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# TALLERES INDUSTRIALES EMBRACES ROBOTICS FOR UNDERWATER HULL CLEANING



Talleres Industriales continues to invest in innovation and robotics to make ship maintenance faster, safer, and more efficient for our clients. Our latest addition is the Trosvik Oceantech Multi-Cleaner ROV, a state-of-the-art system developed in Norway by the Trosvik Group.

This advanced ROV delivers effective solutions for heavily fouled vessels at the Atlantic anchorage of the Panama Canal as well as in nearby ports. Equipped with super magnets and vertical thrust, the Trosvik Oceantech multi-cleaner stays firmly in position during operations.



The ROV booster thruster allows cleaning even in strong currents, making it possible to remove barnacle growth up to 50mm thick while working against currents of up to 2 knots.

This robust design ensures reliable performance in challenging environments such as Cristobal outer anchorage. The new ROV has been installed on our diving supply vessel Don Eloy W, enabling hull cleaning operations at the outer anchorage whenever weather permits. It will also serve vessels at MIT, Evergreen, and PPC terminals, while ships are loading, unloading, as well as Cristobal inner anchorage while waiting for Panama Canal transits.



With a team of skilled and certified ROV operators, Talleres Industriales is ready to make this project a long-term success for the regional and international shipping community.



At Balboa, Talleres continues operating the HullWipper ROV, a specialized system designed to "pamper" vessel paintwork by removing slime and grass without damaging coatings.

Together, these complementary technologies ensure that Talleres can manage both light fouling and heavy barnacle growth across Panama's most strategic anchorages.

With this investment, Talleres Industriales reinforces its position as a global leader in underwater ship repair and maintenance.

