



Role profile

Technical Oversight Manager for Land, Maritime and Cross-Modal Security Research

Civil Service Grade: Grade 7	Salary Minimum: £54,105	Contract Type: Permanent
Job Type(s): Science Security	Civil Service Profession: Science & Engineering	DfT Directorate: Transport Security, Resilience and Response
Location(s): London	Reporting to Job Title: Head of Research, Analysis and Development	

Job description

Job summary

Transport Security, Resilience and Response (TSRR) leads on national security matters, ranging from counter terrorism and cyber security to planning for and responding to natural hazards or civil contingencies. We deliver expertise to support security and resilience policy teams whilst also providing the department's 24/7 response for all security or civil contingency incidents. The team works with security and intelligence partners from across government to mitigate risk to the UK's transport sector.

TSRR is a major player in delivering both the Government's counter-terrorism strategy (CONTEST), and the department's aim for a transport system that works for everyone and balances the needs of society, the environment and the economy. A key factor in that aim is to deliver a safe, secure and resilient transport network, for people and goods, for today and tomorrow.

The Research, Analysis and Development (RAD) Team within the National Security Science and Research (NSSR) Division of TSRR is responsible for providing technical support in the development of policies and regulation that protects transport systems and the travelling public from terrorist attacks. Provision of advice and evidence is underpinned by a circa £6.5M research programme, which the team designs, administers and facilitates the exploitation of.

The post holder will provide technical oversight to the Land, Maritime and Cross-Modal aspects of the RAD research programme. They will work closely with Technical Oversight Manager for Aviation Security Research to provide technical assurance for the whole research programme. They will be responsible for ensuring their area of the research programme delivers timely, robust and cost-effective evidence to inform land and maritime security policy priorities.

We are a passionate, friendly, dedicated and supportive team that is committed to ensuring the security of transport, as well as the prosperity of the UK and transport industry. We are internationally renowned as a technical authority on transport security, and have strong collaborations with many international partners, including the US and Europe; and the RAD team works closely with colleagues across the wider government community to ensure effective co-ordination. As such some travel will be required for this role. Under normal circumstances travel within the UK can be up to six times a month, with some international travel, primarily to mainland Europe and the US, up to three times per year.

In rapidly developing security situations the RAD team provide technical advice on threats, vulnerabilities and mitigations. The post holder will need to analyse and/or commission research to provide clear advice within short timescales. Day-to-day, the team regularly advises on the technical aspects of a range of security measures, drawing on existing knowledge and experience in the subject area.

Additionally, NSSR plays a crucial role in the Department's emergency response mechanisms. You therefore may be required to participate in the Department's response to a security or civil contingencies incident. This may include out of hours working on occasion, but we make every effort to allow for your personal circumstances.

Transport Security, Resilience and Response invests significantly in training and developing staff to prepare them not just for an interesting and challenging job, but also for a rewarding career in the Government security profession. Our expectation is that our staff will remain in post for at least two years.

Duties and responsibilities

- Leadership of a team of 6 technical experts (includes 2 secondees), ensuring strategic planning of work priorities, maintaining high motivation in the team and setting clear direction for individual team members on how they contribute to overall team objectives.
- Assess work prioritisation, communication and delivery approach of the team, identifying and implementing opportunities for improvements.
- Line manage 4 staff members, supporting them in their delivery, development and career progression.
- Manage the land, maritime and cross-modal aspects of the RAD security research programme. Seek to leverage and influence wider national and international work wherever possible to meet departmental aims. Assure the technical quality of all outputs, supporting their exploitation to deliver security outcomes and benefits.
- Own relationships between RAD and internal land and maritime customers, prioritising the programme of work to align with policy objectives/strategies and enabling policy customers to plan strategically for their long-term S&T needs. Keep policy colleagues regularly updated with progress, identifying opportunities for closer working.
- Co-ordinate high quality technical support and advice to transport security colleagues, providing a sound evidence base for policy decisions. The post holder should be willing to be contacted out of hours on a best endeavours basis, but only when urgent technical advice is required.
- Lead DfT technical engagement in national and international bodies, working with the wider team to ensure appropriate representation at all technical fora. Build collaborative relationships with a range of government and international stakeholders to deliver burden-sharing and value for money from RAD investment.

