



Administration  
de pilotage  
des Laurentides

Laurentian  
Pilotage  
Authority

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[www.pilotageslaurent.gc.ca](http://www.pilotageslaurent.gc.ca)

t. 514 283-6320

**Effective date:** October 21, 2024

**Subject:** Maneuverability of Ships – Permanent Reduction or Limitation of Main Engine Power

**Scope:** These guidelines apply, at any time, to vessels subject to pilotage within the compulsory pilotage area of the St. Lawrence River including the Saguenay River. (Refer to General Pilotage Regulations, Part 2, Section 2 for further details.)

**Required Action:** Shipowners and operators must inform the Laurentian Pilotage Authority (LPA) via email at [repmtl@apl.gc.ca](mailto:repmtl@apl.gc.ca) or via phone at (514) 496-2156 of the following:

1. If an Engine Power Limiting System is in place, such as EPL or SHaPoli.
2. Confirmation that the EPL or SHaPoli system will be deactivated in the St-Lawrence River, including the Saguenay River compulsory pilotage area. The vessel must be operating with 100% of its engine power available.

**Rationale:**

The Laurentian Pilotage Authority (LPA) has received reports of power limiters installed on ships' main engines to reduce greenhouse gas emissions. To comply with the Energy Efficiency Design Index (EEXI) and Carbon Intensity Indicator (CII) regulations, vessels have implemented systems that limit engine revolutions or engine power (such as SHaPoli or EPL). These systems can be either automated programs and software that regulate engine power or mechanical or electronic governors.



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These mechanical or software systems, designed to limit engine power or shaft revolutions, may reduce a vessel's ability to maneuver, potentially leading to dangerous situations, particularly in emergencies. This issue is especially critical in compulsory pilotage areas, where full maneuverability of the engines – both forward and reverse – is crucial for ensuring safe navigation.

For further questions or clarifications on these guidelines, please contact the LPA at:

[Mohamed.beldi@apl.gc.ca](mailto:Mohamed.beldi@apl.gc.ca)

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