



## CANDIDATE BRIEFING PACK

### ELECTRO-TECHNICAL OFFICER ILV GRANUAILE

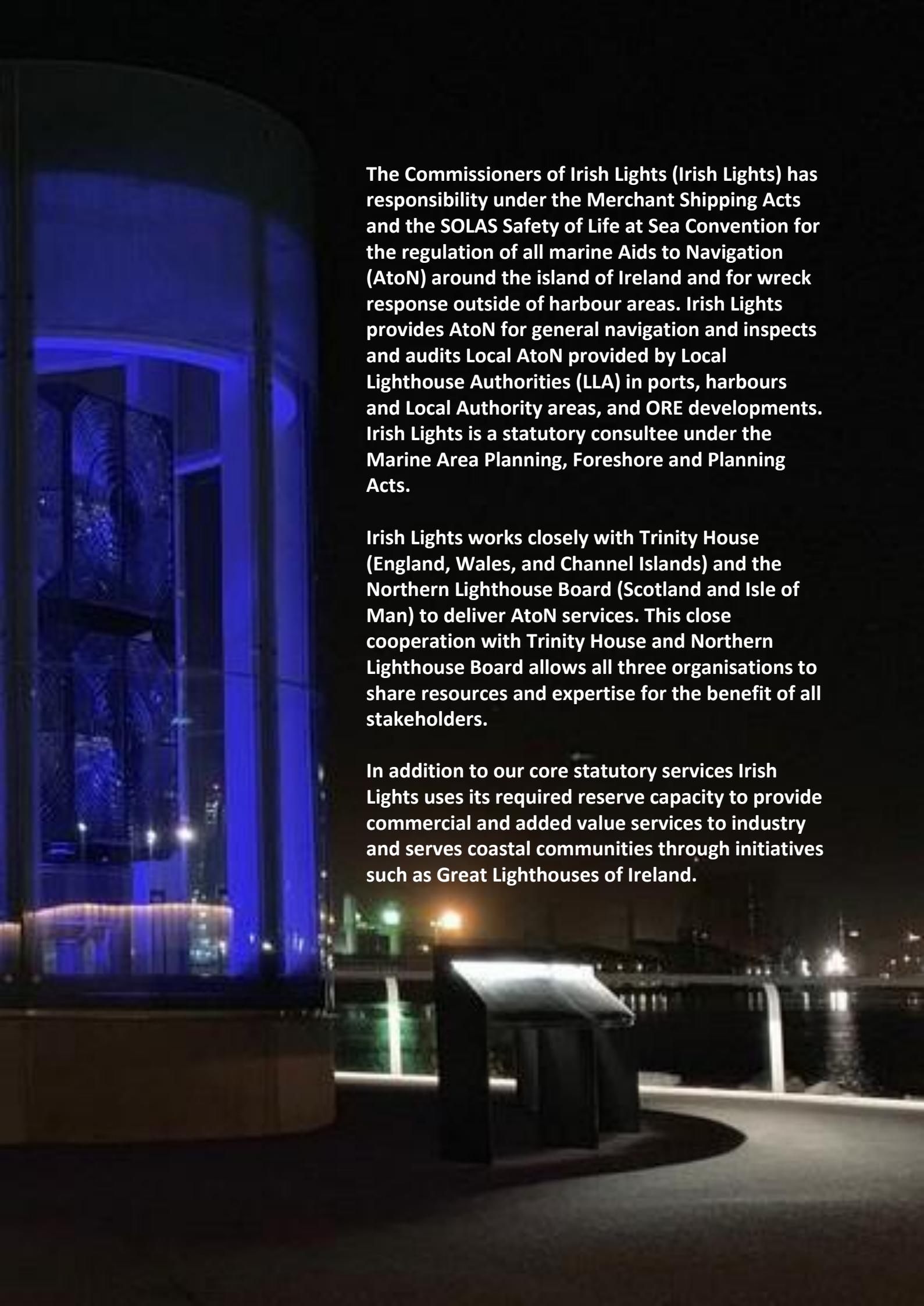
**NAVIGATION, MARITIME AND CONSENTING DEPARTMENT**



**Closing date for applications is 13 February 2026**

@irishlights

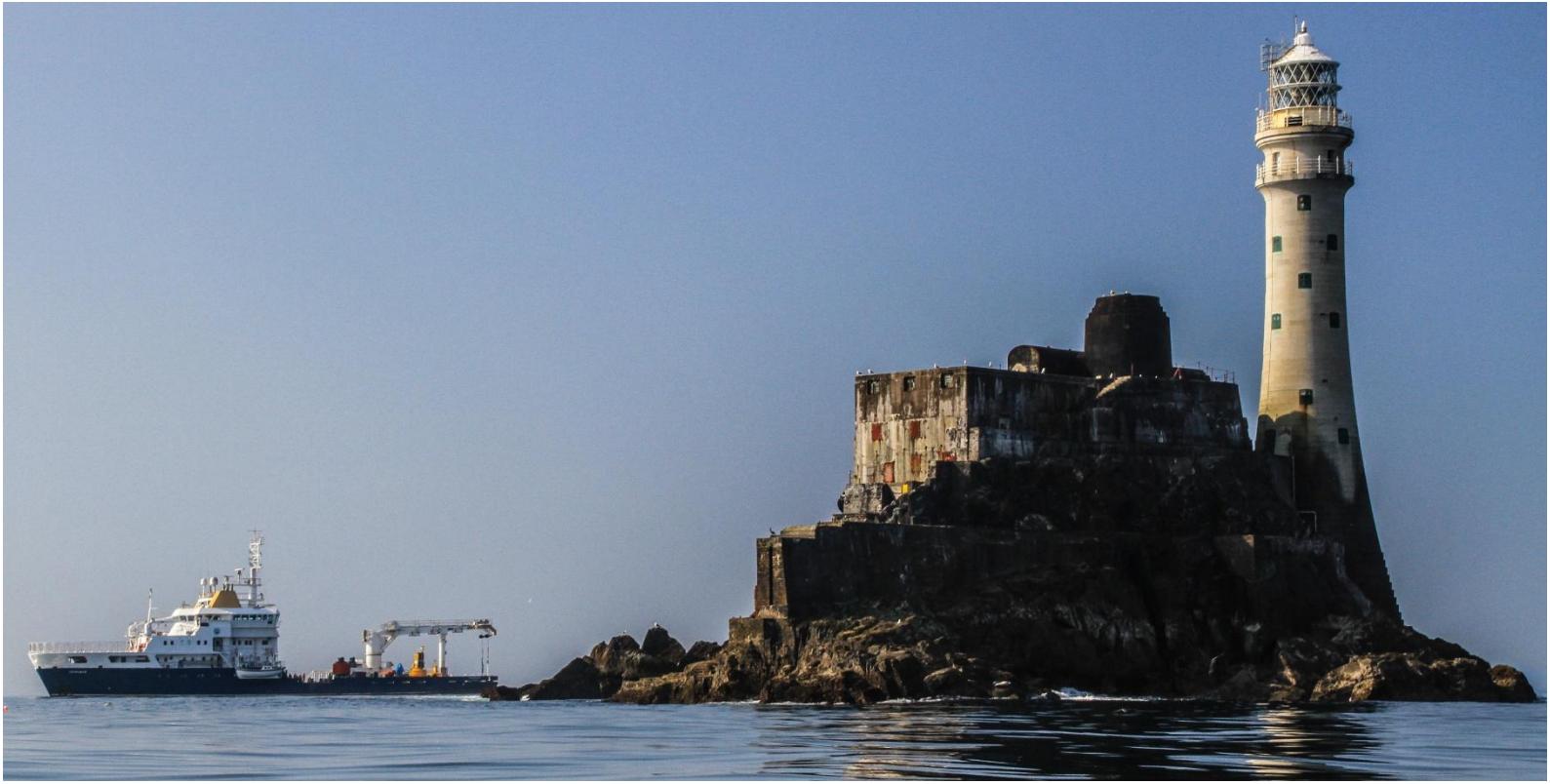
*"Safe Navigation at Sea"*



**The Commissioners of Irish Lights (Irish Lights) has responsibility under the Merchant Shipping Acts and the SOLAS Safety of Life at Sea Convention for the regulation of all marine Aids to Navigation (AtoN) around the island of Ireland and for wreck response outside of harbour areas. Irish Lights provides AtoN for general navigation and inspects and audits Local AtoN provided by Local Lighthouse Authorities (LLA) in ports, harbours and Local Authority areas, and ORE developments. Irish Lights is a statutory consultee under the Marine Area Planning, Foreshore and Planning Acts.**

**Irish Lights works closely with Trinity House (England, Wales, and Channel Islands) and the Northern Lighthouse Board (Scotland and Isle of Man) to deliver AtoN services. This close cooperation with Trinity House and Northern Lighthouse Board allows all three organisations to share resources and expertise for the benefit of all stakeholders.**

**In addition to our core statutory services Irish Lights uses its required reserve capacity to provide commercial and added value services to industry and serves coastal communities through initiatives such as Great Lighthouses of Ireland.**



### Irish Lights Remit

The mission of Irish Lights is Safe Navigation at Sea. We are a maritime organisation delivering essential 24/7 safety and navigation services around Ireland and Northern Ireland, 365 days a year. Playing a lead role in maritime safety, Irish Lights operates a 24-hour emergency response function.