- Lead S&T engagement with key international partners, particularly the US, and European partners; developing relationships and establish common objectives to burden-share through information exchange and collaboration. Influence international direction and decision making using S&T to deliver global improvements in land and maritime security.
- Engage with security equipment manufacturers and transport operators to provide advice on the technical implications of Departmental policy and regulation, and to influence their long-term R&D programmes to meet DfT needs.
- Develop effective working relationship with UK/US Technical Liaison post, ensuring work programme is aligned and capitalises on collaborative opportunities.

The post holder will need to deliver through their own team and virtual teams within the Division and across government.

Person specification

Behaviours

Leadership: Promote diversity, inclusion and equality of opportunity, respecting difference and external experience. Welcome and respond to views and challenges from others, despite any conflicting pressures to ignore or give in to them. Stand by, promote or defend own and team's actions and decisions where needed. Seek out shared interests beyond own area of responsibility, understanding the extent of the impact actions have on the organisation. Inspire and motivate teams to be fully engaged in their work and dedicated to their role.

Communicating and Influencing: Communicate with others in a clear, honest and enthusiastic way in order to build trust. Explain complex issues in a way that is easy to understand. Take into account people's individual needs. Deliver difficult messages with clarity and sensitivity, being persuasive when required. Consider the impact of the language used. Remain open-minded and impartial in discussions, whilst respecting the diverse interests and opinions of others. Introduce different methods for communication, including making the most of digital resources whilst getting value for money. Monitor the effectiveness of own and team communications and take action to improve where necessary.

Seeing the Big Picture: Develop and maintain an understanding of economic, social, political, environmental and technological developments to ensure activity is relevant. Ensure plans and activities in your area of work reflect wider strategic priorities and communicate effectively with senior leaders to influence future strategies. Adopt a governmentwide perspective to ensure alignment of activity and policy. Bring together views, perspectives and diverse needs of stakeholders to gain a broader understanding of the issues surrounding policies and activities.

Delivering at Pace: Ensure everyone clearly understands and owns their roles, responsibilities and business priorities. Give honest, motivating and enthusiastic messages about priorities, objectives and expectations to get the best out of people. Comply with legal, regulatory and security requirements in service delivery. Set out clear processes and standards for managing performance at all levels. Ensure delivery of timely quality outcomes, through providing the right resources to do the job, reviewing and adjusting performance expectations and rewarding success. Maintain own levels of performance in challenging circumstances and encourage others to do the same.

[More information about Behaviours](#)

Experience

- Working in a scientific or technical area, including leading or overseeing technical delivery.
- Leading teams of technical experts to deliver high impact outputs.
- Understanding of transport security science and technology.

[More information about Experience](#)

Strengths

You will be assessed against Civil Service Strengths at interview. For further details, please see the [Civil Service Strengths Dictionary](#).

[More information about Strengths](#)

Technical

Applying scientific and technical knowledge: Applies knowledge, experience and skills effectively, providing innovative solutions to problems. Works effectively on cross-cutting projects and establishes positive links with other professional streams. Understands longer term and strategic issues related to the projects and programmes. Identifies and assesses risk, uncertainties and confounding factors, can respond effectively to unforeseen situations, understands the limitations of their own expertise and knows when to call in external experts or flag an issue.

[More information about Technical](#)

Essential criteria

- Formal qualification in a STEM subject to at least degree or equivalent level
- This role is open to UK nationals only
- Candidates will also be expected to demonstrate their technical experience against the Government Science and Engineering Career framework.

Other helpful information you need to know

Level of security clearance: Developed Vetting (DV)	Working Pattern: Full-time; Part-time; Job share; Flexible working	Contact Information: Alastair McIntosh Alastair.Mcintosh@dft.gov.uk 07977 437136
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