The MacArtney Group - providing innovative systems, products and solutions for four decades across the globe
Since 1978, the MacArtney Group has offered industry leading underwater technology systems, products and integrated solutions.

Offering an extensive product portfolio focusing on system solutions, after-sales service and maintenance to the offshore oil & gas, ocean science, renewable energy and defence markets the MacArtney Group has the unique ability to provide full system solutions integrating new developments and proven technology that is of crucial importance when adding value to our customers.

Conveniently located across North America - in Houston TX, Boston MA, San Diego CA, Victoria BC and Dartmouth NS - MacArtney Inc. houses experienced sales as well as trained technical and administrative staff in our modern facilities.

**Products & services**

In addition to our broad range of underwater technology products, we specialise in repair and service of slip rings, fibre optics, multiplexers and telemetry.

**Local service – global support**

MacArtney provides a service programme containing a comprehensive service and maintenance scheme for all MacArtney systems with worldwide 24-hour service, 365 days a year and onshore/offshore support carried out by fully trained, certified and experienced technicians.

Since 1998, MacArtney Inc. has enjoyed steady growth. We act through a progressive expansion strategy, giving high priority to our business relations and bringing the interests of our customers into focus in order to supply first-class service.

Lars F. Hansen, President, MacArtney Inc.
MacArtney Inc. - Gulf of Mexico
Houston

Est. 1998 the Texas office opened with the goal to provide support & service for the oil & gas sector in the GOM region, particularly for the marine seismic sector.

Over the last 20 years, we have extended our offerings to include underwater connectivity solutions, data acquisition systems, launch and recovery solutions as well as a variety of system solutions.

We also have a custom cable and connector workshop, that includes a slip-ring repair service facility. Furthermore, we offer a range of offshore solutions for the drilling and IMR industry.

Finally, we carry an extensive inventory of underwater connectors including SubConn®, TrustLink Metal Shell Connectors as well as OptoLink Fibre Optic Connectors.

MacArtney Inc. - West Coast Operations
San Diego, CA

Est. 2012 the West Coast Sales Office is strategically located near industry leading OEMs allowing MacArtney Inc. to offer unparalleled customer support.

Providing the complete product range MacArtney has to offer, including connectivity, winches, handling solutions and complete integrated solutions, this office also services the states of California, Nevada, Hawaii, Arizona, Colorado, Utah and Mexico.

MacArtney Inc. - Northeast Operations
Boston, MA

Est. 2012 the Northeast office offers an extensive product portfolio focusing on the SubConn® connector and cable market.

Growth in 2013 saw expansion into system solutions and further development in 2015 into new facilities, with custom cable shop and state of the art moulding technology, enabling the office to serve customers better. This office also supports the SE region of the US.

MacArtney Inc. - Atlantic Canada Operations
Dartmouth, NS

Est. 2016 through the acquisition of fibre optic communications company EMO Marine Technologies we are now a regional sales office for MacArtney Inc.

After adopting the EMO line of small form-factor fibre optic telemetry systems and designs to the global pool of MacArtney product and system solutions, we have become the Atlantic Canada Operations sales hub for SubConn® underwater cables and connectors. In addition to offering all MacArtney products and system-level solutions.

MacArtney Inc. - Pacific Northwest Operations
Victoria, BC

Est. 2012 with the primary goal to provide localised service and support to customers in the PNW region – home to some of the world’s leading oceanographic research institutes which make use of the complete MacArtney product line including connectors, cables, data acquisition and launch and recovery systems.


MacArtney Canada Ltd - Atlantic Canada Operations
Dartmouth, NS

Est. 2012 through the acquisition of fibre optic communications company EMO Marine Technologies we are now a regional sales office for MacArtney Inc.

After adopting the EMO line of small form-factor fibre optic telemetry systems and designs to the global pool of MacArtney product and system solutions, we have become the Atlantic Canada Operations sales hub for SubConn® underwater cables and connectors. In addition to offering all MacArtney products and system-level solutions.
Our industries

Since 1978, the MacArtney Group has offered industry leading underwater technology systems, products and integrated solutions.

