

# **8th International Dry Dock Conference 2014**

**New Orleans, Louisiana, USA  
1 – 2 December 2014**

**ISBN: 978-1-5108-0051-9**

**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© (2014) by DM Consulting  
All rights reserved.

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact DM Consulting  
at the address below.

DM Consulting  
c/o Joe Stiglich  
12316 Dormouse Road  
San Diego, CA 92129

Phone: (858) 705-0760  
Fax: (858) 538-5382

[joe@drydocktraining.com](mailto:joe@drydocktraining.com)

**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](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

# TABLE OF CONTENTS

|  |     |
|--|-----|
| <b>The Economics of Drydocking in a Common Use Environment</b> .....                             | 1   |
| <i>N/A</i>   |     |
| <b>Retrofitting Dry Dock Ballast Control Systems</b> .....                                       | 24  |
| <i>S. Brox, R. Hawk</i>  |     |
| <b>Large Floating Dry Docks in the United States</b> .....                                       | 33  |
| <i>R. Heger</i>  |     |
| <b>Drydocking a Damaged Ship</b> .....   | 68  |
| <i>J. Anderson</i>   |     |
| <b>The Build May Have Been a Bit Non-Standard but it Worked</b> .....                            | 81  |
| <i>N/A</i>   |     |
| <b>Undocking the UK's New Build Aircraft Carrier "HMS Queen Elizabeth"</b> .....                 | 109 |
| <i>A. Dodkins, A. Clarkson</i>   |     |
| <b>ASCE Commerical Dry Dock Standard</b> .....   | 131 |
| <i>P. Harren</i>   |     |
| <b>Marine Travelift</b> .....  | 140 |
| <i>N/A</i>   |     |
| <b>Undocking of HMCS CHICOUTIMI</b> .....  | 146 |
| <i>E. Poulin</i>   |     |
| <b>Getting Ships into the Water: Float Out...Ship Launchings</b> .....                           | 162 |
| <i>F. Russell, L. Duby</i>   |     |
| <b>Drydocking by Lift On/Lift Off - LOLO Heavy Lift Transport of 2 Range Support Craft</b> ..... | 190 |
| <i>R. Wasalaski</i>  |     |
| <b>DAMEN</b> .....   | 215 |
| <i>M. Karsijns</i>   |     |
| <b>Vertical Shiplifts and Transfer Systems</b> .....   | 224 |
| <i>D. Pearlson</i>   |     |
| <b>Maintaining Ageing Dry Docks: An Engineering Perspective</b> .....                            | 238 |
| <i>J. Watts</i>  |     |
| <b>Author Index</b>  |     |