

SINGAPORE MARITIME WEEK 2015**Programmes for events organised by MPA that are open to media**

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Launch of the 10th Singapore Maritime Week

Date : 19 April 2015

Time : 3.00 pm – 4.30pm

Venue : Marina Bay Sands Events Plaza

Organiser : MPA, SMF, SSA and ASMI

Time	Programme
2.30pm	Registration to commence
3.30pm	Arrival of Mr Lui Tuck Yew Minister for Transport and Second Minister for Defence
3.45pm	Screening of National Geographic Trailer
3.47pm	Performance by Cantonment Primary School Content: Forefathers arrived in Singapore by Sea and worked in different capacities to build the nation to where it is today.
3.55pm	Launch of 10th SMW 2015 Minister and representatives from MPA, SSA, SMF and ASMI will be invited on stage for the Launch of the 10 th Singapore Maritime Week 2015.
4.00pm	Photo Taking & Tour of SMW Exhibition 2015
4.15pm	Refreshments
4.45pm	End

Inaugural Port Authorities Roundtable - MOU signing between MPA and Port of Rotterdam

Date : 20 April 2015

Time : 9.00 am – 3.30pm

Venue : Sands Expo & Convention Centre, Marina Bay Sands® Singapore

Organiser : MPA

Time	Programme
2.00 pm	Media registration
2.20 pm	MOU Signing between the Port Authorities of Singapore & Rotterdam+
2.50 pm	Tea Break
3.30 pm	End of programme

Singapore International Maritime Awards 2015

Date : 21 April 2015

Time : 7.00 pm

Venue : Ritz Carlton Hotel

Organiser : MPA

Time	Programme
1800	Registration
1855	Arrival of GOH Mr Lui Tuck Yew Minister for Transport and Second Minister for Defence
1900	Commencement of IMA
1902	Welcome address by Chairman Speech by GOH
1915	Nat Geo video
1920	Commencement of dinner
2010	Industry Awards
2025	"We Will Get There" performance
2110	Incentive Awards followed by group phototaking session
2135	Toast by Min
2210	Emcee thanks everyone & wishes all a good evening / send off

International Chemical and Oil Pollution Conference (ICOPCE) 2015

Date : 22 – 24 April 2015

Time : 9.00 am

Venue : Sands Expo & Convention Centre, Marina Bay Sands® Singapore

Organiser : MPA

Day 1, Wednesday 22 April

9.00 **Opening Address by Guest of Honour**
Mr Lucien Wong, Chairman of MPA

9.20 **Keynote:**
Keeping Pace with Ongoing Safety Demands from the Oil and Chemical Transportation Industry

- Oil & Chemical trade, what is happening?
- Charterer expectations
- Trends in cargo operations
- Staying a step ahead in risk management

By Mr Hor Weng Yew, President and Chief Executive Officer, AET Tanker Holdings

9.50 Opening of Exhibition followed by Morning Tea

10.40 **Keynote:**
What Drives the Tanker Market and New Tanker Trading Routes

- Global overview of tanker markets
- Changing origins and destinations of oil cargos
- How will tanker routes evolve to meet supply and demand shifts

Henrik Hartzell, Managing Director, Heidmar (Far East)

Incident Preparedness and Management

11.00 **Panel Discussion:**
Dialogue on Incident Management in Singapore Waters

- How do key agencies collaborate
- Information gathering and availability during response and developing a common operating picture that allows further decisions
- Expectations from shipping and cargo owners
- What shortcomings have been observed in contingency management planning
- Learnings from recent Case Studies

Moderator:
Richard H. Johnson, Technical Director, International Tanker Owners Pollution Federation

Panelists from:
CAPT Daknash Ganasen, Deputy Director (Marine Operations)/Port Master, Maritime and Port Authority of Singapore
Senior Representative, National Environment Agency of Singapore

Robert Maxwell, Managing Director, **Bernhard Schulte Shipmanagement**
Francois Cabioch, Head of Emergency Department, **CEDRE**

