



FIBRELIGHT® MCR CRADLE

The Fibreight® Mass Casualty Recovery (MCR) Cradle is a purpose-designed maritime rescue system developed for the rapid recovery of multiple casualties from the water. Designed for operation from a vessel-mounted deck crane, the MCR Cradle enables horizontal casualty recovery, reducing the risk of further injury while improving recovery efficiency during mass rescue operations. Built upon the proven technology of the Fibreight MOB Recovery Cradle, the MCR Cradle combines lightweight construction, exceptional strength and ease of deployment, making it suitable for offshore support vessels, coastguard services, emergency response organisations and many other operators.



KEY FEATURES:

- Rapid recovery of multiple casualties
- Horizontal casualty recovery to minimise medical complications
- Lightweight yet robust construction
- Compact design for efficient storage
- Highly manoeuvrable during deployment
- Adjustable ballast system for improved water stability
- Minimal maintenance requirements
- No annual manufacturer servicing required
- 3-year manufacturer's warranty
- Custom lengths and widths available to suit vessel requirements

APPLICATIONS:

The Fibreight MCR Cradle is suitable for:

- Offshore support vessels
- Wind farm service vessels
- Coastguard organisations
- Harbour and ocean-going tug boats
- Emergency response vessels
- Government rescue agencies
- Naval support operations
- Mass evacuation and rescue scenarios

STANDARD EQUIPMENT:

- Fibreight MCR Cradle
- Crane lifting attachment
- Adjustable ballast system
- Stowage cover
- Operating instructions

Published manufacturer information references:

- UK Patent Application: GB1322903.4
- International Patent Application: PCT/GB2014/053823
- Design Registration (IPO): 4028064

The MCR Cradle is suspended from a vessel's deck crane and lowered into the water alongside casualties. Once positioned, the semi-flexible cradle is manoeuvred beneath personnel in the water, allowing several casualties to be recovered simultaneously in a horizontal position before being lifted safely back onboard.

The system is designed to minimise handling effort while maximising casualty safety during recovery.

The MCR Cradle is manufactured using:

- Glass Reinforced Plastic (GRP) support rods
- High-strength flanged tubular webbing
- Patented Wislock® structural webbing construction
- Corrosion-resistant materials suitable for marine environments

The construction has been tested for resistance to:

- UV exposure
- Thermal ageing
- Weathering
- Oil contamination
- Marine operating conditions

TECHNICAL SPECIFICATIONS:

- Width: Custom
- Length: Manufactured to customer requirements
- Weight: 350kg approx.
- Deployment method: Vessel-mounted deck crane
- Recovery Method: Horizontal recovery
- Inspection Requirement: Monthly visual inspection
- Annual Manufacturer Servicing: Not required
- Warranty: 3 years
- Certification: DNV



Routine maintenance requirements are minimal and consist primarily of:

- Monthly visual inspection
- Cleaning with fresh water after marine exposure
- Inspection of webbing, lifting points and structural members before deployment
- Replacement of damaged components in accordance with manufacturer recommendations

No scheduled annual manufacturer servicing is required under normal operating conditions.

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