Irish Lights is responsible for Maritime Aids to Navigation under the Safety of Life at Sea (SOLAS) Convention. This remit includes the provision and maintenance of over 340 general aids to navigation, the superintendence of approx. 3,500 local aids to navigation, and marking or removing dangerous wrecks outside harbour areas around Ireland.

Irish Lights also provides a range of navigation and contract commercial services including ship charter, buoy and maritime data. We provide value added services to support the development of the broader maritime economy including Met and Coastal Data Services. The Irish Lights tourism and heritage initiative, 'Great Lighthouses of Ireland' was developed in partnership with local communities and offers visitors from home and abroad the chance to visit or stay in a working lighthouse.

### Mission Statement

**Safe Navigation at Sea:** To be a leading provider of reliable, efficient and cost-effective navigation and maritime services for the safety of all.

### Vision Statement

Irish Lights will be a dynamic, forward facing maritime organisation, conscious of our long history and poised to deliver future safe, smart and sustainable maritime services – at the interface of navigation, technology, data and engineering.

### Values

Irish Lights' strategy will be delivered by holding true to the values of the organisation. Our Values set the foundation for our interactions with our stakeholders, customers, suppliers, and the community. These values, which are the cornerstone for the success of the organisation, are as follows:

- Professionalism
- Respect
- Trust
- Quality
- Innovation
- Collaboration

## Goals and Key Focus Areas for 2025–2030

This 2025–2030 strategy is strongly focused on safe navigation through the provision and regulation of Aids to Navigation to the international standards set by IALA. The strategy recognises the importance of this infrastructure to safe, efficient, and environmentally responsible trade encompassing over 90% of goods brought to/from the island of Ireland.

It also recognises:

- the central importance of addressing the drivers of strategic change, including climate action measures at the forefront of our work programmes including measures to deliver our Climate Action Roadmap.
- the increasing demands on our sea space and the need for collaboration to deliver the best Marine Spatial Planning outcomes for all users. Existing shipping, fishing and leisure activities will be required to share our sea space and coexist with ORE developments, MPA's and DMAPs.

### Strategic Goals and Focus Areas 2025–2030



**1. Ensure Safe Navigation for All** Provide and regulate to international standards a network of marine aids to navigation around the island of Ireland, which is secure, resilient, and technically advanced and which protects lives, the economy, trade and the environment.



**2. Demonstrate Leadership, Collaboration and Alignment at National and International Level** Act as trusted experts working in co-operation with our national, GLA, and international partners, to align the development of safe navigation services to evolving policy, regulatory and industry needs, using innovative technology and promoting the shared and safe use of the maritime domain.



**3. Commit to Sustainable Operations, Climate Action, Protection of the Environment and Biodiversity**

Make a difference by managing climate risks, reducing our impact on the environment, promoting biodiversity and capturing the opportunities that sustainability can bring.



**4. Serve Coastal Communities, Safeguarding and Sharing Our Maritime Heritage**

Build relationships at a local level, by promoting the use of maritime heritage assets and by growing and harnessing our all-island Great Lighthouses of Ireland tourism partnership to maximise local benefits.



**5. Deliver Excellence and Stay True to Our Values** Combine the skills and expertise of our

employees with new technologies to drive quality, reliability and continuous improvement, maintaining excellence and staying true to our values of Professionalism, Quality, Respect, Innovation, Trust and Collaboration

# Electro-Technical Officer

## ILV Granuaile



### About ILV Granuaile

The Irish Lights vessel Granuaile is an 80-metre multifunctional vessel with Dynamic Positioning capability. The vessel's primary function is to service our 140 offshore navigation buoys and offshore lighthouses. Other operations include a variety of commercial activities including subsea works. Primarily operating around the coasts of Ireland and the UK in support of the General Lighthouse Authorities including Trinity House and the Northern Lighthouse Board. ILV Granuaile is certified to operate world-wide if required.

The ILV Granuaile serves as a helicopter platform for servicing offshore lighthouses and is available to assist State agencies with search & rescue, emergency towing, oil pollution control, surveying, ROV operations and offshore data collection.