Oil and Gas
The oil and gas industry is constantly evolving and adapting to market needs. Since 1978, the MacArtney Group has been supplying underwater technology solutions to the entire industry value chain. Solutions from the seabed to surface ensure the safe and reliable performance of ROVs for the purposes of seismic and CSEM surveys, cable/pipeline surveys, drill support, construction, IRM and decommissioning.

Ocean Science
Ocean science is continually advancing our understanding and knowledge of the ocean. Acting as a system integrator, the MacArtney Group provides turnkey system solutions to operators and developers within the ocean science community from environmental authorities to research institutes. Our portfolio for this industry includes a vast array of integrated instrumentation systems for oceanographic, hydrographic and hydrometric purposes.

Defence
Leading-edge technology for the world’s defence markets is a must. MacArtney delivers turnkey solutions to the defence industry, supplying connectivity products, instrumentation, deck-and-over-the-side handling equipment, e.g. cables, sonars and winches. Our defence operation covers various fields within hydrography, harbour surveillance, coastal and fisheries inspection, submarines and mine counter measurement.

Civil Engineering
The discipline of civil engineering is extremely broad, characterised by ingenuity and innovation, with endless opportunities to apply new system solutions and technology. MacArtney supplies a wide variety of products to the civil engineering industry including dredging, telecommunications, shipbuilding, tunnel survey, dam structures and inspection.

Renewable Energy
Development of renewable energy is essential in our current economic climate and choosing the right supplier is crucial for the long-term success of offshore renewable energy projects. The MacArtney Group has been actively working with offshore renewable energy projects for over a decade, supplying state-of-the-art solutions to wave, tidal and offshore wind applications for projects around the world.

Fishery
Fishing is a historic industry that has undergone immense change over the decades. Both commercial fishing and aquaculture markets need to remain competitive and abreast of technological advancements. Beyond standard products and systems, several of the MacArtney solutions supplied to fishery markets comprise of custom designed and engineered systems tailored to accommodate advanced customer specifications.
The MacArtney Group supplies and services a wide range of integrated systems and products designed, developed and manufactured by MacArtney. Our range of fast, versatile and precise remotely operated towed vehicles (ROTV) includes the MacArtney FOCUS and TRIAXUS vehicles.

MacArtney product lines also include underwater connectivity systems (SubConn®, OptoLink, TrustLink and GreenLink), advanced NEXUS fibre optic telemetry systems, electric CORMAC and MERMAC winch and handling systems available with active heave compensation for ROV systems, and the LOTUS data acquisition and telemetry buoy system.

In addition, MacArtney products include the CEMAC offshore cable handling equipment, hydrostatic pressure vessels and a versatile range of LUXUS underwater cameras and lights. MacArtney are also trusted representatives of other leading manufacturers of underwater products.
MacArtney Inc.

Products, systems and solutions

Winch and handling systems
MacArtney winch and handling solutions embrace the most advanced and rugged systems available and have been trusted by operators within the maritime industries for four decades.

MacArtney supplies MERMAC and CORMAC winches and handling systems for all requirements – safely and effectively facilitating the journey of underwater technology between the surface and seabed.

Telemetry
Our NEXUS and EMO multiplexing systems transmit from the seabed to the surface the signals and data captured by cameras, sonars and other sensors, enabling interfacing between underwater technology systems and applications.

The LOTUS data acquisition and telemetry buoy system is designed with open architecture allowing for integration of a range of additional sensors.

Offshore cable handling equipment
CEMAC offshore cable handling equipment for pipeline and cable-laying deployment can be utilised for a wide range of flexible pipe products including cables, umbilicals, dynamic risers and hoses. Featuring durability, high performance and easy integration the CEMAC products are compatible and fully synchronised with common software control systems.

