



# 9<sup>TH</sup> DYNAMIC POSITIONING ASIA CONFERENCE & EXHIBITION

2 - 4 JULY 2019 - SINGAPORE MARRIOTT TANG PLAZA HOTEL

## SUPPORTING ORGANISATIONS:



## WORKSHOP & CONFERENCE PROGRAMME 2019

The **Dynamic Positioning Asia 2019**, for the 9<sup>th</sup> year running, will bring together DP experts, new technologies, a supporting exhibition and networking opportunities for the region's DP sector.

Partnered with the Marine Technology Society Dynamic Positioning Committee, DP Asia in 2019 will be a three-day event and will incorporate MTS DP Workshops planned and executed by industry technical and operational experts from the MTS DP Committee.

**Location:** Singapore Marriott Tang Plaza Hotel, Ballroom II & III Level 3

**Address:** [320 Orchard Road, Singapore 238865](#)

**DAY 1** – Tuesday, 2<sup>nd</sup> July 2019 – DP ASIA CONFERENCE & MTS DP COMMITTEE WORKSHOP

**DAY 2** – Wednesday, 3<sup>rd</sup> July 2019 – MTS DP COMMITTEE WORKSHOPS

**DAY 3** – Thursday, 4<sup>th</sup> July 2019 – DP ASIA CONFERENCE & MTS DP COMMITTEE WORKSHOP

Dynamic positioning technology is constantly evolving through innovations and improvements. Rules and guidelines for all aspects of DP vessel design, operations and professional development are under continuous development and there is high focus on safety and towards the delivery of incident free DP operations.

The conference will be an excellent platform for the speakers to address an experienced audience of multi-disciplined DP experts and stakeholders.

### WORKSHOP / CONFERENCE SESSION THEMES

- New & Future DP Vessel Technological Development
- Competency of DP Personnel & Practitioners
- Hybrid Power Systems for DP Operations
- Verification & Validation – AC and DC / Hybrid Power Systems
- Cross connections, External Interfaces & Network Storms
- ASOG – Lifecycle and Implementation
- Class Rules, Vessel Assurance and Charterer Requirements

Workshop Facilitator : Suman Muddusetti (Chairman: MTS DP Sub Committee on Guidance and Standards – Shell International Exploration and Production)



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DAY 1

2<sup>nd</sup> July 2019

## DP ASIA CONFERENCE PROGRAM

8:00 – 08:30

Registration

### SESSION 1 – DP ASIA CONFERENCE SESSION

Session Chairman: Joey Fisher

08:30 – 08:40

#### Welcome Address:

By: Joey Fisher, Managing Director – M3 Marine Expertise; 9<sup>th</sup> DP Asia Conference Chairman

08:40 – 09:05

#### Keynote Address – Safety and Pragmatic and Effective Risk Management

By: Faisal Rashid MBE, AFNI, SFIIRMNS, MSc, MBA.

Technical Adviser – Offshore, Oil Companies International Marine Forum (OCIMF)

09:05 – 09:30

#### Fit for the Future- Challenges and Opportunities For the Offshore Industry

By: P V Suresh, General Manager, Executive Offshore

09:30 – 09:55

#### DP Practices in Indian Offshore Region- An Operator's perspective

By: L.P.Tripathy, Head Quality, Safety & Training, Greatship India Limited

09:55 – 10:20

#### Questions / Discussion

10:20 – 10:50

Morning Tea / Coffee Break

### SESSION 2 – NEW & FUTURE DP VESSEL TECHNOLOGICAL DEVELOPMENT

Session Chairman:

10:50 – 11:15

#### Reducing Aft-Thrusters' Forbidden Zones with Advanced CFD Simulation for Offshore Construction Vessel

By: Kimmo Kokkila, Product Manager, Compact Azipod®, ABB Marine & Ports

11:15 – 11:40

#### Implementation of Smart Functions in Marine Vessels and Offshore Units

By: Lui Chi Wei, Principal Engineer, ABS

11:40 – 12:05

#### SceneScan – The first targetless DP laser sensor

By: Craig Wallis, Guidance Marine

12:05 – 12:30

#### Thruster System Developments

By: Thrustmaster and Rolls-Royce Asia Pacific

12:30 – 14:00

Lunch Break

### SESSION 3 – MTS DP COMMITTEE WORKSHOP

14:00 – 14:30

#### Cross Connections – Challenges That Remain

By: Joey Fisher, M3 Marine Expertise

14:25 – 15:30

#### WORKSHOP – CROSS CONNECTIONS, NETWORK STORMS & EXTERNAL INTERFACES

15:40 – 16:10

Afternoon Tea / Coffee Break

16:10 – 17:00

#### WORKSHOP – CROSS CONNECTIONS, NETWORK STORMS & EXTERNAL INTERFACES

Organized By:

