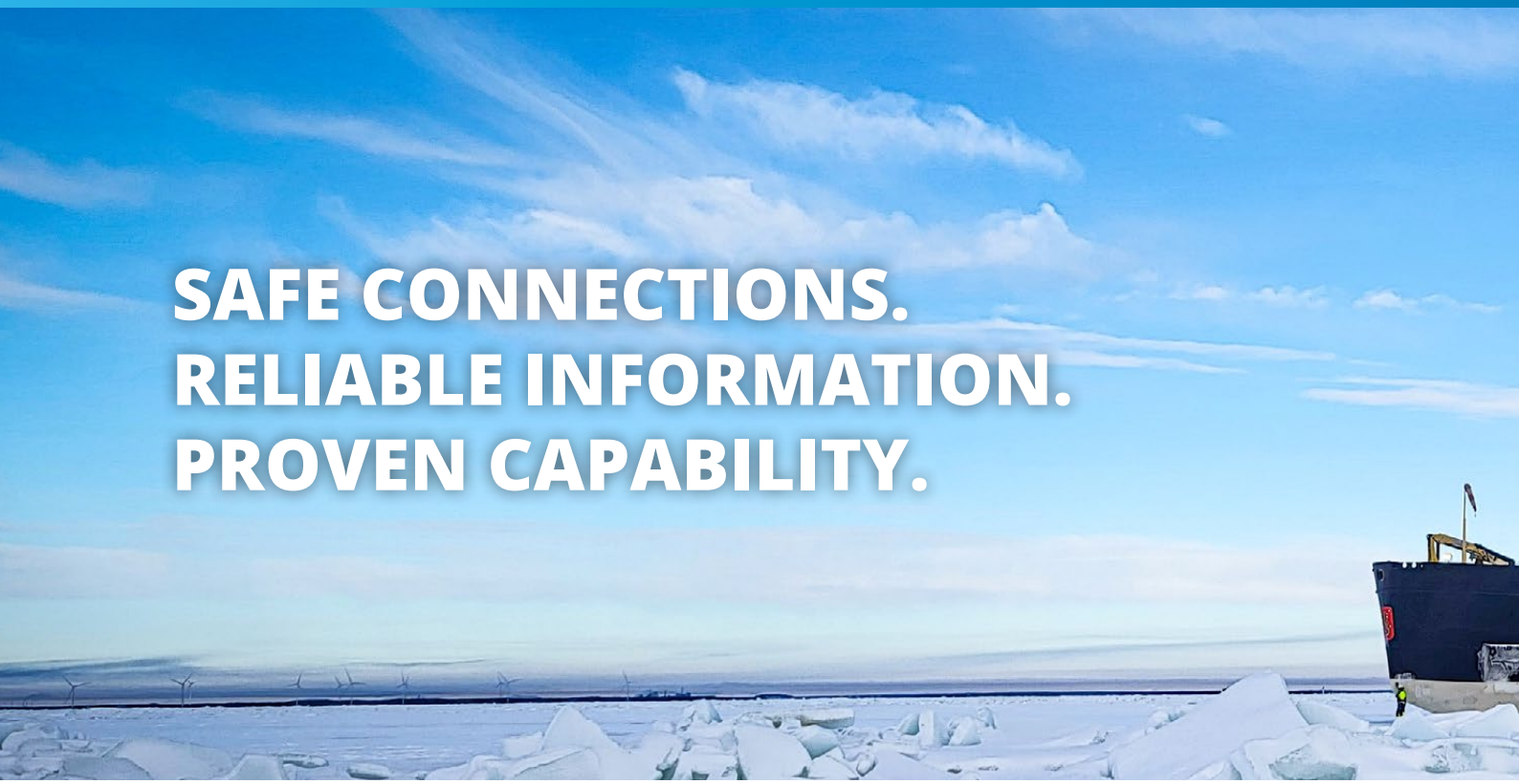


Forerunner in sustainable maritime services

ARCTIA



SAFE CONNECTIONS. RELIABLE INFORMATION. PROVEN CAPABILITY.

KEEPING MARITIME FINLAND MOVING

Arctia secures safe and functional maritime connections in demanding northern conditions.

Arctia is a Finnish government special assignment company whose business units are icebreaking, fairway maintenance and marine survey. Our work supports Finland's security of supply, year-round maritime transport and the safe use of waterways in all conditions.

