

LNG CARRIERS

Transportation demand – Chartering opportunities – New building Trends – Design and technology

24 – 26 October 2011
JW Marriott, Seoul, South Korea

Top Ship Owners and Industry Experts



Bagoes Krisnamoerti
President Director,
PT. Humpuss Intermoda
Transportasi Tbk, Indonesia



Takeshi Hashimoto
Executive Officer,
Mitsui O.S.K. Lines, Ltd, Japan



Simon Davies
Director – Oil & Gas,
Australia and New Zealand Banking
Group Limited, Singapore



John Theodorakis
Executive,
BW Ventures, Singapore



Per-Christian W. Fett
Director,
Fearnley LNG, Norway



David Higgins
Director – International Marine
Projects, Honeywell Process
Solutions, Singapore



Mark K. Lane
Senior Vice President – Operations,
Excelerate Energy L.P., USA



Sean Rodrigues
Chief Representative – Korea,
Woodside Energy Australia Asia
Holdings Pte Ltd, South Korea

Key Discussion Themes:

- Regional and international LNG market outlook
- The impact of developing trade routes on LNG Shipping
- New investment in LNG infrastructure and impact on transportation
- Ship Owner Panel on Transportation Demand, and Appetite for new build investment
- Shipbuilding trends and order book update
- Design and Technology developments for LNG carriers
- Chartering opportunities, and risk management strategies



Pre-Conference Workshop
on 24 October

**Charter Party Agreements
for LNG Carriers**

Co-located with:

FLNG Korea

- ▶ Meet with LNG Producers & Charterers
- ▶ Network with speakers and attendees from both events
- ▶ Spot new Chartering Opportunities

www.lngcarriersconference.com

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0800 **Welcome coffee and registration**

0855 **Opening Remarks from the Chairman**
Per-Christian W. Fett, *Director, Fearnley LNG, Norway*

The Changing Face of LNG Markets

0900 **Global LNG Markets and Asia in Context**

- Macroeconomic Overview
- Gas Markets outlook
- Drivers and Trends in the LNG market
- LNG and FLNG forecast for 2012

Jason Waldie, *Director, Douglas Westwood, Singapore*

0930 **Managing the Immediate and Long Term Impact of Japan's Demand**

- Import predictions for Japan
- Factors likely to impact demand
- Infrastructure investment coming up

Takeshi Hashimoto, *Executive Officer, Mitsui O.S.K. Lines, Ltd, Japan*

Developments in LNG Trade Lanes

1000 **Long Term Outlook for Indonesia LNG**

- Illustration of Domestic demand
- Small Scale LNG investment in the region

Bagoes Krisnamoerti, *President Director, PT. Humpuss Intermoda Transportasi Tbk, Indonesia*

1030 **Q&A followed by Refreshment Break**

1115 **Australian Liquefaction Capacity and its Impact on Far East LNG Trade**

- Medium to long term LNG export outlook
- Update on key infrastructure projects
- Expected demand for transportation and logistics solutions

Sean Rodrigues, *Chief Representative – Korea, Woodside Energy Australia Asia Holdings Pte Ltd, South Korea*

1145 **Malaysia LNG outlook**

- Demand of LNG
- Upcoming investment on LNG plants
- Technology developments, and expectations from shipping companies

Subbu Bettadapura, *Director – Energy Power Systems, Frost & Sullivan Asia Pacific, Malaysia*

1215 **Q&A followed by Lunch**

Market Drivers for LNG Shipping

1400 **Examining the Impact of Industry Trends on LNG Shipping**

- Bottle neck in ship availability
- Industry capacity to meet demand
- Fleet demand by vessel type
- Day Rates forecast for LNG Carriers
- Trade routes likely to benefit in the medium to long term

Pranay Shukla, *Senior Research Analyst, Drewry, India*

1430 **Intelligent LNG Shipping: Responding to growing complexity in LNG Ships and Shipping Operations**

LNG shipping operations are becoming more complex especially with increasingly larger and more complex ships with additional routes to new LNG customers, a growing and unpredictable spot market and increasing costs and staff shortages. We will overview the latest techniques and solutions for streamlining LNG shipping operations while increasing reliability, safety and efficiency.

