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| Job Title | Hydrographic Surveyor |
| Business Unit | Aspect Land & Hydrographic Surveys Ltd – Part of the SOCOTEC Group |
| Location | Irvine, Ayrshire, Scotland |
| Reports to: | Hydrographic Survey Manager/Technical Manager |
| Purpose | To carry out high-quality hydrographic and geophysical surveys across inland, coastal, and offshore environments. The role involves operating advanced survey equipment, processing data, producing deliverables to client and industry standards, and contributing to the ongoing development of survey capabilities. |
| General  Responsibilities/Specific Duties: | * Plan and execute hydrographic surveys using single-beam, multibeam, and side-scan sonar systems * Operate advanced survey instruments including echo sounders, GNSS, magnetometers, and motion sensors * Process and analyse survey data using industry-standard software (e.g., QINSy, Qimera, Hypack, EIVA) * Produce high-quality survey reports, charts, and deliverables in accordance with client requirements and QA standards * Assist in the mobilisation and demobilisation of equipment and vessels for site work * Maintain and calibrate survey equipment to ensure operational reliability * Work collaboratively with multidisciplinary teams, including engineers and environmental consultants * Comply with all health, safety, and environmental policies and procedures * Support continuous improvement initiatives and stay informed of emerging technologies in the survey sector |
| Objectives | * Deliver accurate, timely, and high-quality hydrographic survey outputs * Ensure survey equipment is operated and maintained to high standards * Promote safe working practices both onshore and offshore * Support innovation and process improvement in survey methodology |
| Qualifications | **Essential:**   * Degree or equivalent qualification in Hydrography, Geomatics, Marine Science, or a related discipline * Full UK driving licence * Willingness and ability to travel and work away from home as required   **Desirable:**   * RYA Powerboat Level 2 (or willingness to obtain) * First Aid, Sea Survival, or offshore safety certifications |
| Competencies | * Basic experience in hydrographic or geophysical surveying (e.g., through work placement, internships, or employment) * Familiarity with hydrographic data acquisition and processing tools (QINSy, Qimera, Hypack, EIVA, etc.) * Some exposure to single-beam and multibeam bathymetric surveys * Strong communication and teamwork skills * Positive attitude, eager to learn and develop professionally * Comfortable working aboard vessels in a marine environment |
| Desirable | * Experience with side-scan sonar, magnetometers, or LiDAR * CAD/GIS experience (AutoCAD, QGIS, ArcGIS) * Awareness of survey QA procedures and standards (e.g., IHO S-44) * Basic project support or logistical planning experience |
| Mandatory Training | * Online Health & Safety Training Modules – provided by the company * Online HR Policies Awareness Modules – provided by the company |