



ECHO Program update on seasonal initiatives



Good afternoon,

As we begin the fourth month of our 2022 season of voluntary underwater noise reduction measures, we are pleased to see continued strong participation rates — as high as 99%! — in our voluntary initiatives to support the recovery of southern resident killer whales.

We thank all large commercial ship operators and tug operators who continue to voluntarily slow down or stay distanced in key areas of southern resident killer whale critical habitat in Haro Strait, Boundary Pass, Swiftsure Bank, and the Strait of Juan de Fuca. Your continued support and participation in these efforts to reduce the impacts of shipping on at-risk whales is greatly appreciated, as whales continue to be sighted throughout the ECHO Program's slowdown and lateral displacement areas. Thankfully, at this time, no whales have been sighted near the site of the

sunken fishing boat, which spilled fuel near San Juan Island on August 13, 2022.

Participation rates in our voluntary initiatives are outlined below. Each table lists the percentage of participating ship transits, as well as the number of participating ship transits out of all ship transits, in parentheses.

Swiftsure Bank inbound and outbound slowdown trial

Inbound participation rates <i>(Within 1-knot of speed-through-water target speed)</i>			
Ship type	Week 11: August 6 - August 12	Week 12: August 13 - August 19	Cumulative (June 1 - August 19)
Inbound Bulk Carrier	84% (21 of 25)	82% (28 of 34)	76%
Inbound Car Carrier	83% (5 of 6)	86% (6 of 7)	85%
Inbound Container	93% (25 of 27)	89% (17 of 19)	86%
Inbound Passenger	93% (14 of 15)	88% (14 of 16)	81%
Inbound Tanker	85% (11 of 13)	82% (9 of 11)	84%
Inbound Other	88% (14 of 16)	63% (10 of 16)	76%
TOTAL			81% (953 of 1177)

Outbound participation rates <i>(Within 1-knot of speed-through-water target speed)</i>			
Ship type	Week 11: August 6 - August 12	Week 12: August 13 - August 19	Cumulative (June 1 - August 19)
Outbound Bulk Carrier	75% (24 of 32)	79% (22 of 28)	82%
Outbound Car Carrier	38% (3 of 8)	50% (3 of 6)	63%
Outbound Container	96% (23 of 24)	88% (21 of 24)	86%
Outbound Passenger	79% (11 of 14)	67% (10 of 15)	73%
Outbound Tanker	92% (11 of 12)	75% (6 of 8)	76%
Outbound Other	67% (8 of 12)	71% (12 of 17)	75%
TOTAL			79% (914 of 1160)

Combined (inbound and outbound) participation rates <i>(Within 1-knot of speed-through-water target speed)</i>			
Ship type	Week 11: August 6 - August 12	Week 12: August 13 - August 19	Cumulative (June 1 - August 19)
Combined Bulk Carrier	79% (45 of 57)	81% (50 of 62)	79%
Combined Car Carrier	57% (8 of 14)	69% (9 of 13)	74%
Combined Container	94% (48 of 51)	88% (38 of 43)	86%
Combined Passenger	86% (25 of 29)	77% (24 of 31)	77%
Combined Tanker	88% (22 of 25)	79% (15 of 19)	80%
Combined Other	79% (22 of 28)	67% (22 of 33)	76%
TOTAL			80% (1867 of 2337)

Large commercial vessel operators have maintained strong participation rates in the inbound and outbound slowdown at Swiftsure Bank, with a cumulative participation rate of **80%**. Thank you to all participating ship operators and partners for your continued efforts to reduce underwater noise in this key foraging area for the southern resident killer whales.

Haro Strait and Boundary Pass slowdown

Pilot-reported participation by ship type			
Ship type	Week 11: August 6 - August 12	Week 12: August 13 - August 19	Cumulative (June 1 - August 19)
Bulk Carrier	91% (49 of 54)	91% (50 of 55)	93%
Car Carrier	88% (7 of 8)	100% (5 of 5)	92%
Container	100% (18 of 18)	96% (23 of 24)	96%
Passenger	100% (3 of 3)	100% (3 of 3)	88%
Tanker	100% (6 of 6)	91% (10 of 11)	94%
Other	no transits	100% (1 of 1)	84%
TOTAL			94% (1030 of 1099)

The cumulative participation rate in the Haro Strait and Boundary Pass slowdown has remained strong at **94%**. We thank all participating ship operators and the BC Coast Pilots for their efforts to maintain this impressively high participation rate over the last twelve weeks.

Lateral displacement in the Strait of Juan de Fuca

The cumulative participation rate in the Strait of Juan de Fuca lateral displacement has increased by one per cent — to **99%** — since our last report on participation. Thank you to all tug operators who have helped achieve these record-breaking participation rates this year!

Whale sighting highlight



On Sunday, August 21, five Bigg's killer whales, identified as members of the T124A2s and T124A4s, travelled in the outbound shipping lane towards Boiling Reef, where they spent part of the day hunting for seals.

Photo: Lauren Laturmus

Stay up to date on the ECHO Program

Throughout the season, we will continue to share bi-weekly newsletter updates on participation rates in the ECHO Program's voluntary initiatives, and other relevant news. If you were forwarded this email and would like to subscribe, click [here](#).

If you have any questions about the ECHO Program and its 2022 voluntary initiatives, please email us at echo@portvancouver.com.

Best regards,

The ECHO Program

This message is issued by the Vancouver Fraser Port Authority to keep subscribers up-to-date on events and activities. To stop receiving these emails click "Unsubscribe" below at anytime. Please contact us if you have any questions or concerns.

[Edit your subscription](#) | [Unsubscribe](#)

VANCOUVER FRASER
PORT AUTHORITY
100 The Pointe
999 Canada Place
Vancouver, B.C. V6C 3T4
Telephone: 604.665.9000