



Head of Marine Operations

UKRI – NERC BGS

Lyell Centre, Edinburgh

£48,202 to £53,558 per annum (depending on qualifications and experience)

Full-Time – 37 hours a week

Permanent

About us

The British Geological Survey (BGS) is an applied geoscience research centre that is housed in UK Research and Innovation (UKRI) and affiliated to the Natural Environment Research Council (NERC). It is a world leading geological survey that provides a core science mission to inform government of science related to the subsurface and its interfaces and also undertakes applied research for solutions to earth and environmental processes, both in the UK and globally. It is funded directly by UKRI as well as through research grants and via private sector contracts.

BGS has an annual budget of approximately £60 million and employees 650 people. It has two main sites, a head office in Keyworth near Nottingham and the Lyell Centre, which is a joint collaboration with Heriot Watt University in Edinburgh. BGS works with more than 150 private sector organisations as well as having close links with 40 universities and sponsors approximately 100 PhD students each year.

BGS is seeking to appoint a highly motivated and experienced engineer to assume the role of Head of Marine Operations at our offices in Edinburgh.

Marine Operations is a team within the BGS Marine Geoscience Directorate that provides engineering services to support offshore geoscientific projects. The projects may be BGS-led, collaborative, or externally funded academic or industry projects.

About the role

With proven experience of and a passion for engineering and project management, your work will include:

- Maintain oversight of/delegate the project management of:
 - Deployment projects (surveys) using existing equipment – Rockdrill 1, Rockdrill 2, Vibrocorer and Gravity Corer.
 - Maintenance of the above equipment.
 - Design and development projects – Battery Vibrocorer, upgrading existing equipment, adding new capability to existing equipment (e.g. increasing autonomy, robotisation, artificial intelligence of RD2).
- Participate on offshore projects as required.
- Maintain oversight/delegate administration of training and certification of staff.
- Assess resources for potential and upcoming projects.
- Monitor Marine Operation's (MOPS) project budgets and expenditure.
- Responsible for all MOPS Health and Safety (risk assessments, safe systems of work, inspections, PPE etc.) with the assistance of BGS Health & Safety colleagues.



- Responsible for reviewing all contracts for projects involving MOPS, assisted by the BGS Legal Team and UK Shared Business Services.
- Represent BGS externally as the lead contact for BGS Marine Operations – attend conferences and client meetings, assisted by BGS Business Development colleagues and other MOPS staff.
- Represent BGS Marine Geoscience on the BGS Technology Forum.

You will also be expected to:

- Report to the Science Director for BGS Marine Geoscience.
- Liaise closely with the Team Leaders for Ocean Geoscience and Continental Shelf Geoscience – these are the two teams that make the greatest use of BGS MOPS, although other BGS areas may also access the facilities (e.g. Minerals, Volcanology, Seismology) as well as other research centres (e.g. National Oceanography Centre) and universities.

You will lead and manage Marine Operations to help deliver the team's business plan the overall strategy of the Marine Geoscience Directorate. This will include working with the team and Business Development colleagues to develop a plan to market the capabilities of the team to attract external revenue, which will enable the team to develop and maintain the skills and equipment for BGS Marine Geoscience, collaborators and clients.

You will lead and manage the MOPS Team, currently consisting of 9 members of staff who are electrical, mechanical and design engineers, and support staff. It is anticipated that the group will grow by 4-5 members of staff over the next 2-3 years. You will have direct line management responsibility for at least four members of staff.

Working with the Science Director for BGS Marine Geoscience, you will produce an annual operating plan and budget for MOPS. You will manage the Marine Operations facility within the George Bruce Building which is part of the Lyell Centre. Supported by BGS Estates and Marine Operations staff, you will manage the building, engineering workshops, yard space and office space. You may also have the opportunity to participate on offshore projects.

About you

It is essential that you have Chartered status, a broad knowledge of mechanical and/or electrical engineering and have significant engineering management experience. You should have spent at least 10 years in an appropriate position as it is likely that amount of experience is required to operate effectively in this role.

You should also have experience of managing staff and budgets and also of risk management. You should have excellent leadership skills and be an effective communicator, both verbally and in writing.

What we offer

A generous benefits package is also offered, including a very competitive pension scheme, childcare salary sacrifice scheme, 30 days annual leave plus bank holidays. Please note that any internal BGS staff applying for this post would, if successful, be appointed to new UKRI Terms and Conditions.



How to Apply

Applicants are required to include a cover letter outlining their suitability for this role. We would stress the importance of this paperwork in our selection process. **A well thought through application addressing the advertised essential and desirable criteria for the post will be considered far more favourably than a generic covering letter and CV.**

Applications are being handled by UK Shared Business Services, to apply please visit our job board at http://www.topcareer.jobs/Vacancy/irc245737_8392.aspx

Applicants who are unable to apply online should contact us by telephone on +44 (0)1793 867000.

Closing date for receipt of applications is **Sunday 29 July 2018**.

BGS provides a range of flexible working options including flexible working patterns, compressed hours and home working so if you have a need for flexibility, please raise this in the recruitment process when your needs, balanced with the requirements of the role, will be fully considered.

UKRI values diversity and welcomes applications from all sections of the community. People with disabilities and those from ethnic minorities are currently under-represented and their applications are particularly welcome. There is a guaranteed Interview scheme for suitable candidates with disabilities.

The British Geological Survey is an Investors in People organisation and has achieved Bronze status for Athena SWAN – a scheme that recognises an organisation's commitment and progress in developing a diverse and inclusive workforce.





Specific Skills Criteria

	<i>Essential</i>	<i>Desirable</i>
QUALIFICATIONS	<ul style="list-style-type: none"> • Must be Chartered (CEng) 	<ul style="list-style-type: none"> • University degree desirable, but likely given the essential Chartered requirement.
EXPERIENCE	<ul style="list-style-type: none"> • Engineering management experience – a minimum of 10 years' experience in an appropriate role to be able to demonstrate the level of experience required. • Project management experience • Supervisory/staff management experience • Budget management experience • Risk management experience 	<ul style="list-style-type: none"> • Experience in a marine engineering environment • Certified project management skills • Experience of computer aided facility management software • Contract management experience
KNOWLEDGE	<ul style="list-style-type: none"> • Broad knowledge of mechanical and/or electrical engineering 	<ul style="list-style-type: none"> • Knowledge of design engineering
SKILLS & ABILITIES	<ul style="list-style-type: none"> • Excellent leadership skills • Effective written communication skills • Effective presentation skills • Ability to adapt to changing priorities 	
PERSONAL QUALITIES	<ul style="list-style-type: none"> • Willing and able to travel off-site and abroad • Has the skills to build the MOPS Team and engender team spirit. • Personable and engenders the trust and respect of team members • Good communicator and an effective decision maker 	
MOTIVATION	<ul style="list-style-type: none"> • Demonstrates an interest in the work of BGS and applied marine research/work • Displays an enthusiasm for the role • Demonstrates curiosity and a drive to resolve technical problems to support applied science objectives 	<ul style="list-style-type: none"> • Demonstrates an interest in their own Continuous Professional Development

