving and subsea products for the commercial and hyperbaric sectors. Our products are delivered across all continents and for over 40 years have set the industry standard for quality and reliability.

JFD manufactures both integrated and modular saturation diving systems which are world renowned for their innovative technological and operational advancements which improve diver comfort, functionality and practicality.

We work in collaboration with diving contractors to develop effective, capable and cost efficient hyperbaric rescue solutions which can support operations around the globe.

JFD provides a range of subsea and diving related services for maritime, commercial and offshore customers. JFD's expert subsea engineering, manufacturing and technical teams enable the company to support its clients' operational, research, development and training requirements.

JFD brings together these skills to deliver a range of responsive and cost effective services to support and enhance existing equipment and systems. This allows companies to invest in the integrity of their assets, optimising capability and capacity for future business opportunities.

PRODUCT LINE

- Commercial Divers' Equipment
- Diving Instrumentation
- Electrical Diving Equipment
- Gas & Fluid Systems
- Medical & Safety Equipment
- Saturation Diving Systems
- Hyperbaric Rescue
- Decompression Chambers
- Consultancy & Personnel
- Testing Services
- Training
- Health Monitoring

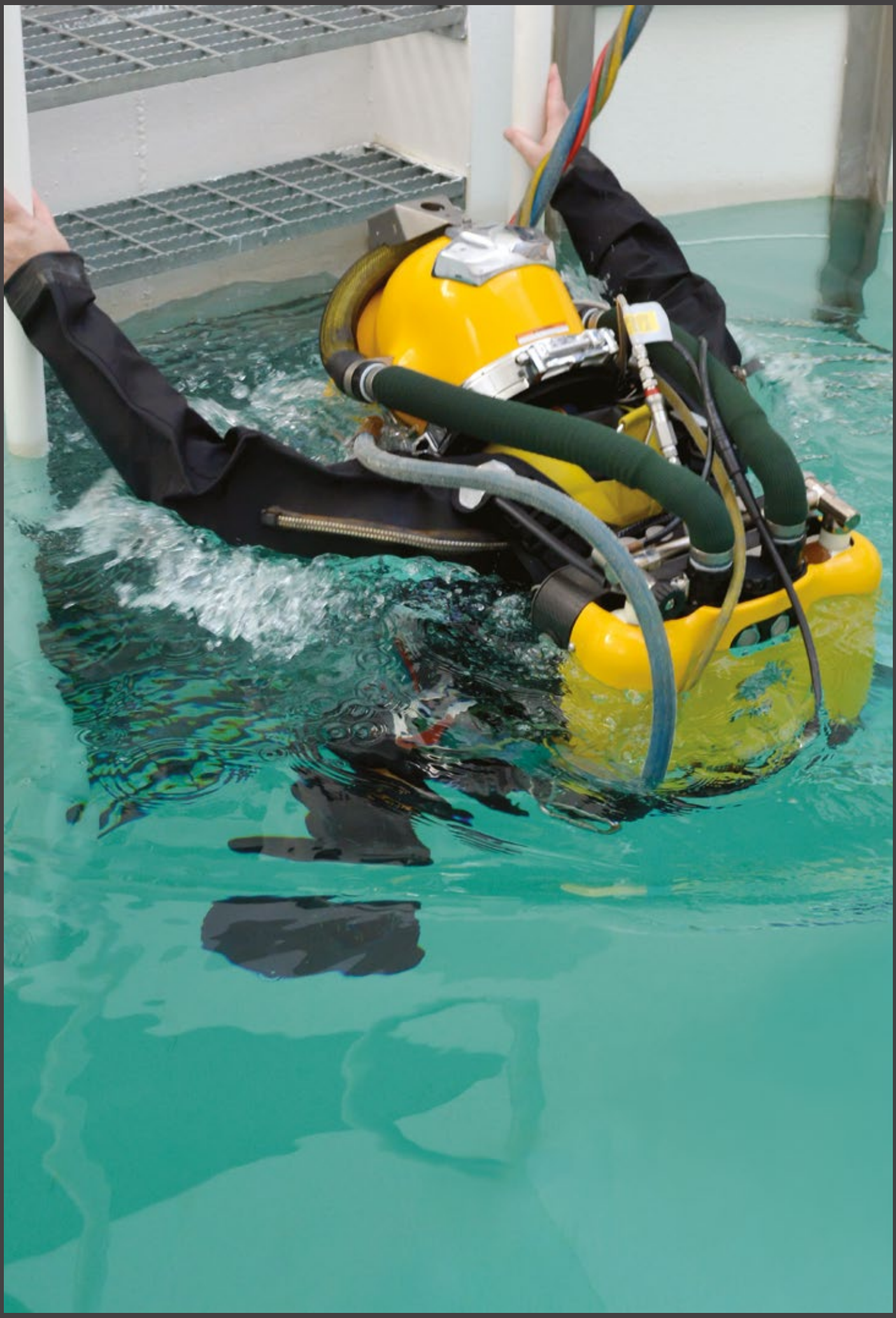
EXPERIENCE

JFD is a world leader in the design, manufacture, installation and maintenance of complete saturation diving systems. The company's track record shows more than 100 systems built and / or refurbished spanning the last 35 years.

JFD equipment can be found on two thirds of the world's diving vessels.

MORE INFORMATION

Using the camera or an app on a mobile device, scan this QR code to direct you to brochures, videos and datasheets relating to our Commercial Diving capability.



GLOBAL LOCATIONS

OVERVIEW

JFD is a trusted, proven and reliable partner to more than 42 International Navies.

Our established global infrastructure enables us to offer rapid and dedicated support locally to our customers strengthened by our ability to leverage the expertise and knowledge of our specialist global teams.



OUR COUNTRY HUBS

UNITED KINGDOM

JFD was established in the UK over 40 years ago, during a formative period for subsea work in the North Sea and advancements in submarine rescue. The company has grown alongside these industries, leveraging its extensive experience to establish engineering and manufacturing hubs in Aberdeen, Glasgow, and Stirling, with additional service bases in Barrow and Portsmouth.

AUSTRALIA

JFD Australia was established in 2003 and now employs over 100 people across three sites. We are committed to working closely with our customers and local partners to provide in country engineering, manufacturing and operations to deliver military capability, protect national security and enhance subsea safety.

NORTH AMERICA

JFD North America was established in 2021 to provide advanced underwater solutions and tailored support to meet the unique demands of the region.

INDIA

JFD India was established in 2018 with the introduction of two Submarine Rescue Systems. JFD's presence in India has expanded to other product lines and is now a service and supply hub for global operations.

SINGAPORE

JFD Singapore has evolved since 2008 when its Submarine Rescue System entered into market and now is an In-Service Support hub for multiple systems and capabilities.

SWEDEN

JFD Sweden supports the design and production of our Tactical Diving Vehicles and also acts as the central hub for the Nordic countries.





Confidence Under Pressure

JFD

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A part of
James Fisher and Sons plc
Pioneering Sustainably