Our expertise extends from winter navigation and fairway maintenance to hydrographic surveying, underwater infrastructure and other demanding maritime services. We combine specialised vessels, experienced professionals and decades of operational knowledge in the Baltic Sea and other challenging marine environments.

OUR CORE EXPERTISE

- Icebreaking
- Fairway maintenance and aids to navigation
- Marine survey
- Marine infrastructure services
- Vessel and transport services
- Underwater operations

WATCH OUR VIDEO



SECURITY OF SUPPLY DEPENDS ON RELIABLE MARITIME CONNECTIONS

Finland relies on sea transport throughout the year. Arctia helps ensure that critical maritime connections remain operational when conditions are at their most demanding.

Efficient icebreaking safeguards winter navigation that is vital to Finland's economy and security of supply. Fairway maintenance and reliable aids to navigation keep routes usable and safe, while marine survey provides accurate information for navigation, infrastructure and planning.

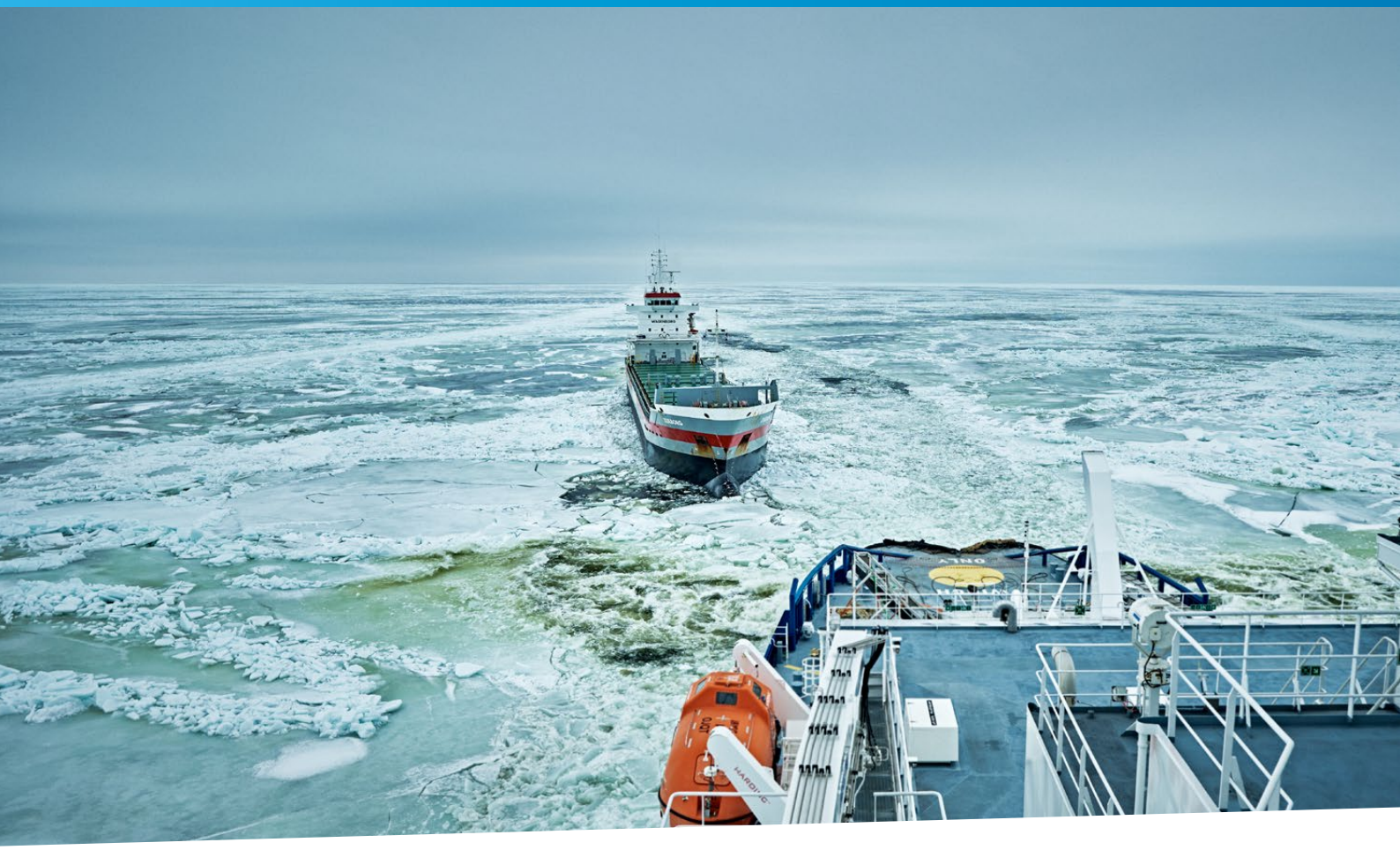
These capabilities form a connected service portfolio that supports public authorities, ports, industry and other maritime operators. From the water surface to the seabed, our role is to help maintain the conditions for safe, reliable and continuous maritime operations.

