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Understanding Lloyd's Register 2024 Lifting Code: What Shipyards Need to Know

October 28, 2024: The Lloyd's Register Code for Lifting Appliances in a Marine Environment (CLAME) Code Notice 2 introduces several key updates that will affect shipyards looking to install shiplift and transfer systems. These changes focus on enhancing safety through a risk-based approach, particularly addressing "single points of failure" in the load path by requiring either redundancy or the application of risk factors.

A comprehensive **Q&A video** featuring **Robert Taylor, the leading expert on vertical ship lift systems**, delves into the specifics of these changes. Taylor breaks down what shipyards need to know about compliance, different methods of defining system capacity, and how the new regulations will affect shiplift designs moving forward. He also explains how shiplift systems are now subject to mandatory risk assessments. Shiplift systems are generally classified as Risk Class 2 or "High Risk" lifting applications due to the potential for damage to both the vessel and the lifting appliance.

To view the video, visit [Lloyd's Code - Bardex Corporation](#).

For winch-based systems, these updates will necessitate significant redesigns, such as adding secondary braking systems and increasing the size of wire ropes and motors.

No Changes Required for Bardex® Systems

While these changes will impact wire rope designs, the Bardex® exclusive **OmniLift™ line of shiplift systems remain unaffected**. Due to the inherent design of chain jack systems, they do not have the single-point-of-failure concerns that the updated code seeks to address. This makes Bardex® systems an ideal solution for shipyards looking for safe, reliable, and compliant lifting systems—without needing extensive, unproven redesigns.

Learn More from the Experts

Watch our Q&A to get an in-depth look at how the changes will affect shiplift installations and discover why Bardex® is leading the way in compliance and safety. Rob Taylor brings decades of experience in engineering design and safety, providing valuable insights that shipyards won't want to miss.

To view the video, visit [Lloyd's Code - Bardex Corporation](#).

About Bardex: Bardex® provides novel engineering insights and designs, prototypes, and manufactures proprietary equipment to solve the marine industry's heaviest challenges. For over 60 years – and 300+ projects for shipyards, ports, and the offshore energy industries, the Bardex mindset has always been to be a trusted, collaborative partner whose first step in any project is to understand exactly what the client needs to accomplish. That approach has produced more than 20 patents, many repeat clients, and countless innovations that make the seemingly impossible possible, while improving safety, efficiency, and our clients' profitability for a diverse range of applications. Bardex facilities are ISO 9001, ISO 14001, and ISO 45001 certified. To learn more, visit <https://www.bardex.com> , and follow them on LinkedIn to stay in touch.