



The Institute of Marine Engineering, Science & Technology



Eastern USA Branch

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October 31, 2019

MEETING NOTICE

The next technical meeting of the IMarEST Eastern USA Branch will be a joint session with the Society of Naval Architects and Marine Engineers (SNAME), the Society of Marine Port Engineers (SMPE), and the American Society of Naval Engineers (ASNE). This meeting is being hosted by the IMarEST.

Date: Wednesday, November 13, 2019

Location: India House
1 Hanover Square
New York, NY 10004

Topic: Eliminating the Sterntube in New Deep Sea Ship Construction

Presenter: Ken Ogle, P.Eng, C.Eng, FIMarEST, Director of Engineering, Thordon Bearings Inc.

<u>Time:</u>	Social Hour	– 5:00 PM	<u>Cost:</u>	Members	– \$40.00
	Dinner	– 6:00 PM		Non-Members	– \$55.00
	Technical Session	– 7:00 PM		Student Members	– \$15.00
				Student Non-Members	– \$25.00

Additional details about this presentation and future meetings can be found on the following pages. Please also see the Eastern USA Branch’s website for details on viewing a live webcast of this meeting and recordings of past meetings.

Please E-mail your plans to attend to Bradley Golden, Chairman & Honorary Secretary (goldenmarineandoffshore@gmail.com) by Monday, November 11, 2019. We encourage inviting prospective new members interested in joining the Institute to attend a technical meeting as a guest of the Eastern USA Branch of the IMarEST.

Best regards,

Bradley D.M. Golden, Chairman & Honorary Secretary

Vice Chair – Technical
Paul Hormann
pmhormann@gmail.com

Honorary Secretary Emeritus
Robert J. Bazzini



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TECHNICAL PRESENTATION INFORMATION

Date: Wednesday, November 13, 2019

Location: India House
1 Hanover Square
New York, NY 10004

Topic: Eliminating the Sterntube in New Deep Sea Ship Construction

Presenter: Ken Ogle, P.Eng, C.Eng, FIMarEST, Director of Engineering, Thordon Bearings Inc.

Ken started his sea-going career as Engineer Cadet in 1978 and attained Chief Engineers License at age 26. After 17 years at sea with the P&O Group, he returned ashore to study for a 1st Class B.Eng (Hons) in Mechanical Engineering at Southbank University, London. He was a Senior Surveyor within the Technical Investigation Department of Lloyd's Register, then Engineering Manager with Railko before joining Thordon Bearings in 2001.

Abstract: With water lubricated shafts, the point of sealing the shaft needed to be positioned for access and that required a connecting tube to the sealing gland location. With oil lubricated bearings, a tube was required to contain the oil. As more ships are now being fitted with water lubricated bearings, the need for the ubiquitous stern tube becomes questionable. This presentation will address the potential for fundamental design changes to vessel construction from the perspective of material cost reduction and the simplification of ship-building procedures, based on elimination of the stern tube. As propulsion systems evolve into increasingly complex packages this initiative toward simplification may have appeal.

This presentation is expected to be accredited for 1 PDH. Please contact SNAME's Professional Engineer Continuing Education Program Evaluator, David Chapman (davechapman50@gmail.com), for more details.



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NEW YORK AREA JOINT SOCIETIES' MEETING SCHEDULE, 2019-2020

Date	Day	Event	Host	Location	Presentation
18 Sep 2019	Wed	SNAME Meeting Past Chairman's Night	SNAME	India House 1 Hanover Sq.	International Regulations / Rod Acquie
16 Oct 2019	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	India House 1 Hanover Sq.	The Effects of Hull and Propeller Roughness on Ship Speed, Power, Required Freight Rate and Maneuverability / John Daidola
30 Oct-2 Nov 2019	Wed- Sat	SNAME Maritime Convention	SNAME	Tacoma, WA	Papers at Meeting
13 Nov 2019	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	India House 1 Hanover Sq.	Eliminating the Sterntube in New Deep Sea Ship Construction / Ken Ogle
11 Dec 2019	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Iberia Peninsula Newark, NJ	TBA
15 Jan 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Iberia Peninsula Newark, NJ	TBA
19 Feb 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (SMPE Elections)	SNAME	India House 1 Hanover Sq.	TBA
18 Mar 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	India House 1 Hanover Sq.	TBA
22 Apr 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (SNAME Elections)	SNAME	Riccardo's by the Bridge Astoria, NY	Student Papers
20 May 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (Student Paper Night)	ASNE	Riccardo's by the Bridge Astoria, NY	Student Papers
13 Jun 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	India House 1 Hanover Sq.	
16-18 Jun 2020	Tue- Thur	TSS/ASNE Day 2020	ASNE	Washington DC	Papers at Meeting