Panasoft

Maritime HR Software &
Payroll Solutions



panasoft.fi joni.kivi@panasoft.fi +358 40 358 4828



KEEPING FINLAND CONNECTED THROUGH THE WINTER

Reliable winter navigation is essential for Finnish industry, international trade and national security of supply.

Arctia's icebreaking services assist merchant vessels in demanding ice conditions and help keep traffic to and from Finnish ports moving safely and efficiently. Every assistance task is planned according to prevailing conditions, traffic and the needs of individual vessels.

Our expertise is based on purpose-built vessels and highly competent crews with extensive experience in winter navigation. The objective is to minimise transport delays and maintain safety even in the most demanding circumstances.

ICEBREAKING CAPABILITY

- 6 icebreakers
- 2 multipurpose icebreakers
- World-class icebreaking expertise
- More than 30 years of operational experience

ICEBREAKING EXPERTISE BEYOND THE BALTIC SEA

Arctia specialises in icebreaking and ice management in Arctic and sub-Arctic conditions.

Our multipurpose icebreakers combine powerful icebreaking capability with the manoeuvrability and equipment required for demanding offshore assignments. They can support ice management, towing and other specialist maritime operations in areas where conditions place exceptional demands on vessels and crews.

International assignments build on the same competence that is developed every winter in the northern Baltic Sea: understanding ice, planning safe operations and adapting quickly to changing conditions. This makes Arctia a capable partner for projects that require proven experience in cold and remote environments.

Built in Arctic conditions.
Ready for demanding international assignments.



AB-Marinel Oy

Superior Knowledge in Marine Electrical Installations

Complete Marine Electrical Solutions – From Engineering and Turnkey Installations to Commissioning and 24/7 Service, Backed by Expertise Since 1985.

ab-marinel.fi info@ab-marinel.fi +358 2 444 11



MARINE INFRASTRUCTURE FROM SHORE TO SEABED

Underwater infrastructure projects require reliable information, suitable equipment and practical experience in challenging marine environments.

PIPE AND CABLE INSTALLATIONS

Arctia provides comprehensive solutions for underwater cable and pipeline projects. Our services include laying cables and pipelines, landfall surveys and construction, inspection measurements of installed lines and support vessel services for repair work.

Versatile vessels, strong local knowledge and experience in water construction allow us to adapt each project to the operating environment. We can also support the maintenance and condition monitoring of cable infrastructure throughout its lifecycle.

One partner for demanding marine installation work.

EXPERTISE BELOW THE SURFACE

DIVING SERVICES

Arctia's professional divers carry out underwater inspection, construction, repair and installation work across Finland, from ports and inland waters to the archipelago and open sea. Specialised equipment and extensive experience support safe and efficient execution in demanding conditions.

ROV SERVICES

Remotely operated vehicles provide an efficient way to inspect underwater structures, document their condition, locate faults and collect underwater geospatial information. ROV technology can reduce the need for manned diving and support safer condition monitoring and faster response to exceptional situations.

VESSEL AND TRANSPORT SERVICES

Our vessels and workboats support marine projects with transport, lifting and other operational services. The service is adapted to the assignment, location and conditions.



Rooted in the Nordic region, Fairwater is a trusted insurance partner to the maritime and logistics industries — worldwide.

