



IN THE SHIPYARDS

COMPILED BY ROB MORRIS

Vancouver Shipyards

The haul-out and volunteer maintenance on BC's heritage steam tug, the SS MASTER (photo right), at Seaspans Vancouver Shipyards (North Vancouver) represented part of Seaspans \$50,000 donation to the SS MASTER Society. The MASTER was built in 1922 by Arthur Moscrop's Beach Ave. Shipyard on False Creek in Vancouver, worked the BC coast for 37 years and still runs on its 1916 Scottish-built triple expansion steam engine with a Scotch boiler manufactured by Vulcan Iron Works on Granville Island, Vancouver. The engine turns the eight-foot prop at 100 rpm. For an outline of the MASTER's history and description of the Society's current activities, including the SS MASTER Centenary Project, see *SS MASTER: Working for BC Tugboat Heritage* in *WM's* August '14 issue. Work carried out by the shipyard over the tug's week-long haul-out was focused on under-the-waterline maintenance – bottom painting, renew the zincs, and inspections to record tail-shaft and rudder-stock bearing clearances to help the society plan for future bearing maintenance. But the shipyard also extended its service to include renewal of the green topside coatings and the white boot-stripe.

"Seaspans wanted the MASTER to look good when she left the shipyard," said David Bradford, president of the SS MASTER Society. "Among the management and workers at the shipyard, there was obvious pride at having the MASTER there. The Society is immensely grateful to Seaspans for providing this critical service and it's so encouraging to see their ready support, and that of other major companies which are recognizing the importance of MASTER's heritage." Bradford added that the bottom and topside paints, a large expense, are donated by International Paint.

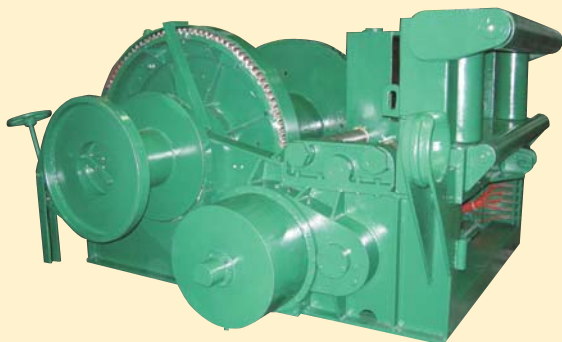
"We are pleased to help maintain a storied vessel that has such deep-rooted ties to the waters and rich history of BC's

PHOTO COURTESY SEASPAN SHIPYARDS



marine industry," said Tony Matergio, VP and GM of Vancouver Shipyards. "Our commitment to the SS MASTER Society demonstrates Seaspans' latest investment in helping strengthen our maritime history and culture."

Society members serviced the sea valves and shipwright Dave Sharp inspected the hull and did some spot-caulking. It was quite a sight to see the big, classic tug, now just over a half-dozen years from its centenary, being moved around on Vancouver Shipyards' new state-of-the-art vessel-moving equipment. The tug was syncro-lifted out of the water on one of the newly-fabricated docking cradles (photo above; fabricated by Vancouver Shipyards), which are transported around the shipyard on the yard's Self Propelled Mobile Transporters



BURRARD HEAVY DUTY DECK MACHINERY

TOWING WINCHES ANCHOR WINDLASSES
MOORING CAPSTANS CARGO WINCHES
HYDRAULIC OR ELECTRIC DRIVES

BURRARD IRON WORKS LIMITED

220 Alexander Street, Vancouver, B.C. V6A 1C1
Phone: (604) 684-2491 Fax: (604) 684-0458
E-Mail: sales@burrardironworks.com

IN THE SHIPYARDS

PHOTO BY DAVID BRADFORD



(SPMTs; photo above; manufactured by Scheuerle Fahrzeugfabrik GmbH, Germany).

Key to the success of the haul-out was Robert Allan Ltd.'s donation of a light-ship survey and engineering to develop a new docking plan for the MASTER to be lifted on the docking cradle. Also Seaspans dock master, Mike Horton, took extraordinary care with the blocking support of MASTER in the cradle (including using two divers) and project manager Tom Smith saw to the docking and maintenance proceeding as planned. Later this fall, Seaspans two-year \$185 million Shipyard Modernization Project is slated for completion. See also *North Shore Landmark Erected in Mariner's News* (WM, May 2014) and *Seaspan Shipyards Modernization Update* (WM, January '14).

PHOTO COURTESY ALLIED SHIPBUILDERS



Allied Shipbuilders

Completed in September '14 was the extensive upgrading of Lafarge Canada's JOSE NARVAEZ (photo above; launched 1969 by Benson Bros Shipbuilding (1960) Ltd, Vancouver), includ-

ARROW MARINE SERVICES

**NOW IN SERVICE:
330 TON TRAVELIFT**

*We can now accommodate Vessels
up to 32 ft wide, 130 ft long.*



Full Service Repair Shipyard

CSI Inspections • Sandblasting & Paint Services
Custom Steel & Aluminum Fabricating
Bulbous bow installations

www.arrowmarineservices.com

11580 Mitchell Road, Richmond, B.C.
Tel: 604-323-7402 or info@arrowmarineservices.com



**FRASER SHIPYARD
& INDUSTRIAL CENTRE LTD.**
at Shelter Island Marina



200 Ton lifting Capacity
Ship Repair-New Construction & Fabrication
Float work and on-site repairs
CWB Certified Welders
CSI
Reasonable Hourly Rates

New 200 Ton Boat Lift!

#165 6831 Graybar Road, Richmond, BC V6W 1H3
Telephone 604-244-0990 • Fax: 604-244-0998 • frasership@telus.net

HI-LINE

ALUMINUM WELDING LTD.

- Supplier of Aluminum Pipe & Tube Fittings
- Custom Fabrication
- Walkways • Tanks • Extrusions

Tel: (604) 274-0222 Fax: (604) 274-8774

11831 Machrina Way, Richmond, BC V7A 4V3