During normal service operations, the ship's complement consists of 15 persons along with a small number of trainees/cadets, as and when available. The total complement can increase to 28 persons, including contractors, when the ship is engaged in commercial operations.

### Overview of Role

Reporting directly to the Engineering Operations Manager (EOM) as the Chief Engineer, the Electro-Technical Officer (ETO) will be responsible for all aspects of on-board maintenance of electrical systems, electronic and navigational equipment including Dynamic Positioning (DP) equipment and Multi Beam Echo Sounder equipment, ensuring that all repairs and servicing is carried out to the highest standards. The role of the ETO is to manage the effective day-to-day operation and maintenance of the vessel's electrical power and distribution system, bridge systems including survey equipment, hotel systems and all electrical safety systems in conjunction with the Engineering Operations Officer (EOO) as 2<sup>nd</sup> Engineer, and reporting to the EOM. The ETO actively supports the Technical Team in the safe, efficient, and effective, running of the plant with due considerations to the Vessel operations and the environmental impact. The ETO also provides technical advice and assistance in the repair and replacement of electrical & electronic Aids to Navigation (AtoN) equipment.

This role offers ample variety so the successful candidate must be keen to build their knowledge and skills as they shape the role around their own aspirations. The ability to quickly get to grips with new technology is also important.

### Accountabilities

#### *Shipboard Systems*

- Be responsible for the day to day planned, predictive and breakdown maintenance of electrical and electronic plant and equipment on Granuaile to the requirements of Lloyds Classification Society rules and Flag State Legislation together with service requirements and equipment specific manuals.
- Adhere closely with the planned preventative maintenance system onboard. Ensuring the onboard inventory of spares is kept within required limits and to initiate actions to replenish within a timely period.
- Have a comprehensive knowledge of the Vessel's power generation, distribution system, power management system, propulsion system, auxiliary systems including hotel services, Cranes, Hydraulics etc and all aspects of bridge integrated systems including survey equipment.
- Be responsible for Communication equipment maintenance and vessel security systems.
- Assist and engage with Contractors and third parties with their installations and operations of external equipment that's fitted onboard upon request from time to time.



### ***Shipboard Systems (Contd.)***

- Assist the onboard Technical and Operations team as required in the planned maintenance and repair response of electrical/electronic systems fitted to Aids to Navigation. (buoys, fixed beacons, lighthouses).

### ***Drydocks, refits and maintenance periods***

- Actively assist the EOM in the preparation and progress for Newbuild, and Projects such as dry dock, refit periods, upgrades and prospective Lloyds Classification Society and Flag State Legislator inspections.

### ***Planned Maintenance***

- Operation of the planned preventative maintenance system onboard, daily upkeep of job orders, issuing work.
- Initiating (in conjunction with the EOM) procurement from the system.
- Take an active role in the development of the planned preventative maintenance system within his area of responsibility.

### ***Management***

- To "On Site" manage contractors within his area of responsibility.
- Be responsible (in conjunction with the EOM/Chief) to prepare Budget Bids and monthly reports.

### ***Health and Safety***

- In conjunction with the EOM and EOO, be responsible for conducting emergency response, including internal, ISM (code) and local authority requirements as applicable.
- Be conversant with the correct operation and maintenance of fixed Fire Fighting systems for machinery spaces and other areas of the ship covered by similar installations.
- Ensure safe procedures for operations within the main machinery space and auxiliary machinery throughout the Vessel, including implementing statutory regulations, official publications, and manufacturer's guidelines.
- Be aware of Irish lights Environmental and Safety Policies and be responsible with the EOM for correct disposal of waste electrical items.
- Adhere to stated policies and procedures relating to health, safety, and environmental and quality management.

### ***Essential Qualifications (All in date)***

- A Watch keeping Electro Technical Officer STCW Certificate of Competency (III/6)
- GMDSS Radio Maintenance Certificate
- Electronic Navigation Equipment Maintenance Certificate (III/6)
- Relevant Medical Certificate
- All applicable STCW certificates and mandatory training and certification requirements for the position
- Marlin test achieved of at least 90% (If English not first language)

### ***Desirable Qualifications***

- Bachelor of Engineering in Marine Electro Technology QQI Level 7 or Qualified to HND Electrical Engineering / Electrical and Electronic Engineering / NVQ Level 3
- Engineer Officers Certificate of Competency (III/I)
- Merchant Vessel Engineering or equivalent level



### Minimum experience and skills

- Proficiency In Ships automation and PMS systems example K-Chief.
- Strong IT skills including network troubleshooting.
- Experience of Working at Heights (periodic)
- Excellent interpersonal skills
- Demonstrating ownership of tasks and responsibilities
- Strong communication and teamwork skills
- Ability to carry out tasks efficiently

### Desirable training, experience and skills

- A minimum of 1 year validity remaining on Medical and STCW certifications
- DP Maintenance training
- Proficiency in Multibeam Sonar and Survey positioning systems
- Approved High Voltage training
- Hold a Full Driving licence
- Experience and understanding of ISM /Safety Management

### Hours of Work

The successful candidate will join one of two crews who operate a 4 week on/off roster on board the ILV Granuaile.