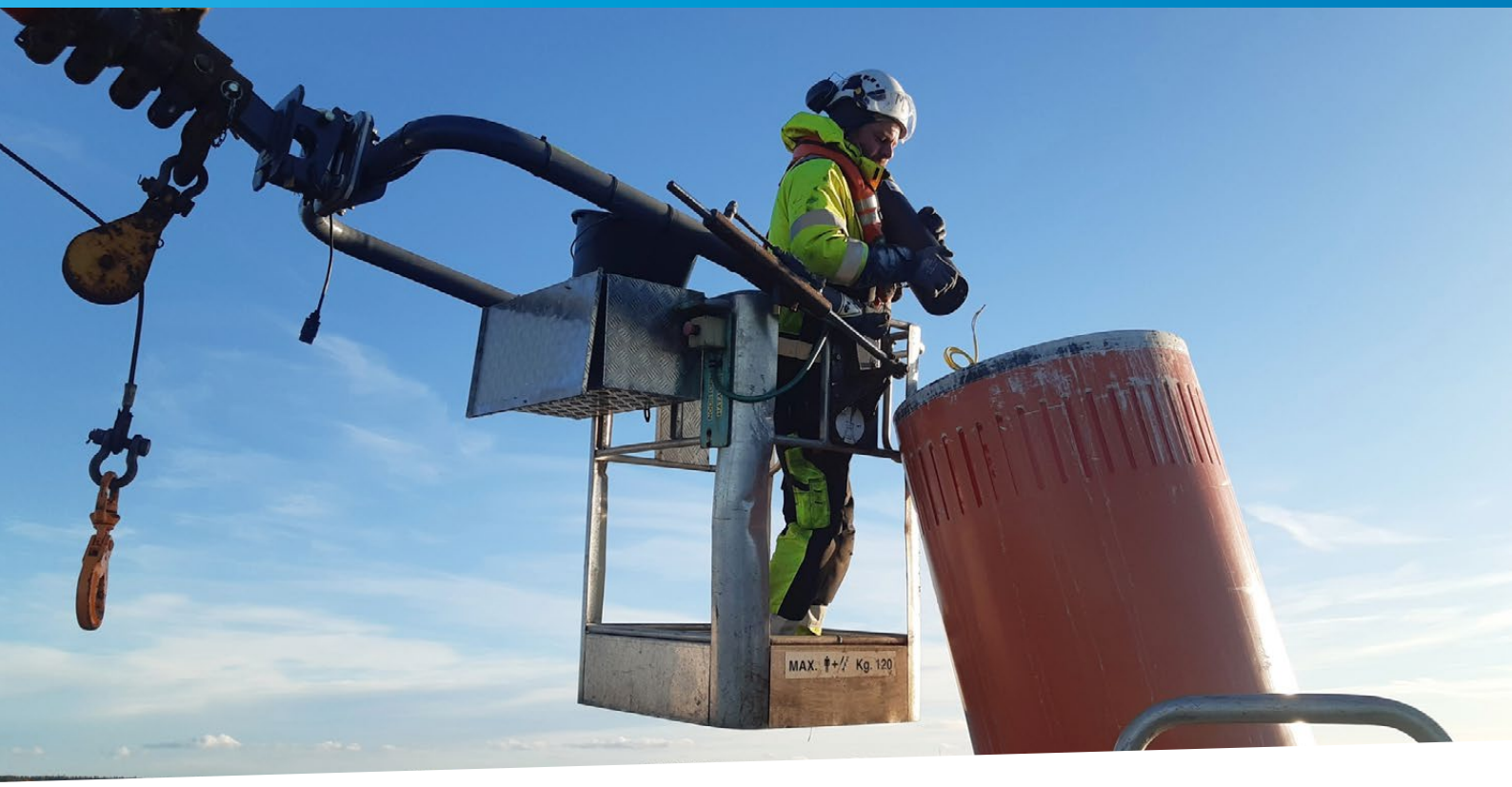
Fairwater Marine provides expert risk assessment, tailored insurance solutions, and claims support. With deep marine industry expertise, we help clients secure the right coverage and manage risks effectively.

Contact us: marine@fairwater.se



Fairwater Marine
International Insurance Brokers

Visit us:
fairwater.se



SAFE WATERWAYS REQUIRE CONTINUOUS CARE

Reliable fairways and navigational aids are essential for safe and smooth maritime traffic throughout the year.

Arctia maintains and repairs navigational aids such as buoys, spars, leading marks and beacons. Experienced fairway personnel and versatile vessels enable faults to be addressed quickly and reliably in all seasons.