11.50 Industry Insight: Risk Assessment and Pollution Incident Management in the Straits of Malacca

- What are the risk contributing factors?
- Dealing with regional PSC and Government agencies
- Overcoming the challenges in spill response infrastructure and resources
- Involving relevant stakeholders in managing the response to oil spill incidents
- Critical factors in your contingency management plan

Kenny Rogers, Head, **Aurora Tankers (IMC Group of Companies)**

12.30 Lunch

Dealing With Changing Risk Profiles

1.30 HNS – A Case Study Approach to Compliance and Operational Risk Management

- Hazardous cargo and quantifying the range of risk we are dealing with
- What is key to risk management
- Decision and response support systems for HNS
- Case Study: HNS spill response
- HNS Convention ratification – Practical issues in the lead up to 2016

Hirofumi Nara, Director Operations Marine Headquarters, **Tokyo Marine**

Asia

2.10 Oil & Chemical Incident Preparedness / Management for Global Marine Operations

- HSSE for international operations
- Collaborating with various agencies and charterers
- What makes for effective Incident management and contingency plans?
- Ensuring global readiness

Rajneesh Rana, Head of Vetting & Marine Operations, **Maersk Tankers A/S**

Technology Applications

2.50 Containing Oil Spills through Satellite Technology

- The economics of a satellite surveillance programme
- Developing a decision support system around it
- Integrating satellite-based monitoring with cutting-edge observation and modeling techniques

Rob Ayasse, International Sales Manager – Energy, Environment & Security,
KONGSBERG Satellite Services, KSAT

3.20 Afternoon Tea

3.50 Oil Major Perspective: Spill Preparedness and Response

- Enhancing response capabilities
- Managing oil spill risks
- Technology deployed
- Sharing lessons learned

Bas Wiebe, General Manager, Singapore Oil Spill Response Centre

4.30 Latest Developments in France in the Field of Operational Cartography in case of Major Spill at Sea

- Developments in spill cartography
- Evolution of risks and response to challenges
- Detecting marine pollution and accidents in the Channel
- Case study

Francois Cabioch, Head of Emergency Department, **CEDRE**

5.00 Networking Cocktails

Day 2, Thursday 23 April

9.10 Media Insight into Incident Coverage and Reporting

- Main stream media point of view on reporting an incident
- How is the information being gathered?
- Managing social media challenges
- Takeaways for industry

Feng Zengkun, Science and Environment Reporter, **Singapore Press Holdings**

Strategic and Tactical Response

9.40 A Practical Application of Spill Modeling and Scenario Building for Effective Response

- What information is available
- Modeling the variables – conditions, location, rate and nature of the spill
- What assumptions are needed for spill forecasting
- How to get more information to improve response timeframes
- Key decision making criteria for escalation of response

Geeva Varghese, OSRL Consultancy Team Supervisor, **Oil Spill Response**

10.10 Panel Discussion:

Dealing with Stricken and Damaged Vessels

- Port of Refuge – what are port authority requirements, responsibilities of responders
- Planning a multi-agency response
- Ascertaining Cargo composition and response required
- Bunker fuel containment
- Processing claims

Moderator:

Panelists:

K.K Mukherjee, Director Operations, **NYK Line**

Toby Stone, General Manager – Marine Environment Division (MED),

Australian Maritime Safety Authority

Christian Ott, Vice President and Head of Claims, **Skuld** Singapore

John Simpson, Partner, **Ince & Co.**

10.50 Morning Tea

11.30 Use Spill Models to Evaluate the Risks Associated with Requests for Access to Places of Refuge

Dr Sasha Zigic, Manager – Gold Coast, **RPS APASA**

12.00 The PTT Oil Spill Response in Thailand

- Setting the tactical framework
- Technology deployed
- How were decisions impacted?
- Limitations in the response, and how they can be addressed

Dr Wimolporn Wainiphee, Environmentalist - Marine Environment Division, **Pollution Control Department**, Thailand

12.30 The Philippines Coast Guard's Response to St Thomas De Aquinas

- The incident
- Assessing resources and technology to be deployed
- Immediate response actions and problems encountered
- How can incident management be improved

CDR Weniel A Azcuna PCG, Chief of Staff, Coast Guard District Central Visayas (CGDCV), **Philippines Coast Guard**

