



*Extending boundaries
together*

*Intelligent equipment
Smart solutions*

The technology innovator.

Extending boundaries together

Today's markets and industries are developing at a rapid pace. Projects are taking place in deeper waters, in more remote areas and in more challenging environments. In order to ensure that their activities remain profitable, companies are looking for ways to lower costs and maximize efficiency. This has led to a growing demand for integrated and reliable solutions. By merging four business units into one organization, we are able to provide a complete range of full services to our clients. As a result, they have to deal with fewer interfaces and suppliers and are serviced by one partner for equipment, solutions and services for onshore and offshore foundation, installation and decommissioning.

In an ever-changing market, it is important to keep looking ahead. We are constantly looking for improvements, optimizations and new possibilities in order to facilitate our clients to improve their business. We share a passion for smart solutions and developing intelligent advanced equipment that stands out in our field of work. In this process we are involving our customers as closely as possible. We believe in complementing each other's experience and expertise and growing faster together. This has enabled us to deliver break-through innovations, award-winning projects and a strong financial performance.

Innovation has made us the market leader we are today. IHC IQIP is your full-service partner for intelligent equipment and smart solutions for onshore and offshore foundation, installation and decommissioning activities.

Setting the market standard by constantly reinventing our equipment



Ramming of a monopile at the Butendiek wind farm.

Powerful integration of 4 Royal IHC business units



IHC Hydrohammer

IHC Hydrohammer is the creator of the hydraulic impact hammer, the most powerful and reliable pile driving system. This innovation was developed as a more environmentally acceptable alternative for the diesel and air hammer. Through continuous innovation and optimization, IHC Hydrohammer has developed this technology into the most powerful and reliable

way of pile driving. As a market leader, IHC Hydrohammer has always been a pioneering company in this field with the invention of the Noise Mitigation System (NMS) and the Waterhammer®, a unique hydraulic impact hammer that runs on water.



IHC Sea Steel

Incorporated in the 90s, IHC Sea Steel UK was involved in projects providing onboard site representation and technical assistance for the installation of riser base piles, as well as design development of suction riser bases. Since that time Sea Steel has been involved in many projects predominantly in Oil and Gas but also Offshore Wind, designing and supplying rental pile guide

frames and templates for FPSO anchor pile projects, Offshore Loading System projects and jacket pin piles. IHC Sea Steel UK offers industry leading, unique and patented pile guide frames designed to make pile installation safer, more efficient and more accurate. IHC Sea Steel has built up the world's largest rental fleet of pile guide frames, with Fast Frame and Slotted Frame designs.



IHC FUNDEX Equipment

The origins of IHC FUNDEX Equipment date back to the late sixties, when it carried out piling and drilling jobs globally in the onshore market for foundation construction. IHC FUNDEX Equipment-engineers have been creating new and innovative products and improvements which contribute to a higher

efficiency of piling and drilling operations, like the F2500, F2800 and F3500 rigs.



IHC Handling Systems

The origin of IHC Handling Systems goes back to 1913, when Dutchman Pieter Boers opened a forge for making tools for bridges, automobiles and various other fields. In 1951 these tools were 'loaned' out to the Dutch national oil company NAM. This was the start of a long and prosperous relationship,

aimed at the delivery of services and structures for drilling on land and at sea. Over the years, IHC Handling Systems has developed into an innovative problem-solving company for all major offshore contractors with a full range of standard and custom-made offshore installation equipment.



Installing the biggest monopile in the market

IHC IQIP has been active in the offshore wind market from the very beginning and is presently a market leader in pile driving, noise reduction and pile handling and guiding for the installation of monopiles, jackets and tripods for wind farms and substations. With our big hammers, sleeves and handling equipment, we are able to install the biggest monopile in the market, the XXL monopile. Our Noise Mitigation System (NMS) is unique and the only proven technology for reducing noise during foundation installation. Besides installing turbine foundations, our equipment is also used for installation and maintenance of turbines.



Pile upending and positioning frame



Hydrohammer S-2000



Noise Mitigation System

Hollandse Hoop

London Array, world's largest offshore wind farm in the Thames estuary.



Withstanding deeper water conditions and removal challenges

IHC IQIP has a long history in the oil & gas industry concerning the installation of floating and fixed structures, subsea development, deep water and pipe laying. The challenges faced by our clients led to the design and manufacture of intelligent equipment and smart solutions. For deeper and ultra-deep waters, IHC IQIP designed and produced equipment capable of withstanding deep-water conditions. A relatively new market is decommissioning. The removal of structures, jackets, subsea templates and pipelines requires specialized and customized equipment. IHC IQIP has already built up an impressive track record with several dedicated and custom-made tools for decommissioning jobs.



