

Job Description	
Principal/Product Engineer	
Overall Objective	<p>Working with the CTO, to contribute to the innovation and mechanical design of Cyclops's sensing devices for the sailing industry, and to take responsibility for their delivery into reliable, cost-effective and successful products.</p> <p>Deliver a high level of engineering support to the existing products in the market place.</p> <p>Align and thrive within the dynamic culture and values of the business</p>
Roles & Responsibilities	<p>Take ownership of the engineering performance of the existing range of products. Working closely with the supply chain, sales force and customers to ensure the products are performing consistently to a high level.</p> <p>Own the detail and accuracy of all sub-contractor documentation from drawing detail to assembly instructions. Conduct regular meetings with suppliers to ensure on-going quality and cost improvement.</p> <p>Develop quality assurance processes at every stage of manufacture to help ensure finished goods are consistently meeting the required quality standard.</p> <p>Own and maintain a continual cost reduction strategy, this will be set against specific goals.</p> <p>Work closely with operational team on supply deadlines.</p> <p>Give a high level of technical guidance to the sales force and customers.</p> <p>Own the performance of the company Apps, working with the market and sub-contractor to drive continual improvement.</p> <p>Maintain all customer technical documentation for the products, maintaining their equivalent in four languages, owning the quality of presentation on the 'Support' section of the website.</p> <p>Support the CTO on specific NPD projects, owning key aspects of the development.</p> <p>Spend time in the field assessing the performance of the products, working with the network of sailor ambassadors to drive a continual improvement strategy.</p>
Reporting to:	CTO

Candidate profile

Mechanical / electromechanical design engineer

Degree qualified, 2.1+ honours

Some industrial experience from automotive, marine or consumer durables

Passion for engineering, interest in sailing

Skill Requirement

Mechanical 3D CAD, modelling, parts, assemblies

Effective communication through engineering drawings

FEA for stress and thermal



Materials selection experience

Design for injection moulding and CNC

Rapid prototyping / rapid product development

Other Relevant Skills

Project management

Experience of 6sigma, including quality management

Experience of small to medium volume manufacture

Exposure to embedded electronics, software and metrology

Testing including HALT and harsh environment

Ends.