

GAC Training & Service Solutions

Powered by **National Maritime College of Ireland (NMCI)**

LNG carrier operations in port



Deepen your knowledge and understanding of the 'LNG Chain'.



Delivering your strategy.



Fully flexible learning for the global shipping community

GAC Training & Service Solutions (GTSS) is dedicated to delivering specialised, high value, technologically advanced training courses and empowering professionals in the maritime, transport and commodity sectors.

The Liquefied Natural Gas (LNG) industry has expanded rapidly over the last decade. Today, the highest safety standards are more critical than ever as the industry strives to maintain its enviable safety record – untarnished since the shipping of LNG began in 1959.

Safety – all the way

Throughout the ‘LNG Chain’ (from wells to end user), safety is paramount. Continuous LNG boil off during storage ashore, coupled with the way in which LNG is sold, mean safe, cost efficient and punctual shipping between ports is vital. Ensuring the safe passage of LNG carriers (LNGCs) through restricted waters, and that the highest safety standards are maintained in the ship/shore interface at terminals, is the responsibility of everyone involved in the transport of LNG.

Suitable for all

For newcomers to the LNG world or for those already in the industry in need of a refresher, GTSS has developed this 2-day course to provide an overview of the most critical part of the LNG Chain – the ship/shore interface and associated operations.

The course covers:

- An explanation of the LNG Chain and the importance of safety
- Mooring and LNG jetty head layouts
- Role of key organisations (IMO, SIGTTO, OCIMF, etc)

- Security measures and restrictions around terminals
- The correct type and use of Personal Protective Equipment (PPE) and firefighting equipment
- Pre-docking operation procedures, safe and precise berthing
- How LNG is measured and calculated
- Pre Custody Transfer safety and operation, including checklists
- Pre Custody Transfer Marine Emergency Shut Down (ESD) tests and line cooldown
- Monitoring of Custody Transfer and emergency contingency plans
- Keeping accurate records and issuing Letters of Protest
- Options during any emergency while an LNGC is alongside the LNG berth

The course gives participants a unique opportunity to interact directly with some of the industry’s most experienced authorities on oil transportation and measurement.

Who should attend?

Anyone working within the shipping industry such as ship owners, operators, brokers, managers, charterers and commodity traders.

Bespoke options

This course can be tailored to suit our clients’ exact training specifications.



THE NATIONAL MARITIME COLLEGE OF IRELAND

Overlooking the city of Cork is the world’s most advanced maritime academic facility – the \$100 million National Maritime College of Ireland. Just a 45-minute hop from London Heathrow Airport, the NMCI is perfectly located to meet the growing training needs of the global shipping community. GTSS combines the NMCI’s state-of-the-art facilities (including a 17 bridge simulator suite and survival pool) with GAC’s global reach and over 60 years of shipping experience. Courses can take place at the NMCI, online, at the client’s or any other location or any combination of these. Courses are developed and delivered by some of the most respected names in maritime training.





Empower your personnel to drive your business forward

About GAC Training & Service Solutions

GAC Training & Service Solutions is part of the GAC Group, a global shipping, logistics and marine services provider, with over 9,000 employees operating in 300 offices worldwide. In partnership with National Maritime College of Ireland, we provide expert delivery of a portfolio of training courses for both seafarers and shore-based shipping personnel.

The GAC advantage

- World-class dedicated training available worldwide, delivered by industry experts
- \$100 million state-of-the-art facilities
- Virtual experiences with R2S digital imagery
- Onsite, offsite or blended learning to suit clients' needs
- Health, safety and environmental compliance

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