



SHIPREPAIR & CONVERSION TECHNOLOGY

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WORLDWIDE TURBOCHARGER SERVICE AND PARTS

DRIVE FOR PERFECTION

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Hydrex performs operations all over the world

The services the company has carried out range from routine inspections and maintenance all the way through to highly technical major repairs

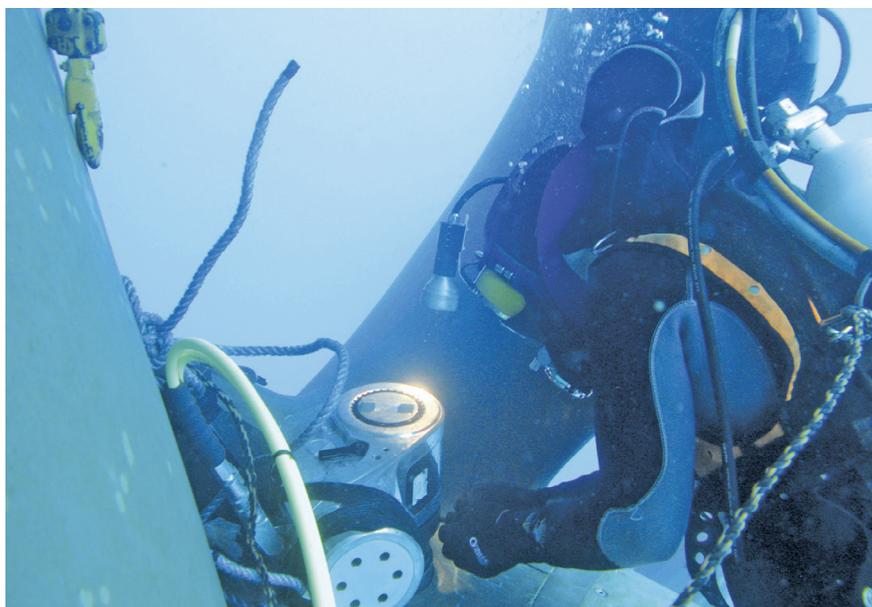
In a period of only 10 days Hydrex diver-technician teams recently flew across the globe to perform a wide range of underwater operations on five different continents.

Among these jobs were two welding operations in the US, a propeller blade replacement in Bermuda and an azipod thruster operation in Japan. A stern tube seal repair and a spinner cone replacement were performed in Singapore, while a hull repair was carried out in Uruguay and a cofferdam operation was completed in India. Hydrex diver-technician teams also performed a doubler plate repair in Belgium, underwater cleaning work in the US and the Bahamas on vessels coated with the Ecospeed hull coating system, and hull monitoring surveys in Spain, Gabon, the Netherlands, and Equatorial Guinea.

A further recent project took place in the Indian Ocean where, with all five blades of its propeller severely bent, a 290m container vessel needed a fast, on-site solution to restore the propeller's balance and efficiency. Hydrex diver-technicians were mobilised to the ship's location in Diego Garcia to perform a cold straightening of the blades.

Part of the team started the repair part of the underwater operation with grinding work on the blades to remove the cracks. Once this was done the locations were smoothed to create a hydrodynamic profile on the trailing edges. Meanwhile, the rest of the team also entered the water and prepared the in-house developed hydraulic cold straightening machine for the straightening operation. The divers carefully positioned the machine over the bends of the trailing edges of the first

All Hydrex divers go through stringent training, allowing them to perform the wide range of underwater services the company offers



A Hydrex diver-technician during a propeller blade replacement in Bermuda

