

SNAME

THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS

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New Edition of *Marine Engineering* Planned

SNAME announces the preparation of a major new edition of its text *Marine Engineering*. The revision will be led by Michael Parsons, FSNAME, Arthur F. Thurnau Prof Emeritus at the University of Michigan. The Fourth Edition of this book will be authored by various SNAME members, all experts in the field.

During the 24 years since the Third Edition tremendous changes have occurred in marine engineering, most notably in environmental considerations and marine fuels. Notable issues not addressed or weak in the Third Edition include the following:

- Air emissions and compliance approaches: engine design and after treatment
- Ballast water and hull fouling and treatment
- Natural gas fuel storage and utilization
- Dynamic positioning systems and their dynamics
- Developments in high-power power electronics and integrated electric plants; both naval and commercial applications
- Hybrid systems including DC distribution, advanced batteries, fuel cells, solar cells and ultra/super capacitors

There are also plans to include marine specific developments in the basic sciences and policy by including tutorials in air emissions and biological transfer and hull fouling.

The overall effort will be under the guidance of a Control Committee including:

- Tom Mackey, Chairman
- Prof. Mike Parsons, Editor *Marine Engineering*
- Joe Comer, President SNAME
- Marty Toyen, President Elect SNAME
- Rick Ashcroft, Chair SNAME T&R Steering Committee, NASSCO
- Barney Bentgen, B. Bentgen Marine Consulting
- Dr. Norbert Doerry, Capt. USN (ret.), NAVSEA
- Prof. Jose Femenia, USMMA, past President SNAME
- James Gaughan, ABS
- John Hatley, Wärtsilä
- Peter Noble, Noble Assoc., past President SNAME
- Lars Ronning, SNAME FVP

Frank Mungo, IMarEST Honorary Treasurer

Susan Evans, SNAME, ex officio

A distinguished group of SNAME and IMarEST members has already agreed to serve as a lead author of a chapter including:

Prof. Alan Brown, VATEch
Dietmar Deter, Nautex Inc., Houston
Dr. Norbert Doerry, NAVSEA
Prof. Jose Femenia, USMMA
John Hatley, Wärtsilä
Milton Korn, independent, Houston
Dr. Stelios Kyriacou, Wärtsilä
Dr. Bev MacKenzie, IMarEST
Dr. Chris McKesson, U British Columbia
Frank Mungo, IMarEST
Peter Noble, Noble Assoc., Houston
Prof. Mike Parsons, Michigan
Prof. Tassos Perakis, Michigan
Kevin Prince, Gibbs and Cox
Kevin Reynolds, Glostest Assoc., Seattle
Dr. Bill Sembler, Coffin Turbo Pump
Gary Van Tassel, Argent Marine

Each chapter will be e-published upon completion, with the entire book being completed by 2019. SNAME members interested in participating in the revision should contact Editor Mike Parsons (parsons@umich.edu). General inquiries about the revision should be directed to Susan Evans Grove, Director of Content at SNAME (sevans@sname.org)