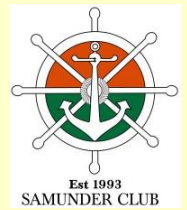




# SAMUNDER CLUB OF HOUSTON



In Collaboration with Our Supporting Organizations



Cordially Invites You To Our

## 7<sup>th</sup> Technical Roundtable



### Marine Hoses as Engineered Consumables

By **Sathish Balasubramanian, ExxonMobil**

XOM's philosophy and approach to life cycle management of marine hoses is critical to offshore oil and gas operations. Sathish will share valuable insights.



### Refurbishment of LNG Aquarius - at Age 35

By **Ed Carr, MOL Bulk Shipping (USA)**

In 2012 MOL decided to refurbish LNG Aquarius, a 1977-built 125k Moss-type LNGC, and also recycle the LNG Aries, a sister ship of similar age. Ed Carr will discuss the process of both projects, refurbishment, recycling and outcomes.



### The Future is Electric!

By **Tom Johansen & Luke Bryant, Siemens AS**

Based on Siemens' Combined Cycle (Gas/Steam) Power Plants, Tom and Luke Bryant will reveal to us Energy Efficient Solutions" for Marine and Drilling Applications, and how to optimize power rating on floating offshore structures.



### LNG as a Fuel – Vessel Updates

By **Jan Hagen Andersen, DNVGL**

As a leading Service Provider DNVGL of our Oil and Gas Industry, most LNG-fuelled ships have been classed by DNVGL. Jan Andersen will share his extensive knowledge and experience on the latest updates in this technology.

**Oct 14<sup>th</sup>, 2016; 1400-1800. Taj Convention & Restaurant.**

14:00 – 14:30 Registration and Networking

14:30 – 17:00 Presentations, followed by interactive Q&A Session

17:00 – 18:00 Dinner

**There is no Fee for your attendance. However you must RSVP**

**RSVP** at the [www.SAMUNDERCLUB.ORG](http://www.SAMUNDERCLUB.ORG), or, send an email to [VinoStudio8@Gmail.com](mailto:VinoStudio8@Gmail.com).

**Venue:** Taj Restaurant, 13320 Westheimer Road, Houston, TX 77077



## Sathish Balasubramanian, ExxonMobil Production Company

Sathish is the Marine Supervisor for Upstream Engineering in ExxonMobil. In present and recent roles, Sathish has been leading or contributing to multifunctional teams supporting design and operational risk management of offshore oil and gas systems for ExxonMobil.

His special areas of expertise are in the Integrity Management of deep water Floating Production Facilities, LNG carriers, and technology qualification efforts for offshore cargo transfer for oil and LNG.

Sathish graduated with a B.Tech in Naval Architecture from the Indian Institute of Technology (IIT Madras), and has a Ph.D from the University of Miami in Applied Marine Physics.



Present Professional Affiliations include:

- Convenor, TC67/WG5 (Floating Structures); International Standards Organization
- Society of Naval Architects and Marine Engineers, (SNAME), Member (1996)



## Ed Carr, VP Business Development, MOL Bulk Shipping (USA)

Captain Ed Carr graduated from Massachusetts Maritime Academy in 1977. He spent 20 years at sea aboard the LNG carriers of the ETC/BGT fleet trading between Indonesia and Japan. In 1998 he came ashore and joined RasGas Company Ltd in Qatar as its first Shipping Operations Manager.

In 2003 he joined Mitsui O.S.K. Bulk Shipping (Europe), as Deputy General Manager – LNG where his responsibilities included marketing and new business development in the Atlantic Basin.

From September of 2006 Ed became Managing Director of MOL LNG Transport (Europe) Ltd., a newly formed ship management company in London which managed 15 MOL LNG vessels.

In January 2014 he became a Vice President of MOL Bulk Shipping (USA) and the General Manager of its Houston LNG office, where his primary responsibility is Business Development.



**SIEMENS**

**Tom Johansen and Luke Bryant, Siemens AS**

TJ has been working with large technology companies like ABB & Siemens for the last 35 years, mainly with marine and oil & gas offshore projects in various positions.

The last years TJ has been responsible for global sales and marketing of electrical and automation systems to drilling rigs and offshore vessels. TJ is a Norwegian citizen.



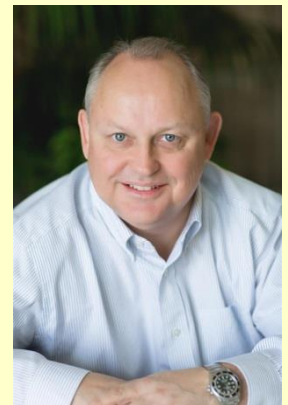
**Luke will supply his bio and picture shortly, as he is presently in south Florida taking care of his home in the path of Hurricane Matthew. We pray that all will be safe.**



**Jan Hagen Andersen, DNVGL**

Presently a Business Development Manager for DNV GL Maritime, Jan Hagen Andersen has 25 years of experience in the maritime industry with a focus on propulsion systems and machinery. After graduation from Engineering College in Norway, he completed a Master of Science in Mechanical Engineering from the University of Washington in Seattle, Washington, in 1991. Subsequently Jan joined TransMarine Propulsion Systems, Inc., a marine engineering and service company in Seattle.

In 2005 he joined DNV in Norway in the Machinery Section of Maritime Technical Advisory. This advisory group in DNV GL provides expert consultancy to ship owners, ship yards, manufacturers, and designers. In 2010 Jan and his family moved to DNV Maritime in Houston, Texas and is currently a Business Development Manager for Region Americas in Houston. In this role, he is focusing on fleet performance management, energy efficiency, environmental compliance, and engineering advisory services to maritime customers.



Among his many responsibilities, Jan Andersen also provides Advisory Services for LNG-Fuelled Vessels, and he is engaged with several projects and studies regarding LNG as marine fuel.

Jan is a Licensed Professional Engineer and Member of SNAME M-16 Panel on Propulsion Shafting.