



POSITION DESCRIPTION

Job Title:	AATAMS Technical Officer (National Acoustic Monitoring Projects Coordinator)
Type of Employment:	Two year fixed term, subject to continuation of funds. Full time appointment
Remuneration:	A salary package consisting of: Salary range starting at \$64,000 p.a. employer superannuation of 9%, employment specific training
Closing Date:	5:00 pm, Monday 27th of October 2008
Further Information:	A/Prof Rob Harcourt, telephone (02) 9850 7970

BACKGROUND

The Sydney Institute of Marine Science (SIMS) is a joint initiative of four universities (Macquarie University, University of Sydney, University of NSW and the University of Technology Sydney) to develop a multidisciplinary marine research institute that has a major focus on the Sydney Harbour precinct. This collaborative venture is based at the former naval depot at Chowder Bay adjacent to Clifton Gardens and will enable marine scientists and students in Sydney and NSW to investigate links between nearshore marine environments, urban harbours, fisheries and marine biodiversity.

SIMS is the NSW node for the Integrated Marine Observing System – a federal government initiative funding a total of \$50 million over 5 year, to support the infrastructure of marine science. Approximately \$4 million will flow to SIMS over 5 years to deploy six ocean moorings, autonomous underwater vehicles, and the Australian Acoustic Tracking and Monitoring System (AATAMS). SIMS will also co-ordinate the NSW applications for mobile components of the IMOS infrastructure such as high frequency coastal radar and ocean gliders.

AATAMS is deploying acoustic receivers off NSW, SA and WA to monitor the movements of sharks, bony fish and large invertebrates. AATAMS will deploy an array of submerged receiving stations that will complement those of the Ocean Tracking Network (OTN), a global initiative led by Prof Ron O'Dor, Canada.

DUTY STATEMENT

Primary Purpose of Position

The primary purpose of the Technical Officer position is to coordinate acoustic tagging research in Australia and provide technical support to the Australian Acoustic Tagging and Monitoring System.

Key Responsibilities

- Engagement with marine science researchers
- Identifying datasets held by researchers
- Assisting researchers with development of metadata records
- Overseeing transfer of data to host organisations
- Promoting AATAMS within the marine community
- Ensure coordination of tagging ID codes
- Uploading data to web access database and maintenance of database
- Purchase of acoustic receiving stations
- Preparation of moorings
- Deployment, recovery, and servicing of acoustic receivers
- Provide technical advice and support to users of the curtains and individual receiving stations
- Liaise with SIMS Financial Officer to provide financial reports
- Monitor expenditure against budgets
- Membership of the AATAMS Operations sub-committee
- Other duties as designated by the AATAMS Team Leader

Reporting Relationship

The AATAMS Technical Officer reports to the AATAMS Team Leader

SELECTION CRITERIA

Qualifications

Essential

- a degree with at least 4 years subsequent relevant experience; or
- extensive experience and management expertise in a technical field; or
- an equivalent combination of relevant experience and/or education/training.

Desirable

- Boat drivers' licence
- Scuba-diving certification equivalent to PADI Rescue Dive

Knowledge and Skills

Essential

- High level of organisational skills including the ability to operate independently while prioritising demands and meeting deadlines
- Ability to liaise effectively with industry, government and professional bodies
- High level of computer competency across a range of applications including Microsoft Office, databases and skills in utilising both email and the internet.
- Demonstrated high level written and verbal communication skills
- Ability to manage and prioritise multiple projects concurrently
- A thorough understanding of record management practices

Desirable

- An understanding of information exchange and metadata principles

Experience

- A minimum of three years experience working with acoustic telemetry
- Experience designing and deploying underwater moorings
- Experience using acoustic releases
- Experience on various size boats (from dinghy to 35 m research vessels)
- Experience / training in field based marine science
- Project experience in university and/or government agency research projects

Personal Qualities

- Commitment to accuracy and attention to detail
- Ability to work with a diverse range of people
- Ability to work autonomously as well as part of a small team
- Good organisational skills
- Ability to maintain confidentiality and exercise discretion

APPLICATION

Applications must consist of the following:

- **Covering Letter**, The covering letter should include your contact address and telephone number. This is an opportunity in not more than one page to introduce yourself and outline the key reasons why you should be considered for the role.
- **Curriculum Vitae or Resume**, This is a history of your employment and experience that covers the following areas:
 - i. Educational qualifications that detail the full title of the qualification, year attained and title of the institution attended.
 - ii. Employment history in chronological order, starting with the most current position and specifying dates of employment, title of position, name of employer, main duties or accountabilities and achievements.
 - iii. The names and contact details (preferably phone & email) of three referees, including if possible a senior person (preferably your supervisor) closely associated with your current position.
- **Selection Criteria**, A statement addressing how you meet each of the selection criteria is required to assist the Selection Committee to determine whether you have the relevant qualifications, knowledge/skills, experience and personal qualities.

Applications are to be sent to:

Chief Operating Officer
Sydney Institute of Marine Science
Building 22
Chowder Bay Road
Mosman NSW 2088

Fax: 02 9969 8664

Email: paul.hallam@sims.org.au

Please note:

- Applications should be typed
- Do not send applications that are bound or enclosed in plastic or manila folders
- Staple the application at the top left hand corner
- Retain a copy for your reference, applications will not be returned to the applicant

Selection Process

A Selection Committee will consider all applications and shortlist candidates for interview who appear to meet the selection criteria at the highest levels. They will be invited to attend an interview and the remaining unsuccessful applicants will be notified accordingly.