# **Job title:** Instrumentation Engineer

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| Main purpose |
| * Provide instrumentation support/advice to physical modellers and projects; * Deployment and recovery of instrumentation on projects; * Undertake internal calibration of instruments; * Configuration and set up of wavemakers; * Ongoing development of the Laboratory – control, data acquisition, technology |

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| Main duties |
| * Fault finding and problem solving – wavemakers and instrumentation; * Maintain the asset management system for all instrumentation that the Physical Laboratory current holds; * Ensure all instrumentation calibration records are maintained; * Undertake cost estimating for internal projects and development; * Communication with internal project managers and staff; * Support to all aspects of the laboratory workload as required; * Ensure and maintain safe working practises throughout the physical modelling facilities |

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| Job specific duties |
| * Deployment of wave probes, cables, pressure transducers, cables and associated logging equipment; * Ensure that stock of materials/consumables within the electronic laboratory is kept to sufficient quantities; * Produce documentation – calibrations, recovery of instrumentation; * Adherence to Health & Safety requirements relevant to laboratory environment and work; * Organise annual external calibrations by third party. |

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| Group | Physical Modelling |
| Reports to | Laboratory Manager |
| Responsible for | N/A |
| Date agreed | April 2024 |