

## **POSITION DESCRIPTION**

National Maritime Safety Authority

### **AM8002 - Senior Geographical Information Systems Officer**

Papua New Guinea **National Maritime Safety Authority (NMSA)** was Established by the NMSA Act 2003 and 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.

NMSA is inviting suitably qualified and experienced candidates to apply for this position based in Port Moresby:

#### **Senior Geographic Information Systems Officer**

Reporting to the Manager Hydrography, the role is responsible for collecting geographic and geospatial information and overseeing its storage, analysis and presentation. The incumbent will manage this in a hydrographic database that is developed and maintained as required under SOLAS V Regulation 2, 4 and 9.

#### **Key Responsibilities:**

- Develop and carry out an annual cartographic program for the NMSA in cooperation with AHO
- Ensure PNG hydrographic charts are of the quality and compliance to international standards
- Maintain selected electronic database including primary information required to produce PNG hydrographic charts, manage sales and distribution of charts and other hydrographic products to ensure users have up to date information
- Produce navigational charts for rivers and coastal waters to International Hydrographic Organization (IHO) standards, identify baseline information to confirm under the UN Convention on the Law of the Sea (UNCLOS82) and ensure charts are readily available at a cost recovery price to end users
- Prepare and submit periodical reports to supervisor
- Ensure NMSA values and code of conduct, Occupational Health Safety, Policies and procedures are adhered to at all times.

#### **Expected Competencies:**

- Bachelor's Degree in Cartography
- Minimum of 3 years' experience as a Cartographer
- Knowledge of hydrographic and cartographic equipment
- Knowledge of nautical science, GIS, tides & tidal streams, maritime boundaries, project management and superior survey, charting and mapping principles
- Good understanding of relevant agreements and MOUs including Legal aspects/law of the sea
- Have hydrographic survey techniques and proficiency in the use of hydrographic and cartographic equipment
- Excellent communication, coordination and interpersonal skills.

**This position is open to PNG citizens only.**

**APPLY NOW**

Please visit our website: <https://vanguard.com.pg/vacancies/>

Follow the instructions to complete the online application form and attach the following:

An updated CV, including details of three (3) referees with current contact details.

Full Position Description (PD) can be requested via email [jobs@vanguard.com.pg](mailto:jobs@vanguard.com.pg) alternatively, call (+675) 7500 7500.

**Applications close COB Friday 11th August 2023**

**Only shortlisted applicants will be contacted**

To apply for this position:

- Download and complete the Application Form from <https://vanguard.com.pg>.
- Email the application to [jobs@vanguard.com.pg](mailto:jobs@vanguard.com.pg) together with a copy of your CV in MS Word format.

**Note: Do not include copies of any other documents. You will be asked to provide the originals of certificates etc if you are selected for Interview**