



Dr. Sue Wang

*ABS
(Class)*

Manager of ABS in Cooperate Technology Group.

- ❑ Sue joined ABS in 1996 and has more than 20-year work experience
- ❑ Work includes advanced analysis for offshore and ship structures, Engineering Support , Rules and Guidelines Development.



Jason Aspin

*Aspin Kemp and
Associates (AKA)
(Control and
Protection System*

CEO/CTO of AKA

- ❑ Specializations in power engineering and systems integration,
- ❑ An innovator, who dedicates his time to designing solutions which are both socially and environmentally responsible with a focus on improving reliability for mission critical systems.
- ❑ Significant contribution in reducing the environmental footprint, increasing reliability and reducing operating costs for marine power generation and propulsion systems around the world.

❑ Recipient of MTS DP Committee Distinguished Achievement



Aleks Karlsen

*DNV-GL
(Class)*

DNV GL Senior Principle Specialist on Dynamic Positioning Systems.

- ❑ Responsible for the DNV GL classification DP rules and standards
- ❑ Leading the development of new rules and standards such as: Dynamic Positioning Systems with Enhanced Reliability – DYNPOS-E and -ER, Failure Mode and Effect Analysis – FMEA, Enhanced System Verification, including Hardware In the Loop testing – HIL, the DNV GL DP capability standard and the D



**Dr. Steven
Cargill**

*DNV-GL
(Independent 3rd
Party)*

Technical Authority for DP

- ❑ Key Contributor to the MTS Guidance Documents and TECOPS
- ❑ Recipient of the Marine Technology Society's Distinguished Achievement Award for his many contributions to DP
- ❑ Became a Fellow of the Marine Technology Society in 2017



Svein Borge

*Kongsberg
Maritime
(Propulsion/DPCS/IP
F)*

Responsible for K-Pos SW Releases

- ❑ POSMOOR SYSTEMS
- ❑ SW Developer for DP Product Department



Joey Fisher

*M3 Marine
Expertise
(Independent 3rd
Party Verifier)*

MD M3 MARINE EXPERTISE

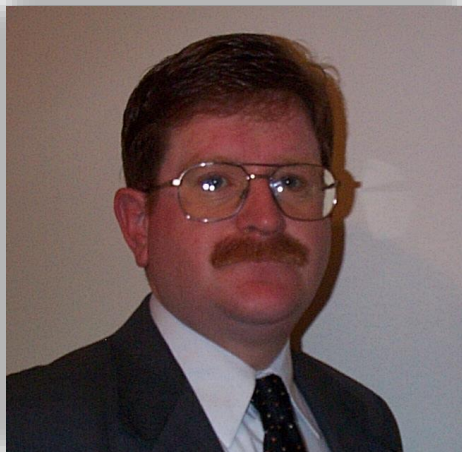
- ❑ Spends Much of his spare time assisting with development and review of guidelines
- ❑ Member of the MTS DP Sub Committee for Guidance and Standards, the IMCA Marine DP Committee and he is the Chairman of the DP Asia Technical Committee
- ❑ At M3 Marine Expertise, he leads a multidiscipline team of dedicated, solution driven project engineers and marine consultants.



**Dr. Ram
Gopalkrishnan**
*Royal Dutch Shell
(Ultimate End User)*

Global Discipline Head for Civil, Offshore, Pipelines, Metocean, and Subsea Engineering at Royal Dutch Shell

- ❑ Responsible for the global functional agenda for these disciplines, including defining the relevant corporate strategies, technical standards, resourcing priorities, succession plans, competence frameworks, learning curricula, and so on.
- ❑ Joined Shell in the R&D department and then subsequently through a variety of engineering and project delivery assignments.



**Edward
Bourgeau**
*Transocean
(Vessel Owner)*

Senior engineering manager with extensive domestic and international experience in the offshore drilling industry.

- ❑ Recognized for innovative design and problem solving including leading engineering effort of large 3rd party vendors.
- ❑ Co-inventor of 2 USA Patents dealing with power conversion and power generation control technologies and sole inventor of hybrid power for drilling applications.
- ❑ Developed and installed the technology for the first DNVGL approval to operate a DP3 vessel with closed main bus.
- ❑ Developed and installed the technology for the first electrical Hybrid Drill Floor.

❑ Recipient of MTS-DP Committee Distinguished Achievement Award



Norbert Bulten
*Wärtsilä
(Propulsion/DPCS)*

Product Performance Manager of Wärtsilä Propulsion.

- ❑ Contributed to the development of the Wärtsilä tilted thruster series, and he has presented the progress on the hydrodynamic aspects of thrusters in a number of MTS-DP papers and presentations (2007 / 2013 / 2016).
- ❑ At the moment he is driving the developments towards integrated system simulations of the propulsion equipment and controls logic.