

Features

Offshore

Bourbon looks for rebound

CEO of Bourbon, Christian Lefevre shares his near-term outlook on the offshore energy market PLUS: Tidewater orders PSVs p. 19

Tugs & Barges

New muscle on the Great Lakes



Donjon Shipbuilding & Repair recently completed its first newbuild the 10,700 hp tug Ken Boothe Sr.

p. 32

Environment

The path to energy savvy tugs Increasing environmental regulatory

challenges are driving owners and operators to look at hull hydrodynamics and alternative energy sources

Fuels & Lubes

Making the switch

Planning ahead will help operators handle the change over to Ultra Low Sulfur p. 40

Departments

- **EDITORIAL** Stuck at the dock
- WATERWAYS COLUMN American priorities

UPDATE

Boxship building spree

· China's continued thirst for oil

to pressure prices · Austal breaks ground on expansion · Details on



Cruises' new ship · Fuel cells for Hornblower Hybrid

16 INSIDE WASHINGTON Hearings highlight moratorium's impact on gulf employment

42 NEWSMAKERS

And much more...

44 TECH NEWS

47 CONTRACTS

48 BUYER'S GUIDE

49 ML MARKETPLACE

52 SHIPBUILDING HISTORY Henry C. Grebe & Company: Custom Cruisers By Tim Colton

TUGS & BARGES EXHIBITOR'S PREVIEW

A look at some of this year's exhibitors

D. 35



NEXT MONTH: EUROPEAN MARINE TECHNOLOGY · SHIPBUILDING PRODUCTION & DESIGN

MARINE LOG, (USPS \$76-920) established 1878, is published monthly by Simmons-Boardman Publishing Corporation, 345 Hudson Street, New York, NY 10014
D 2021 Simmons-Boardman Publishing Corporation; All rights reserved. Printed in the U.S.A. No part of this publication may be reproduced in any fashion without the written permission of Simmons-Boardman Publishing. Annual Print and Digital Subscriptions: Qualified subscribers may request a subscription. Non-qualified subscribers in the U.S., Canada or Mexico for the Print QR Digital Edition, 592, one year, 5147, two years. For Print AND Digital Editions, U.S., Canada and Mexico, \$138 for one year and \$221 for two years. All other countries for Print QR Digital, \$202, one year or \$302, one year by Air Mail, \$255, two years or \$455 for two years by Air Mail, \$255, two years or \$455 for two years by Air Mail, \$255, two years or \$455 for two years by Air Mail, \$255, two years or \$455 for two years or \$583 for two years with Air Mail. Periodical Class postage paid at New York, NY, ISSN 08970491, and at additional mailing offices. Canada Post Cust #7204654, Agreement #41094515. Bleuchip Intil, P.O. Box 25542, London, ON NGC 682 For subscriptions, address changes and adjustments, write to Marine Log, P.O. Box 25 Ormaha, NE 68101 0010 Publishers are not responsible for the safekceping or return of unsolicine material CIRCULATION & SUBSCRIPTIONS: Call toll free (809) 895-395, Monday Friday 9 am — 5 pm EST SINGLE COPIES. Hinter Store Division, Publication Products, Old Mansfield Rd, Wooster, OH 46691 (804) 321-881. FOR REPRINT INFORMATION Contact PARS international Corp., 102 W 38th St., 6th Floor, New York, NY, 10018 Phone (2012) 221-9395 Fax (2012) 221-9165.

POSTMASTER: Send address changes to: Marine Log, P.O. Box 20, Omaha, NE 68202-0020

© 2021 Simmons-Boardman Publishing Corporation. All rights reserved.