12.50 Lunch

Preparedness – Looking to the Future

2.00 Preventing Spills During Ship-to-Ship (STS) Oil Transfer Operations

- How to conduct STS operations and risks associated to it
- Typical problem areas
- How differing regulatory regimes for coastal and ocean going ships are managed
- Recent advances in technology and operations
- Preparedness and response for a spill in high seas

CAPT Ashwani Anand, Quality Manager, **BW Fleet Management**

2.30 Managing Risks in Ship-to-Ship (STS) Bunkering

- Understanding the risk
- How will it affect bunkering operations?
- Prevention and preparedness associated with it
- Managing a spill effectively

Timothy Cosulich, Managing Director, **Fratelli Cosulich Bunkers**

3.00 Harnessing Crew Capability for Enhanced Preparedness

- Skill profiling for risk management
- Capturing experiences of senior crew
- Ensuring smooth transitions with crew retiring or leaving
- Senior Representative, **AET Tankers**

3.30 Afternoon Tea

Claims, Compensation and Cost Recovery

4.00 Panel Discussion:

Getting up to Speed with Claims and Compensation Developments

- What's changing?
- Understanding Liability and Compensation Limits
- Initial steps in dealing with claims
- Process adopted for recent cases in Singapore and Asia
- Assessment and compensation

Moderator:

Richard H. Johnson, Technical Director, **International Tanker Owners Pollution Federation**

Panelists:

Martin Marini, General Counsel, **Maritime and Port Authority of Singapore**

John Sze, Deputy Managing Partner, **Joseph Tan Jude Benny LLP**

Lawyers

Sharmini Murugason, Regional Offshore Claims Director, **Charles Taylor Mutual Management (Asia)**

Capt Veeresh Bahadur, Senior Manager, Group Environmental Compliance and Tanker operations, **THOME Group of Companies**

4.40 Close of Conference

Signing of MOU between the MPA Academy and World Maritime University

Date : 22 April 2015
Time : 3.30 pm
Venue : Fullerton Hotel
Organiser : MPA

Time	Programme
1450 – 1510	Registration
1530	Remarks by Mr. Andrew Tan, Chief Executive, Maritime and Port Authority of Singapore
1535	Remarks by Mr Koji Sekimizu, Secretary General of the International Maritime Organization and Chancellor of the World Maritime University
1540	MOU Signing Ceremony Witness by Mrs Josephine Teo, Senior Minister of State for Finance and Transport
1550	Group Photographs
1555	Refreshments
1600	Ceremony ends

9th Singapore Maritime Lecture

Date : 22 April 2015

Time : 4.00 pm

Venue : Fullerton Hotel

Organiser : MPA

Time	Programme
4.00pm	Pre-SML Reception (Hosted by Mrs Josephine Teo, SMS from Ministry of Transport and Ministry of Finance)
4.30pm	Opening Remarks by Moderator Mr Andreas Sohmen-Pao , CEO, BW Group and Chairman, BW LPG Board of Directors
4.45pm	9 th Singapore Maritime Lecture by Mr Tung Chee Chen , Chairman of the Orient Overseas (International) Ltd (OOIL) “ The Changing Dynamics of the Container Shipping Industry ”
5.15pm	Dialogue with participants
5.45pm	Presentation of Tokens of Appreciation
6.00pm	SML Networking Cocktail

Singapore Maritime Technology Conference

Date : 23 – 24 April 2015

Time : 9.00 am – 6.00 pm

Venue : Sands Expo & Convention Centre, Marina Bay Sands® Singapore

Organiser : MPA

23 April 2015

Hibiscus Junior Ballroom, Level 3, Marina Bay Sands Expo & Convention Centre (business attire)

08.00 – 09.00 Registration

SINGAPORE MARITIME TECHNOLOGY CONFERENCE OPENING		
09.00-09.10	Welcome Speech by Guest of Honour	Mrs Josephine Teo, Senior Minister of State for Finance and Transport
09.10-09.30	Keynote Speech: Future Container Terminal Operations	Tan Chong Meng, Group CEO, PSA International
09.30-09.35	Tuas Terminal Reclamation Video Presentation	Dredging International Daelim Joint Venture
09.35-09.45	Tuas Terminal Phase 1 Reclamation Contract Signing	Maritime and Port Authority of Singapore and Dredging International Daelim Joint Venture
09.45-10.15	Networking break	

