

Handling LNG as cargo and fuel

12 July 2022

11.00 - 15.30 EEST



WEBINAR

Addressed to crew officers
(deck and engine) & office personnel
of HELMEPA Member companies

Schedule

11.00 – 12.30	Facilitating the LNG transition: The Flag's perspective — Bermuda Ship Registry
12.30 – 12.45	Break
12.45 – 15.15	Specific technical issues for LNG carriers & handling LNG as fuel — GasLog
15.15 – 15.30	Q&As / Wrap-up / Closure

Outline | Learning Objectives

Facilitating the LNG transition: The Flag's perspective

The BSMA presentation will aim to give a Flag perspective of the regulatory requirements for certification and manning of vessels and a brief outline of the physical and technical aspects of using LNG as a fuel with an introduction to the IGF Code.

- Flag requirements for IGF certification.
- Seafarer training and certification requirements.
- Introduction to IGF Code.
- Considerations to selecting LNG as a fuel.
- Introduction to technical aspects of using LNG as fuel.

Specific technical issues for LNG carriers & handling LNG as fuel

- Introduction to LNG
- General Description of cargo Tanks
- Cargo Handling Equipment
- Cargo operations
- NBOG / FBOG for propulsion
- LNG/c Propulsion types
- Emissions control for Sox & Nox

The course is intended to provide attendees with:

- An understanding on technologies related to LNG machinery, equipment & structure on board vessels
- An understanding of the effects on the behavior of the LNG
- Familiarization with the various abbreviations used on board and during cargo operations
- Comprehension of a basic understanding of the cargo operations such as cooling down of cargo tanks, Loading & discharging operation, etc.
- An introduction in the different LNG/c Propulsion types

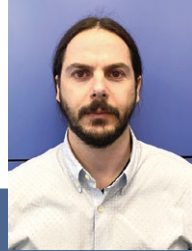


Mike BARNETT

Senior Ship and Engineer Surveyor
Bermuda Shipping and Maritime Authority

Mike is a Chartered Marine Engineer based in the UK and started his surveying career with Lloyds Register of Shipping in 1991 working for LR world-wide.

In 2001 he moved to the UK Maritime and Coastguard Agency as a Ship Surveyor and was promoted to Principal Marine Surveyor in 2003 before joining the Bermuda Shipping and Maritime Authority as a Senior Ship and Engineer Surveyor in 2014.



Cpt Fotios GIANNOPOULOS

Fleet Trainer
GasLog

- Over 18 years experience in the shipping industry including crude oil tankers and specifically on LNG carriers
- Working with GasLog since 2012
- Serving as a Master Mariner on GasLog vessels since 2018
- Assigned the role of Fleet Trainer in October 2019
- Holder of Train the Trainer, Qualified Assessor, Authorized K-Sim Navi & Cargo Operator



Chief Sokratis PARASKOUDAS

Fleet Trainer
GasLog

- Over 20 years experience in the shipping industry and specifically on Oil Tankers, LPG and LNG carriers
- Serving as a Chief Engineer since 1994
- Working with GasLog since 2011
- Assigned the role of Fleet Trainer in March 2019
- Holder of Train the Trainer & Qualified Assessor certifications, Authorized K-Sim Engine Operator



Steve BROOMAN

Senior Ship and Engineer Surveyor
Bermuda Shipping and Maritime Authority

Steve started his career in the UK Royal Navy before moving across to the Merchant Navy and sailed as Chief Engineer.

Following a spell ashore as a Technical Superintendent he moved to the UK Maritime and Coastguard Agency as an Engineer and Ship Surveyor in 2003.

Steve took up his current appointment with the Bermuda Shipping and Maritime Authority as a Senior Ship and Engineer Surveyor in 2014.