



Stena Britannica

General:

This vessel was built for Stena by Hyundai Heavy Industries, Korea, in 2003. We carried out the Concept and Basic Design for two conversions.

The first in 2006-2007 involved lengthening the vessel by 29.3 m. For this we carried out the Concept and Basic Design for the Owner, which involved structural design of the new midship section, weight estimates, stability calculations, escape analysis and other statutory requirements. We then provided Detailed Design services to the shipyard, together with a site team to assist with coordination, inspection and project management. Floating calculations were also carried out to facilitate the handling of the sections.

The second conversion in 2010-2011 involved adding an additional accommodation deck. We again carried out Concept and Basic Design for the Owner, consisting mainly of structure, stability and statutory requirements. We also carried out steel inspection during the conversion.

Main Particulars:

Length.o.a.	240.09 m
Length p.p	226.45 m
Breadth moulded	29.3 m
Depth to main deck	9.5 m
Draught (design)	6.3 m
Deadweight	approx. 12200 t

Capacity:

No. of passengers	1300 pers.
Lane metres	4220

Miscellaneous:

Classification	LR
IMO number	9235517

Scope of Work:

Feasibility and Concept
 Basic Design
 Detailed Design
 Project coordination
 Site team
 Floating calculations and inclining experiment

Ref. No.:

KEH 05072