“GLOBAL APPROACH TO E-NAVIGATION”	
Session 1: Sea Traffic in the Straits and MEH – the Challenge	
Chairman: A. Mahapatra, IMO	
10.20-10.40	Keynote Address 1: Capt A. Winbow, Assistant SG of IMO
10.40-11.00	Keynote Address 2: Introduction to the Norwegian Maritime Strategy, State Secretary Ms Dilek Ayhan, Norwegian Ministry of Trade, Industry and Fisheries
11.00-11.20	Challenge of navigating in congested and restricted water, Capt M. Segar, MPA
11.20-11.40	Bringing e-navigation into the Straits and MEH, J. E. Hagen, NCA
11.40-12.00	The Challenge in Monitoring Ships, Capt. M. Halim Bin Ahmad, Ministry of Transport Malaysia
12.00-12.20	Status of the environmental protection of the Straits, Directorate General of Sea Transportation, Indonesia
12.20-12.40	SESAME Straits : Implementation of the Straits Traffic Management system, S. Guest, KNC
12.40-13.00	Management needs accurate traffic forecasts, S. Nautiyal, SimPlus
13.00-14.30	Lunch

Note: 13.00-14.30 Turn plenary room into 2 seminar rooms

23 April 2015

Hibiscus Junior Ballroom, Level 3, Marina Bay Sands Expo & Convention Centre (business attire)

TRACK 1		TRACK 2	
Sustainable, Smart Ports and Shipping		“GLOBAL APPROACH TO E-NAVIGATION”	
Session 1: Smart and Sustainable Ports Chair: Goh Teik Poh, Global Maritime Talent		Session 2: e-navigation Improves Decisions Chairman: Capt M Segar, MPA	
14.30-15.00	<i>Productivity: Evolution or Revolution, Andy Lane, CTI Consultancy and David Alba, Grid Logistics Inc</i>	14.40-15.00	<i>The Norwegian Single Window solution, Director General Ms Kirsti. L. Slotsvik, NCA</i>
15.20-14.50	<i>Port Automation, Michael Hickson, Kalmar</i>	15.00-15.20	<i>The global approach to automated and standardized ship reporting, A. Mahapatra, IMO</i>
14.50-15.10	<i>GraviFloat LNG Terminal Solutions, Geir Kjersem, GraviFloat AS</i>	15.20-15.40	<i>e-navigation following MSC 95, P. Hincliffe, ICS</i>
15.10-15.30	<i>Next Generation VTM, Todd Schuet, Kongsberg</i>	15.40-16.00	<i>Commercial clauses interesting for e-navigation, A.F. Sørensen, BIMCO</i>
15.30-15.50	<i>JFE's Automated Container Handling System, Masaki Kimbara, JFE Engineering</i>	16.00-16.20	<i>Roundtable discussion and audience feedback</i>
15.50-16.10	<i>Roundtable discussion and audience feedback</i>	16.20-16.40	<i>Networking break</i>
16.10-16.30	<i>Networking break</i>	Session 3: Implication of new e-navigation solutions - a need for harmonization? Chairman: Kjell Røang, Research Council of Norway	
Session 2: Sustainable Shipping Chair: E. Rensvik, Innovation Norway		16.40-17.00	<i>Supporting non-SOLAS ships with virtual AtoNs, O. Rodseth, MARINTEK</i>
16.30-16.50	<i>Norwegian regulatory regime on emission, ECA Zones and use of LNG, Director General Olav Akselsen, Norwegian Maritime Authority</i>	17.00-17.20	<i>TICON: Sea state information supporting shared decision making, M. Bergmann, CIRM</i>
16.50-17.10	<i>LNG as a Sustainable Fuel of the Future, Dr Nigel Koh, KOMtech</i>	17.20-17.40	<i>The EU Mona Lisa 2 project, U. Svedberg, SMA</i>
17.10-17.30	<i>Radical Retrofit, Justin Gadbois, Maersk Line</i>	17.40-18.00	<i>SMART-navigation in the Republic of Korea, T. Song, Ministry of Ocean and Fisheries</i>
17.30-17.50	<i>LNG Hybrid – Green and efficient energy supply solutions for ships in ports, Ralf-Thomas Rapp, Becker Marine Systems</i>	18.00-18.20	<i>The Australian approach to e-navigation - the importance of the human element, N. Lemon, AMSA</i>
17.50-18.10	<i>Roundtable discussion and audience feedback</i>	18.20-18.40	<i>Roundtable discussion and audience feedback</i>
18.10-18.20	<i>Concluding remarks</i>	18.40 Networking Reception hosted by Norwegian Coastal Administration, Jasmine	