Waterhammer S-90W



Deep water Internal Lifting Tool (ILT)



36" Fast Frame

FPSO oil production vessel and supply ship in deep water.

Larger, higher and unconventional

In the dynamic and global market of onshore coastal and civil works, IHC IQIP holds a unique position as the supplier of piling and drilling equipment. Due to increased urbanization, there is less space and more environmental legislation. Larger, higher and unconventional structures require more complex foundations. Our equipment, such as our Hydrohammer, can even be used horizontally and allows working under the most severe circumstances to install foundations for buildings, container terminals, bridges, viaducts, jetty and mooring posts.



Horizontal pile driving



FUNDEX F3500



Hydrohammer S-90

vertical / Shutterstock.com

The London Eye is a giant Ferris wheel on the South Bank of the river Thames in London.



Our expertise

IHC IQIP is evolving from a supplier of equipment to a partner that supports its clients with smart solutions. Our expertise covers a wide range of equipment and services, including:

Foundation

Piling solutions IHC IQIP is specialized in piling solutions for onshore foundations and offshore installation of conductors, anchor piles, jacket skirt and/or leg piles, monopiles and start-up piles at sea. With Hydrohammers, FUNDEX machines, Vibratory hammers and Waterhammers, IHC IQIP is a one-stop shop for the rental and purchase of all necessary equipment.

Noise mitigation Noise reduction during offshore pile driving activities is possible with our Noise Mitigation System, or new piling methods such as HiLo (High Frequency Low Energy), SMART Pile Driving (SPD) and efficient pile driving (EPD). Advanced technology reduces the negative effects of noise on sea life.

Pile guiding and handling With our pile guiding and handling solutions, we aim to reduce the installation and total costs of (offshore) projects and to extend the possibilities of the Monopile XL in offshore wind projects. Our product range includes pile-handling equipment for upending, lifting and

guiding of piles. Our equipment can also be utilized for the installation of FPSO mooring piles, pipeline initiation piles, wellhead protection piles, pre-piled jacket foundations and pre-driven conductors.

Installation

Offshore structure lifting and handling IHC IQIP supplies a wide range of handling, lifting and deep-water lowering equipment for installation of all types of offshore facilities, including fixed and floating structures, subsea pipelines and subsea infrastructures. IHC designs equipment – often dedicated and custom-made – to withstand extreme conditions and heavy loads. For example, it encompasses the safe movement of large piles and pipes, or even complete platforms in a safe, efficient and controlled manner.

Decommissioning

Decommissioning IHC IQIP has already built up an impressive track record in this relatively young market, which began with the removal of the flare tower of the Brent Spar in 2005. The demand for dedicated and custom-made tools is increasing, which is something that IHC IQIP is able to deliver.



What we do

IHC IQIP has built up extensive expertise in pile driving, pile handling and guiding, offshore structure handling and decommissioning. Our services include:

Project advisory services Managing projects in an efficient and risk-controlled manner while facing more complex challenges; we offer our clients our expertise, advice and support in every project phase. Our professionals provide support on all levels and assist clients to reduce costs and risks by making better choices in an early stage of the project.

