

# SESSIONS

## GAS SHIPPING VIRTUAL AGENDA -

## Gas Shipping

11 November 2020  
Virtual Conference  
Delivered Online (UK Time)

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### Registration & Welcome to the Virtual Summit

09:30 - 10:00

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### Chair's opening remarks

10:00 - 10:05

### Participants

**Andrew Clifton** - General Manager & Chief Executive, SIGTTO

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### Outlining market trends and their impact on the gas shipping sector going forward

10:05 - 10:25

Sizing up the global fleet - shifts in gas carrier markets

- Changing face of LNG, LPG and Ethane shipping and impact of COVID-19
- How is oversupply in the market affecting domestic use and external exports?
- Determining the pricing strategy for LNG in face of low prices – what does this mean for vessel activity?
- Long-term contracts vs a new world of low prices
- Impact on ship capacity, prices and demand for new builds

### Participants

**Debbie Turner** - Senior LNG Broker, Howe Robinson Partners

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### Medium & long-term forecasts of LNG charter rates

10:25 - 10:45

Sizing up the global fleet - shifts in gas carrier markets

- LNG carriers' forecasted levels of charter rates to 2040, based on proprietary modelling
- Analysis of main drivers impacting medium-term prices
- Assessment of variations in charter rates under different reference LNG trade scenarios

### Participants

**Emmanuel Grand** - Managing Director, FTI Consulting

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### Ship owner perspective: Ethane ships capacity and transportation from the US to Asia

On demand

Sizing up the global fleet - shifts in gas carrier markets

- Future trade opportunities, price points and demand
- Ship capacity and infrastructure

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### Joint Q&A with the speakers

10:50 - 11:00

Sizing up the global fleet - shifts in gas carrier markets

Ask your questions

This is the time to ask your questions to the session speakers. Remember to post questions throughout the presentations and our moderator will ask them on your behalf.

### Participants

**Debbie Turner** - Senior LNG Broker, Howe Robinson Partners

**Emmanuel Grand** - Managing Director, FTI Consulting

**Moderated By: Andrew Clifton** - General Manager & Chief Executive, SIGTTO

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### Networking Break

11:00 - 11:15

Sizing up the global fleet - shifts in gas carrier markets

Take 20 mins to stretch your legs, grab a coffee or network with fellow attendees through the virtual platform!

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### LPG Shipping, past, present and future

11:15 - 11:35

Sizing up the global fleet - shifts in gas carrier markets

### Participants

**Andrew Clifton** - General Manager & Chief Executive, SIGTTO

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### LPG as a fuel trend in the next five years

On demand

Sizing up the global fleet - shifts in gas carrier markets

- US growth opportunities
- Asian demand – south east, far east and sub-continent
- LPG commodity outlook and its impact on the shipping market

### Participants

**Nikos Xydias** - Technical Director, World LPG Association

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### Joint LPG Q&A : How can the industry collaborate to meet capacity, build new technologies on ships and gain efficiencies to tide over the current market situation?

11:40 - 11:55

Sizing up the global fleet - shifts in gas carrier markets

### Participants

**Moderated By: Andrew Clifton** - General Manager & Chief Executive, SIGTTO

**Kostas Vlachos** - Chief Operating Officer, LATSCO

**Chris Clucas** - Chairman and expert consultant, SGMF and Liquefied Gas Consultant Bernhard Schulte Ship Management

**Nikos Xydias** - Technical Director, World LPG Association

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### LNG trends shipowner's perspective on global LNG trade – the challenge and changes

11:55 - 12:15

Sizing up the global fleet - shifts in gas carrier markets

- Outlook on long term demand vs long term supply
- Are we really entering the golden age of gas and can the global fleet meet the glut?
- How are evolving trade patterns impacting contracts and the chartering of vessels?

### Participants

**Martin Baber** - Senior Manager, Business Development & Chartering, LNG MOL (Europe Africa) Ltd

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### PANEL with LIVE Q&A: Achieving sustainability in Shipping – towards 2050 decarbonisation targets

12:15 - 13:00

Sizing up the global fleet - shifts in gas carrier markets

- Future fuels, decarbonisation, and infrastructure – how is it all going to work together?
- Which of these fuels might lead to the transition and what are the associated risks?
- Latest European announcement on ETS – how will the investments get allocated in marine technologies and managed at a regional level?
- Hydrogen and CO2 shipping prospects and challenges
- View on the next practical steps for the industry: as ships get bigger with more efficient engines, how is the industry looking to adapt to fit the small scale, accommodate energy boil offs, and achieve energy efficiency?

#### Participants

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**Chris Clucas** - Chairman and expert consultant, SGMF and Liquefied Gas Consultant Bernhard Schulte Ship Management

**Kostas Vlachos** - Chief Operating Officer, LATSCO

**Nikos Xydias** - Technical Director, World LPG Association

**Martin Baber** - Senior Manager, Business Development & Chartering, LNG MOL (Europe Africa) Ltd

### Online Networking Lunch

13:00 - 14:00

Take 60 mins to stretch your legs, grab a coffee or network with fellow attendees through the virtual platform!

