Expeditioner Band 2.3 (APS 5) – Communications Technical Officer

Classification	Expeditioner Band 2.3 (APS 5) - $85,876 pa
Total Remuneration	$151,217 pa (when in Antarctica/sub-Antarctic, inclusive of Antarctic Allowances)
Division	Australian Antarctic Division
Branch	Enabling Services
Section	ICT Station Support
Location	Based in Kingston, Tasmania. Antarctic and sub-Antarctic
Employment Status	Non-Ongoing (temporary)
Hours	Full Time
Security Clearance	Baseline Vetting

Commitment to Inclusion

AAD values diversity, in backgrounds and experience. We acknowledge the challenges associated with the work that we do and are committed to developing an inclusive culture for all people. We welcome everyone to apply, especially those individuals who are underrepresented in the industry: women and gender diverse people, LGBTQIA+ folks, culturally and linguistically diverse people and Aboriginal and/or Torres Strait Islander peoples.

Overview

As a Communications Technical Officer (CTO), you will carry out routine and complex telecommunications maintenance. You will also make repairs and operate communications equipment. You may install or assist with the installation of complex telecommunications systems.

CTOs are employed in winter jobs at Casey, Davis, Mawson and Macquarie Island. Summer or shorter winter jobs may become available.

Ship based IT and communication support positions may be drawn from successful CTO applicants.

The Job

As a CTO you will be required to undertake some or all of the following:

- Maintain complex telecommunications equipment, systems and facilities at a station.
- Undertake maintenance of antennas and associated cabling/feeder systems. This may include climbing masts up to 30m high to maintain antennas. Training will be provided before departing for Antarctica.

- Provide support to science programs, including Geoscience Australia, Australian Radiation Protection and Nuclear Safety Agency and other projects/agencies as required.
- Assist the Kingston head office information technology staff in maintaining IT infrastructure and equipment at a station.
- Operate radio equipment for communication with field parties, aircraft, ships and small watercraft.
- Maintain miscellaneous electronic office and amenities facilities, including audio-visual equipment, possibly to component level.
- Demonstrate sensitivity for privacy and security requirements at all times.
- The AAD is committed to providing a safe place of work, safe systems of work and a culture in which care for one another's safety and wellbeing is central to the way we do things. Having stated this, you are going to an extreme workplace. The consequences of you failing to understand your responsibilities can be catastrophic. It is therefore incumbent on all expeditioners to understand and implement the AADs Work Health Safety Commitment Statement and the AAD Safety Behaviours Framework.

As a proactive and positive member of the community you will:

- Maintain a personal and practical commitment to AAD policies and standard operating procedures (including work, health and safety and environmental policies). Training and guidance in regard to all responsibilities relevant to your position will be provided.
- Be rostered to perform duties to support the community life of the expedition, such as general kitchen duties, garbage clearance, general cleaning duties, and assisting other expedition members with official programs, to ensure an equitable contribution.
- Work in areas outside of your primary role, for example, providing assistance to other areas or science projects, or participating in general labouring tasks such as clearing snow or handling cargo.

What we are looking for

<u>**Essential**</u>
You can only be selected for this role if you have these essential skills and licences:

Qualifications/licences (provide copies in your application):
- Cert III in Electronics and Communications (UEE30920) or comparable qualification
- A Certificate of Competency in Perform Inspection (MEM15004B or PUAEQU001)
- A current, unrestricted "C" class (manual) Australian driver's licence.
- Valid passport when travelling to the Antarctic or sub-antarctic. The expiry date of the passport (and any relevant visa) must be at least 6 months beyond the planned end date of your intended stay in the Antarctic or sub-antarctic
- A current statement of attainment in the following units of first aid, or the ability to attain prior to commencement:
  - Provide First Aid (HLTAID0011) must be valid for at least 18 months beyond the date of AAD commencement.
  - Provide CPR (HLTAID009) must be valid for at least 6 months beyond the date of AAD commencement.

