

Job Description and Person Specification

Job Description	
Directorate/Group:	Location:
Directorate of Science and Technology, Ocean Technology and Engineering Group	National Oceanography Centre (NOC), Southampton
Post Title:	Grade:
Principal Investigator (PI)	Band 4 or 5
Post responsible to:	Posts responsible for (and grade):
Head of Ocean Technology and Engineering	None at post start, but expectation to aggregate and grow a team

Context or Background (optional):		
There is a need for additional PI effort to augment the existing team in the area of novel technology and its interface with stakeholders and funders.		
Job Purpose:		
To enhance grant capture in existing areas of research in technology and its interface with marine science and wider stakeholders, and to stimulate grow and deliver research income in new areas integrating geoscience and technology in the NOC's strategic interest.		
Expectations of the role:		
<p>To work with existing technology roadmaps and gain grant income to expedite their delivery. To identify new technology and science research areas that support NOC's strategic objectives and to stimulate and apply for research funding in these areas. To support the existing Ocean Technology and Engineering (OTE) team as a lead researcher and team player bringing expertise in specialist research areas within technology and expediting progress in both current and new research areas. To enhance outputs in this research area including but not limited to conference proceedings, journal publications, patents, documented techniques, hardware and software.</p> <p>A significant aspect will be developing and augmenting partnerships across the NOC's Directorate of Science and Technology (DST) including joint funding applications and projects as well as targeted technology developments that advance the science of the DST groups.</p>		
Key Accountabilities/Primary Responsibilities:		
% Time		
1	Stimulating funding opportunities through interaction with funding organisations (including industries)	10
2	Assembling consortia and teams to apply for funding opportunities (including multidisciplinary, multi-institutional and where appropriate multinational and / or industrial consortia)	10
3	Leading or contributing to writing and construction of bid submissions	40
4	Leading and undertaking research in specialist areas often together with the existing science and engineering teams	25
5	Delivering research outputs including but not limited to conference proceedings, journal publications, patents, documented techniques, hardware and software	15

Expectations of all staff:	
<ul style="list-style-type: none"> Comply with Research Council and NERC policies at all times, including Equal Opportunities Policies, and ensure that duties are carried out in accordance with relevant policies, procedures and guidance documents as directed by NOC. Promote and demonstrate a personal commitment to NOC values and People Strategy. Promote and demonstrate a personal commitment to Working with Respect – NOC Guidance. 	

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- Attend relevant seminars, workshops and training events and maintain professional development by completing CPD (Continuous Professional Development) appropriate to the role.
- Maintain a safe working environment by attending Health and Safety training as required and follow local codes of safe working practices and actively contribute to embedding a safety culture across NOC.
- Adopt and promote awareness of NOC's environmental aims and other initiatives.
- Carry out other duties within the scope, spirit and general purpose of the post and adopt a flexible approach to work.
 - As duties and responsibilities change this job description will be reviewed and revised in consultation with the post holder.
 - Undertake such other duties within the scope of the post as may be reasonably requested by your Manager.

Personal Specification			
Criteria (Please list 3 key essential/desirable criteria for each of the following categories)	<u>Essential</u> criteria to be measured for <u>shortlisting purposes</u> (Add ✓ where appropriate)	<u>Essential</u> criteria to be measured for <u>interview purposes</u> (Add ✓ where appropriate)	<u>Desirable</u> criteria to be measured where candidates may otherwise score equally on essential criteria. (Add ✓ where appropriate)
Qualifications and Knowledge:			
1	PhD or equivalent research experience in technology	✓	
2	Degree or equivalent qualification in technology or engineering or numerate science with technology content	✓	
3	Experience in the development and application of autonomous instruments for ocean/environmental observations.		✓
Experience related to position:			
1	Experience of leading funding bids For Band 4: Strong track record of grant capture	✓	✓
2	Experience of leading delivery of outputs including but not limited to conference proceedings, journal publications, patents, documented techniques, hardware and software	✓	✓
3	Experience of marine technology or related geoscience / environmental technology For Band 4: Leading the development of new technology	✓	✓
Skills:			
1	Elegant and compelling writing and presentation content and style		✓
2	Organised and documented intellectual	✓	✓

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	property laboratory and research practice			
3	Advanced research skills in relevant technology areas such as: optics, instrumentation, metrology, and / or environmental data generation		✓	
Behaviours:				
1	Ability to work well as part of a team, especially in a leadership role		✓	
2	Teacher and mentor of staff without experience of the specialist areas in which post holder is expert		✓	
3	Proactive in instigating funding opportunities and collaborations between internal and external partners		✓	
Other requirements:				
1	Willingness to travel nationally and internationally for fieldwork and dissemination			✓
2	Recognised as an expert in your field nationally (Band 5) and internationally (Band 4)	✓	✓	