

**Client:** Crane Inspection Services by

**Location:** Aberdeen Harbour, Scotland

**Date:** March 2005

### **Project Specifics:**

The lifting equipment on board the British registered Sealion Shipping dive support vessel, Toisa Polaris, was given the all clear after Water Weights completed the proof load testing of its lifeboats and cranes.

Four lifeboats, giving cover to 104 personnel port and starboard side, and a 250 tonne crane were tested over two days.

To simulate their full working load and proof load, the lifeboats were each loaded with 375kg water bags before being launched and lowered over the side of the ship. This procedure must be carried out at least once every five years to maintain the integrity of the lifeboat.

The offshore crane required a load of 275 tonne to be applied as 10% more than safe working load is needed for proof load testing cranes of this capacity. Eight 35 tonne water bags, rigged with a spreader beam, were used to achieve the load. Cranes must undergo proof load testing every four years.

### **Client Feedback:**

Nico Groot, Inspector at Crane Inspection Service by, said, 'I am delighted with the work carried out and with the excellent support we enjoy from Water Weights with all the overload tests'.



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