David Higgins, *Director – International Marine Projects, Honeywell Process Solutions, Singapore*

1500 **Ship Owner Panel: Appetite for New Investment in the LNG Carriers Segment**

- Measuring Demand projections for LNG Transport
- Outlook for new investment
- Availability of finance, and key criteria
- Guarding against speculation

Moderator:

Joe Spirito, *Director for Strategic Relationships, Honeywell Process Solutions – Asia Pacific*

Panelists:

Takeshi Hashimoto, *Executive Officer, Mitsui O.S.K. Lines, Ltd, Japan*

Per-Christian W. Fett, *Director, Fearnley LNG, Norway*

Mark K. Lane, *Senior Vice President – Operations, Excelerate Energy L.P., USA*

1530 **Refreshment Break**

1600 **LNG Orderbook – Half full or half Empty? Analytical View of the LNG Order Book Versus Expected Vessel Demand Going Forward**

- Will ship order book be able cover the expected increase in demand?
- Trends in design / technology – what's hot – what's not!

Per-Christian W. Fett, *Director, Fearnley LNG, Norway*

1630 **Demand for Specific Carrier Segments – Will there be a Push for Small Scale Carriers?**

- Contract status of current fleet
- Future markets and projects
- Small/medium LNG vessels for regional transport

Bjorn Munko, *Sales Manager, TGE Marine Gas Engineering, Germany*

1700 **Panel Debate: Investments in LNG Infrastructure and Implications for Shipping**

- New infrastructure and receiving terminals coming up
- Nature and timeline of investments across the value chain
- Liquefaction versus Regasification: Will there be a balance?

David Colson, *Commercial Vice-President, GTT, France*

Pranay Shukla, *Senior Research Analyst, Drewry, India*

Sean Rodrigues, *Chief Representative – Korea, Woodside Energy Australia Asia Holdings Pte Ltd, South Korea*

1730 **Close of Day 1**

0830 **Welcome Coffee and Registration**

0855 **Opening Remarks from the Chairman**

Shipbuilding Trends

0900 **Case Study: Greening the fleet: Design and Technology Innovations in LNG Carriers**



- Evolving design and technology solutions
- Charterer expectations
- Environment and energy efficiency compliance

David Colson, *Commercial Vice-President, GTT, France*

0930 **The Evolution of the LNG Shipping Industry and BW's Role in these Developments**

- The LNG industry: how has it evolved so far and where is it heading
- BW as a major player in the LNG industry: current status and developments
- Conventional LNG shipping
- Small scale shipping
- LNG terminals: an innovative approach

John Theodorakis, *Executive, BW Ventures, Singapore*

1000 **High-Growth LNG Shipping Markets Downstream of Import Terminals**

- Growth of LNG Market – LNG-fueled transportation and inland gas distribution
- Need for innovative solutions
- Demand for shuttle tankers, barges and other vessel types

Bob Nimocks, *President, Zeus Development Corp, USA*

1030 **Q&A followed by Refreshment Break**

1115 **Special Considerations for Small Scale LNG Carrier**

Dr. Gerd-Michael Wüsig, *Coordinator Gas Technology, Deputy Head of Department Environmental Research, Germanischer Lloyd SE, Germany*

1145 **Regasification Vessel Alternatives**

- Purpose built vs conversion
- Regasification process alternatives
- Existing technology in new concepts

Mark K. Lane, *Senior Vice President – Operations, Excelebrate Energy L.P., USA*

1215 **Q&A followed by Lunch**

Finance, Chartering and Risk Management

1400 **Current Issues in LNG Carrier Financings**

- Project and charter tenor vs bank funding appetite and Basel III
- Sources of liquidity - current and future
- Chinese yards – is there the sufficient experience to meet demand?
- Hedging Interest Rate risk and refinancing risk

Simon Davies, *Director – Oil & Gas, Australia and New Zealand Banking Group Limited, Singapore*

1430 **Panel Discussion: LNG Carrier Chartering Strategies for the Current Market**



- Forecasting day rates
- Establishing trends in the spot and long term charter markets
- Charterer, Owner and Broker perspectives
- Key contractual pitfalls to avoid
- Financiers expectations

John Theodorakis, *Executive, BW Ventures, Singapore*

Simon Davies, *Director – Oil & Gas, Australia and New Zealand Banking Group Limited, Singapore*

More panelists to be confirmed

1500 **Case Study: Fishhooks in Charter Party Agreements**



- Key clauses to negotiate
- Common interpretation problems and disputes
- Dispute resolution

For updated speaker's details, please visit www.lngcarriersconference.com

1530 **Q&A followed by Refreshment Break**

1615 **P&I Insurance Considerations for LNG Carrier Owners, Managers and Charterers**

- Typical incidents, and claims arising
- Managing P&I risk
- Conditions of use at LNG terminals

Nigel Carden, *Deputy Chairman, Thomas Miller, United Kingdom*

1645 **Q&A, followed by Close of Conference**

LNG markets are in frenzy. With demand going through the roof, the positive impact on transportation has already been felt. Commercial opportunities will abound as Charter rates increase, and Shipyards order books fill up. How can the industry collaborate to ensure optimum returns for all players across the value chain?

