



## Job Description

<b>Job Title:</b>	Electronics Engineer (Platforms and Sensors Development)
<b>Department:</b>	Physics, Sea Ice and Technology (PST)
<b>Responsible to:</b>	Deputy Head of PST and Principle Investigator in Embedded Systems Engineering
<b>Responsible for:</b>	Platforms and Sensors Development
<b>Full Time/Part Time:</b>	Full Time
<b>Open Ended/Fixed Term:</b>	Open Ended

<b>Job Purpose:</b>	To provide a broad range of engineering and related expertise to support and enhance the work of the technology development group.
<b>Principle Accountabilities:</b>	<ul style="list-style-type: none"> <li>• Take an active role in technology development as SAMS through close interaction with other scientist and technologists within SAMS and the UHI.</li> <li>• Take a pivotal role in developments for the SAMS Autonomous Underwater Vehicles (AUVs).</li> <li>• Take part in the general work of the marine technology group.</li> <li>• Follow all applicable Health and Safety guidance and regulations.</li> <li>• Professional development.</li> </ul>
<b>Main Duties:</b>	<ul style="list-style-type: none"> <li>• Support the SAMS Head of Technology and assist him/her in the management of group resources.</li> <li>• Participate in the preparation of grant applications and contract proposals.</li> <li>• Ensure wide dissemination of the achievements of the technology group at SAMS through an active involvement of the production of journal articles, conference papers and other publications.</li> <li>• Participate in a NERC-wide reassessment of technology directions and their delivery mechanisms.</li> <li>• Participate in student education and the public understanding of science through active involvement in undergraduate degree delivery, research student supervision, popular lectures and other open events.</li> <li>• Undertake the engineering and scientific development of the AUV platforms in conjunction with the AUV technicians and scientists.</li> <li>• Undertake the development and commissioning of sensor systems for use on AUV platforms.</li> <li>• Participate in data interpretation and publication.</li> <li>• Participate in fieldwork and seagoing as required.</li> <li>• Provide general technical, electronic, computing and equipment maintenance support for SAMS</li> </ul>

	<ul style="list-style-type: none"> <li>• Undertake teaching on UHI courses</li> <li>• Observe laboratory safety policy in line with statutory and other regulatory requirements.</li> <li>• Exercise a duty of care to self and staff</li> </ul>
<b>Scope &amp; Nature of Role:</b>	The Primary scope is to undertake all aspects of providing engineering solutions. This will include specification, procurement, design, testing, commissioning and deployment.
<b>Teaching Duties:</b>	Will assist as necessary on undergraduate courses
<b>Commercial Work Duties:</b>	Proactive in identifying and pursuing commercialization of products or services
<p>The post holder may be required to perform duties other than those given in the job description for the post. The particular duties and responsibilities attached to posts may vary from time to time without changing the general character of the duties or the level of responsibilities entailed.</p>	