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# Advanced Bunker Operations

4 Modules

1-4 March 2021 | 1:30pm-5:30pm (SGT) | Live Online Training

**2+1  
Offer!**

See  
registration  
page for  
details!



Delivered in **Live Online Training** Format

**Course  
Director**



**Keith Forget**, Marine Fuels and Lubricants Consultant

Keith has been an independent consultant on Marine fuels & lubricants for over 10 years, following his successful 40 years' career at Shell where he developed and managed Fuel Quality and R&D Activities, Fuel Oil Quality Assurance System and HSE & emission regulations. He also consulted global bunker suppliers, shipowners, classification including DnV Petroleum Services, Alfa Laval Tumba, Vroon Offshore Services, Oldendorff Carriers, Norddeutsche Reederei, H. Schuldt GmbH & Co. KG and many more.

## Key Learning Outcomes & Case Studies Include

- ▶ Marine Fuels: Production, Standards, Specifications and Blending
- ▶ Bunker supply chain parties, their roles and responsibilities.
- ▶ Environmental, Health and Safety Regulations and Compliance
- ▶ Bunker Operations Safety During & Post Covid-19
- ▶ Marine fuel delivery operations, standards & regulations
- ▶ Quality & Quantity assurance during bunker operations
- ▶ Managing difficult fuels on-board ship
- ▶ Commercial and Financial Considerations: Sale and Purchase, Pricing and Hedging
- ▶ Debunkering Operations
- ▶ Legal, bunker contractual issues, Risks and Disputes resolutions

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## ABOUT THE COURSE

An end to end masterclass of all Bunkering operations, this seminar offers practical guidelines and case studies to reinforce best practices in delivery & compliance assurance. Participants will be taken through operational, technical and legal touchpoints in bunker operations, with particular emphasis on latest regulations as well as the environment emerging post Covid-19.

Key discussions will include fuel standards & regulations, composition & specifications; delivering & receiving; debunkering operations; common problems leading to quantity & quality disputes and handling practices.

## WHO WILL BENEFIT

This course offers comprehensive, advanced-level understanding for participants across bunker supply chain - both supply & demand sides - who require better knowledge of the overall bunker operations. A combination of commercial, technical & compliance perspectives will benefit not only market entrants but also those that had practical experience in one discipline and wishing to further skills in another.

- Bunker & Lubricant Traders, Bunker Marketers, Fuel Oil Traders
- Refinery Managers, Marine Fuel Blending
- Claims, Compliance Managers, Legal Counsels
- Fuel managers, Vessel Operators
- Surveyors, Inspectors
- Technical executives wishing to gain exposure to Bunker market, supply chain parties & delivery obligations, how to manage bunker claims & complaints.

## COURSE DIRECTOR



### Keith Forget

Marine Fuels and Lubricants Consultant

Prior to his 10 years as an independent consultant, Keith spent more than 40 years with Shell across various positions ranging Fleet Engineer (Shel Tanker UK) to Technical Advisor and Global Product Manager. His responsibilities included:

- Global Technical Manager & Product Manager at Shell Marine Products (since 1997): Developed and managed Fuel Quality and all R&D Activities including Fuel Oil Quality Assurance System. All fuels and lubricants support to customers, internal & external bodies as well as on HSE & emissions regulations
- Technical Advisor at Shell International Trading (since 1981): Development & launch of lubricants analyses service (RLA). Management of fuel quantity & quality complaints.

Keith has also consulted global bunker suppliers, shipowners, classification including DnV Petroleum Services (now Veritas Petroleum Services), Alfa Laval Tumba, Vroon Offshore Services, Aberdeen Ltd., Oldendorff Carriers, Norddeutsche Reederei, H. Schuldt GmbH & Co. KG, Arq UK Ltd. He is also:

- Active member of CIMAC Heavy Fuels working group and ISO working group (WG6) that developed ISO8217:2010 (MEPCs 57/58/59/60 and BLG/12.)
- Advisor on marine fuel to the UK Maritime and Coastguard Agency delegation during the development of the revised MARPOL Annex VI – 2009 edition.
- Member of the 3rd MRDAP sponsored by Singapore's MPA (2007 - 2009)
- Chairman of International Bunker Conference 2015