Skills and experience: (in at least one of the following, within the last 5 years)

- Analogue radio systems with a strong understanding and practical maintenance including installation and repair of VHF repeaters/base stations, mobile radios and portables, and HF mobile and fixed base. Testing and repair of antennas and associated cabling/feeder systems and familiarity with masts and associated hardware.
- Satellite communications systems and equipment with a strong understanding and practical maintenance experience. Including BUC/LNB style, or other microwave communications systems.

<u>Desirable</u>
These are not essential to the role. We encourage you to apply even if you do not fit 100% of the requirements.

Qualifications/Licences:
- An Open Cabling Licence with optical, coax and structured (O, C & S) endorsements.
- Long Range Operator Certificate of Proficiency (LROCP) or equivalent
- Aeronautical Radio Operator Certificate (AROC)

Skills and experience (within the last 5 years):
- Installation and maintenance of IT infrastructure, network and desktop hardware. This can include servers, switches, routers, wireless network equipment, VoIP equipment, computers and peripherals, and copper and optic-fibre structured cabling.
- Maintenance and repair of electronic equipment, including to component level.
- Radio operating procedures, including air-ground-air communications.

<u>Personal Qualities</u> - The Australian Antarctic Division assesses the personal qualities required to successfully live and work in an isolated Antarctic or sub-Antarctic community. Successful candidates need to demonstrate the personal qualities criteria detailed [here](). This will be assessed during the selection process.

Eligibility and other requirements

<u>Citizenship</u> – A security clearance is required for this role and applications will only be considered from Australian citizens.

<u>Security Clearance</u> - This position requires a Baseline Vetting security clearance. You will be required to obtain and maintain a clearance at this level.

<u>Pre-employment Check</u> - Your suitability for employment will be assessed through a pre-employment screening process. This process includes a requirement to undergo and satisfy a National Police Check, referee checks, character clearance and a pre-employment medical and psychological adaptability assessment, specified mandatory qualification(s) validation and a probation period.

If required, this may include comprehensive drug screening for compliance to undertake Safety Sensitive Aviation Activities (SSAA).

<u>Requirement to be vaccinated under public health orders</u>

It may be a condition of your employment that:

1. if you are required to be vaccinated against COVID-19 under an applicable Australian law; or
2. if the department is unable under an applicable Australian law to permit you to attend for work (ie outside of your usual place of residence) unless you are vaccinated against COVID-19,

You must be up to date with your COVID-19 vaccinations, and you must also comply with all recommendations from public health authorities regarding any additional vaccinations that ensure the effectiveness of the COVID-19 vaccine that you have received.

How to Apply

The [Application Process](#) and the [Life as an Expeditioner](#) pages contain critical information about living and working in Antarctica, and must be read in conjunction with this job description prior to applying.

Apply for this role by submitting your application through our [Jobs in Antarctica](#) website. If you have any questions regarding this role, email the contact officer.

Your email is our primary method of contacting you; please make sure that the email and phone number you provide us is correct, current and accessible. **We recommend applicants to not use their work email on their application for accessibility.**

Work Health and Safety Obligations
All workers (APS1-Secretary) have a duty to take reasonable care for their own health and safety whilst at work, to ensure their acts or omissions do not adversely affect the health and safety of other persons and to comply with any reasonable instruction given to comply with the Work Health and Safety legislation.

All supervisors and managers (APS5-EL1) play a significant role by modelling safe work behaviours and clearly setting the standard for acceptable behaviour in the workplace. Supervisors and managers play a critical role in supporting 'Officers' to exercise due diligence and in consulting with duty holders.

An Officer (EL2-Secretary) makes and participates in making decisions that affect the whole or a substantial part of the department. Employees at the SES Band 2 and above classification are considered to be Officers under the Work Health and Safety Act 2011 (Cth) with all EL 2 and above required to complete officer due diligence training. Officers have a duty to be proactive and continuously ensure that the department complies with relevant duties and obligations.

Contact
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