Co-located with:

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- ▶ **Meet with LNG Producers & Charterers**
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- ▶ **Spot new Chartering Opportunities**

Charter Party Agreements for LNG Carriers

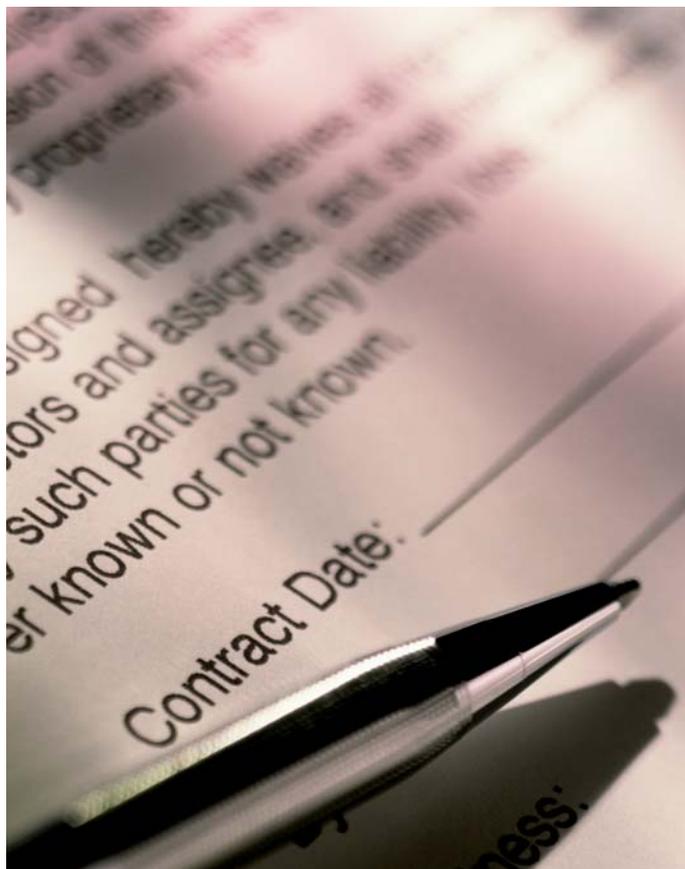
Chartering Contracts are the life-blood of successful ship operations. However, charterparties are complex in content and type. A ship owner, charterer or trader cannot be successful unless he or she has a firm grasp of these complexities.

Charter Party Agreements for LNG Carriers will give attendees not only an explanation of the fundamentals of time and voyage charters but will also enable them to think strategically and minimise risk when negotiating their chartering agreements.

The full day seminar will provide a practical guide to the application of law relating to time and voyage charters, and establish its fundamental principles including discussion on:

- Shipowners' and charterers' duties
- Time charter duration and re-delivery
- Payment of hire, off-hire clauses and performance claims
- Incorporating charter terms into bills
- The purpose of Paramount Clauses and Letter of Indemnity

For updated workshop leader's details, please visit www.lngcarriersconference.com



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Honeywell is a Fortune 100 company that invents and manufactures technologies to address tough challenges linked to global macro trends such as safety, security, and energy. With 122,000 employees worldwide, we have unrelenting focus on quality, delivery, value, and technology. Honeywell's solutions are present in over a third of the world's LNG Carrier fleet, and very many LNG Liquefaction Plants and LNG Receiving Terminals. Honeywell's expertise and technology are purpose built to improve LNG safety, operations and economics. Talk with us and find out how.

Sponsorship and Exhibition Opportunities

Establish prime regional presence in Asia's LNG industry, with unmatched branding at this event. Tailored marketing solutions are available, including:

- **Speaking Opportunities** • **Networking Functions** • **Exhibition Opportunities**

For more information on sponsorship and exhibition opportunities, please contact: Ms. Catherine Wong | Tel: +65 6508 2469
Email: Catherine.wong@ibcasia.com.sg

LNG CARRIERS

Transportation demand – Chartering opportunities – New building Trends – Design and technology

24– 26 October 2011
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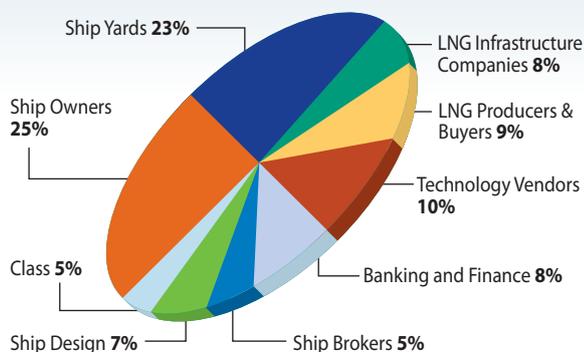
Energy markets are seeing a clear shift towards LNG for a variety of reasons, and a direct consequence is the requirement for transportation solutions. The surging demand for LNG has seen over US\$2 billion in new building orders for ships.