We also manufacture polyethylene buoys and other aids to navigation. Remote monitoring and management solutions provide real-time information on equipment status, improve the predictability of maintenance and help reduce unnecessary service trips.

From manufacturing to maintenance, we support safe navigation throughout the lifecycle of the equipment.



PROVEN MARINE SURVEY EXPERTISE

Arctia provides internationally standardised marine survey services for authorities, infrastructure owners and private-sector customers.

Our capabilities cover hydrographic, geophysical and geotechnical surveys as well as underwater inspections, cable and pipeline measurements and detailed data processing. We operate from shallow coastal waters to open sea environments and combine modern survey technology with deep knowledge of northern marine conditions.

Survey data can support permitting, construction, environmental monitoring, infrastructure investment and security-related decision-making. In high-stakes applications, accuracy, traceability and rigorous quality assurance are essential. Arctia's processes are designed to deliver precise, verified and ready-to-use information.

MARINE SURVEY AT SCALE

- 1,200+ survey days annually
- 40,000+ survey line-km annually
- 2,500+ km² of hydrographic and geophysical surveys annually
- 7 marine survey and research vessels

Competence. Track record. Trust.



ALUCAT®

Engineered for oil spill response, offshore operations and fairway maintenance



ALUCAT® aluminium catamarans are built for demanding coastal work. Every boat is engineered to be durable, long-lasting and economical to operate.

ALUCAT® designs and builds aluminium catamarans for authority and professional use, for tasks such as oil spill response, offshore support, fairway maintenance and rescue operations. Our catamarans are engineered to be safe, barrier-free and fuel-efficient. Every boat is unique, customised to the customer's needs. Built in Finland since 2003, our boats are trusted by rescue services, defence and maritime authorities across Europe.

alucat.fi info@alucat.fi +358 3 3484 666



PREPAREDNESS AND CAPABILITY IN ALL CONDITIONS

Arctia's special assignment connects maritime operations with Finland's security of supply and preparedness.

The defined assignment includes ensuring winter shipping that serves the transport needs of business and secures Finland's security of supply, with a focus on cost-effective and low-risk icebreaking in the northern Baltic Sea.

Arctia's special assignment also includes enabling military mobility and providing marine survey, fairway maintenance and planning services related to preparedness and readiness in all conditions. Our everyday operations, specialised fleet and maritime expertise provide the practical capability required to perform these tasks responsibly and reliably.

Preparedness is built on proven operational competence.

MARINE DIESEL
WE KEEP THE SHIPS RUNNING

PROTECTING CRITICAL INFRASTRUCTURE AND THE MARINE ENVIRONMENT

CRITICAL UNDERWATER INFRASTRUCTURE

Power cables, pipelines and other underwater assets are increasingly important to the functioning and security of society. Marine surveys and underwater inspections provide baseline information, support condition monitoring and help detect changes or anomalies that require further investigation.

Arctia's survey expertise supports infrastructure owners, authorities, energy projects and other customers that need reliable information for planning, maintenance and high-stakes decisions.

OIL SPILL PREPAREDNESS AND RESPONSE

Arctia provides oil spill response services with vessels and equipment designed for demanding marine conditions. Some vessels are equipped for oil recovery in icy conditions and the icebreaker Polaris is specifically equipped for oil spill response in open water. Experienced crews and suitable equipment support professional and reliable response when it is needed.



LAMOR

OIL SPILL RESPONSE

New marine fuels behave unlike heavy bunker crude: they harden, fragment and resist conventional skimming. Our LSFO recovery systems are developed and field-tested for exactly these conditions, in open water and in ice.

Rihkamatori 2, Porvoo
+358 20 765 0100
info@lamor.com
lamor.com





SUSTAINABILITY FOR THE SEA AROUND US

The marine environment is our workplace and protecting it is an integral part of how we develop our operations.

Arctia's sustainability programme focuses on greenhouse gas emissions, biodiversity, preventing environmental pollution and promoting circular economy. We continuously develop vessels, technologies and operating practices to reduce environmental impacts while maintaining safe and reliable maritime services.

Our goal is to reduce emissions by 20% by 2030 relative to 2020 levels. A CO2 roadmap defines concrete measures to support this target.

