

Multi-Agency Craft Conference (MACC 2016)

Baltimore, Maryland, USA
8 - 9 June 2016

ISBN: 978-1-5108-2782-0

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© (2016) by the American Society of Naval Engineers
All rights reserved.

Printed by Curran Associates, Inc. (2016)

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

TABLE OF CONTENTS

Using Multi Criteria Decision Making for Requirements Definition of Systems Architectures	1
<i>D.R. Bridges, P. Blessner, B. Olson</i>	
Gyro Stabilizer Foundations - Design Approaches and Lessons Learned	7
<i>J. Bowles, A. Edwards</i>	
ABYC Maneuvering Test Procedures for Small Craft: Review and Case Studies.....	25
<i>M.G. Morabito, B. Goodwin</i>	
The Hour of Power - Hybrid Technology for Military Applications.....	37
<i>J. Haynes</i>	
The Evolution of Small Craft Waterjet Propulsion Systems within Recent Years	51
<i>J. Kuivanto</i>	
Advanced Combatant Craft for Increased Affordability	59
<i>S.M. Lewit</i>	
Guidelines for Noise and Vibration of High Speed Patrol Craft	71
<i>D. Milburn</i>	
Surface Forces Logistics Center Overview	84
<i>D.M. Schofield</i>	
Corrosion, Impact and Abrasion Protection of Boat Hulls and Marine Surfaces.....	95
<i>E.A. Stefanescu</i>	
US Navy Support Ships, Boats, and Craft: PEO Ships/PMS 325G Overview.....	108
<i>J.D. Thomas</i>	
Consumer to Producer: A Journey as a 30 Year Career Naval Special Warfare Officer Transitioned From Using Boats to Building Boats	117
<i>E. Thompson</i>	
New Developments in Stepped Hull Design - Initial Feasibility.....	121
<i>J. Bowles, R.J. Walling</i>	
Author Index	