In addition, CEMAC products feature integration into existing and rental cable equipment lay-lines ensuring compatibility with third-party equipment.
Connectivity
The MacArtney connectivity portfolio includes underwater cables, industry-leading SubConn® underwater mateable and harsh environment connectors, OptoLink fibre optic connectors, TrustLink and GreenLink connectivity systems that include installable terminations, hubs and API compliant subsea connectors for use in harsh and strictly regulated environments.

Remote technology
With decades of experience and development, the latest generation of MacArtney ROTV systems offer flexible survey and monitoring solutions.

The FOCUS and TRIAXUS vehicle systems are designed to operate a multitude of sensor packages, and are enhanced by their unique hydrodynamic design. The systems are highly stable, very manoeuvrable and able to collect quality data at high speeds.

Cameras and lights
From drafting board to delivery MacArtney’s LUXUS range of lights, cameras, video units, pan and tilt units, controllers and accessories are all designed to combine operational and service flexibility, excellent performance and ensure reliability.

After-sales service
MacArtney provides a range of service solutions and packages designed to minimise downtime and optimise system performance and operation.

From the drawing board to the sea floor, MacArtney is a trusted solution provider. We are deeply committed to being the first-choice service provider to our customers.
Facilities covering all of North America

MacArtney Inc. offers a wide range of workshop services to owners and operators of underwater equipment and systems.

Servicing all of North America
MacArtney workshops are equipped to the highest industry standards and provide fast turnaround, efficiency and premium quality.

MacArtney continually works to ensure that all staff are trained to the highest levels possible and have access to the latest production technology to aid them in their work. Our ISO 9001-2015 quality management system ensures that the product delivered will always meet the highest standards.

Fibre optics workshop and capabilities
From our workshops, our team of experienced fibre optic technicians produce and service the full range of MacArtney OptoLink connectors, penetrators and assemblies along with custom fibre optic solutions. In addition, MacArtney produces fibre optic patch cords for slip ring maintenance as well as servicing fibre optic connectivity products from other manufacturers.

Jobs on site
To enable service technicians to carry out on-site service jobs much of our equipment is battery powered. This adds to MacArtney’s flexibility and efficiency as a service provider.

Moulding and cable assembly
MacArtney moulding and cable assembly workshops incorporate state-of-the-art computerised moulding technology. This enables our team of highly trained cable assembly technicians to produce a full range of connector and cable moulds.

MacArtney Inc. employs several soldering experts with full ESA certification to perform various tasks.

We are able to handle any type of order - from large scale series production of cable and connector assemblies to highly advanced one-off custom moulds.

Dedicated service technicians work to secure a fast cable assembly turnaround.
Warehouse and workshop general service

Service and availability around the clock
Available both locally and globally, MacArtney’s customer support completes hands-on and remote servicing day and night. Providing local and global service whenever required.

Our large warehouses provide ample space to perform all service and repair tasks. We store all cables, connectors and equipment needed to support our workshops.

Additionally, we hold an extensive range of SubConn® connectors available for immediate delivery. The warehouse is equipped with a 7.5-ton forklift and a 2-ton gantry crane.

Mobile workshop
In addition to our fully integrated stationary workshops, MacArtney Inc. operates a mobile workshop granting flexible and immediate customer service support as and when needed.

MacArtney provides solutions that can sustain and increase the value, efficiency, performance and lifetime of your specific system.

Our products and our capacity to supply and support complete systems and solutions are globally recognised and trusted.

MacArtney can be found across the globe, including central North America hubs, thus providing a guarantee of instant service and support.

MacArtney slip ring service
The MacArtney Inc. slip ring workshops provide ongoing maintenance, service, testing and repair of all Focal slip ring models used in the marine marketplace. Within our slip ring workshops, we carry out complete refurbishment of worn or damaged slip ring products, returning them to an ‘as new’ condition.