MediaComz International Pte Ltd



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DAY 2

3<sup>rd</sup> July 2019

8:00 – 08: :30 Registration

## SESSION 1 – MTS DP COMMITTEE WORKSHOP

Session Chairman: Priyadarshan Pandey

0830 – 09:00 **Application of Activity Specific Operating Guidelines in Reality**

By: Priyadarshan Pandey & Rob Achten; POSH & Swire Pacific Offshore

09:00 – 10:20 **WORKSHOP – ASOG FOCUS SESSION**

10:20 – 10:50 Morning Tea / Coffee Break

10:50 – 12:30 **WORKSHOP – ASOG FOCUS SESSION**

12:30-14:00 Lunch Break

## SESSION 2 – COMPETENCY OF DP PERSONNEL & PRACTITIONERS

Session Chairman: Andy Lynch

14:00 – 14:30 **DP Training for the Future and Achieving Excellence**

By: Andy Lynch, Swire Pacific Offshore

14:30 – 15:00 **The DPO, Presumed Knowledge as opposed to Actual Understanding (comprehension)**

By: Lars Einar Rosenhaug Bjørset, Kongsberg Maritime

15:00 – 15:30 **Providing assurance for DP operations:**

By: Andy Goldsmith, IMCA

15:30 – 16:00 Afternoon Tea / Coffee Break

## SESSION 3 – MTS DP COMMITTEE WORKSHOP

16:00 – 17:15 **WORKSHOP – COMPETENCY OF SHORE BASED DP PERSONNEL & PRACTITIONERS**

17:15 **END OF DAY 2**



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DAY 3  
4<sup>th</sup> July 2019

8:00 – 08: :30 Registration

## SESSION 1 – HYBRID POWER SYSTEMS

Session Chairman: Marek Kaminski (Kreuz Subsea).

08:30 – 08:55 Hybrid Power Solutions — Increased Efficiency Through Integration

By: Srinivas Tati, Kongsberg Maritime

08:55 – 09:20 Efficient Vessel Operation with Hybrid Retrofit for OSV

By: Sanjay Verma, Warsila

09:20 – 09:55 SeaQ ESS Conversions and Hybrid Solutions

By Johan Stavik, Vard Electro

09:55 – 10:20 Questions / Discussion

10:20-10:50 Morning Tea / Coffee Break

## SESSION 2 – VALIDATION & VERIFICATION

Session Chairman: Steven Cargill

10:50 – 11:15 Establishing The Basis of Confidence for Predictable Incident Free DP Operations

By: Edward Bourgeau, Transocean Ltd

11:15 – 11:40 Autonomous and Distributed Designs for Predictable Performance of Hybrid Power Systems

By: Jason Aspin, CEO/COO, Aspin Kemp and Associates (A.K.A)

11:40 – 12:05 Comprehensive Power System Testing for Dynamically Positioned Vessels

By: Mark Craig, Sarah Whiteford, Kyyle Newton, OneStep Power Solutions Inc.

12:05-13:30 Lunch Break

## SESSION 3 – MTS DP COMMITTEE WORKSHOP

13:30 – 14:00 PANEL SESSION – VALIDATION & VERIFICATION

14:00 – 15:30 WORKSHOP – VALIDATION & VERIFICATION OF HYBRID POWER SYSTEMS

15:30 – 16:00 Afternoon Tea / Coffee Break

16:00 – 17:00 WORKSHOP – VALIDATION & VERIFICATION OF HYBRID POWER SYSTEMS

17:00 – 17:15 Conference Closing Remarks

17:15 END OF DAY 3

## CONFIRMED ATTENDING COMPANIES / ORGANISATIONS:



Organized By:  
MediaComz International Pte Ltd