Professional survey, maintenance and planning also contribute to efficient project implementation, predictable maintenance and responsible lifecycle management of maritime infrastructure.

The sea is our operating environment.
Preserving it is our responsibility.

HELSINKI SHIPYARD

Over 160 years of Arctic shipbuilding excellence.

www.helsinkishipyard.fi



PEOPLE, SAFETY AND GOOD GOVERNANCE

Reliable maritime operations depend on skilled people, a strong safety culture and responsible ways of working.

Arctia promotes occupational safety, job satisfaction and equality while building a skilled and continuously developing work community. Our work often takes place in demanding environments, making professionalism, cooperation and safety inseparable from everyday performance.

Arctia's Code of Conduct guides the company and its value chain. Integrity, professionalism, commitment to personnel, health and safety, environmental responsibility and continuous improvement form the foundation of our operations.

Arctia is also part of the UN Global Compact initiative and has embedded its principles on human rights, labour, the environment and anti-corruption into its strategies and operations.

Open. Responsible. Evolving.

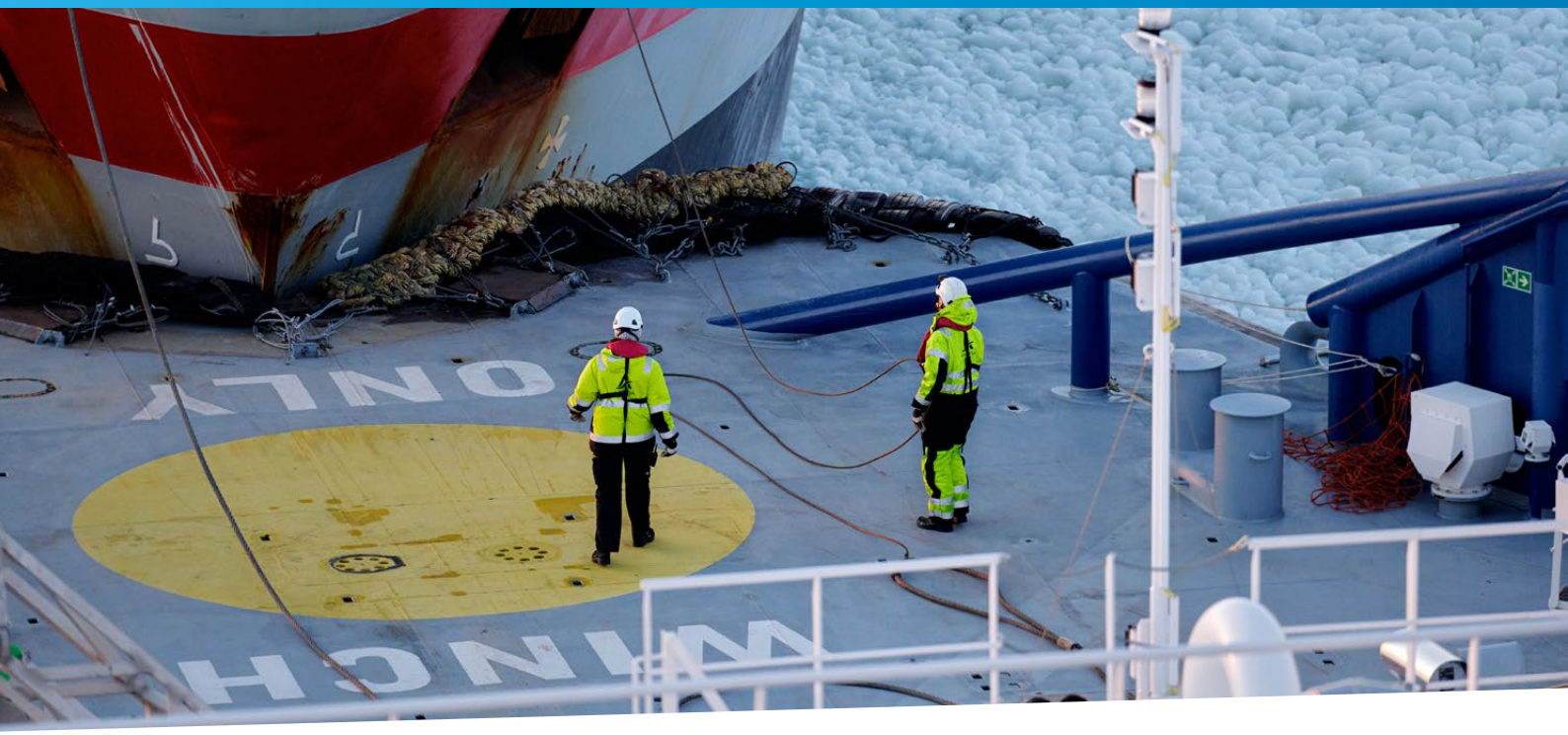
Everllence

everllence.com

Moving big things to zero

We provide decarbonization technologies for global shipping, energy generation, and industry.





