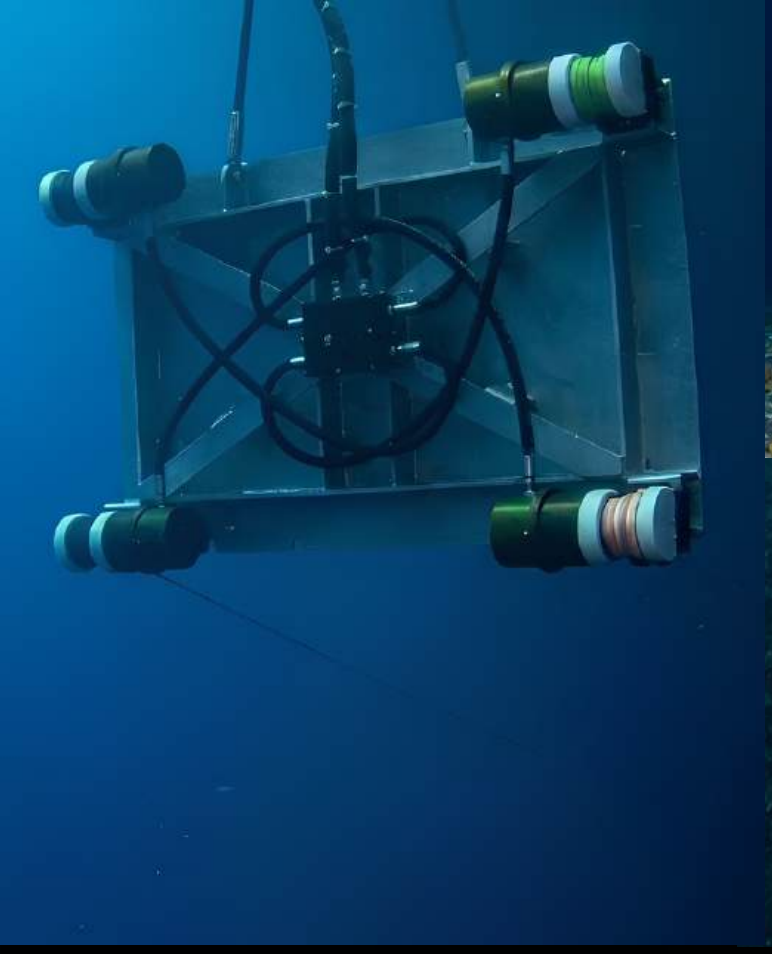
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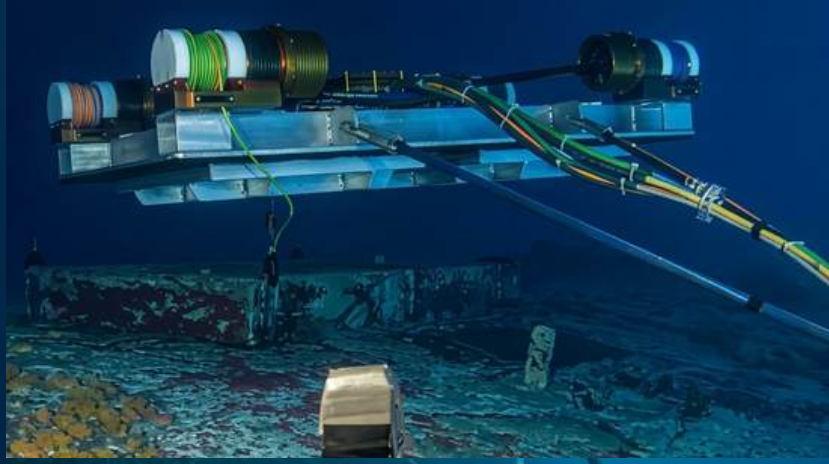
Delivering Integrity



LIMPET™

Intelligent Sea Chest blanking







Repairing or replacing a faulty sea valve or associated piping requires the sea chest to be isolated from the surrounding seawater.

Sea chests vary in size, shape and external fittings, and a single sea chest can supply several intake lines. These differences make fitting external blanks challenging.

Conventional blanking requires divers or work-class ROVs to position and secure heavy mass blanks, creating operational complexity, risk, cost, and personnel on board (POB).

The LIMPET intelligent sea chest blanking system provides a fully diverless alternative, with a range of attachment solutions to accommodate different coaming designs, coamingless sea chests, and sea chests recessed into the hull in any location on the hull.

An inspection-class ROV connects the pull-in lines using the appropriate attachment mechanism. Remotely controlled, synchronised winches mounted on the blank then draw it against the sealing face.

Winch tension establishes the initial seal allowing the sea chest to be drained. The resulting pressure difference creates a hydrostatic seal, holding the blank securely in place. Once the isolation is verified, the repair work can proceed.

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