### **Underwater noise from ships: impacts**





https://www.oceancare.org/wp-content/uploads/2022/05/Underwater-Noise-Pollution\_Impact-on-fish-and-invertebrates\_Report\_OceanCare\_EN\_36p\_2018.pdf

## **Underwater noise from ships: solutions**



#### MEASURES THAT CAN BE VALUABLE TO REDUCE NOISE LEVELS

# THE IMO AND ITS MEMBER STATES SHOULD:



- Regulate noise emissions from international shipping:
  - Require ships to prepare noise management plans
  - Set explicit targets for underwater ship noise reduction

# SHIPOWNERS AND OPERATORS SHOULD:



- Develop and implement ship-based noise management plans that aim to reduce ship noise levels
- Recognise the importance of Indigenous Knowledge on noise impacts on marine wildlife and develop voyage plans and operations to minimise impacts
- Slow down, especially in and near important marine habitats
- Design and develop quieter ships

# ADMINISTRATIONS AND OTHER STAKEHOLDERS SHOULD:



- Provide financial incentives for ship quieting measures
- Support research and monitoring of impacts and solutions
- Provide educational tools, e.g. information on important wildlife areas and migration routes



Clean Arctic Alliance members: Alaska Wilderness League | The Altai Project | Bellona | Clean Air Task Force | Global Choices | Green Transition Denmark | ECODES | Environmental Investigation Agency | Friends of the Earth US | Greenpeace | Icelandic Nature Conservation Association | International Cryosphere Climate Initiative | Nature And Biodiversity Conservation Union | Ocean Conservancy | Pacific Environment | Seas At Risk | Stand.earth | Surfrider Foundation Europe | Transport & Environment | WWF