

Submarine Sea Trial Support

From time to time we are called in to help create solutions for challenges that are unique – supporting a submarine sea trial project was one such.

Application

- Submarine Sea Trials

Challenges

- Customised lifting solution required

Our Service

- Site Inspection & Lift Plan
- Engineered Solution
- Modified LARS
- Lifting Operation

Benefits

Client able to launch device and complete submarine sea trial

Location

Asia



Case Summary

Our client has to conduct sea trials for a submarine at a large naval base in Asia. During the sea trials a series of tests are to be carried out – one such test required the launch of a specially built device from a top-side vessel. However the vessel itself did not have a launching system, therefore Thunder Cranes were invited to this project to provide a customised lifting solution.

Timeline

4 weeks from structural analysis of the vessel, to installation and load testing of the equipment. The installation was completed 3 days prior to sea trials.

Outcome

The challenge was to come up with a customised lifting solution to launch the client's equipment from the vessel – for this particular project we used a modified LARS (launch and recovery system) fitted with a Thunder Cranes winch and welded to the deck of the vessel. The solution was provided and our client was able to complete the sea trial successfully.