



CAPABILITY STUDY D

ANALYSIS & CALCULATIONS

Analysis and calculations form the backbone of any Ardmore Craig design work, with substantiation against recognised design codes incorporated into a Design In Principle document at the start of the project.

The team has experience with a wide range of international design codes selecting those appropriate to the bespoke design work and products which the company designs. Example of codes used include Lloyds, DNV, RMRS, British Standards, Eurocodes and ABS.

The team use a variety of analysis packages to back up hand calculations with wire frame and 3D models used where appropriate. Experience includes fatigue analysis, lifting studies, operational appraisals and sea-fastening calculations.



Lubrication
area

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DETAIL DESIGN

As an established design house, Ardmore Craig has experience in the detail design of a wide range of products and customised solutions for its client base having successfully completed hundreds of different projects and issued thousands of different designs.

The team has experience in mechanical and structural detailing including machined items, fabrications, moving assemblies and the interaction of hydraulics and control systems.