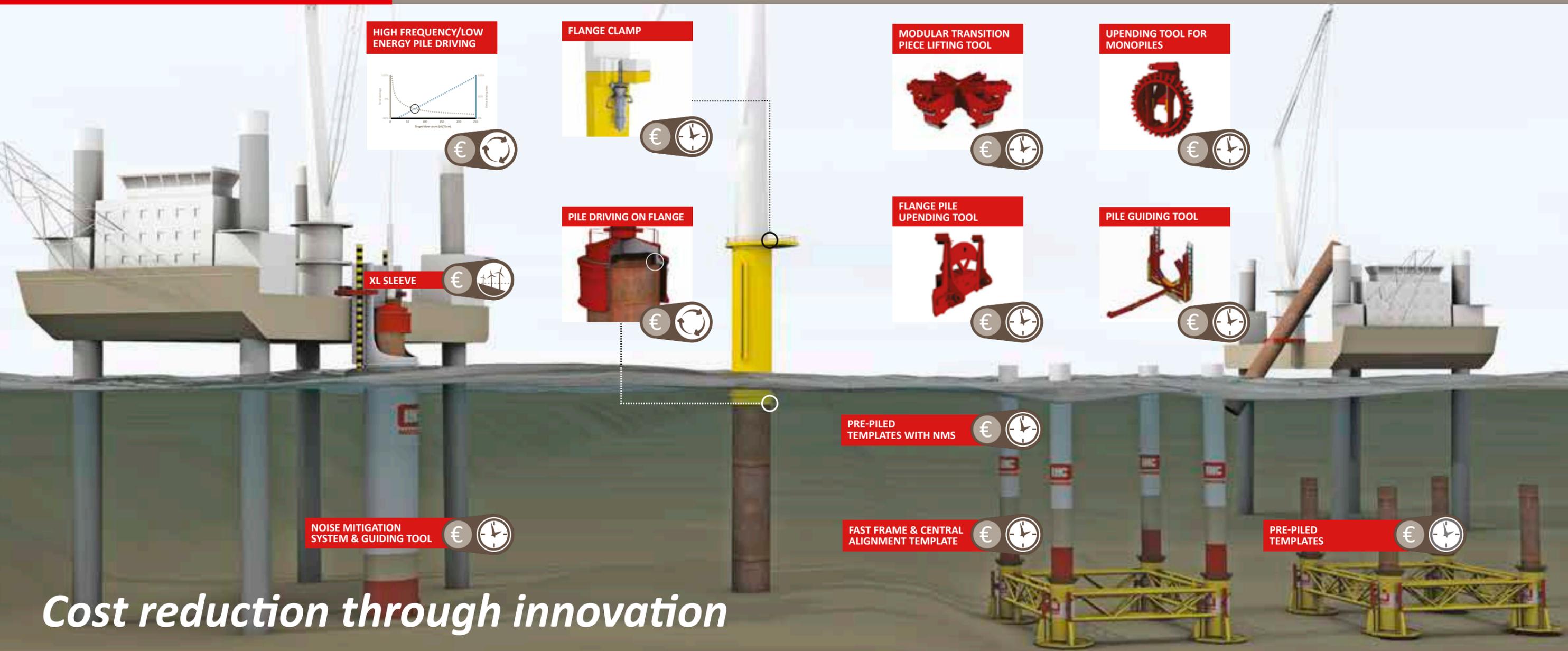
Smart solutions with one-off engineering For more complex challenges, one-off engineering is the only way to get the job done. Innovation thinking in terms of solutions for our customers is deeply entrenched in our company's culture. IHC IQIP partners with its clients to solve their challenges and develop tailor-made solutions to meet its clients' specific demands.

Intelligent equipment With our vast experience and innovative capabilities, we are able to develop equipment that constantly raises the standard in the market or we are even able to create

completely new possibilities. Our intelligent equipment satisfies the latest requirements and demands in the market.

Outstanding service IHC IQIP works alongside its clients to make sure that the day-to-day running of IHC equipment is uninterrupted. We offer a range of services for our clients in order to achieve their goals. Services include easily obtainable spare parts for every installed system, supporting and training of crew members locally, the assistance of specialists for other supporting operations and condition monitoring of vital on-board systems.

Rental and lease We realize that short-term projects do not always justify the purchase of equipment. That is why we also offer our clients the option to rent or lease equipment. In this way, customers benefit from using state-of-the-art equipment that is in an excellent condition without facing large investments, maintenance costs and depreciation. Rental equipment is prepared for the required job at our facilities. We also offer the possibility to send one of our service engineers along to assist.



Cost reduction through innovation

How we do it

One integrated approach Doing business with one company instead of several companies means less risks and lower costs for our clients. IHC IQIP provides its clients with one integrated solution which meets demands and works properly.

Reliability is key Thanks to the years of experience that IHC IQIP has built up with projects in offshore oil & gas, offshore wind and the coastal and civil market, our equipment and solutions are of the highest standard in the market. Our clients can rely on our excellent track record of qualitative solutions and on-time project completion.

Proven technology As the offshore industry ventures into more challenging environments, the quality and reliability of equipment becomes even more important. Our equipment and solutions have demonstrated that they hold their own in challenging environments. Our proven technology makes us the preferred supplier to the offshore industry where only the best is good enough.

Innovative equipment IHC IQIP is a market leader for onshore and offshore equipment and renowned for its efficient, innovative and cost-effective solutions. Our continuous investments have led to numerous new and revolutionary products.

Smart and tailored solutions Our supply of standard equipment combined with our ability to offer tailor-made solutions has resulted in an outstanding reputation as a manufacturer of custom-made equipment. We will help your business to reach its potential with tailored solutions that match your needs.

Largest and diverse rental fleet Most of the equipment used in onshore and offshore sites is high-end, very expensive or has to be available immediately. Renting instead of buying enables our clients to manage their inventory efficiently. IHC IQIP has the largest and most diverse rental fleet worldwide. And because of our 'act global, think local' policy, the right equipment is almost always available and near to your project.

