



Providing design support for maritime, river & coastal construction

The Challenge

Civil and structural construction activities within marine environments present unique challenges related to logistics, tidal access, working at height and over water. Contractors therefore need permanent and temporary works solutions that are simple, fast and safe to construct, and also suit the contractor's skills and equipment.

Our Approach

With a team of staff with significant international site experience, we can advise on construction methodologies and design support to both nationwide and regional contracting organisations.

This covers; temporary works, conforming and alternative tender designs for D&C projects, full detailed design with integrated multi-disciplinary teams, and construction stage support.

We Deliver

We pride ourselves in providing clear deliverables and a rapid response to queries. We are CHAS registered, and Members of the Association of Project Safety.

Client Quotes

"As part of a framework contract for on-going support to the marine contractor / fabricator, Royal HaskoningDHV continue to provide market leading solutions and advice for temporary works and floating structures in the maritime sector."

"As a small independent company we were treated with first class service and back up – it was a pleasure to work with you."

"With professional, concise but full advice regarding all problems placed in front of them, Royal HaskoningDHV provided us with a First Class service and went out of their way to accommodate us in what has been an extremely challenging project."



Example Projects

- To assist with material deliveries to a congested site in Canary Wharf, London, we provided the design for an innovative floating road to provide access for 40t articulated multi-axle lorries.
- In Great Yarmouth, we designed temporary works to support a contractor installing two straight web cells to reduce the wave height within the harbour. Each cell was 20m in diameter and installed in a 400t single lift.

Our Areas of Expertise

- Temporary works design
- Cofferdams and piling
- Rock armour and quay walls
- Pontoon and barge stability/anchoring
- Limpet dams and underwater formwork
- Foundations, excavations, retaining walls
- Jetties and abutments
- AutoCAD drawing, 3D modelling & BIM
- Logistics planning
- Cat III independent design checks
- M&E works
- Environmental & licencing advice
- Emergency works

Our Clients

- VolkerBrooks
- McLaughlin & Harvey
- Kaymac Marine and Civil Engineering
- Sheet Piling UK
- JT Mackley & Co.
- BAM Nuttall
- VolkerStevin
- Southbay Civil Engineering

Services

Royal HaskoningDHV is renowned for planning, designing and supervising the construction of maritime works throughout the United Kingdom, Ireland and worldwide. This means that we can advise on robust, durable, safe and economical solutions to all types of construction challenges in the marine environment.

With our broad spectrum of knowledge and wealth of relevant experience, we are able to assist our clients through all stages of large and small projects – through construction stage, to commissioning, handover, defects and future maintenance.

We can offer support from our offices in Edinburgh, Newcastle, Liverpool, Peterborough, Haywards Heath and London.

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