DOSITS Underwater Sound Source Webinar: Commercial Shipping
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Wednesday, September 18, 2019, 12 pm EDT

Presentation outline:
- Overview of the ecological context of underwater noise
- Characteristics of underwater noise caused by vessels
  - Sources of ship noise
  - Propagation of underwater noise in different environments
- Mitigation options: Review of some of the initiatives undertaken by Canada to develop, implement and analyze various measures to reduce underwater noise from vessels. This will include:
  - An overview of Transport Canada’s Marine Research, Development and Deployment program and efforts to advance quiet ship design and technologies
  - Review of operational measures trialed and implemented on the west coast of Canada targeting both large commercial vessels and smaller vessels throughout the Salish Sea, and
  - An overview of international efforts to advance work on underwater noise

Additional Information on the DOSITS website:
- Animals and Sound > Potential Effects > Anthropogenic Sound Sources > Commercial Vessel Traffic
  https://dosits.org/animals/effects-of-sound/anthropogenic-sources/commercial-vessel-traffic/

- Animals and Sound > Potential Effects > Moderate or eliminate the effects of human activities > Ship Quieting Technologies

- Hot Topic > Killer Whales and Vessel Noise

- Audio Gallery > Anthropogenic Sounds > Ship
  https://dosits.org/galleries/audio-gallery/anthropogenic-sounds/ship/

- Science of Sound > Sound in the Sea > How does shipping affect ocean sound levels?

- Science of Sound > Advanced Topics > Ocean Noise Variability and Noise Budgets