

Case Study

**Stena
Holyhead
UK**



Project Specifics:

Structural load testing of the upper and lower passenger walkways for the HSS ferry at Holyhead terminal was presenting a challenge to the project engineers at Stena Line. A total loading of 132 tonne (68 tonne per walkway) had to be applied with the ferry actually attached to the walkway. Work was carried out overnight to allow for the rapid tidal conditions and to cause no disruption to the sailing timetable. An extremely optimistic time window of 4.5 hours was allowed. Water Weights, using a series of specially designed flexitainers, manifold systems and extra pumping solutions completed the test ahead of schedule, in less than 4 hours.

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