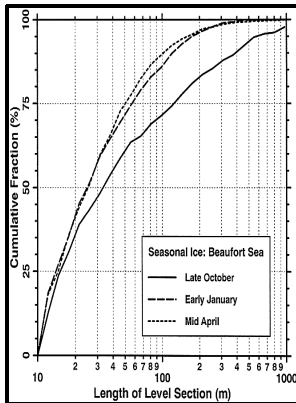


Study on the acoustic target strength of the PLFs found in the Beaufort Sea

Dept. of Fisheries and Oceans, Institute of Ocean Sciences - Acoustic scattering layers reveal a faunal connection across the Fram Strait

Description: -



- Venus (Planet) -- Remote-sensing maps
Space vehicles
Education, Preschool.
Learning.
Echo sounding.
Pingos -- Beaufort Sea.
Ocean bottom -- Beaufort Sea. Study on the acoustic target strength of the PLFs found in the Beaufort Sea
- Biblioteca pedagógica (Mexico City, Mexico)
Biblioteca pedagógica
Contractor report series (Institute of Ocean Sciences, Patricia Bay) -- no. 80-7.
Contractor report series -- 80-7. Study on the acoustic target strength of the PLFs found in the Beaufort Sea
Notes: Bibliography: p. 47-49.
This edition was published in 1980



Filesize: 37.21 MB

Tags: #Target #strengths #and #echotraces #of #whales #and #seals #in #the #Canadian #Beaufort #Sea, #ICES #Journal #of #Marine #Science

Thesis_TB_Jan2016

The majority of hooded seals are caught in Greenland.

Marginal Ice Zone (MIZ) Program

Leblanc offered field assistance and data processing of Beaufort beluga data. Dedicated sonar surveys were conducted in September 2011 in the Beaufort Sea Figure. Marine Technology Society Journal, Vol.

Water mass and bathymetric characteristics of polar cod habitat along the continental shelf and slope of the Beaufort and Chukchi seas

Ice cover modulates penetration of solar radiation and isolates the upper ocean from direct wind forcing, but increasing open water within the MIZ, and the proximity of large expanses of open water immediately to the south, permits more direct connection with the atmosphere. Permafrost thawing and slope stability. Because of relatively high noise levels NLs of snapping shrimp *Synalpheus paraneomeris*, only higher amplitude components of the echoes were readily distinguishable.

Sound Scattering from Sea Ice: Aspects Relevant to Ice

For level ice, the difference between the 95th and 5th percentiles of scattering coefficient approaches 20 dB.

Study on acoustic target strength characteristics of underwater composite rudder

Echotraces of a bowhead whale and its wake detected at a range of 175 m, the angle of incidence α at which the whale was detected is indicated by two dashed lines; b two bowhead whales and their wakes detected in the surface acoustic duct at a range of 1500 m; c a ringed seal

detected at a range of 150 m; and d a bearded seal detected at a range of 150 m. In view of the limited dynamic range of the receiver 48 dB , selection of an appropriate operating gain for the WASP in this application was critical. To acquire observations of bubble clouds in relation to sea state, the WASP was later deployed within a few kilometers of a wave-measuring buoy in Georgia Strait on the Pacific coast of Canada.

Acoustic scattering layers reveal a faunal connection across the Fram Strait

Engineering Analysis with Boundary Elements, Vol. Acknowledgments We are grateful to the long-term collaborative efforts of the communities of Point Lay, AK and the Inuvialuit Settlement Region, NWT who have facilitated our tagging efforts. In the Beaufort Sea, the thermal advantages of warm, coastal water appear to be correlated with patterns of distribution of small polar cod.

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