



Administration de pilotage des Laurentides
Laurentian Pilotage Authority



KONGSBERG

Press Release

Laurentian Pilotage Authority Selects Kongsberg Digital Simulators for Maritime Pilotage Safety and Efficiency Research and Assessments

- *K-Sim Navigation will support the LPA in providing safer and more efficient maritime pilotage services on the Saint Lawrence and Saguenay Rivers*



A user at the helm of the simulator

Asker, Norway and Montreal, Quebec, June 1st, 2018 – The Montreal-based Federal Crown Corporation, Laurentian Pilotage Authority (LPA) has contracted with Kongsberg Digital for the supply of three state-of-the-art K-Sim Navigation full mission ship bridge simulators, which will help LPA meet its public mandate through the development of best practices, risk assessments and in-depth incident reviews in support of maritime pilotage.



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The K-Sim Navigation platform can simultaneously integrate multiple bridges to create a near real-life maritime operational environment wherein LPA personnel can evaluate maneuvering techniques, communications protocols and assess tug escort operations with a view toward best practices. The system is designed to accommodate a wide array of ship models, databases and sailing areas with full environmental control, including weather, current and ice conditions to ensure the very highest fidelity simulation available.

LPA has also invested in development tools exclusive to K-Sim, enabling them to create their own ship models and area databases, berthing areas and waterways. A key focus area for LPA will be conducting research into safety in the context of maritime pilotage with a view to best practices and accident prevention, making model and database development important capabilities.

K-Sim Navigation will also be deployed for marine accident reviews. The LPA will be able to re-create accidents in a safe environment in an effort to learn the cause and to prevent future incidents by developing and recommending mitigating procedures. The database and hydrodynamic development workstations will allow the LPA to develop any models and environments specifically for this purpose.

Following system installation and acceptance testing, LPA will plan an official opening of its maritime pilotage simulation facility in Montreal, scheduled for the fall of 2018. Details for the grand opening shall be forthcoming.

"Having direct access to our own high quality simulators will help us meet our safety mandate and increase operational efficiency of pilotage services in our region," said Fulvio Fracassi, CEO of the LPA. Capt. Alain Richard, Executive Director – Marine Safety and Efficiency, LPA notes that *"K-Sim Navigation will provide us with significant new research and development capabilities that will help implement modern best practices for our pilots allowing us to ensure navigational safety and efficiency throughout the St. Lawrence and Saguenay areas."*

"Safety of navigation and quality of services are key strategic priorities of the LPA that can be augmented through the use of K-Sim Navigation simulators," said Lars Klemmetsby, Vice President Sales, Maritime Simulation, Kongsberg Digital. *"By choosing K-Sim Navigation, LPA has shown zero compromise in selecting the best hardware and software to support its objectives and we are looking forward to working closely with them under the Long Term Simulator Support Program (LTSSP) to ensure optimal use and availability of their new simulators."*

About

The Laurentian Pilotage Authority (LPA) is a financially self-sufficient federal Crown corporation responsible for administering and providing maritime pilotage services on the St. Lawrence and Saguenay rivers. The LPA's mission is to ensure navigation safety by providing efficient maritime pilotage services at a reasonable cost in cooperation with pilots, their corporations, and the shipping industry. Follow us on Twitter: @LPA_APL.

www.pilotagestlaurent.gc.ca



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Kongsberg Digital is a provider of next-generation software and digital solutions to customers within maritime, oil and gas, and renewables and utilities. The company consists of more than 500 software experts with leading competence within the internet of things, smart data, artificial intelligence, maritime simulation, automation and autonomous operations. Kongsberg Digital is the group-wide center of digital expertise for KONGSBERG.

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