

Contents

Features



31

12 ► MARINE PROFESSIONALS DIRECTORY

SAFETY MANAGEMENT, TRAINING & EDUCATION

19 ► Onboard Safety Drills: Your Best Survival Tool

BY TOM AMIRAULT

21 ► Co-op Student Program

BY THE ASSOCIATION OF BC MARINE INDUSTRIES

23 ► Training changes the Safety Culture in a Boatyard

BY TIFFANY MOORE, QUADRANT MARINE INSTITUTE

FROM THE DESIGN TABLE

25 ► HERSIKORN A dredge for extreme conditions

BY DAVID R. CONN

31 ► WATERFRONT Steveston and the Fraser River, Part 1

PHOTOS & TEXT BY SIMON HILL

54 ► WESTERN PORTS & TERMINALS A Freight Transportation Spotlight *Usually invisible, trains and ships are in the news*

BY FRED McCAGUE



On the Cover:

Hodder Tugboat's 38-ft, 600-hp single-screw tug RIVER STAR on the Fraser River's North Arm (see page 43).

PHOTO BY SIMON HILL

Western Mariner®

The Magazine of the Coast

CANADA'S COMMERCIAL MARINE MAGAZINE

SEPTEMBER 2021 VOLUME 19 NUMBER 7

Departments

From the Editor's Desk 6

Tough, resilient and safe

BY SIMON HILL

From the Publisher's Desk 6

Delightful Voyages

BY DAVID RAHN

Letters 7

A Letter from Home 11

Going Electric

BY MRS. AMOR DE COSMOS

Deck Watch No. 200 51

Swan, Steam and solar power

BY CAPT. BARB HOWE

Legal Net 52

The Wrecked, Abandoned or

Hazardous Vessels Act

New legislation for a longstanding problem

BY RYAN S. BERNARD

Mariner's News 61

Maritime Museum of BC update;

Fuel oil removed from the SCHIEDYK

shipwreck; Seaspan funds a

faculty chair at UBC

COMPILED BY DAVID RAHN

Books for Mariners 62

COMPILED BY DAVID RAHN

Name This Spot 63

In the Shipyards 64

Allied Shipbuilders, Bracewell

Marine, Commodore's Boats

COMPILED BY SIMON HILL

AND DAVID R. CONN

Calendar 69

Classifieds 70