### Travel and Subsistence

Travel and subsistence expenses are paid to employees required to travel, in accordance with approved rates.

Please note that travel expenses for employees are only paid within the island of Ireland.

### Salary

The annual pay scale of €57,860 - €69,064 (8 points).

### Competencies required in the Role.

#### Core

- **Personal Responsibility** – Taking responsibility for your own actions and being open to learning and change
- **Manage Work** – Identifying, prioritising and organising work for delivery. Taking ownership and being accountable for your work
- **Communicate Effectively** – Two-way information sharing process which involves sending a message in a clear and responsible way that is easily understood
- **Teamwork** – Working collaboratively with others, both within and outside your department, to achieve the best outcome

### Management

- **Leadership** – Understanding the importance of leadership for the achievement of Irish Lights goals. Demonstrating the skills to lead employees to achieve success
- **Drive for Results** – Consistently performance through people by demonstrating drive, flexibility and a willingness to take action and complete tasks. Being resilient and courageous in the face of setbacks
- **Support Others** – Identifying with and understanding the needs and viewpoints of others and supporting employee's development and wellbeing. Genuinely valuing the inputs and expertise of all employee's
- **Strategic Thinking** – Demonstrating the capacity to think big picture as well as the focus on the detail. Ensuring work is aligned with the business objectives and strategic direction.



## **Terms & Benefits\***

Irish Lights offers a comprehensive and market-competitive range of benefits to employees, including a generous range of family friendly/flexible working policies and a commitment to the further development and education of its staff.

**Death in service pension benefits:** The pension scheme will pay 2 times annual salary to a nominated person(s) in the event of a member's death in service.

**Employee Assistance Programme (EAP):** Irish Lights provides an independent, 100% confidential EAP service, delivered through VHI, offering professional and impartial advice, information and counselling on a range of issues including legal, financial, and health matters. This service is free to employees and is also available to immediate family members.

**Family Friendly Policies:** Irish Lights has a range of family friendly policies that allow employees to balance work with other aspects of their lives. These include Maternity, Paternity, Parents, Adoptive and Parental Leave provisions, the majority of which have elements which are enhanced beyond the statutory entitlements.

**Occupational Health Service:** Irish Lights works with an independent Occupational Health service provider, who provides support and advice for employees who have an illness or a medical condition affecting their ability to work.

**Remuneration:** An attractive salary range and pension benefit are attached to this role.

**Repatriation** - You will be entitled to repatriation in accordance with the repatriation provisions.

**Sickness Absence Provisions:** For employees unfortunate enough to become ill, the Sick Leave Policy provides up to a total of 13 weeks paid leave (less any social welfare payments) in one year, followed by a further 13 weeks half pay (less half of any social welfare payments) thereafter, subject to a maximum of a total of 26 weeks paid sick leave in any four year period. These benefits are enhanced after 3 years satisfactory service.

**Training and Development support:** Irish Lights aims to ensure that all employees have the knowledge, skills and experience necessary to be successful in their roles and to fulfil their career potential and operates a Performance and Development Process through which development can be planned and achieved.

*\* To be considered for this role, candidates must be able to prove they have the right to work in Ireland. Applicants should note that eligibility is determined by the Department of Enterprise, Trade and Employment. Further information regarding eligibility is available at: <https://enterprise.gov.ie/en/what-we-do/workplace-and-skills/employment-permits/employment-permit-eligibility/>*

*Non-EEA applicants are responsible for ensuring they can secure a visa to travel to Ireland. Any offer of employment is conditional on applicants securing the appropriate employment permissions.*



## How to Apply

**Applications with CV and cover letter to be submitted to;**

Gemma Gregan, HR Advisor  
E: [human.resources@irishlights.ie](mailto:human.resources@irishlights.ie)  
T: +353 1 2715400

**Closing date for applications is midnight on 13 February 2026.**

Please view [Irish Lights Job Applicant Privacy Notice](#) on the Vacancies page of our website.



*The Commissioners of Irish Lights is an equal opportunities employer and promotes diversity in the workplace*