The International Maritime Organization (IMO) recognized in 2014 that underwater noise associated with shipping is something that can be mitigated. Options to reduce ship noise underwater already exist!

**Operate below cavitation inception speed and avoid rapid acceleration.**

**Clean hull and maintain propeller.**

**Insulate ship engine and use resilient mountings for onboard machinery. Modify propeller to minimize cavitation.**

**Incorporate vessel quieting considerations during re-fits and new vessel construction.**

**Modify route to avoid whales in immediate vicinity and known sensitive marine areas.**

The Enhancing Cetacean Habitat and Observation (ECHO) Program is a Vancouver Fraser Port Authority-led initiative aimed at better understanding and managing the impact of shipping activities on at-risk whales throughout the southern coast of British Columbia, Canada. For more information and footnote references, please go to portvancouver.com/echo.

In 2014, the IMO recognized that underwater noise associated with shipping is something that can be mitigated. Options to reduce ship noise underwater already exist!