



POSITION DESCRIPTION

Position Title:	Radar Specialist
Position Reference Number:	R&INSID004b
Division	NSID
Position Classification:	S&T3-4
Position Location:	Edinburgh (SA)
Security Level:	NV1
Enquiries:	robert.debnam@dst.defence.gov.au (08) 7389 6879

Academic Disciplines

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

Position Overview

High Frequency Radar (HFR) Branch in Edinburgh is looking for an enthusiastic Engineer to become a Radar Specialist. HFR Branch is the recognised world leader in this area, and continue to develop state of the art technology and field prototype systems to further progress this field. The technology developed with HFR Branch has direct applicability to the Australian Defence Force (ADF) JORN system, and we work closely with the ADF in improving operational systems and promoting new capabilities.

The successful candidate will join a team of experienced Engineers, Scientists and Technicians to promote HF Radar. You will have the opportunity to think critically and work in collaboration with ADF personnel, academia and industry. Onsite at Edinburgh, you will have access to world class radar research facilities and a variety of work to assist you in your development.

Position Duties

Under guidance of staff, the Radar Specialist will:

1. As part of a team, develop hardware and systems of hardware to test new concepts and further develop current capability;
2. Implement radar and signal processing algorithms to be tested on fielded hardware;
3. Participate in sophisticated field trials to test the ideas developed;
4. Process, analyse and report on data gathered during experimental campaigns; and
5. Work in a collaborative team environment.

Other Requirements

Intra and interstate travel will be required to participate in remote field trials. Overseas travel may be required.