## WHAT PAST PARTICIPANTS SAID

*"Trainer is knowledgeable and a great communicator. Very helpful learning on arbitration and mediation"*

Operations Supervisor, Chevron Singapore

*"The various perspectives discussed and case studies provided are very helpful in managing Bunkering and MFM disputes"*

Business Development Manager, Metcore International

*"A lot of knowledge is shared on blending and bunker operations, including the economics and legal issues"*

Trading Manager, Marubeni International Petroleum

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- Module Commencement: **1:30pm** (SGT)
- Module Conclusion: **5:30pm** (SGT)

**Timing is based in Singapore Time (GMT+8)** unless otherwise stated. These timing schedules act as a guide and may be modified slightly on the depth of class discussion and whether assessments are being conducted.

## 4-Module Course Syllabus

### MODULE 1

#### INTRODUCTION

- Objectives
- Protocols
- Who's who

#### BUNKER MARKET SUPPLY/DEMAND REVIEW

- Levels and trends at the end of 2020
- Global sulphur cap compliance
- Impacts of COVID19 and trade wars

#### SUPPLY CHAIN PARTIES, THEIR ROLES AND RESPONSIBILITIES

- Purchaser
- Supplier
- User

### MODULE 2

#### MARINE FUEL COMPOSITION

- The reality and the myths

#### MARINE FUEL STANDARDS AND SPECIFICATIONS

- ISO 8217
- MARPOL Annex VI
- On specification vs fit for purpose

#### MARINE FUEL SULPHUR CONTENT REGULATIONS

- MARPOL Annex VI
- Country/regional Laws

### MODULE 3

#### MARINE FUEL SUPPLY CHAIN PROCESSES AND QUALITY ASSURANCE

- Overview
- Operations manual
- Blending component control
- Supply line sampling for Quality Assurance testing
- Batch release parameters
- Delivery barge management

### MARINE FUEL DELIVERY OPERATIONS

- Delivery standards:
  - ISO13739:2011
  - SS600
  - MARPOL Annex VI guidelines
- Actions by the receiving vessel
  - Bunkering plan
  - Sampling
  - Quantity measurement
- Samples and sampling
- End of delivery quantity agreement/disagreement

### MODULE 4

#### MARINE FUEL QUALITY/QUANTITY/SERVICE COMPLAINTS

- Types of complaint
  - Serious –engine problems
  - Serious –commercial/compliance
  - Not serious
- Managing difficult fuels on-board
- Debunkering
- Handling disputes from the supplier and users sides
  - Claims
  - Dispute resolution
- Party to party negotiation
- Lawyers, arbitration, court proceedings

#### MARINE FUELS HEALTH AND SAFETY ISSUES

- Hydrocarbon fuels and chemicals
- Impacts of off specification fuels on crew health and safety

### Would You Like To Run This Course On-Site?

#### Informa Corporate Learning: On-site & Customised Training

If you have **8+** interested people, an onsite course can be an ideal solution. Speak with **Anton Long** or **Holly Baldwin** on **+65 6508 2897** to discuss your customised learning solution, or email [sgtraining@informa.com](mailto:sgtraining@informa.com)

# Advanced Bunker Operations

Informa Connect is A Trading Name of IBC Asia (S) Pte Ltd

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## 4 Easy Ways to Register

- 1 Telephone**  
Customer Service Hotline +65 6973 3567
- 2 Email**  
sgtraining@informa.com
- 3 Fax**  
+65 6508 2407
- 4 Web**  
www.informaconnect.com.sg/bunkeroperations

## Advanced Bunker Operations

Course Codes	Location	Course Dates	Standard Price	4+ Dels Discount
P21GT36SGV	Live Online Training	March 21	SGD 2,876	<b>Great Savings:</b> Register 2 and third attends free. Call us today on +65 6973 3567 or email sgtraining@informa.com to take advantage of the discount offer.

