

Job Opportunity

Transducer Design Specialist

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| Purpose of Job | Specialist sonar transducer and array engineer / scientist to support research programmes and product development |
| Reporting relationships | Reporting to team leader Array Technologies |
| Staff responsibility | None |
| Budgetary responsibility | As defined by WPA |
| Location | Dorset Innovation Park, Winfrith |
| Employment status | Permanent, full time (37 hours/ week) |

An exciting opportunity has arisen for a motivated and enthusiastic individual to join our successful and growing company in Winfrith, Dorset. ATLAS ELEKTRONIK UK together with its subsidiaries, is a technological leader in many sectors and has an excellent reputation. We have unique and unrivalled domain knowledge in weapon handling, mine-hunting, naval weapons and combat systems.

Scope

As an experienced transducer engineer this role will play an important part in successfully delivering AEUK's sonar projects. Projects will cover the full engineering life cycle, from novel research, through to productisation and consideration of through life supportability.

The successful applicant will have specialist knowledge of sonar transducer and array design and a proven track record of developing and implementing designs into successful sonar systems.

Knowledge, skills and personal qualities required

Essential

- Demonstrated expertise in sonar transducer and array design;
- Expertise in transduction methods, materials, their application and implementation in sonar systems, including one or more of the following:
 - Understanding and an ability to model the physical transduction processes and interactions, and interpret this into robust solutions;
 - Understanding of how to practically realise transducer designs into <> transducer prototypes and products
 - Understanding of how to test and characterise transducer performance, including practical experience, and how <requirements
 - Experience of technology maturation and the product lifecycle
 - Educated to at least degree level or equivalent in physics, mathematics, engineering, materials science or a similar discipline
 - An aptitude for problem solving;
 - An ability to work within and/or technically lead a project team;
 - Proven communication & written skills – an ability communicate technical findings and concepts to a range of expert and non-expert stakeholders including team, management and customers

Desirable

- Experience of technology maturation and the product lifecycle
- Experience in the underwater defence and security domain
- Has a network of relevant customer, industry and academic contacts

Challenges

- Applying innovation to propose and deliver technical solutions to design and research challenges
- Making informed technical decisions and recommendations supported by robust scientific and engineering evidence
- Delivering quality technical solutions within timescale and budget constraints.

... a sound decision

Key accountabilities

- Technical lead for sonar product developments and research projects
- Task management, working with project managers to ensure technical outputs are delivered to time, cost and quality.
- Working with System Design Authorities, Product Managers and Project Managers to identify solutions and deliver to programme.

Behavioural requirements

- Identifies opportunities and understands how expertise can be more widely applied
- Strong communication, team work and leadership skills
- Able to multi-task and prioritise work load
- Adopts a pragmatic approach to manage conflicts and issues

More information

The successful candidate must be able to achieve full SC (Security Clearance).

How to apply

Please forward your CV to our Recruitment Partner, Morson International, and a covering letter explaining why you are suitable for the post to aeukrecruitment@morson.com by the closing date and state the job title in the subject line.

Due to the nature of our work and the projects you will be working on, all candidates must be eligible to gain security clearance.

ATLAS ELEKTRONIK UK Ltd is an Equal Opportunities employer and welcomes applications for all posts from suitably qualified people regardless of age, disability, ethnicity, gender, marital status, sexual orientation, religion or belief.

Only successful applicants will be contacted.

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