24 April 2015

Hibiscus Junior Ballroom, Level 3, Marina Bay Sands Expo & Convention Centre (business attire)

08.00 – 09.00 Registration

TRACK 1	
MPA-A*STAR-NUS-NTU Seminar: Smart Technology and Sustainable Port Development	
09:00-09.10	Welcome Remarks
09.10-09.20	MOU Signing Ceremony between MPA and A*STAR
09.20-09.40	Keynote: Oh Bee Lock, PSA Singapore Terminals
Session 3: Green and Smart Technology Chair: Prof Tan Soon Keat, NTU	
09.40-09.55	Mega Floating Structures, Prof CM Wang, NUS
09.55-10.10	Virtual CFD Lab – A Technology for Green Ship Analysis, Dr Kang Chang Wei, IHPC, A*STAR
10.10-10.25	Fault Assessment and Network Signal Optimization, Dr Jason Png, IHPC, A*STAR
10.25-10.40	Intelligent Video and Networks for Smart Port, Dr Tham Jo Yew, I2R, A*STAR
10.40-10.55	Track and Trace using RFID for Productivity Improvement, He Wei, SIMTech, A*STAR
10.55-11.05	Q&A
11.05-11.20	Networking break
Session 4: Sustainable Port Development Chair: Prof CM Wang, NUS	
11.20-11.35	Underwater City, Prof Tan Soon Keat, NTU
11.35-11.50	Maritime Energy Test Bed (METB), Koh Eng Kiong, NTU
11.50-12.05	Optimal Scheduling of Port Operations, Dr He Yaohua, NUS
12.05-12.20	Smart Port Automation System, Prof Lee Loo Hay, NUS
12.20-12.35	Smart Port Security Management, Prof Bo AN, NTU
12.35-12.45	Q&A
12.45-14.00	Lunch

TRACK 2	
MPA-ABS-DNVGL Seminar: Smarter, Greener Technologies and Safer Systems	
Session 4 Chair: E. Rensvik, Innovation Norway	
09:00-09.20	Keynote Paper 1: Developing LNG as a Fuel Infrastructure, Keith Meyer, LNG America
09.20-09.40	Keynote Paper 2: Smarter, Greener and Safer are Congruent, Dr Alam Khorshed, DNV GL
09.40-10.00	Data Analytics for the Maritime Industry, Dr Laura Wynter, IBM
10.00-10.15	Autonomous Vessels, Ørnulf Rødseth, Marintek
10.15-10.30	Q&A
10.30-10.50	Networking break
Session 5: Energy Efficiency Systems and Processes Chair: Dr Alam Khorshed, DNV GL	
11.00-11.20	Achieving energy efficient operation through vessel performance monitoring and management, Soren Hansen, ABS
11.20-11.40	Application of CFD to evaluate performance of energy-saving devices, Dr Sing-Kwan Lee, ABS
11.40-12.00	Green design of Maritime and Offshore vessels –special focus on hybrid design of offshore vessel, Geir Dahler, DNV GL
12.00-12.20	Do the least - Energy Audit of your vessels by Seeba Ann Mathew, DNV GL
12.20-12.30	Q&A
12.30-14.00	Lunch

24 April 2015

Hibiscus Junior Ballroom, Level 3, Marina Bay Sands Expo & Convention Centre (business attire)

