



POSITION DESCRIPTION

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| Position Title: | Human Factors / Human Systems Scientist |
| Position Reference Number: | PDMD001 |
| Division | Maritime Division |
| Position Classification: | S&T 3-4 Above |
| Position Location: | Rockingham WA |
| Security Level: | NV1 |
| Minimum Academic Qualification: | PhD / Masters |
| Enquiries: | Sam Huf e: samuel.huf@dst.defence.gov.au p: 08 95533571 |

Academic Disciplines

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|---|---|---|
| Aerospace/ Aeronautical Engineering, Naval Architecture | Chemical, Radiological, Biological, Food sciences | Materials Science |
| Computer Sciences, IT, Software Engineering, Telecommunications | Mathematics and physics | Psychology and Social Sciences |
| Mechanical and Mechatronic Engineering (including robotics) | Electronic/ Electrical Engineering | Other: Cognitive or Physical Ergonomist or Physiological Sciences |

Position Overview

The Human Factors Scientist will work as part of a small world leading team applying human sciences and developing novel human-centered design techniques to understand and improve the performance of Royal Australian Navy submarines, autonomous systems and other undersea capabilities.

Position Duties

Under limited guidance, the Human Factors Scientist will:

1. Research the high-technology human work and habitation systems of Royal Australian Submarines and other undersea systems.
2. Investigate and develop guidance on improving human performance in undersea systems.
3. Participate in a scientific network developing novel performance measures, defining work and habitation requirements and building novel concepts to assist operational decision making in the undersea environment.
4. Prepare to peer review standard, papers discussing the work undertaken and presentation of finding to the scientific and Defence communities.

Other Requirements

Appointees will be initially be engaged on a **BASELINE** security clearance with an upgrade to a **Secret Negative Vetting (SNV) Security Clearance** required upon commencement.