# **Job Description**

**Job title: Principal Engineer – Marine Scour**

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| Main purpose |
| * Lead and further develop our portfolio of research and consultancy work in marine scour and seabed processes.
* Work with clients to understand their requirements while supporting the delivery of projects across both small- and large-scale experimental facilities as well as carrying out desk assessments of scour risk and developing scour protection designs.
* Provide technical expertise and guidance in sediment transport, scour, computational modelling and scour protection in the marine environment.
* Maintain and develop our growing business in the offshore wind market
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| Job specific duties |
| * Manage and undertake scour studies in both small- and large-scale experimental facilities
* Manage and undertake desk assessments of scour risk, and develop scour protection designs
* Manage and undertake data analysis, physical/numerical modelling and scour protection design
* Work with clients to understand their requirements
* Work with the team and regulators
* Write winning proposals
* Contribute to and lead reports
* Support other staff in delivery of proposals, reports, and the research programme
* Have a key role in growing our seabed processes work, both with existing and new clients
* Provide a supervisor role to more junior members in the seabed processes team
* Attend meetings with colleagues and client
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| Group | Coasts and Oceans |
| Reports to | Group Manager |
| Responsible for |  |
| Date agreed | Click here to enter text. |