A 7% Goods & Services Tax (GST) is applicable to all Singapore based companies.

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Job Title: \_\_\_\_\_  
Department: \_\_\_\_\_  
Tel: \_\_\_\_\_ Mobile No.: \_\_\_\_\_  
Email: \_\_\_\_\_

### Delegate 3 Details

Name: Dr/Mr/Ms \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Department: \_\_\_\_\_  
Tel: \_\_\_\_\_ Mobile No.: \_\_\_\_\_  
Email: \_\_\_\_\_

Who is Head of your Department? \_\_\_\_\_

### Company Information

Company Name: \_\_\_\_\_ | Main Business/Activity: \_\_\_\_\_  
Address: \_\_\_\_\_ | Postal Code: \_\_\_\_\_

### Delegate 2 Details

Name: Dr/Mr/Ms \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Department: \_\_\_\_\_  
Tel: \_\_\_\_\_ Mobile No.: \_\_\_\_\_  
Email: \_\_\_\_\_

### Delegate 4 Details

Name: Dr/Mr/Ms \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Department: \_\_\_\_\_  
Tel: \_\_\_\_\_ Mobile No.: \_\_\_\_\_  
Email: \_\_\_\_\_

Who is Head of Training? \_\_\_\_\_

### Payment Method (Please tick)

- I enclose my bankers draft / cheque payable to IBC Asia (S) Pte Ltd
- I am paying by bank transfer (copy attached)
- Payment by Credit Card. (AMEX, VISA or MasterCard accepted)

### CREDIT CARD PAYMENTS

The best way to pay by credit card is through our secure on-line registration process, simply log on to the website at [www.informaconnect.com.sg/bunkeroperations](http://www.informaconnect.com.sg/bunkeroperations) and click "Register On-line". If you would prefer to pay over the phone please complete the contact name and details and our Customer Services Team will call within 24 hours to take payment. As we treat your credit card information in the strictest confidence, please do not send payment details by email.

Credit card contact: \_\_\_\_\_ Department: \_\_\_\_\_

Direct phone number: \_\_\_\_\_ Email: \_\_\_\_\_

### PAYMENT TERMS

Payment must be received 10 business days prior to the event. To take advantage of discounts with an expiry date, registration and payment must be received by the cut-off date.

- Payment by bankers draft or cheque in S\$ or US\$ should be made in favour of "IBC Asia (S) Pte Ltd" and mailed to:  
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c/o Informa Regional Business Services  
103 Penang Road, Visioncrest Commercial #04-01, Singapore 238467  
Attn: The Accounts Receivable Team
- Payment by bank transfer in S\$ or US\$ made payable to:  
IBC Asia (S) Pte Ltd  
A/C No.: 147-059513-001 (S\$)  
A/C No.: 260-457866-178 (US\$)  
The Hongkong and Shanghai Banking Corporation Limited 21 Collyer Quay, HSBC Building  
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- Payment by Credit Card (AMEX, VISA or MasterCard). The best way to pay by credit card is through our secure portal built into the website. To pay by phone please indicate the contact name and details below and our Customer Services Team will call within 24 hours to take payment. Please do not send credit card information by email.

### CANCELLATIONS / SUBSTITUTION

Should you be unable to attend, a substitute delegate is welcome at no extra charge. Cancellations must be received in writing at least 10 business days before the start of the event, to receive a refund less 10% processing fee per registration. The company regrets that no refund will be made available for cancellation notifications received less than 10 business days before the event.

### IMPORTANT NOTE

Please quote the name of the delegate, event title and invoice number on the advice when remitting payment. Bank charges are to be deducted from participating organisations own accounts. Please fax your payment details (copy of remittance advice, cheque or draft to +65 6508 2407).

Attendance will only be permitted upon receipt of full payment. Participants wishing to register at the door are responsible to ensure all details are as published. Informa Connect Singapore assumes no further liability or obligation, beyond the refund of the paid registration fee, in the event of postponement or cancellation by Informa Connect Singapore.

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