



## CAPABILITY STUDY B

## CHUTES & HIGHWAYS

**As part of the numerous lay spreads that Ardmore Craig has been involved with, our team has gained extensive experience with the design of chutes, cable highways and cable handling systems.**

Our designs are in accordance with 3rd party codes considering factors such as induced catenary tensions, wave loadings, modularity, installation procedures and vessel interactions.

In addition to the design and production of manufacturing drawings, seafastening arrangements and calculations can be provided for specific vessels.





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## QUADRANTS

As part of its cable lay experience, Ardmore Craig has designed a wide range of subsea quadrants and quadrant rail systems integrating these within other pieces of equipment in the deck layout.

Parameters such as spooling tensions, product diameters, minimum bend radii, catenary tensions and masses are all considered with the design of such systems undertaken against recognised third party codes.

Aspects such as modularity, rapid mobilisation, cable lay procedures and access & egress are also included within the design process alongside subsea quadrant operations. Detail design and analysis activities can be supplemented with operational cartoons and mobilisation support.

