

Job Description: VHF Beacon Network and Tower Maintenance Officer

Position Overview: The VHF Beacon Network and Tower Maintenance Officer is responsible for the operation, maintenance, and upkeep of the VHF (Very High Frequency) beacon network and associated towers. This position involves ensuring the continuous functionality and reliability of the network and towers to support efficient and safe communication for air traffic control purposes. The officer will work closely with a team of technicians and engineers to perform maintenance and repairs, conduct inspections, and oversee the overall functioning of the VHF beacon network and towers. Additionally, the officer is responsible for reporting any deficiencies or concerns to the Director of Marine.

Key Responsibilities:

1. **Network and Tower Maintenance:** Conduct regular maintenance and repairs on the VHF beacon network and associated towers to ensure uninterrupted communication for air traffic control purposes.
2. **Inspections:** Perform periodic inspections of the network and towers to identify and address any potential issues, ensuring compliance with safety and regulatory requirements.
3. **Troubleshooting:** Diagnose and resolve technical problems and faults in the VHF beacon network and towers promptly and efficiently.
4. **Documentation:** Maintain accurate records of maintenance activities, inspections, repairs, and equipment performance, ensuring proper documentation and reporting for compliance purposes.
5. **Equipment Upgrades:** Collaborate with relevant stakeholders to assess the need for equipment upgrades, propose recommendations, and implement approved upgrades as necessary to enhance network performance.
6. **Team Coordination:** Coordinate and collaborate with a team of technicians and engineers to schedule maintenance activities, delegate tasks, and ensure timely completion of work.
7. **Emergency Response:** Respond to emergency situations promptly and effectively, taking necessary actions to restore the functionality of the VHF beacon network and towers.
8. **Compliance and Safety:** Ensure compliance with relevant regulations, standards, and procedures governing the operation and maintenance of VHF beacon networks and towers, prioritizing safety at all times.
9. **Reporting:** Prepare reports on any deficiencies or concerns regarding the VHF beacon network and towers and submit them to the Director of Marine.

Qualifications:

- Diploma or Bachelor's Degree in Electrical Engineering, Telecommunications, or a related field is preferred. Equivalent work experience may be considered.
- Strong technical knowledge and understanding of VHF beacon networks, tower infrastructure, and associated equipment.
- Prior experience in the maintenance and operation of VHF beacon networks and towers is highly desirable.

- Proficiency in troubleshooting technical issues and performing repairs on electronic and electrical systems.
- Knowledge of relevant regulations, standards, and procedures related to the operation and maintenance of VHF beacon networks and towers.
- Excellent organizational skills with the ability to manage and prioritize multiple tasks effectively.
- Strong communication and interpersonal skills to coordinate with team members and stakeholders.
- Ability to work independently as well as in a team-oriented environment.
- Flexibility to work on-call and respond to emergency situations outside regular working hours.
- Strong reporting skills to document and communicate deficiencies or concerns to the Director of Marine.

Pre-requisite:

- Due to safety observance: maximum age for applicant at the time of application will be no more than 45 years of age.