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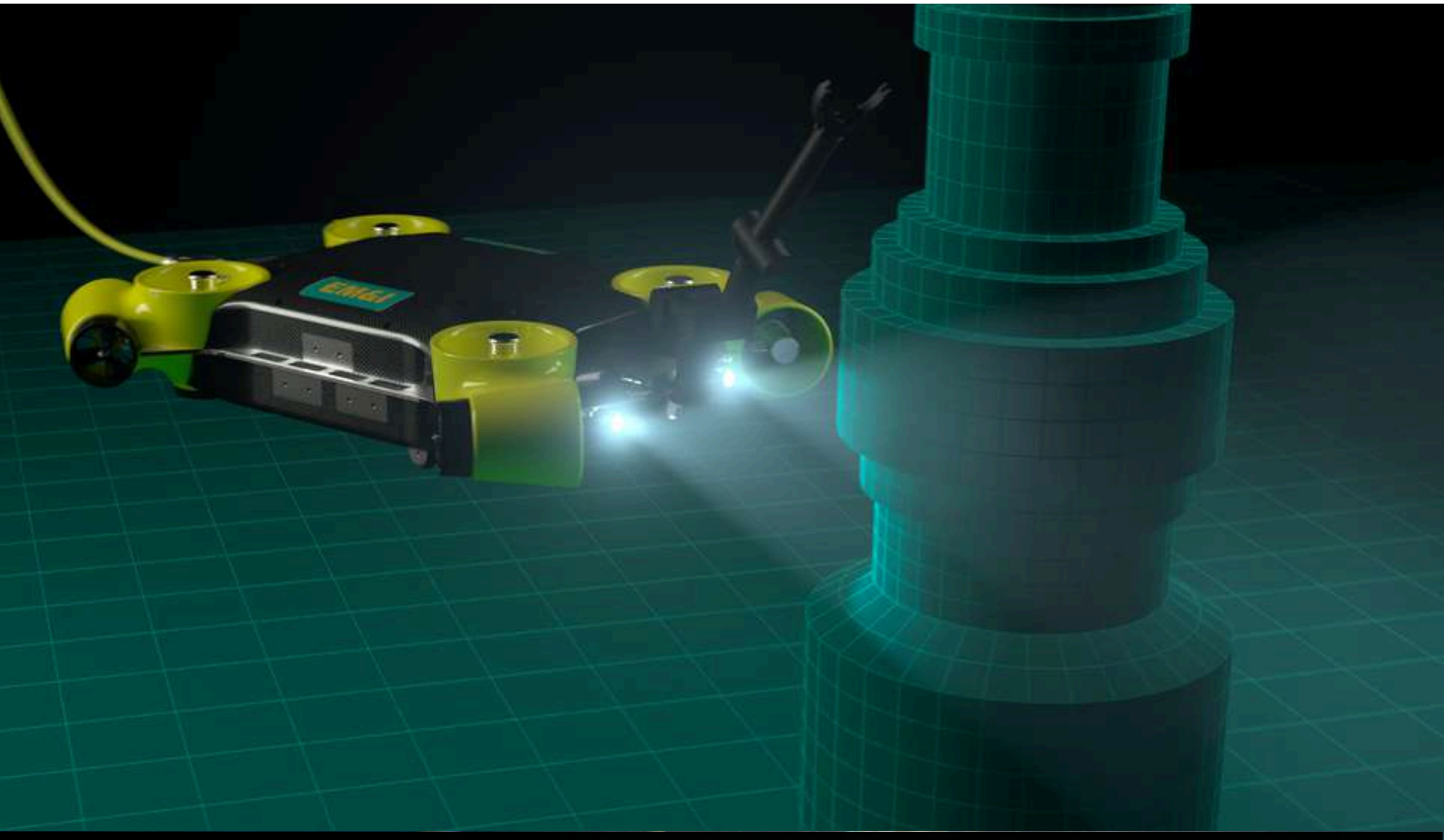
# KING CRAB™

## The Revolutionary ROV



Underwater cleaning, inspection, and maintenance near a moving hull demand power, stability, and precise control. Swell, currents and vessel motion hinder conventional ROVs, causing downtime. Work-class ROV systems add cost, logistical complexity, entanglement, and impact risk.

KING CRAB is a new class of ROV system purpose-designed for this environment. Its advanced hydrodynamic design and three-phase power system deliver more than double the effective thrust with only 40% of the drag of typical market-leading inspection-class ROV systems.

Advanced controls provide six degrees of freedom for stable positioning at any pitch and roll angle. KING CRAB free-swims or operates as a hover crawler, anchoring electromagnetically to ferromagnetic structures. State-of-the-art semi-autonomous navigation supports accurate defect mapping.

Compact and lightweight, KING CRAB launches from installations, support vessels or USVs. Vertical launch and recovery extend operating windows in high swell, while its power system supports near-limitless tooling, rethinking what an ROV of this size and form factor can do.

STARFISH™ and EM&I's remote-controlled tether-management system enable remote operation with just two offshore personnel, supported by onshore pilots and technical teams.

KING CRAB is part of a multi-phase technology roadmap to deliver full autonomy, DEEP CRAB, capable down to 3,000 m, and advanced Unmanned Surface Vessel (USV) integration.

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KING CRAB

Doc. Ref.: 26.CSS.BDM.580 | Rev: 0 | Issue date: 10-Sep-2026