MAKE A DIFFERENCE IN THE MARITIME WORLD

At Arctia, meaningful work supports safe, smooth and environmentally responsible maritime navigation.

Our professionals work in icebreaking, fairway maintenance, marine survey, underwater operations, technical roles and expert functions ashore. The operating environment is unique and many specialist skills are developed through practical experience, training and cooperation with experienced colleagues.

Arctia recruits both maritime and shore-based professionals. Different lengths of employment are available and new opportunities can open quickly, especially during the winter season. Many careers at Arctia have started in fixed-term roles and later continued in permanent positions.

Could you be the next Arctian?
Explore open positions and career stories at ura.arctia.fi

Celltech

Batteries and battery systems backed by pioneering expertise.

celltech.fi

0207 999 640



KOTKA MARINE OY





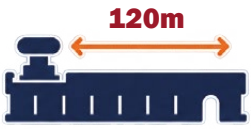
HIGH-SECURITY PORT INFRASTRUCTURE & FULL-SERVICE MACHINE SHOP MANUFACTURING – ARCTIA'S TRUSTED HUB IN KOTKA

SECURE DEEP-WATER PORT



9M FAIRWAY

Suitable for large commercial vessels and Arctic-class icebreakers



120M PRIVATE QUAY

For secure berthing, heavy logistics and rapid deployment



FENCED & GUARDED ISPS AREA

Fully enclosed facility with 24/7 monitoring for maximum safety and security



FULL QUAY-SIDE UTILITIES

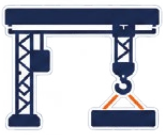
Shore power, waste management and sewage/blackwater disposal on-site

HEAVY ENGINEERING & TECHNICAL SERVICES



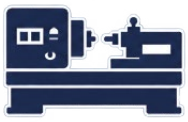
7,500M² HEATED SPACE

Expansive warehouse and workshop facilities



UP TO 70 TONS

Overhead lifting capacity for heavy and demanding operations



MACHINE SHOP SERVICES

Turning, milling and welding by Power Tech Group Oy



SPARE PARTS & REPAIRS

Spare-part manufacturing and structural repair capabilities



PAINTING & SURFACE TREATMENT

Marine-grade coating and corrosion protection services on-site



Combining secure port infrastructure, heavy engineering and fullservice marine utilities in one location, the Kotka hub helps keep Arctia's vessels **operational, maintained and ready** for demanding icebreaking and maritime safety operations across the Baltic Sea.

KOTKA MARINE + **POWER TECH GROUP**

FORERUNNER IN SUSTAINABLE MARITIME SERVICES

From icebreaking and fairway maintenance to marine survey and underwater infrastructure, Arctia provides expertise for demanding maritime environments.

Let us find the right solution for your project!

Arctia Ltd
Laivastokatu 9
FI-00160 Helsinki
Finland

+358 30 620 7000

arctia.fi

ARCTIA

JS/SUOMI • Concept: JS/MEDIA TOOLS A/S • www.jssuomi.fi



Sea. It *freezes.*

In Finland, on the Baltic Sea, ice is not an exception, but an annual operating environment. Winter is a condition that must always be factored in, unlike in most of the world's seas.

That's why, when designing ferries, naval vessels, and icebreakers, we have learned to answer the question: How will the vessel perform when the sea freezes over? And that know-how applies wherever ice-capable vessels are needed. Rauma Marine Constructions brings this specialized expertise to winter navigation as a designer, shipbuilder, and life-cycle service provider.

We don't just build ships. We build shipbuilders: people who combine centuries-old traditions, the most advanced technology available, and the courage to solve problems for which there are no readily available answers.

Sea. That's why.

RAUMA MARINE CONSTRUCTIONS