



Job Details

Reference: 4157, 10090

Position Title: APS Level 5

Classification: Technical Officer Level 3 [Engineering]

Salary range: \$58,191- \$62,849 per annum

Location: 25 College Road, Kent Town, South Australia 5071

Region: South Australia

Section: National Tidal Centre

Status: Ongoing

Applicants: Australian citizenship – see [Essential Applicant Information](#)

Applications close: Thursday, 9 July 2009

Advertisement

Operate a facility for the calibration of acoustic water level sensors and meteorological sensors. Maintain accurate records of calibrations and field operations for data analysis. Maintain and service specialised electronic equipment down to component level.

Help organise and undertake regularly scheduled calibration and maintenance visits to remote monitoring sites within Australia and the South-West Pacific. Install and commission PC hardware and software as well as data transmission equipment in local and overseas locations. Arrange or as required undertake (desirable) underwater diving maintenance operations.

Note: This position is to be integrated into the broader Bureau responsibilities for sea level and related equipment maintenance and may be based in Melbourne in the future.

Duty Statement

With limited guidance, undertake technical activities associated with the National Tide Centre (NTC) as follows:

1. Operate a facility for the calibration of acoustic water level sensors and meteorological sensors. Maintain accurate records of calibrations and field operations for data analysis. Maintain and service specialised electronic equipment down to component level.
2. Help organise and undertake regularly scheduled calibration and maintenance visits to remote monitoring sites within Australia and the South-West Pacific. Install and commission PC hardware and software as well as data transmission equipment in local and overseas locations. Arrange or as required undertake (desirable) underwater diving maintenance operations.
3. Liaise on technical matters with relevant government and commercial representatives, contractors and public utility authorities as required.

4. Undertake NTC equipment electrical safety checks and maintain records of such tests for OH&S purposes.
5. Be aware of and apply the principles and practices of the Bureau's Social Justice Strategy.

Duties representing highest function: 1 and 2

Supervisor: Manager, National Tidal Centre, Executive Level 2 (SPOB - Oceanography) Position no. 4147

Job Profile

The National Tidal Centre (NTC) produces tide predictions for the majority of Australian ports, maintains an archive of tidal and sea level related information and is involved in a number of sea level monitoring projects.

Currently based in Adelaide, the Engineering Support position is part of the Engineering Program and reports to the *NTC Manager*. The position operates in a team environment contributing to the ongoing maintenance of the Australian sea level monitoring network and supporting operation of sea level stations located in the south-west Pacific. Day-to-day activities include operating a maintenance and calibration facility for acoustic water level and meteorological sensors, organising and undertaking installation and maintenance visits to remote monitoring sites in Australian and the south-west Pacific, maintaining accurate records in accordance with established procedures and servicing specialised electronic equipment down to component level.

The NTC Engineering Support staff communicate and liaise on technical matters with relevant government, commercial, port authority and public utility representatives on a regular basis.

This position although currently based in Adelaide and focused specifically on NTC activities will in the future be integrated into the broader Bureau responsibilities for maintenance of sea level and related equipment potentially requiring reassignment to a Melbourne base function.

Selection Criteria

Applicants must address the selection criteria. To assist you prepare your application, please read the information at [General Information for Applicants](#) and complete the Bureau of Meteorology Application Cover Form.

1. In-depth technical knowledge and understanding of, or ability to acquire competence with, electronic field equipment and systems used by the NTC, in particular precision automated sea level monitoring equipment, calibration facilities and techniques, and meteorological data acquisition and communications systems, including terrestrial and satellite data communications systems, and TCP/IP networking.
2. Experience in acceptance testing and procurement of electronic equipment.
3. A willingness and ability to travel to remote locations around Australia and overseas, to oversee and participate in the installation, commissioning and maintenance of modern sea level monitoring systems. Ability to undertake as required (desirable), or arrange underwater diving maintenance operations.
4. Demonstrated initiative and drive along with the ability to work harmoniously as part of a team of scientists, and technical officers. Ability to participate in established ongoing projects and activities.
5. Communication skills of a high order including an ability to clearly liaise with supervisors, contractors and other technical staff and non-technical staff, including South-West Pacific contacts, on maintenance and technical aspects of projects and installed equipment. Ability to

prepare technical documents, installation briefs and maintenance instructions in a clear, systematic and concise manner for use by Bureau staff and contractors.

6. A knowledge, understanding and commitment to apply the principles of the Bureau's social Justice Strategy.

All Selection Criteria are rated equal.

Contact

If you would like to know more about the Bureau of Meteorology visit <http://www.bom.gov.au/>

Please read the selection documentation and if you have any queries specific to this position please contact Allan Suskin on 08 8366 2716.

Applications

Applications can be lodged personally at: The Recruitment Unit, 7th Floor, 700 Collins St, Docklands

By mail to: Recruitment Manager, Bureau of Meteorology, GPO Box 1289, Melbourne VIC 3001

By email to: jobs@bom.gov.au

All applicants are required to include a completed Bureau of Meteorology Application Cover Form, Résumé or CV and a Statement addressing the Selection Criteria.

All applicants are advised to read [General Information for Applicants](#) available on this web site before submitting their application.

Should you experience any difficulties with accessing information please contact the Recruitment Unit by email at: jobs@bom.gov.au or by telephone on 03 9669 4260 / 03 9669 4337 / 03 9669 4379.