(contents) MARINE TECHNOLOGY October 2017





[FEATURES]

[DEPARTMENTS]

40

Rapid Response Damage Assessment

BY FENG WEN

An ABS program measuring vessel damage following an accident

48

Getting the Balance Right

BY LUKE BRIANT AND DAN WISE

Technologies enabling safe and reliable operation of platform support vessels

54

Survivability of the Future Frigate

BY KELSEY ROGERS AND JOHN A. WALTHAM SAJDAK How integrated recoverability impacts fight through capability











- 4 From the Editorial Board
- 5 Feature Contributors
- 6 President's Message
- 6 SNAME Events
- 7 Opinion
- SNAME Maritime Convention
- 14 Marine Technology Notes
- 62 Travel
- 66 Education
- 70 In Review
- 74 Abstracts
- 76 Glossary
- 78 Historical Note

Neutralizing the Threat

BY APRIL DANOS AND PAM EVERITT

Increased complexity and shrinking budgets translate to more cybersecurity risk for ports



ON THE COVER:

The Panama-flagged car carrier Modern Express is towed into the port of Bilbao in Spain in February 2016, following her listing during a storm at sea. Photo by Juanma Aparicio.

COVER DESIGN BY BATES CREATIVE

Subscriptions: (mt) Marine Technology is circulated to all members of SNAME as a portion of their dues allocation. Non-member subscriptions are \$125 annually for the U.S. and possessions; single copies are \$35. For international non-members, subscriptions are \$140 annually; single copies are \$35. (mt) Marine Technology is dedicated to James Kennedy, 1867–1936, marine engineer and longtime member of SNAME, in recognition and appreciation of his sincere and generous interest in furthering ship design, shipbuilding, ship operation, and related activities.

(mt) Marine Technology (ISSN 2153-4721) is published quarterly in January, April, July, and October by SNAME, 99 Canal Center Plaza, Suite 310, Alexandria, VA 22314. Periodicals postage paid at Jersey City, NJ and additional mailling offices. Annual subscription rates: For U.S. and possessions, \$125; single copy, \$35. For international: \$140; single copy, \$35. Copyright © 2017 by SNAME. POSTMASTER: Send address changes to SNAME, 99 Canal Center Plaza, Suite 310, Alexandria, VA 22314.