CASE STUDY

RNLI

REQUIREMENT

The client's requirement was to safely and swiftly launch and retrieve an 18 Tonne emergency response rescue vessel in all weather conditions and beach terrains while minimising the number of personnel needed.

BRIEF

The client sought out SC Innovation for our renowned expertise in innovative engineering design and manufacturing. We are particularly known for producing rugged, automated equipment with high mobility.

SOLUTION

SC Innovation was selected to design and build a prototype system to meet the client's specific requirements after presenting a series of concept designs. The Launch and Recovery System was put through extensive collaborative trials and proven to be highly capable. Further refinements were made, and 15 production systems were delivered over eight years.

Our partnership with this renowned client continues, as we provide ongoing in-service support and further capability enhancements for the Launch and Recovery System, with the client making more systems themselves from the comprehensive drawing pack we created for them.

Our solution ensures the secure and efficient launch and retrieval of an emergency response rescue vessel in any weather conditions and beach terrains while minimising the required personnel for optimal safety, cost-effectiveness and reliable performance.

Our team is currently focused on creating design proposals that will aid the client in achieving carbon net zero operations by 2035.

"SCI have supported us well over the years with the development and implementation of a highly specialist, amphibious launch and recovery vehicle. The team are well-equipped to tackle a broad range of engineering problems, and throughout their design process, clearly communicate possible solutions to meet our requirements. The quality of technical work produced is consistently delivered to a high standard focusing on safety and quality which is exactly what we require for our operations."

Jamie Chestnut
RNLI