



# KSTRONG MARINE VESSEL FALL PROTECTION SOLUTIONS





### **Disclaimer**

The information provided in this User Instruction is based on the technical data that KStrong obtained under laboratory conditions and believes to be reliable. KStrong does not guarantee results and takes no liability or obligation in connection with this information. Since conditions of end-use are beyond our control, it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their specific end-use conditions, at their discretion and risk. Please ensure that this information is only to check that the product selected is suitable for the intended use. Any product that is damaged, torn, worn, or punctured should be discontinued from usage immediately.

# MARINE VESSEL FALL PROTECTION SOLUTIONS

## Introducing KStrong's Marine Vessel Fall Protection Solutions:

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At sea, safety is paramount, marine workers are exposed to numerous fall hazards, the risks of which are heightened by moving waters below. Fall protection solutions for ship safety must account for the complexity of floating vessels, the effects of rain, slippery surfaces, wind, extreme heights, swell and the location of nearby structures that can make installation difficult. When considering the types of tasks that involve working at heights at sea, images of tall masts and deep cargo holds often spring to mind. However, numerous tasks at sea involve working at heights. Falls can occur anywhere on a ship, such as, ladders, gangways, over the side and stairs in machinery spaces.

That's why KStrong has developed a Marine Vessel Fall Protection solution tailored to address the unique challenges encountered on board vessels. Our approach begins with a deep understanding of common problems and extends to providing practical assistance with work methods, equipment supply, and training. Here's how we can ensure safety at every step:

### Benefits of our Approach:

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- Minimized equipment requirements, reducing costs and complexity.
- Reduced commitment for inspection and maintenance, ensuring efficient operations.
- Simplified staff training through standardized solutions, enhancing safety awareness.
- Improved staff safety with easy-to-implement controls.
- Easy transferability between vessels within a fleet, facilitating seamless operations.

### Why Choose Us:

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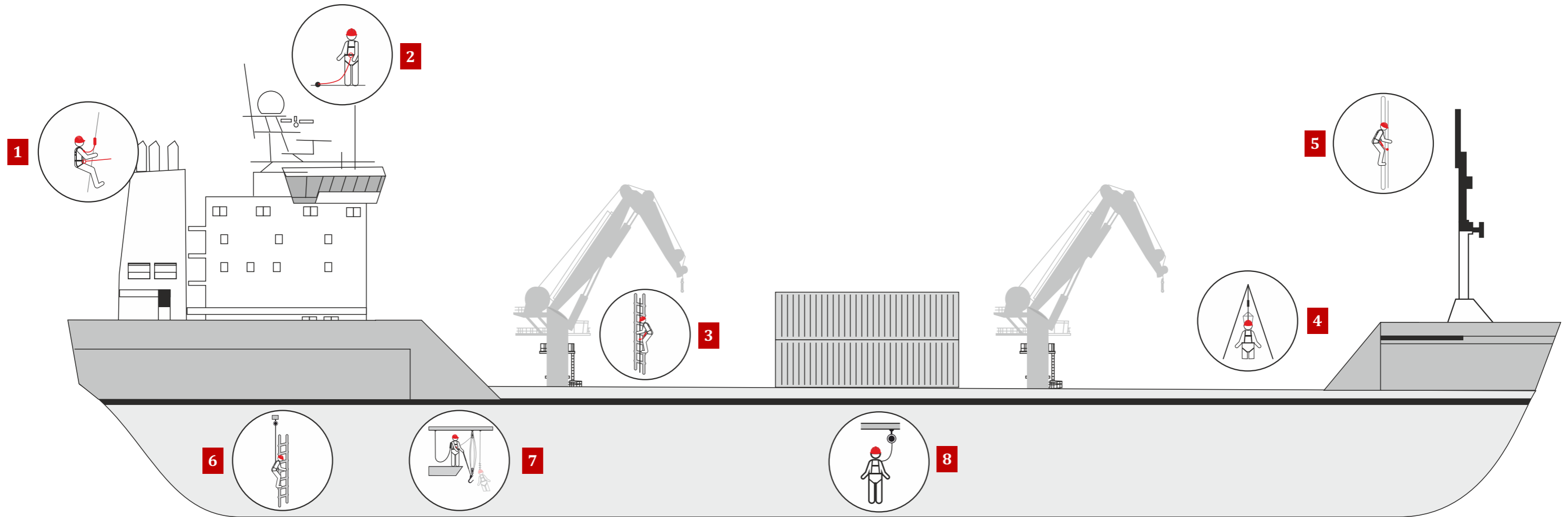
- Our solutions prioritize safety without compromising efficiency.
- We understand the unique challenges of maritime environments and tailor our solutions accordingly.
- With our expertise, you can protect your crew and your business, ensuring peace of mind at sea.
- Ensure Safety at Sea with Our Marine Vessel Fall Protection Solutions.



