Provide the Highest Quality Integrated Shaftline System in the World

Thordon Bearings Inc., Dominis Engineering Ltd. and Patriot Forge Co., three world-class, family-owned and operated manufacturing businesses in Ontario have joined forces as a consortium to provide fully integrated and complete shaft line systems. The consortium is focused on supplying Naval and Coast Guard vessels with its finished product, “the Canadian Integrated Shaftline System” (CISS). The CISS includes all of the necessary components needed for both large and small navy and coast guard vessels’ main shaft lines using an entirely made-in-Canada solution, including the propeller itself (Dominis Engineering Ltd.), the propeller shaft line and couplings (Patriot Forge Co.), and the shaft bearings, coatings and bulkhead seals that provide efficient and sustainable operations of the shaftline (Thordon Bearings Inc.).

Create Sustainable Jobs

At a time when domestic jobs and the resiliency of global supply chain solutions are being tested in extraordinary ways, the consortium provides an opportunity to generate and showcase a “sovereign” industrial capability that, if leveraged as part of the National Shipbuilding Strategy, would sustain hundreds of highly-skilled Canadian manufacturing jobs and create many more new full-time positions right here in Canada. The NSS committed in 2010 to “developing and maintaining expertise and creating sustainable employment across the country.” The NSS projects represent thousands of domestic jobs across the country, particularly through the manufacturing supply chain.

Rebuild Canada’s Marine Industry with a Domestically Produced Solution

This consortium is in alignment with the principal tenets of the Government of Canada’s Shipbuilding Strategy, to “rebuild our marine industry and create sustainable jobs in Canada while ensuring our sovereignty and protecting our interests at home and abroad.” Currently, while parts of the shaft lines on Canadian Coast Guard and Navy vessels have been supplied domestically, never before has a complete, made-in-Canada shaft line system been made available.