Charter rates have increased three fold in the last few months, and in the medium term, the current fleet of 350+ carriers in operation is going to be stretched. How secure though is the outlook for the LNG carrier segment? How much more transportation capacity is required, and how can the industry guard against speculation? What will be the design and technology trends?

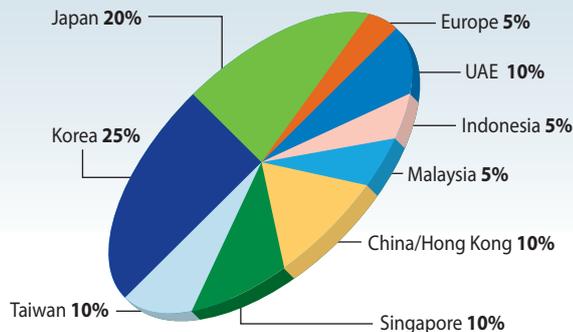
Co located with FLNG, the LNG Carrier Conference will answer these pertinent questions, and provide unparalleled interface with charterers, investors, ship owners, ship builders and design/ technology experts.

Who you will meet?

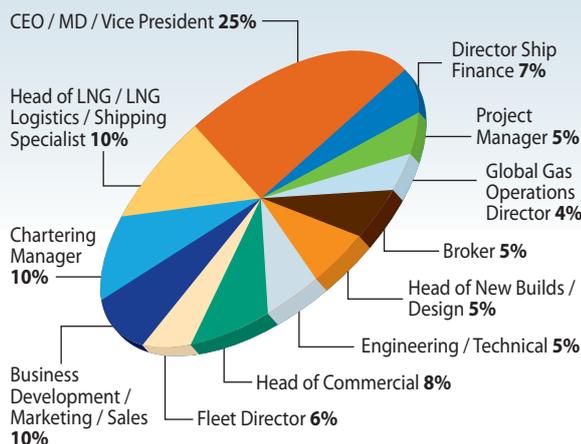
By Industry



By Region



By Job Title



7 REASONS TO ATTEND

- 1 Co-located with FLNG – gain advantages of networking with speakers and attendees from both events
- 2 Gain insight into the future of LNG industry in the Asia region
- 3 Assess demand for LNG carriers, and Chartering opportunities available
- 4 Examine ship building trends, and directions in design and technology
- 5 Hear from top ship owners on their assessment of the market, and investment strategies
- 6 Evaluate investments across the value chain, and implications for shipping
- 7 Chartering strategy and risk management – how sound is your position?

“New carriers ordered this year will expand LNG shipping capacity to 380 billion cubic meters (13.4 trillion cubic feet) by 2015 from 300 billion cubic meters today. Twenty-four LNG tankers have been ordered at shipbuilders in South Korea and China in 2011, according to data from Clarkson Research Services Ltd., a unit of Clarkson Plc, the world's largest shipbroker. There are 44 ships contracted and 362 LNG carriers in service, Clarkson data showed.”

BloombergBusiness week, 11th July 2011.

LNG Carriers, the ONLY such event in one of Asia's top demand markets for LNG has been timed to assist ship owners, operators, LNG producers, Ship builders and all players in the LNG value chain to benefit from the current market upturn.

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 I cannot attend this event but Please include me on your mailing list.

FEE PER DELEGATE	Early Bird Register & pay before 26 August 2011	Special Rate Register & pay before 23 September 2011	Normal Rate Register & pay after 23 September 2011	Group Rate (3 or more delegates)
<input type="checkbox"/> 3 Day Full Pass: 2 Day Conference + 1 Day Pre-Conference Workshop	USD2800	USD3000	USD3100	USD2700
<input type="checkbox"/> 2 Day Pass: Conference Only	USD2200	USD2400	USD2500	USD2100
Group Bonus: Register 3 delegates from the same company and the 4th delegate attends FREE!				

All fees stated include luncheons, refreshments and complete set of documentation. It does not include the cost of accommodation and travel.

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Contact Person: April Kim
Email: april.kim@marriott.com

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