

THE SEASPAN SHIPYARDS REPORT

President's Message

Under the National Shipbuilding Strategy (NSS), Seaspan's Vancouver Shipyards is busy working on four concurrent shipbuilding programs for the Canadian Coast Guard and Royal Canadian Navy. Of the programs underway, one is at the construction phase – Offshore Fisheries Science Vessel; two are at the design and planning phases – Offshore Oceanographic Science Vessel and Joint Support Ship; and one is in the conceptual design phase – Polar Icebreaker.

This is an ambitious program of work and it would be an understatement to say we are managing a number of moving parts as we progress this important national program. What is essential to the program's long-term success is the people working with us at Seaspan and the next generation of shipbuilders we are creating day in, day out as we build a centre of excellence on Canada's west coast.

In this May edition of our newsletter, I want to introduce you to some of the people that are part of our early journey. They are examples of our commitment

to encourage Canadians from all walks of life to contribute their energy, experience, innovation and passion to the work we are doing in support of Canada's maritime future.

Sincerely,



Brian Carter
President, Seaspan Shipyards

Please let us know if you have any questions or comments on our work, or on the contents of this newsletter by e-mailing **Tim Page**, Vice President – Government Relations, Seaspan Shipyards directly at: tpage@seaspan.com.

Seaspan: Growing the Next Generation of Canadian Shipbuilders

Welding Supervisor **Surjit Parmar**, 67, has worked at Vancouver Shipyards for more than 40 years and when we asked him why he was still working, he said: "I want to be a part of Seaspan building ships for Canada. I have waited a long time. And, I want to pass along to the next generation what I have learned. I will retire when I have done that." Surjit retired March 31, 2017.

Blake Crome, apprentice welder, is one of those next generation tradesmen Surjit was thinking of. Unlike work in some sectors, like the oil and gas industry in more remote parts of B.C. and Alberta, Vancouver Shipyards presents a chance for workers to ply their trade and be home with their families. Blake understands that appeal. "I knew it was going to give me the opportunity to stay local with my work," he says. "It's a good wage and it's nice to go home every day."



Seaspan Invests in Shipbuilding Innovation

Seaspan's involvement in the National Shipbuilding Strategy has recently resulted in North Vancouver's Novarc Technologies securing a \$1 million investment, led by Seaspan ULC with participation from BDC Capital. Novarc are builders of advanced, collaborative robotic systems that allow pipe welding to be done more effectively using advanced control techniques.

"This is a very exciting time for Novarc Technologies," said **Soroush Karimzadeh**, Chief Executive Officer of Novarc. "Seaspan's support of our pipe welding technology, used as a key solution in the shipbuilding industry, reinforces their drive to innovate in shipbuilding services and their leadership in the marine transportation industry. Our collaborative robotic system is a game changer in that our robots work with humans to make the best welds, increasing throughput and decreasing costs, while improving quality by reducing the human variability in the welding process," added Novarc's CEO.

"Innovation and technology are critical components of Seaspan's vision of developing and growing a shipbuilding centre of excellence on the West Coast of Canada," said **Jonathan Whitworth**. "We are thrilled to partner with Novarc Technologies, invest in the future of the marine transportation industry and take another step closer to creating a brighter future for thousands of British Columbians and their families."

Seaspan: Building a World Class Domestic Supply Chain

The National Shipbuilding Strategy is about building ships for the Canadian Coast Guard and Navy. It is also, by design, about building and nurturing a marine industry supply chain in Canada.

One example of many early successes in this respect is Genoa Design International Ltd. from Mount Pearl, NL. **Leonard Pecore**, its Founder & Chair of the Board, told us recently that, "Genoa has grown 300% since beginning work on the NSS program. The company has matured in many respects, in addition to capacity and core capability. We have created an in-house academy for technical and career development, conducted quality improvement programs both in partnership with Seaspan and of our own initiative, and with Seaspan's help provided much-needed shipyard exposure and experience for Canadian ship designers.

We believe we are now playing a small, but important role in the growth of the shipbuilding industry in Canada. We are proud to be a participant in the NSS program and look forward to continued challenge and development."

Key Milestone Achieved for Offshore Fisheries Science Vessel #1

On March 29, Seaspan's Vancouver Shipyards (VSY) officially inserted the propeller shaft cartridge into the first Offshore Fisheries Science Vessel (OFSV) being built under the National Shipbuilding Strategy (NSS). The shafting activities are critical leading up to launch the vessel and inserting the shaft into the ship is an important step forward in this series of activities.

To view Seaspan's progress click [here](#).



Seaspan to Participate at CANSEC 2017 for Supplier Development

Visit Seaspan Shipyards at Booth #1231 at the 2017 CANSEC trade show being held at the EY Centre in Ottawa, May 31-June 1. The event is an important opportunity each year for us to meet with existing, and be introduced to potential new suppliers to the National Shipbuilding Strategy.

Through Seaspan's involvement in the program in 2016 alone, we executed \$184 million in new supplier contracts, 93% of which were awarded to 142 Canadian businesses, and 87% of which went to small and medium sized enterprises across the country. These numbers will increase significantly as Seaspan goes to market to procure goods, services and equipment for its next build programs - the construction of the Coast Guard's Offshore Oceanographic Science Vessel and the Canadian Navy's Joint Support Ships. Both programs are currently at the design and program planning phases.