The right hands with the right tools
Experienced slip ring technicians, all with advanced training from Focal Technologies, staff MacArtney workshops. MacArtney workshops are equipped with the same systems, equipment and tools as Focal manufacturing facilities. These systems includes induction soldering and advanced system test technologies.

Meticulous testing prevents operational downtime
Extending the operational lifespan and preventing costly downtime of serviced systems is of key importance to MacArtney Inc. In order to achieve this, we apply several testing processes and technologies, including a custom developed testbed, which allows all slip rings to be tested while rotating. Additionally, we have the ability to test slip rings and fibre optics rotary joints at low temperatures, thus simulating conditions found in harsh subsea environments.

Spares readily available
To further reduce system downtime, we carry an extensive range of spare parts for slip rings. Our standing stock includes mechanical parts, cables, bearings and other consumables required to refurbish slip ring units.

Creating value for our customers
MacArtney provides solutions that can sustain and increase the value, efficiency, performance and lifetime of your specific system.
MacArtney Inc. are the proud suppliers of a docking head and winch system to SOI for the purposes of ensuring safe launch and recovery as well as optimum handling of ROV SuBastian onboard the R/V Falkor.

MacArtney’s modular and compact winch design allows for flexible system installation on USVs for the autonomous purpose of sweeping, localisation and neutralisation of mines and other explosive devices without human interaction.

“Delivering outstanding system performance by combining technology and experience, MacArtney considers the outcome of this customisable solution excellent as it is applicable for many purposes.”

Lars F. Hansen, President, MacArtney Inc.

MacArtney supplies system solution for Schmidt Ocean Institute deep-sea ROV

MacArtney Inc. are the proud suppliers of a docking head and winch system to SOI for the purposes of ensuring safe launch and recovery as well as optimum handling of ROV SuBastian onboard the R/V Falkor.

The MacArtney MERMAC D docking head unit, fitted to the ROV MERMAC winch system, connects directly to the MERMAC articulating A-frame at a single suspension point. This provides a considerable advantage in facilitating the functionality and ensuring safe launch and recovery, as well as stability in heavy seas.

“It is great to see such a collaborative effort between the two organisations. The system was engineered for optimal design in a multitude of sea states. This offers protection to not only the equipment itself but also to the crew operating it.”

Nick Hartman, Business Development Manager, MacArtney Inc.
MacArtney provides a wide range of SubConn® standard and custom connector and cable assemblies to AML Oceanographic, a leading supplier of sound velocity profilers, CTDs, and underway profiling systems for hydrographic and oceanographic applications. Long lead times and timely customer support have become major issues within the underwater connector and cable industry. MacArtney and AML have been working together to develop a supply program that enables AML to deliver their oceanographic instrumentation to customers within a significantly reduced timeframe. Clear and consistent communication is key in this relationship designed to be commercially advantageous to both parties and the customers they serve.

MacArtney & ION develop SailWing actuator and control system technology to ensure correct positioning and stability of seismic survey source arrays. MacArtney has provided six customised SailWing actuators for use in a control system for ION Geophysical. On the cutting edge of technology, the SailWing actuator and its control panel are designed to control sources towed from seismic vessels gathering data intended for 3D interpretation of the subsurface. This customised solution has broader applications, enhancing the MacArtney portfolio of custom designed and manufactured products shaped to their customers' needs.


“AML prides itself on rapid delivery of Sound Velocity and CTD instrumentation, and it is imperative for us to partner with suppliers who support that commitment. From customisation to helping us turn around orders in one day, MacArtney is always willing to work with us to meet the needs of our clients.”

Robert Haydock, CEO AML Oceanographic Ltd.
www.amloceanographic.com

MacArtney becomes go-to connectivity supplier to AML Oceanographic

MacArtney supplies a wide range of SubConn® standard and custom connector and cable assemblies to AML Oceanographic, a leading supplier of sound velocity profilers, CTDs, and underway profiling systems for hydrographic and oceanographic applications.
Meet us in the US - and all over the world