(contents)

MARINE TECHNOLOGY April 2017



The Pulse of the Industry

BY ERIC GREENE

Understanding how and why boatbuilding is changing



ON THE COVER:

M/Y King Baby is shown underway on a trip to St. Martin's. The 140-ft. composite superyacht was built in mainland China and launched in August 2015. For more on King Baby, see "Keeping the Plates Spinning," beginning on page 36. Photo by Quin Bisset.

[FEATURES]

30

Ever Larger

BY TYLER DOYLE

Simulation is enabling the design and construction of the largest sails in the world

36

Keeping the Plates Spinning

BY TIM KINGS

Project management of the design and construction of a superyacht

44

Driving Force

BY JOHN SCHERER

Getting the lay of the land in propulsion systems for recreational and racing craft

52

Hard Lesson

BY SATCHEL DOUGLAS

Sometimes it's the journey, not the destination

58

Vessel Report: Jupiter Sport Bridge 41

62

Vessel Report: Bertram 35

[DEPARTMENTS]





- 4 From the Editorial Board
- 5 Feature Contributors
- 6 President's Message
- **6** SNAME Events
- 7 Policy Briefing
- 11 Founders and leaders
- 18 Marine Technology Note
- 70 SNAME Collaboration
- 74 Abstracts
- 76 Glossary
- 77 Historical Note

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 (ity, NJ and additional mailing 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.