



Position Title	Technical Officer (IMOS Ocean Radar Facility)
Classification	Level 6
School/Division	Oceans Graduate School
Centre/Section	
Supervisor Title	Senior Research Fellow
Supervisor Position Number	313559
Position Number	314895

Your work area

Australia's Integrated Marine Observing System (IMOS) was established in 2007 to provide data streams from a range of oceanographic sensors from oceans around Australia, making them freely and openly available for use by the Australian and global marine and climate science community. The Ocean Radar Facility is an IMOS facility which operates HF Radar systems (WERA and CODAR SeaSonde) at 14 observation stations across 7 sites around Australia.

The IMOS Ocean Radar Facility is part of the Coastal Oceanography group at UWA. The Group's research encompasses coastal physical processes and their influence on biological and climate processes on the continental shelf region, the nearshore (beach) zone and estuaries using field measurements, remote sensing and numerical modelling.

Reporting structure

Reports to: Senior Research Fellow

Dotted line reports to: Facility Leader, IMOS Ocean Radar Facility

Your role

As the appointee you will, under general direction, be responsible for contributing to the operation, installation, maintenance, refurbishment and troubleshooting of HF Radar stations around Australia to ensure the continuous flow of high quality data.

This role will join a dynamic group of scientists and engineers in Coastal Oceanography to contribute to the operation and maintenance of the existing Integrated Marine Observing System (IMOS) Ocean Radar Facility. The facility uses shore based high frequency radar to measure surface currents at various locations across Australia.

Your key responsibilities

Maintain the operation of the HF Radar systems across Australia with many located in remote areas

Provide support to the refurbishment and/or installation of HF radar systems

Administer reports and prepare documentation associated with work accomplished

Liaise with local caretakers to ensure proper oversight of the radar sites

Schedule local tradespeople as and when needed

Other duties as directed

Your specific work capabilities (selection criteria)

Relevant tertiary qualification or demonstrated equivalent competency

Substantial experience in a relevant field such as electrical/electronics, radio communication or instrument fitting

Substantial experience in HF Radar systems particularly with operational aspects

Experience with different operating systems (e.g. Linux, Mac, Windows)

Proficiency in a range of computing skills including word processing, spreadsheets, databases, internet, and email

Excellent organisational skills and demonstrated ability to set priorities and to meet deadlines

Excellent written and verbal communication skills

Ability to work independently, show initiative and work productively as part of a team

Demonstrated ability to work in an interdisciplinary environment

Demonstrated ability to develop strong relationships with internal and external stakeholders

Experience in programming (Perl, C, Python, Matlab) including command line is desirable

Special requirements (selection criteria)

Able to fit the physical requirements of the position, including field work in remote locations

Occasional travel within the state, interstate and overseas travel may be required

Current "C" class driver's licence

Compliance

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

The University's Code of Conduct hr.uwa.edu.au/policies/policies/conduct/code/conduct

Inclusion and Diversity web.uwa.edu.au/inclusion-diversity

Safety, health and wellbeing safety.uwa.edu.au/