Position Title:	NAVIGATIONAL MONITORING AND INFRASTRUCTURE OFFICER
Reports to:	Senior Navigational Safety Officer
Department	Safety Compliance and Response
Subordinates	NIL
Contract Type	Open Contract
Salary Band	TBA

A. PURPOSE OF THE POSITION

Ensure the safety and efficiency of maritime navigation through the maintenance and monitoring of navigational infrastructure, including overseeing navigational aids, identifying hazards, and implementing preventive measures against maritime incidents.

B. KEY RESPONSIBILITIES

1. Monitor the condition and functionality of navigational aids (buoys, lighthouses, beacons) to ensure regulatory compliance.
2. Conduct regular inspections and maintenance of navigational infrastructure, identifying and addressing defects or hazards.
3. Collaborate with government agencies, port authorities, and maritime stakeholders to coordinate navigational safety initiatives.
4. Analyze navigational data and trends to identify potential risks and recommend improvements.
5. Provide guidance to mariners on navigational matters, including route planning and emergency procedures.
6. Respond to navigational emergencies and incidents, coordinating search and rescue efforts and assisting in investigations.
7. Maintain accurate records and documentation of inspections, maintenance activities, and incident reports.
8. Participate in navigational safety committees and working groups to address industry-wide challenges.
9. Coordinate with maritime agencies to implement navigational safety measures like traffic management systems.
10. Provide training on navigational safety procedures, including collision avoidance and emergency response.

C. KEY PERFORMANCE INDICATORS (KPIS)

1. Timely Maintenance and functionality of navigational infrastructure within regulatory standards.
2. Reduction of navigational hazards and incidents.
3. Timely response to navigational emergencies and effective implementation of corrective actions.
4. Effective collaboration with maritime stakeholders to enhance navigational safety.
5. Successful implementation of navigational safety measures.

6. Completion of regular inspections and maintenance on time.
7. Quality and impact of training programs delivered.
8. Improvement in navigational safety records.
9. Accurate and comprehensive documentation of navigational activities.
10. Engagement in industry-wide navigational safety initiatives.

D. PERSON SPECIFICATION

1. Knowledge and Experience

i. Bachelor's degree in maritime studies, maritime law, navigation, or related field or technical qualifications in maritime – Class 3 Deck or Engineer.
ii. Minimum of 5 years of experience in maritime navigation, navigational infrastructure maintenance, or related field.
iii. Comprehensive knowledge of maritime navigation regulations, navigational aids, and safety procedures.
iv. Proven ability to assess navigational risks and develop effective solutions.
v. Experience in conducting inspections and audits of navigational infrastructure.

2. Skills and Abilities

i. Strong analytical and problem-solving skills.
ii. Excellent communication and interpersonal skills.
iii. Proficiency in navigational software and tools, including electronic charting systems and GPS navigation.
iv. Ability to work effectively under pressure and respond quickly to emergencies.
v. Training and mentoring skills to educate staff and stakeholders.

E. PERSONAL CHARACTER

1. Integrity and ethical conduct.
2. Strong leadership and team-building skills.
3. High level of initiative and self-motivation.
4. Ability to handle high-pressure situations effectively.
5. Commitment to maritime safety and efficiency.

F. SPAN OF CONTROL

1. Organizational wide: Develop, apply, and review navigational policies, procedures, and training programs.
2. Recommending: Nomination of staff for specialized training programs, participation of accredited training providers, and conditions for issuing navigational compliance certificates.

3. Implementing: In-house and on-the-job training programs for staff, navigational audits, and inspections.

G. MSAF LEVELS AND FREEDOM OF ACTION

1. Advisory role on navigational training and infrastructure needs.
2. Actions requiring approval: Training programs, staff nominations, and budget allocations.
3. Constraints: Endorsement and approval of training and capacity building programs by the Manager Safety Compliance and Response and the CEO.

H. PROBLEM SOLVING

1. Address challenges in fast-tracking training to meet navigational safety deadlines.
2. Ensure systematic scheduling of inspections to avoid delays.
3. Secure accredited specialized training and nominate staff without hindering operational status.
4. Develop solutions for international and local training needs amidst budget constraints.
5. Maintain consistency in navigational audits and regulatory obligations. ole requires the ability to address complex administrative and operational challenges, develop strategic solutions, and make informed decisions to support the CEO's initiatives.

I. CONTACTS

1. Internal: CEO, senior management team, department heads, and administrative staff.
2. External: Stakeholders, regulatory bodies, and other external partners.

J. CHALLENGES AND IMPACT

1. Ensure all technical staff are trained and qualified per legislative provisions and international standards.
2. Align MSAF's training and inspection plans with international obligations and local requirements.
3. Promote a culture of navigational safety and efficiency within the organization.

K. ADDITIONAL INFORMATION

1. Regular interaction with various internal and external stakeholders is required.