

Combat Systems Symposium 2012

“Balancing Capability and Capacity”

**Arlington, Virginia
26-27 March 2012**

ISBN: 978-1-62748-827-3

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

TABLE OF CONTENTS

DAY ONE – CAPACITY

KEYNOTE SPEAKER

Balancing Capability and Capacity	1
<i>James D. Syring</i>	

SESSION ONE – WARFIGHTER CAPACITY: VIEW FROM THE BRIDGE

EPAA Deployment Brief	14
<i>James W. Kilby</i>	

MANAGING CAPACITY

Building Operational Flexibility	17
<i>Dave Lewis</i>	

LUNCH KEYNOTE

Balancing Capability and Capacity	29
<i>John T. Blake</i>	

DAY TWO – CAPABILITY

SESSION THREE – NEW TECHNOLOGIES/CAPABILITIES

New Technologies and Capabilities	41
<i>Jon Hill</i>	
Naval Surface Warfare Center, Dahlgren Division	46
<i>Michael H. Smith</i>	
Electromagnetic Railgun	49
<i>Mike Ziv</i>	
Afloat Networks	55
<i>D. A. Legoff</i>	
Laser Weapons for Naval Applications	60
<i>Phillip Sprangle</i>	

LUNCH KEYNOTE

Capability vs. Capacity Resource Balancing	70
<i>Thomas J. Eccles</i>	

SESSION FOUR – CAPABILITY VS. CAPACITY – PERSPECTIVES AND DISCUSSION

Balancing Capability and Capacity	75
<i>James D. Syring</i>	
Capability vs. Capacity	78
<i>David H. Lewis</i>	
Author Index	