



## NATIONAL MARITIME SAFETY AUTHORITY

### CAREER OPPORTUNITY

The National Maritime Safety Authority (NMSA) is responsible for promoting, complying with and maintaining world class maritime safety standards in Papua New Guinea consistent with legislation and commitments under National Legislation and International Conventions in order to facilitate a safe, efficient and environmentally responsible shipping sector for stakeholders in government, industry and the community. Under the mandate, NMSA ensures a fully functioning and effective network of aids to navigation; availability of high quality and up to date navigational charts; that vessels meet the safety standards required by law and international commitments; ensuring seafarers' competency through vigilant examination and certification, and coordinating maritime responses to distress calls and monitoring and controlling ship-sourced pollution. The NMSA now wishes to fill the following positions:

#### Senior Network Engineer

##### **Job Objective**

To provide operational support for the NMSA LAN/WAN infrastructure, network services, systems and users. This will include the AIS, CMS and GMDSS radio communication network. Take the lead in projects, network analysis, design installation, configuration, maintenance and repair of infrastructure and systems. Also provide direction, information and recommendations regarding network configurations and installations. Co-ordinate and assist in the creation and upkeep of documentation, procedures, guidelines and schematic drawings. And, this position is also responsible for providing assistance to contractors engaged for the CMS and AIS networks or any other network systems with interconnectivity to NMSA network.

##### **Principal Accountabilities and Services Standards**

Among the core accountabilities the successful incumbent will:

*Responsible for analysing, designing, installing, configuring, maintaining and repairing of network infrastructure and application components. Design, deploy and manage LANs, WANs, WiFi and other communication networks. Design, set up and configure complex switching environment/wireless networking that supports open or secured access and the ability to support voice and video applications. Design multi-server environments including IP address schemes, DNS, WINS, Ether-Channel (Bonding), etc. Maintain multi-site network operations and software applications, operating systems and regular maintenance at NMSA Data Centre, Test Centre and DR Site. Manage projects and programs components to deliver services in accordance with NMSA objectives.*

##### **Person Specification and Experiences**

The successful person for this position must meet the following requirements:

##### Skills

Excellent network system design and development skills; excellent analytical and assessment skills, trouble shooting; strong management, organizational skills and ability to multi-tasks; must be a good leader with excellent interpersonal skills and able to lead and work effectively with/in a team; possess good reasoning skills and must have empathy with the ability to innovate and recommend better ways of doing things.

##### Knowledge

Demonstrated knowledge in Information and Communication Technology networking topologies, designs, equipment and systems; demonstrated knowledge and understanding in designing and implementing layer 3 routing protocols; demonstrated knowledge designing and implementing wireless solutions; has very good knowledge and understanding of network services DNS, DHCP; demonstrated knowledge in Cisco VoIP Systems-UCS-Management/Support/Troubleshooting, designing and implementing Voice technologies using PoTS and SIP

##### Qualifications

Minimum qualification is a Degree in Computer Science, Information Technology or Telecommunications from a recognised University with CCNA and CCNP or equivalent.

##### Experience

Minimum 5 years relevant work experience as a Network Engineer with a large organization.

**Marine Surveyor  
(Non-Exclusive Marine Surveyors in the Private Sector)**

**Job Objective**

To conduct surveys of vessels, assess, monitor and report on their condition in order for the Authority to make a full appraisal of the overall condition of the vessel and equipment fitted on them before they are certified to proceed to sea for normal sea trade. Also to inspect equipment on new and existing vessels to ensure compliance with various safety standards and specifications in line with the Merchant Shipping Act 1975 and Merchant Shipping (Safety) Regulation 2006. The marine surveys typically include the structure, machinery and equipment and general condition of a vessel. And this role is responsible for judging materials on board and their condition. The safety certifications are processed only after the surveyor has expressed his/her satisfaction with the overall condition of a ship.

**Principal Accountabilities and Services Standards**

Among the core accountabilities the successful incumbent will:

*Conduct surveys of vessels, assess, monitor and report on their condition in order for the Authority to make a full appraisal of the overall condition of the vessel and equipment's fitted on them before they may be registered and certified to proceed to sea. Inspect equipment on new and existing vessels to ensure compliance with various safety standards and specifications in line with the Merchant Shipping Act 1975 and Merchant Shipping (Safety) Regulation 2006. Judge materials on board and their condition and recommend for issuing safety certifications only after full satisfaction with the overall condition of a ship.*

**Person Specification and Experiences**

The successful person for this position must meet the following requirements:

Skills

Excellent analytical and assessment skills; strong management, organizational skills and ability to multi-tasks; must be a good leader with excellent interpersonal skills and able to lead and work effectively with/in a team; possess good report writing skills, communication and good reasoning skills with the ability to innovate and recommend better ways of doing things.

Knowledge

Demonstrated knowledge in shipbuilding industry, technically conversant with the ship design and various features associated with it; has very good knowledge and understanding of marine insurance, damage and salvage, accident and fraud investigation; has appropriate practical and theoretical knowledge of ships, their operation and the provisions of the relevant national legislations and international conventions.

Qualifications

Minimum qualification is a Bachelor Degree in Engineering or Science, or equivalent qualifications from a marine or nautical institution with appropriate accreditations as a surveyor is advantageous.

Experience

Minimum of 3-5 years of relevant work experience in a relevant capacity.

**Apply Now before CLOSE OF BUSINESS on 24 March 2017**

The National Maritime Safety Authority offers genuine career opportunities with attractive remuneration package for the right candidate. The successful candidate we are seeking will have relevant qualifications and experience in the role; have commitment, takes initiative and have personal integrity.

If you have the necessary skills and experience and meet the requirements for the positions and are interested, submit your application to:

**The Manager Human Talents/Resources, National Maritime Safety Authority, PO Box 668, PORT MORESBY, NCD; Papua New Guinea Level 3, Defens Haus Building. Contact us:** Email: [jobs@nmsa.gov.pg](mailto:jobs@nmsa.gov.pg) or apply online at [www.nmsa.gov.pg](http://www.nmsa.gov.pg).

**ONLY SHORTLISTED APPLICANTS WILL BE CONTACTED**

**Authorised by:  
Paul M Unas – General Manager/CEO  
National Maritime Safety Authority**