

Participant Information Sheet

Principal Investigator: David J Sanderson

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Title of Project: ***“What are the threat, harm and risks to the Maritime Industry from the criminal exploitation of the electromagnetic spectrum radio frequency range?”***

Our Invitation

Dear Participant,

Global intelligence and information reports a rapidly emerging security and safety risk. Threatening Maritime Ports and Shipping with the ability to cause serious harm to current security systems and shut down critical safety functions that could lead to catastrophic failures.

You are invited to take part in an independent research study on security and safety in a maritime setting. With your help and in complete confidence I hope to present a clear intelligence picture that might support your enterprise to correctly and accurately assess your own vulnerability. My report once published will be presented to the MCA for wider distribution in the interests of protecting people from harm.

Before deciding to participate, please read the information below which explains the aims of the research and what it would involve for you. Please ask the researcher if anything is unclear or you have additional questions.

What is the purpose of the study?

My research aims to examine the threat, harm and risks to the Maritime Industry from the criminal exploitation of the electromagnetic spectrum radio frequency range in a security and safety context. This research is important as it helps build further understanding and will help contribute to an increased understanding of;

- Unlawful criminal use of radio frequency jamming/suppression and the risks posed to Critical Maritime Infrastructure
- Risk and its landscape, environmentally, societally and economically created by the current and future level of criminal activity on critical maritime infrastructure.
- Defining a policing/security/organisational response and discuss how resilience evolves to combat criminal exploitation of these advanced technologies.

This is part of my MSc Risk Crisis and Resilience dissertation research, conducted under the supervision of Dr Sara Hadleigh-Dunn and Dr Risto Talas. We are connecting with current professionals working in the security and maritime sector to participate in our research. This study is conducted by Portsmouth University and is intended to explore and gather information to help better understand the threat, harm and risks to Critical Maritime Infrastructure from the criminal exploitation of wireless networks. The dissertation research will explore personal experiences, security, vulnerabilities, as well as individual's attitudes toward the field of wireless security.

This research is intended to gather the perspectives of maritime professionals such as ship and port owners, chief executive officers, company security/safety officers,

shipping operational managers, enforcement agencies. Thematic analysis of their accounts will then help contribute to an improved threat/risk analysis. Your participation in an interview will offer you an opportunity to 'voice' to your experiences and concerns and will take approximately 30 minutes.

Your participation in this interview is welcomed and will help to inform future security processes. Anonymity for every participant and their organisation is preserved and all the answers are kept strictly confidential. Participants will be permitted to withdraw from the research, prior to the processing of the data, without the need of explanation. Any expenses will be borne by the researcher.

Should you wish to share your experiences within a protected or unprotected environment the researcher will be happy to have a discussion with you and enter into a binding confidential understanding which must be supported by an appropriate authority within your organisation.

The questions are structured to draw out individual experiences, knowledge, training, attitudes, preferences and practices. Each question gives you the opportunity to comment and give further detail regarding your answer, should you so wish. After the interview your responses can be reviewed to confirm that they are a true and accurate account of the interview.

Should you be interested I would be grateful if you could to contact me via direct message or via email and I will provide an information sheet with further details of the research. Should you have any specific queries or concerns please feel free to contact me via the same means.

Please also feel free to share this request with anyone who might be interested in participating in the research. It will be my pleasure to share the dissertation with you at its formal conclusion.

For further information please contact David J Sanderson on:

Tel 07713880085

david.sanderson@myport.ac.uk

Thank you for taking time to read this information sheet and for considering volunteering for this research. If you do agree to participate your consent will be sought; please see the accompanying consent form.

Kind regards

David J Sanderson

Detailed information on participation if required;

Do I have to take part?

No, taking part in this research is entirely voluntary. If you agree to take part, I will then ask you to sign a consent form confirming that you are happy to proceed.

What will happen to me if I take part? In this study, you will be asked to complete a questionnaire or take part in a face to face interview.

Who can take part in this research? I welcome participants, aged 18 and over whom have some familiarity of Maritime wireless systems and their role within the maritime sector.

What are the possible disadvantages, burdens and risks of taking part? This should take no longer than half an hour of your time, and while I appreciate that you are busy and time is precious, your contribution is very important.

Project Supervisors;

Dr Sara Hadleigh-Dunn (Thorne) FSyl, FHEA

Curriculum Director MSc Risk, Crisis and Resilience Management

Portsmouth Business School
University of Portsmouth
Sara.hadleigh-dunn@port.ac.uk

And

Dr Risto Talas
Lecturer in Security Risk Management
Institute of Criminal Justice Studies
University of Portsmouth
risto.talas@port.ac.uk

Will my taking part in the study be kept confidential?

Any raw data will be kept securely by the Principal Investigator and will not be passed to anyone outside the study team. The exception to this will be any regulatory authority that may have the legal right to access the data for the purposes of conducting an audit or enquiry, in exceptional cases. These agencies treat your data in confidence. Hard copy data will be stored in a locked filing cabinet in a locked office. Raw data and informed consent forms will be retained for at least 10 years. Your name (or other information) will be dissociated from the electronic data you provide so that it will not be possible to identify you or your responses. The data, when anonymised, may be presented to others at academic conferences, or published as a project report, academic dissertation or in academic journals or book. Anonymous data, which does not identify you, may be used in future research studies approved by an appropriate research ethics committee.

What will happen if I don't want to carry on with the study? You can stop any task at any time or withdraw from the session at any time before finishing, without giving a reason if you do not wish to. If you do withdraw from the study after some data has been collected, the data collected will be destroyed and not included in the study.

What if there is a problem? If you have a query, concern or complaint about any aspect of this study, in the first instance you should contact the Principle Investigator, Mr David J Sanderson.

If your concern or complaint is not resolved by the Principle Investigator, you should first contact one of the listed supervisors and then the Head of Department:

Paul Trott if you remain unhappy
Paul.trott@port.ac.uk

You may also contact the University Complaints Officer; 023 9284 3642;
complaintsadvice@port.ac.uk

Who has reviewed the study? Research involving human participants is reviewed by an ethics committee to ensure that the dignity and well-being of participants is respected. This study has been reviewed by the dissertation supervisors and has been given a favourable ethical opinion.