

Saltwater Sketches

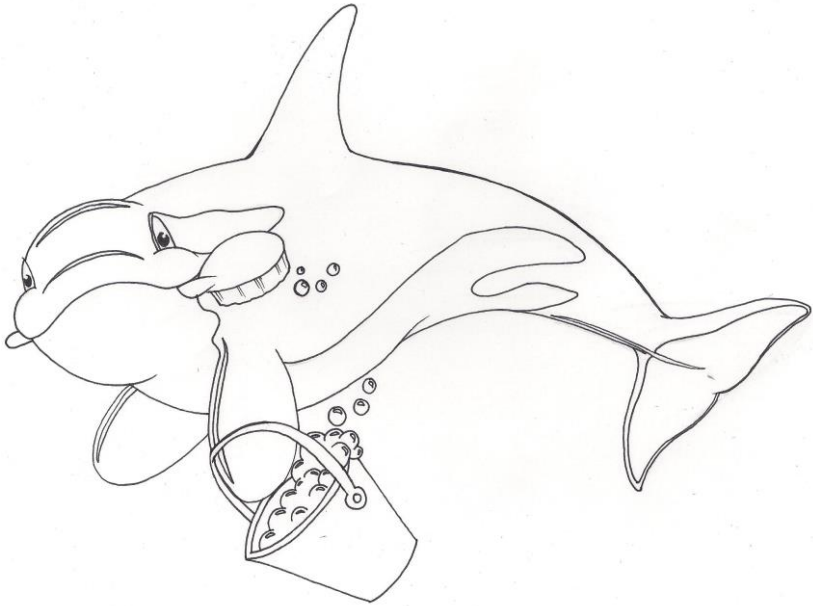


University
of Victoria



**Tweet your colouring and cartoons
with #SaltwaterSketches for your
chance to win prizes!**

All cartoons are representative of scientific research undertaken by the NEMES research projects based at the University of Victoria and sponsored by MEOPAR



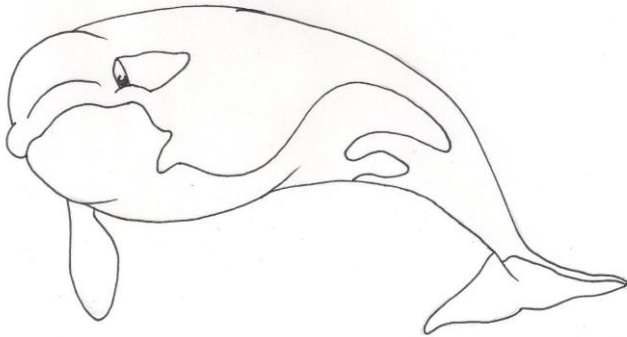
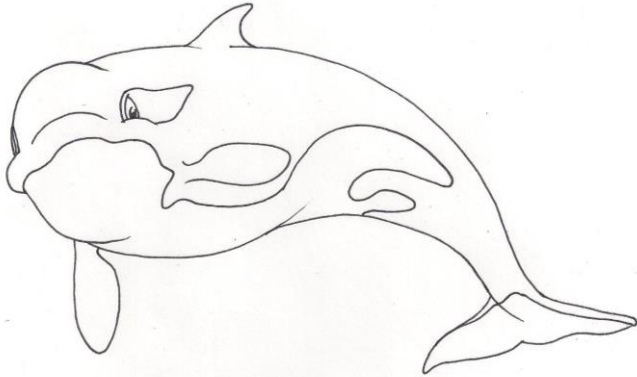
“Scrub that Boat”

Maintaining a clean hull and propeller is a great way to ensure your boat is producing a minimal amount of noise!

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Spot the Difference

Can you find 5 difference between these two pictures?



“Sonically Sensitive”

Noise can affect a whale’s ability to transmit and receive acoustic sound.

