



Rescue and Workboat – Davits

The award winning, Caley Davit is recommended around the world as the premier solution for safe deployment of rescue and workboats.

With over 250 systems in operation, and 18 years continuous product development, the Davit is guaranteed for Sea State 6 operation in most applications. The system is able to handle all leading rigid inflatable boats (RIB) and workboats weighing up to 3.5Te, and can be readily adapted to suit almost any vessel arrangement.

The Caley Davit system comprises a davit with associated towing boom, central hydraulic power unit and controls. Held in the davit's integral secure stowage boat cradle, RIB launch and recovery operations are controlled from a single control station, mounted fore of the davit, allowing the operator a clear view of the davit boat and towing boom.

Rapid Launch

Speed of workboat launch is critical. The Caley davit allows the boat to be held away from the vessel side with the crew on-board, ready for launch – allowing the RIB to be launched in just 8 seconds.

Boat Recovery

Crew safety is paramount to the davit's handling system which features anti-pendulation control for pitch and roll damping and reduction of pendulum swing. The Caley davit system uses an optimised docking head and towing boom design. During boat recovery, the towing boom positions the boat under the davit, eliminating boat yaw. Light auto tension winch control eliminates snatching during recovery at high sea states, while lifting the boat away from the side of the vessel. In this way Caley is the only company to obtain a IMO 'Heavy Weather Certificate' at 35 knots and sea state 6, meeting IMO / SOLAS (Safety of Life at Sea) requirements for launching rescue vessels in high sea states.

- Sea State 6 certified
- Compliant with SOLAS, US Coast Guard, exceeds IMO Requirements.
- Bureau Veritas, Lloyds, DNV
- Over 250 Davits installed with the world's leading navies and offshore patrol authorities.



Case Study | Davits

Caley Davits for new Irish Navy offshore patrol vessel

Caley Ocean Systems has been awarded a contract by Babcock, to supply rescue boat davits for a new offshore patrol vessel for the Irish Naval Service (INS).

The all-weather Caley davits are designed for rapid deployment, enabling boats to be held in readiness and launched in seconds, even in Sea State 6 (5 metre (16ft) significant waves) conditions. Crew safety is paramount to the davits handling system which features anti-pendulation control for pitch and roll damping and reduction of pendulum swing. During boat recovery, the towing boom positions the boat under the davit, eliminating boat yaw, while light auto tension winch control eliminates snatching during recovery.

The Caley systems for the INS patrol vessel comprise two C-frame davits with associated towing booms, central hydraulic power units and controls. Each C-frame davit is designed to perform the launch and recovery of a rigid inflatable boat weighing up to a 4.5Te SWL. Stored in the davit's integral secure stowage boat cradle, launch and recovery operations are controlled from a single control station, mounted aft of the davit, allowing the operator a clear view of the davit boat and towing boom.

Caley davits are already used on a number of Irish Naval Service ships including: the Roisin class offshore patrol vessels Long Eirennach (Irish Ship) Róisín and LE Niamh, and offshore / helicopter patrol vessel LE Eithne.

With over 200 systems in operation, and 15 years continuous product development, the award winning, Caley davit is able to handle all leading rigid inflatable rescue boats and work boats, and guaranteed for sea-state 6 operation in most applications.

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