



# The Institute of Marine Engineering, Science & Technology



## Eastern USA Branch

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March 29, 2016

### 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: Tuesday, April 12, 2016

Location: O'Reilly's Bar + Kitchen  
21 West 35th Street, New York, NY 10001  
(35th Street between 5th & 6th Avenues)

Topic: Ballast Water Management: Status of USCG and IMO Regulations

Presenter: William Burroughs, CEng CMarEng FIMarEST, Senior Principal Engineer  
ABS Operational & Environmental Performance – Global Marine

<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 E-mail your plans to attend to Bradley Golden, Chairman & Honorary Secretary ([bradley.golden@tritec-marine.com](mailto:bradley.golden@tritec-marine.com)) by Friday, April 8, 2016. 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@aol.com](mailto:pmhormann@aol.com)

Honorary Secretary Emeritus  
Robert J. Bazzini  
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## **Eastern USA Branch**

### **TECHNICAL PRESENTATION INFORMATION**

**Date:** Tuesday, April 12, 2016

**Location:** O'Reilly's Bar + Kitchen  
21 West 35th Street, New York, NY 10001  
(35th Street between 5th & 6th Avenues)

**Topic:** Ballast Water Management: Status of USCG and IMO Regulations

**Presenter:** **William Burroughs, CEng CMarEng FIMarEST, Senior Principal Engineer  
ABS Operational & Environmental Performance – Global Marine**

William Burroughs is a Senior Principal Engineer at ABS Operational & Environmental Performance part of the ABS Global Marine. Bill is responsible for providing guidance and advisory services in support of international, national and regional marine environmental regulations and promoting environmental related services.

Prior to joining ABS, Bill was Product Line Manager for the BALPURE® BWMS manufactured by De Nora Water Technologies. He also served as Lieutenant in the United States Navy's submarine force with specific responsibilities for propulsion system operations and weapons systems readiness. Bill's experience in engineering systems and project management spans over 33 years and he has extensive theoretical knowledge and practical experience in the fields of chemical, electrical, mechanical, and nuclear engineering. Bill earned a bachelor's degree in Chemical Engineering from Auburn University and he is also a Chartered Engineer and Chartered Marine Engineer of The Institute of Marine Engineering, Science and Technology (IMarEST) and member of the IMarEST Ballast Water Experts Group.

Bill has been involved on the technological, practical, and legislative aspects of ballast water treatment (BWT) since 2003. He has developed an in-depth understanding of BWT systems, combined with extensive awareness of the regulatory framework and the complexities associated with evolving BWT regulations and positions by flag administrations. As part of ABS, Bill's focus is to provide clients with technical and safety aspects of compliance with international, national and regional marine environmental regulations.



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**Abstract:** USCG ballast water regulations and US EPA Vessel General Permit (VGP) are currently enforced for discharging ballast water to waters of the U.S. The IMO Ballast Water Management Convention is close to ratification and will likely be ratified soon. One year following ratification of the IMO BWM Convention, ballast water discharge standards will require major changes in the operations for most ships worldwide. This discussion provides the current status of USCG ballast water discharge standards implementation and an update to the IMO BWM Convention as it moves towards ratification.

This presentation is expected to be accredited for 1 PDH. Please contact SNAME's Professional Engineer Continuing Education Program Evaluator, Professor Alan Rowen ([alanlrowen@gmail.com](mailto:alanlrowen@gmail.com)), for more details.



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## Eastern USA Branch

### NEW YORK AREA JOINT SOCIETIES' MEETING SCHEDULE, 2015-2016

Date	Day	Event	Host	Location	Presentation
14 Sep 15	Monday	SMPE Golf Outing	SMPE	Bloomfield, NJ	
10 Sep 15	Thursday	SNAME Meeting Past Chairmen's Night	SNAME	Riccardo's	Design of a 2,600 HP inland river Z-Drive towboat for the US Army Corps of Engineers
7 Oct 15	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	O'Reilly's	National Maritime Response Platforms
3-7 Nov 15	Tuesday-Saturday	SNAME Maritime Convention	SNAME	Providence, RI	Papers at Meeting
17 Nov 15	Tuesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	O'Reilly's	The Next Generation of Greener Hopper Dredge
14 Dec 15	Monday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Peninsula Newark	Newest Turbocharging Products for 2- and 4-Stroke Engines
20 Jan 16	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Peninsula Newark	Benefits from Vortex Shedding
(TBD) Feb 16	(TBD)	SMPE Family Day	SMPE	Landmark	
2-3 Mar 16	Wednesday-Thursday	ASNE Day 2016	ASNE	Washington, DC	Papers at Meeting
16 Mar 16	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting SNAME Elections	ASNE	O'Reilly's	Hydrodynamics of High Performance Marine Vehicles
12 Apr 16	Tuesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	O'Reilly's	Ballast Water Management: Status of USCG and IMO Regulations
10 May 16	Tuesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (Student Paper Night)	SNAME	Riccardo's	Student Papers
1 Jun 16	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME		
(TBD) Jun 16	(TBD)	SMPE Dinner Dance	SMPE		