



# 18<sup>th</sup> Vessel Efficiency & Fuel Management Summit

07 – 08 Aug 2019 / Singapore

Tackling Sulphur 2020 & Shipping Challenges ahead

50% MCF Training Grant is Available for Eligible Participants

Association Partner



Sponsors 2019

Hitachi Zosen Corporation



**For Registrations**

contact Pramod Kale on

+91 9637464143 / pkale@acieu.net



**For Sponsorship Opportunities**

contact Ketan Kulkarni on

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ACI's 18th Vessel Efficiency & Fuel Management Summit will provide essential, expert guidance to shipowner/operators on how to scrutinise the technologies available & Fuel alternatives to assist with complying with the Sulphur 2020 cap deadline. It would provide an ideal platform for stakeholders from the Maritime industry, including Shipowners, Ship-managers and associated solution providers, fuel solutions, IT and data associations, consultants, and technology providers to converge. Bringing the pioneers together the conference aims to promote the methodologies, exchange of ideas and the way forward to commercialization.

Maritime industry professionals will come together to unravel the Sulphur 2020 mesh, discuss successful system installations, share solution driven case studies to handle technical and operational aspects and create resilient fuel emission strategies.

## Key Topics:

- ◆ Latest Regulatory Developments & Enforcement Measures
- ◆ Latest Technology Techniques for Vessel Efficiency & Best Practices
- ◆ Marine Fuel Management
- ◆ PANEL DISCUSSION | Sulphur 2020 – Challenges & Opportunities
- ◆ Switchover Plan from HSFO to VLSFO
- ◆ Scrubber – Are They Still a Viable Option for Sulphur 2020?
- ◆ Sulphur 2020 Fuel Transition Clause for Chartering & Bunker Organisations
- ◆ Scrubber Vs Compliant Fuel

## Who Should Attend:

ACI's events attract a targeted group of senior level executives and decision-makers from industry. Our meetings are strictly end-user focused.

Delegates will be drawn from Ship owners & Ship managers,

Along with Marine Equipment Manufacturers, Vessel Efficiency suppliers, Scrubber manufacturers and Fuel suppliers showcasing the latest cutting-edge technologies.

## For Speaking Opportunities:

**Nitisha Sancheti**

+91 2048523149 | [Nitisha@acieu.net](mailto:Nitisha@acieu.net)

## Confirmed Speakers:

Atul Ojha, Assistant Fleet Director, Bernhard Schulte Shipmanagement (Singapore) Pte Ltd

Kian Chai Tan, Manager – Technical Support, Teekay Tankers Ltd.

Sean Hutchings, Chief Technical Officer, Thome Group of Companies

Capt. Jagadeesan Natarajan, GM-Operations, OMC Shipping Pte. Ltd.

Jay K Pillai, Director-Fleet, Pacific Basin Shipping (HK) Limited

Capt. Warren Nelson, COO – Technical, ASP Ship Management

Capt. Ninad Sharad Mhatre, Deputy MD, ZEABORN Ship Management (Singapore) Pte. Ltd.

Capt. Bhaskar Sengupta, Environmental Compliance Manager, OSM Maritime Group

Nishant Dhyani, Fleet Efficiency Manager, The China Navigation Company

Shashank Chavan, Technical Superintendent, ISHIMA Pte Ltd.

Harpal Cheema, MD, Nova Carriers (Singapore)

Capt. K.K. Mukherjee, Director (Operations), NYK Bulkship (Asia) Pte Ltd

Chris Chatterton, COO, Methanol Institute

Captain Walter P. Purio, Founding Director and Global Advocate, LNG Marine Fuel Institute

Dominique Philibert, Technology Director, CR Ocean Engineering LLC

Mike Konstantinidis, CEO, METIS Cyberspace Technology S.A.

Takahiro Fujibayashi, Manager, Hitachi Zosen

Harry Hirst, Partner, Ince & Co Singapore LLP

### DAY 1

Wednesday 07th Aug 2019

08:00 **REGISTRATION & COFFEE**

09:15 **CHAIRMAN'S OPENING REMARKS**

Sean Hutchings  
Chief Technical Officer  
**Thome Group of Companies**

09:30 **CONFERENCE PRESENTATION**  
**IMO 2020 sulphur cap – Technical Issues for Ship Operators**

Atul Ojha  
Assistant Fleet Director  
**Bernhard Schulte Shipmanagement (Singapore) Pte Ltd**

10:15 **CONFERENCE PRESENTATION**  
**METIS Artificial Intelligence & Learning Machines in Action**

- The First Cyber Personal Assistant for Vessel Monitoring, Management & Predictions is Now a Reality
- METIS interacts with staff in the Maritime company via Natural Language Processing
- METIS detects noteworthy events, calculates KPIs, makes complex diagnostics, prepares reports and proposes corrections
- METIS performs accurate Predictions on FO consumption, Shaft Power, etc, based on Actual performance of every vessel

Mike Konstantinidis  
CEO  
**METIS CYBERSPACE TECHNOLOGY SA**

10:45 **MORNING REFRESHMENTS**

11:15 **CONFERENCE PRESENTATION**  
**Choice of NOx reduction technology taking account of IMO Tier III, SOx 2020 and GHG in the future**

Takahiro Fujibayashi  
Manager  
**Hitachi Zosen**

11:45 **CONFERENCE PRESENTATION**  
**Latest Technology Techniques for Vessel Efficiency & Best Practices**

- Methods in measuring & monitoring vessels
- Reduced fuel consumption & on board energy costs
- Software that improves fuel efficiency: Theory & real life practice
- Improving operational efficiency
- Collecting data for performance analysis
- Keeping compliant to current regulations on-board the vessels