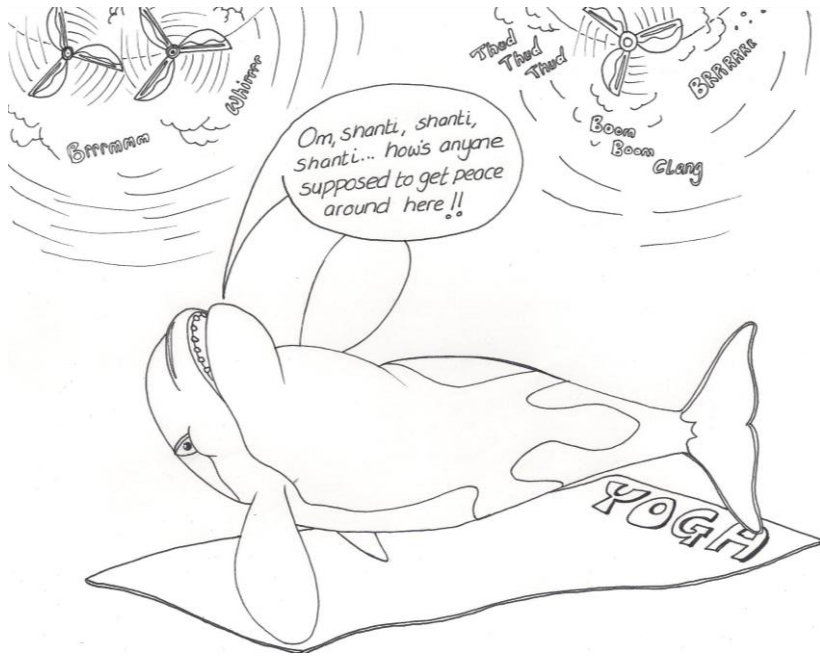
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"Hearing with Hydrophones"

Researchers are using hydrophones (underwater microphones) to listen to vessels and whales.

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"Stressful Times"

Scientists are worried that increasing noise levels will stress whales that are living in areas with lots of vessel traffic.

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“Draw your own marine scene!”
Sketch out your own marine noise cartoon, take a picture and send it to us.
You could win a prize!!

Sketching Space



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My finished marine masterpiece...

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Word Search

Can you find all the words related to marine noise in the grid below?

H K E I L S E M C I N K N Q B
J Y G B I C M K G Z I C O H R
O A Y X N T F E W L V S I Z Z
J A T E X E D D L X Y E T M G
K E I Z E J J E I S O M U S B
H C X M R N R B P D G E L H V
S D A T A W O A D M H N L C V
J V Z X H B M H M G P R O L Y
A G R A U H H J P O K X P S Y
M V L N O I T A C O L O H C E
D E M A R I N E Z G R I U W N
S N O A R X O Q G G P D M X L
W J U P P X I K F S U H Y T B
X J F O A M S H S T A O B H I
H Q A W S R E S W F U Q E G A

Boats

Echolocation

Killer Whales

Marine

NEMES

Pollution

Ships

Data

Hydrophone

Maps

MEOPAR

Noise

Science

Sound

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“Navigation Nightmare!”

If whales lose their ability to transmit and receive acoustic information they are less able to successfully navigate their dark, underwater surroundings.

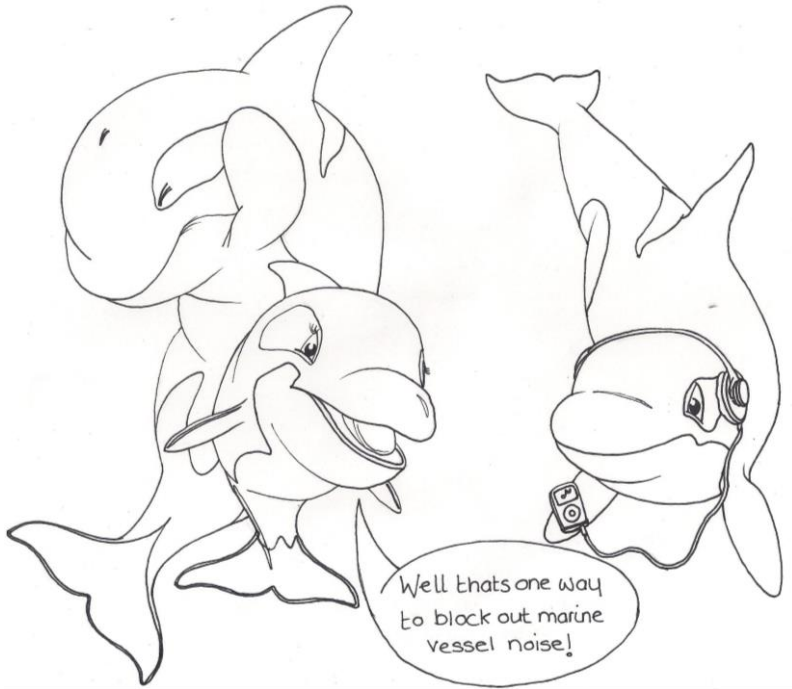
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“Food Glorious Food”

Studies have found increased background noise can affect a whale’s ability to echolocate and detect their prey.

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“Noisy Vessels”

NEMES Scientists are mapping marine vessels to try and identify really noisy areas within the Salish Sea and help protect the Southern Resident Killer Whales that live there.

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