### Regulations to aligning technologies to environment policies for gas ships – LNG, LPG and Ethane

On demand

The environmental footprint of liquefied gas carriers and onboard technologies

- Demand for achieving flexibility in carriers to use alternative clean fuels
- Achieving ship efficiency through innovative design and technology

#### Participants

**Carlos Guerrero** - Global Market Leader Gas Carriers and Oil Tankers, Bureau Veritas Marine & Offshore Division

### Designing a user-friendly mooring analysis tool for LNG carriers

On demand

The environmental footprint of liquefied gas carriers and onboard technologies

- Common issues that should be addressed: software installation and upgrade, sharing up to date ship and berth data, data entry errors, computer processing power for dynamic calculations
- Proposed solutions: browser-based application, 3D visualisation, Microsoft Azure Cloud to securely share LNG berth/ship data and offload the calculations
- Feedback from our Beta tests
- Calculation methodology and verification, static calculations, dynamic calculations, ship to ship

#### Participants

**Johan Machtelinckx** - Technical Director, Witherbys

**Mark McBride** - Group Manager, Ships, HR Wallingford

### Ship to ship LNG bunkering operations under various conditions

14:10 - 14:30

The environmental footprint of liquefied gas carriers and onboard technologies

- Design and technical features of LNG bunker vessels
- Challenges of bunkering under various conditions

#### Participants

**Johannes Dziuba** - Sales Engineer, TGE Marine Gas Engineering GmbH

### Joint Live Q&A with the speakers

14:30 - 14:55

The environmental footprint of liquefied gas carriers and onboard technologies

Ask your questions

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#### Participants

**Moderated By: Andrew Clifton** - General Manager & Chief Executive, SIGTTO

**Johannes Dziuba** - Sales Engineer, TGE Marine Gas Engineering GmbH

**Johan Machtelinckx** - Technical Director, Witherbys

**Mark McBride** - Group Manager, Ships, HR Wallingford

**Carlos Guerrero** - Global Market Leader Gas Carriers and Oil Tankers, Bureau Veritas Marine & Offshore Division

### Networking Break

14:55 - 15:25

Take 20 mins to stretch your legs, grab a coffee or network with fellow attendees through the virtual platform!

### Floating import terminals future trend – converting traditional vessels into FSUs and gas to power projects

15:25 - 15:50

Gas-to-power conversions and future trends in floating imports

- Integrated power barge FSU
- Standardising small-scale vessels and new builds for small scale, key differences
- State of competition in shipping markets
- Conversion examples of OSV to regas barge and OSV to bunker in developing markets

#### Participants

**Mehmet Katmer** - Director, Business Development, Karpowership

**York Ishibe** - Head of Power Group, Offshore Projects Division, MOL

### What has been achieved for use of LNG as a marine fuel last three years and what's coming up next - European perspective

On demand

Gas-to-power conversions and future trends in floating imports

#### Participants

**Jan Schubert** - Head of Marine LNG Business Development, LIQUIND Marine

### What has been achieved for use of LNG as a marine fuel last three years and what's coming up next - US perspective

On demand

Gas-to-power conversions and future trends in floating imports

- What type of vessels is best for bunkering in capability and size?
- Highlighting the basic value chains, designs and economics from large-scale terminal up to LNG-fuelled vessel
- Charter rates

#### Participants

**Dallas D. Smith** - Director of LNG & Offshore Technology & General Manager, LISCR Houston

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### Joint Live Q&A with the speakers

16:00 - 16:15

Gas-to-power conversions and future trends in floating imports

Ask your questions

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#### Participants

**Dallas D. Smith** - Director of LNG & Offshore Technology & General Manager, LISCR Houston

**Jan Schubert** - Head of Marine LNG Business Development, LIQUIND Marine

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**York Ishibe** - Head of Power Group, Offshore Projects Division, MOL

**Moderated By: Andrew Clifton** - General Manager & Chief Executive, SIGTTO

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### Networking Break

16:15 - 16:25

Take 10 mins to stretch your legs, grab a coffee or network with fellow attendees through the virtual platform and submit your questions!

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### Closing panel and Q&A: Funding models 2021 and beyond – what are the determining factors?

16:25 - 16:55

Current and future ship financing and trade

- What are the key issues with respect to investment in new ships in general (because the issues are not just linked to LNG)?
- What are the economics of the old ships and future investments in new builds - is fuel the guiding factor alone?
- Where will the funding come from – or where should it come from?
- What can the industry do to overcome some of the barriers

#### Participants

**Paul Sullivan** - Senior Vice President - Global LNG and FLNG, Worley

**Tony Foster** - CEO/CIO, Marine Capital Ltd

**York Ishibe** - Head of Power Group, Offshore Projects Division, MOL

**Emile Karsten** - Executive Director Transportation, ABN AMRO Oslo Branch

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### Mental health of seafarers

On demand

Current and future ship financing and trade

#### Participants

**Mehmet Doymus** - Lecturer, Dokuz Eylül Üniversitesi, Turkey

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### Informal networking and Chairman's closing remarks

17:00 - 17:30

This is the time to grab a drink and join the informal chatrooms to network and speak to your peers!

#### Participants

**Andrew Clifton** - General Manager & Chief Executive, SIGTTO

# SCHEDULE

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15:00		<p>15:25 - Floating import terminals future trend – converting traditional vessels into FSUs and gas to power projects</p> <p><b>On demand</b> - What has been achieved for use of LNG as a marine fuel last three years and what's coming up next - European perspective</p> <p><b>On demand</b> - What has been achieved for use of LNG as a marine fuel last three years and what's coming up next - US perspective</p>		
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