



The Institute of Marine Engineering, Science & Technology



Eastern USA Branch

Chairman & Honorary Secretary
Bradley D.M. Golden
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Honorary Treasurer
Chris Law

January 9, 2020

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 SMPE.

Date: Wednesday, January 15, 2020

Location: Iberia Peninsula Restaurant
63-69 Ferry Street
Newark, NJ 07105

Topic: Reliability Based Maintenance Programs

Presenter: Brian Graney, BPG Engineering Company

<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, January 13, 2020. 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, January 15, 2020
- Location:** Iberia Peninsula Restaurant
63-69 Ferry Street
Newark, NJ 07105
- Topic:** Reliability Based Maintenance Programs
- Presenter:** Brian Graney, BPG Engineering Company

Brian P. Graney, is the Founder and Owner of for the BPG Engineering Company. Brian holds a Bachelor's degree in marine engineering. He is a graduate of the United States Merchant Marine Academy, Kings Point, New York. He also holds a seagoing U.S. Coast Guard Marine Engineering license. Brian started his career as an Engineering Surveyor for the American Bureau of Shipping in New York City. He held that position for over 10 years. Brian has over 30 years in the preventative maintenance field.

Abstract: BPG Engineering Company provides vibration analysis and condition monitoring programs for the use of Reliability Based Maintenance Programs in the marine industry and industrial facilities.

The purpose of these programs is to give the plant operators the ability to measure the overall condition of their assets using diagnostic tools such as machine vibration analysis, electrical infrared thermograph, oil analysis, and diesel engine performance monitoring to determine individual machinery and equipment conditions. This permits them to shut down assets only when these diagnostics indicate that repair is necessary. This prevents unnecessary shut downs, thus saving their maintenance dollars. The use and values, and the operational cost savings of these diagnostics will be explained in this presentation.

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	Ropes and Wires for the Marine Industry / Mark Pieter Frolich
15 Jan 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Iberia Peninsula Newark, NJ	Reliability Based Maintenance Programs / Brian Graney
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	India House 1 Hanover Sq.	Student Papers
13 Jun 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	India House 1 Hanover Sq.	TBA
16-18 Jun 2020	Tue- Thur	TSS/ASNE Day 2020	ASNE	Washington DC	Papers at Meeting