# MARINE VESSEL FALL PROTECTION SOLUTIONS

## Access: (refer 1,2,3,5,6 & 8)

- Climbing masts, antennas, and crane structures for maintenance and repair can be carried out by using the correct fall protection equipment such as using existing ladders with fixed line systems or climbing with Self retracting lifelines, Twin Lanyards or adding a temporary vertical lifeline.
- In ship engine rooms, when fall protection is needed for maintenance near machinery, it's crucial to select the appropriate equipment and methods. This is because of the limited space below the worker and the necessity for thorough planning for rescue and worker recovery.



## Restraint: (refer 2)

- Any situation where access to the work can be achieved entirely on a working surface such as gangways, platforms with secure footing and without exposure to a fall provided that the equipment is correctly adjusted to suit the work to be carried out.














## Confined Space: (refer 4)

- Marine vessels contain many confined spaces like cargo holds or tanks where workers may need to inspect or maintain. If there's no easy access, confined space equipment allows workers to enter safely, knowing they can be raised or lowered as needed.

## Rescue: (refer 7)

- In case of a fall, it's essential to have a rescue plan in place to safely descend or ascend or be rescued without putting the user or colleagues at risk. Types of rescue methods include rope rescue kits, tripods, and davit systems. These systems are designed to facilitate safe and efficient rescue operations in various scenarios.

# OUR PRODUCT SOLUTIONS

Products	Image	Access (1,3,5,6 & 8)	Restraint (2)	Confined Space (4)	Rescue (7)
AFH300704 Extreme WorX Harness c/w Stainless Steel fittings and Endure Guard Webbing (Oil & Water resistant)			✓	✓	✓
AFH300704 Extreme WorX Harness (c/w work position belt) c/w Stainless Steel fittings and Endure Guard Webbing (Oil & Water resistant)		✓	✓	✓	✓
AFL408845 Extreme WorX Twin Lanyards 140kg with Aluminum fittings and Endure Guard Webbing (Oil & Water resistant)		✓			
AFL406601 Restraint Lanyard Twin Leg 12mm Twisted Rope 1.8m		✓	✓		
AFL405211 Pole Strap 2m c/w Aluminum hooks and protective sleeve			✓		
SRL's with Stainless Steel Cable (6m - 30m)		✓	✓	✓	
Sealed SRLs (10m -30m)		✓	✓	✓	
AFA920015 Anchor Slings (1.5m) c/w Back Pad & D Rings both Ends		✓	✓	✓	✓
AFA9511201 Temporary Vertical Anchorage Line 20m		✓			
AFT710007HD Tripod (7ft)				✓	
AFT751080 Pole Hoist (suitable areas with limited height)				✓	
AFS510020R 20M Rescue Retrieval & AFT710007UR bracket (can be supplied in 30m) will fit Tripod or Pole Hoist				✓	
AFX209001 Rescue Kit					✓



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USA

South America

Asia

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