Nishant Dhyani  
Fleet Efficiency Manager  
**The China Navigation Company**

12:30 **LUNCHEON & NETWORKING**

13:30 **CONFERENCE PRESENTATION**  
**Sulphur 2020 Fuel Transition Clause for Charter Parties**

- Contractual obligations with chartering Agencies & bunkering companies
- How bunker price adjustment factors (BAFs) would impact both Owners & Bunkering Agencies?
- Devising fuel hedging strategy to handle price volatility in the market

Harry Hirst  
Partner  
**Ince & Co Singapore LLP**

14:15 **CONFERENCE PRESENTATION**  
**Marine Fuel Management**

- Plans to obtain compliant fuel and Understanding Fuel Compliance & Standards
- Fuel management on board - Step by step approach
  - o Storage & Handling
  - o Treatment & Combustion
  - o Sampling & Fuel Analysis
- Plan of Action for fuel oil supply disruption and operational Limitations

Capt. Bhaskar Sengupta  
Environmental Compliance Manager  
**OSM Maritime Group**

15:00 **AFTERNOON REFRESHMENTS**

15:30 **PANEL DISCUSSION**

### **Sulphur 2020 - Challenges & Opportunities**

- What are the solutions for Ship Owners?
- What it means for the refiners?
- Alternative Fuel Options & will there be sufficient compliant fuel available?
- What Technologies are there to curb filter Emissions?
- Complying with the regulations whilst keeping it cost effective

#### **Moderator:**

Sean Hutchings  
Chief Technical Officer

**Thome Group of Companies**

#### **Featured Panelists:**

Capt. K.K. Mukherjee  
Director (Operations)

**NYK Bulkship (Asia) Pte Ltd**

Capt. Jagadeesan Natarajan  
GM-Operations

**OMC Shipping Pte. Ltd.**

Capt. Ninad Mhatre  
Deputy MD

**ZEABORN Ship Management (Singapore) Pte. Ltd.**

Harpal Cheema  
Managing Director

**Nova Carriers (Singapore)**

16:30 **CLOSE OF DAY ONE**



Sponsor Exhibiting at European Biomass Power at Stockholm, Sweden 2018



Networking Lunch at European Biomass Power, Sweden in Nov 2018



## DAY 2

Thursday 08th Aug 2019

## 08:30 REGISTRATION &amp; COFFEE

## 09:30 CHAIRMAN'S OPENING REMARKS

Sean Hutchings  
Chief Technical Officer  
Thome Group of Companies

## 09:35 ROUND TABLE

Introduction of each round table session by its respective chairs for 5 mins each followed by dividing the audience into groups of 10 per table. The discussion continues for 30 mins and at the end each round table chair summarises the conclusions reached by their table for 5

**TABLE 1** | Technical challenges and complexity of operating on LNG Fuels

Captain Walter P. Purio  
Founding Director and Global Advocate  
LNG Marine Fuel Institute

**TABLE 2** | Is Methanol Ready to be used as Marine Fuel

Chris Chatterton  
COO  
Methanol Institute

**TABLE 3** | Scrubber Vs Compliant Fuel (LSFO)

Jay K Pillai  
Director-Fleet  
Pacific Basin Shipping (HK) Limited

## 10:30 MORNING REFRESHMENTS

11:00 CONFERENCE PRESENTATION  
Scrubbers as Sensible Alternative to Low Sulfur Fuels

- Low payback
- Flexible design
- Environment-friendly

Dominique Philibert  
Technology Director  
CR Ocean Engineering LLC

11:45 CONFERENCE PRESENTATION  
Scrubber – Are They Still a Viable Option for Sulphur 2020?

- Concerns on Open-loop scrubber systems and its impact on marinelife with the discharge of the washwater

Capt. Warren Nelson  
COO – Technical  
ASP Ship Management

## 12:30 LUNCHEON &amp; NETWORKING

13:30 CONFERENCE PRESENTATION  
Testing Standards & Complying to Sulphur 2020

- Mitigating risks & protecting your ships through regular fuel sampling, analysis and quality assessment
- Identification of comprehensive solutions to the challenges associated with fuel quantity
- Identifying designated sampling points for
- Analysing the fuel to understand if it is suitable to be used on the ships?

Shashank Chavan  
Technical Superintendent  
ISHIMA Pte Ltd.

14:15 CONFERENCE PRESENTATION  
Switchover Plan from HSFO to VLSFO

- Fuel oil tank switchover timeline
- Plan with Commercial/charterer/supplier dialogue
- Voyage calculations to ensure ship meets compliance date for 0.50% 1 January 2020
- Fuel system performance checks with designated sampling point identification
- Awareness/training programs for shore and ship best practices
- Non availability plan

Kian Chai Tan  
Manager - Technical Support  
Teekay Tankers Ltd.

## 15:00 CHAIRMAN'S CLOSING REMARKS

Sean Hutchings  
Chief Technical Officer  
Thome Group of Companies

## 15:10 END OF CONFERENCE &amp; AFTERNOON REFRESHMENTS

## Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Pramod Kale** using any of the following methods:

-  +91 9637464143
-  [pkale@acieu.net](mailto:pkale@acieu.net)
-  <http://www.acius.net>
-  Postal Address:

ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

## Registration Is Simple

Conference (Includes Access to Documentation Pack) 07th & 08th Aug 2019	£1,695.00
Documentation Pack Only	£470.00

Please Note.  
Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +91 9637464143

## Terms & Conditions

### Payment

Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd. Discounts are available for multiple/group bookings. Please call +91 9637464143 for more information.

### Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

**Accommodation** The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.

## About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago, ACI opened its European head office in London at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, chemicals, cosmetics & pharma and opening offices in Poznan (Poland) & Pune (India).

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