

High Performance Craft Expo

(HiPer Craft 2012)

Norfolk, Virginia, USA
26-27 June 2012

ISBN: 978-1-62748-837-2

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2012) by the American Society of Naval Engineers
All rights reserved.

Printed by Curran Associates, Inc. (2013)

For permission requests, please contact the American Society of Naval Engineers
at the address below.

American Society of Naval Engineers
1452 Duke Street
Alexandria, Virginia 22314

Phone: (703) 836-6727

Fax: (703) 836-7491

asnehq@navalengineers.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Tuesday, June 26

Keynote Speaker: Navy Acquisition

USN and FMS Boats & Craft View From the Bridge1
Mr. Frank McCarthy, Program Manager, PMS 325

Panel: Human Systems Integration for High Speed Watercraft

Moderator: Dr. Julie Stark, NSWC Carderock Combatant Craft Division

HiPer Craft Expo Human Systems Integration Panel13
Dr. Dale Bass, Duke University/NAVSEA Panama City

HSI for High Speed Water Craft18
Ms. Dawn Gray, Lead HFE for USCG Surface Assets

The Role of the Classification Society for High Performance Government Vessels23
Mr. Eric R. Norris; ABS Americas

Wednesday, June 27

Keynote Speaker: Coast Guard Acquisition

Acquisition Directorate35
Michael Tangora, Deputy CAO & Director of Acquisition Services, USCG

Panel: Shock & Vibration Challenges, Requirements and Advancements

Moderator: Dr. Timothy Coats, Director of R&D, NSWC Carderock Combatant Craft Division

High Speed Craft Measurement and Injury Assessment43
Dr. Dale Bass, Allison L. Schmidt, Eric Pierce, Duke University/NAVSEA Panama City

Characterizing Shock in Planing Craft Due to High-Speed Wave Impact67
Mr. Mike Riley, The Columbia Group

Commercial Presentations: Shock & Vibration

Advanced Combatant Craft for Increased Affordability N091-04975
Scott M. Lewit, Structural Composites, Inc.