TRACK 1	
SMI Seminar: Automation and Autonomy	
14.00-14.10	Welcome Address by ED SMI
Session 5: Automation & Autonomy for Shipyards Chair: NP	
14.10-14.20	ClassNK's 3D scanning & engineering technology for maritime automation, Junichi Hirata, ClassNK
14.20-14.30	Automation and its Outcomes in Shipbuilding, Mr Charlie Chan, KOMTECH
14.30-14.40	'Autonomy activities' in Oshima Shipyard, Dr. Youichi Nakao, Oshima Shipbuilding Co.,Ltd
14.40-14.50	Advantages of Fiber Lasers for Shipbuilding and Offshore Applications, Michael Grupp, IPG Photonics
14.50-15.10	Roundtable Discussion
15.10-15.30	Q&A
15.30-16.00	Networking break
Session 6: Automation & Autonomy for Ships Chair: SP	
16.00-16.10	How far crew redundancy and enhanced reliability could be attributed to ship automation? Dr Khorshed Alam, DNV-GL
16.10-16.20	How to implement modern computer technologies in practice, Hideyuki Ando, NYK-MTI
16.20-16.30	Dynamic positioning of fast and lightweight boats, Yuri Krivtsov, Navis Engineering OY Singapore branch
16.30-16.40	DOCKLOCK – Automatic Mooring, Wouter van Reenen, Mampaey Offshore Industries bv
16.40-17.00	Roundtable Discussion
17.00-17.20	Q&A
17.20-17.30	Closing Remarks by ED SMI
	End of Conference

TRACK 2	
DNVGL-ABS-MPA Seminar Smarter, Greener Technologies, Safer Systems	
Session 6: LNG – The Next Fuel Chair: AK Seah, ABS	
14.00-14.20	LNG as fuel - Technology Overview and Trends, Yongjun Jo, ABS
14.20-14.40	LNG as a Marine Fuel: Lessons learned from the first adopters, Matthew Tremblay, ABS
14.40-15.00	Technology Qualification for using technology safely (LNG/Scrubber/Unknown technology), Bjørn Berger, DNV GL
15.00-15.20	Does LNG bunkering make sense? Jose Esteve, BV
15.20-15.30	Q&A
15.30-15.45	Networking break
Session 7: Technology Readiness to meet Environmental Regulations Chair: Ørnulf Rødseth, Marintek	
15.45-16.05	Technical Challenges and Practicalities of a 2020 Engine Room, Thomas Kirk, ABS
16.05-16.25	Hull Life Extension for Maritime and Offshore Vessels, Piotr Latuszek, DNV GL
16.25-16.45	Fleet Performance Management and Benchmarking Against Peers using Big Data, Kaushik Seal, DNV GL
16.45-17.05	Ship Drift, Simon Brandi Mortensen, DHI
17.05-17.20	Q&A
17.20-17.30	Closing Remarks
	End of Conference

Graduation Ceremony for 2nd COC (Special Limit)

Date : 24 April 2015
Time : 4.00 – 5.00 pm
Venue : Singapore Polytechnic Auditorium
Organiser : MPA

Time	Programme
3.50pm	Arrival of Parl Sec at SP Auditorium
4.02pm	Welcome remarks by GOH A/P Muhammad Faishal Ibrahim Parliamentary Secretary, Ministry of Transport
4.10pm	Presentation of Certificates of Completion and Event Souvenir to Cadets
4.30pm	Presentation of Token to CoC (Special Limit) Graduates Parl Sec and CE (MPA) will present 30 tokens to the graduates, which comprises of 10 Deck Officers and 20 Marine Engineers. CEO (e2i) will first present the Certificate of Competency scroll to the graduates. Parl Sec and CE (MPA) will each attach a shoulder epaulette on the graduate's uniform. Group photograph
5.00pm	Presentation of Tokens to Outstanding Cadets Parl Sec will also present the Outstanding Cadet awards to two recipients. Mr Bahrom bin Jumain for Outstanding Deck Officer Cadet Award; and Ms Elvie Nilia Sagr, for Outstanding Marine Engineer Officer Cadet Award
5.05pm	Group Photography
5.15pm	End of Graduation Ceremony