Act global, think local In the on- and offshore industry the saying 'time is money' could not be closer to the truth. Every minute of delay comes with a high price. IHC IQIP combines its worldwide reach with a strong local presence. This ensures us that our clients have access to the necessary service, support and materials. A network of dealers with whom we have a continuous relationship strengthen our local on-the-spot availability.

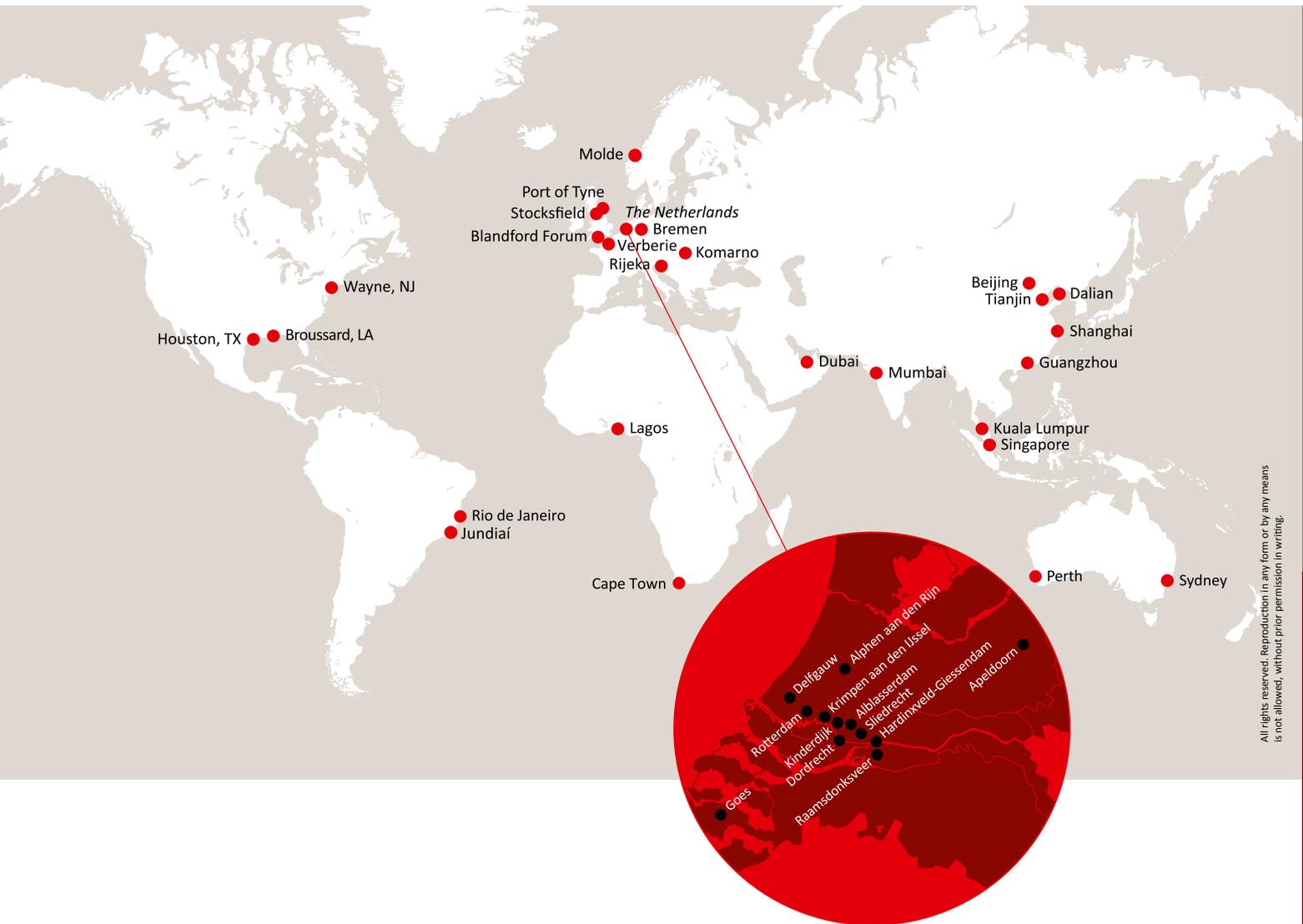
Let us meet

By integrating our four well-known business units and combining their vast expertise and experience, we have taken the next step to serve our clients with advice, intelligent equipment and smart solutions. We will continue to develop our company from a supplier of equipment into a partner that stands beside our clients by knowing and answering their questions and adding value through specialized and advanced solutions.

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