



TRANSMOUNTAIN

Marine Progress Report

Third Edition

Spring 2022

Prepared by Trans Mountain in relation to the Expansion Project this semi-annual report provides progress updates on marine activities and key Marine Commitments and Conditions.

Trans Mountain is committed to providing updates on marine spill response enhancements, commitments, conditions, and Indigenous participation. This information is based on data received up to March 31, 2022 and may be subject to revisions and corrections.

As described in Trans Mountain's Condition 91: Plan for Marine Spill Prevention and Response Commitments (filed January 2020), Western Canada Marine Response Corporation (WCMRC) will deliver an enhanced response regime to meet requirements of the Canada Energy Regulator (CER) Condition 133. WCMRC is on track to implement these enhancements that will double WCMRC's existing response capacity and significantly reduce response time. For more information on WCMRC's programs, email info@wcmrc.ca.

NEW WCMRC South Coast Response Bases

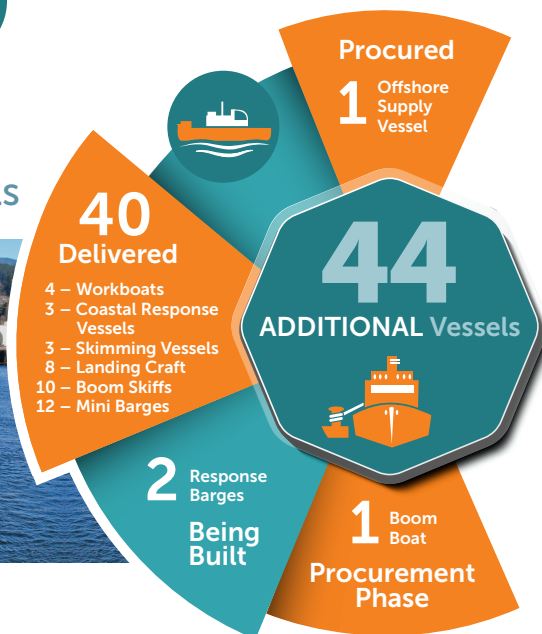


Sidney response base

NEW Vessels



WCMRC vessels in front of the Port Alberni response base



Western Canada Marine Response Corporation



Key Regulatory Milestones

Conditions set out by the CER and the BC EAO:

NO.	NAME	DUE DATE	STATUS
6	Compliance with Commitments	Updates filed monthly	In progress
91	Plan for Marine Spill Prevention and Response Commitments	Condition Filed	Complete
132	Marine Mammal Protection Program	3 months prior to in-service	In progress
133	Confirmation of marine spill prevention and response commitments	3 months prior to in-service	In progress
134	Updated Vessel Acceptance Standard and WMTROG	3 months prior to in-service and annually for 5 years	In progress
144	Ongoing confirmation of marine spill prevention and response commitments	January after first year in-service and then annually	In progress
BC EAO 11	Indigenous Marine Outreach Program	3 months prior to in-service	In progress

FULL-TIME Employment Opportunities

WCMRC

New Full-Time Positions **137**

Hired **125**

Remaining to Hire **12**

Of 91 Marine Commitments*, 17 are for TERMPOL:

91 Commitments

20 In progress

46 Completed

25 Superseded (condition or plan)

9 of 17 Completed for TERMPOL

Trans Mountain is also hiring at Westridge Marine Terminal (WMT): transmountain.com/careers

*For details, see Condition 6 Commitment Tracking Table filed with the CER (C11818) as of April 10, 2022.



Indigenous Engagement UPDATE

Since the Project was initiated in 2012, Trans Mountain has engaged with Indigenous groups along the shipping corridor in the Salish Sea.

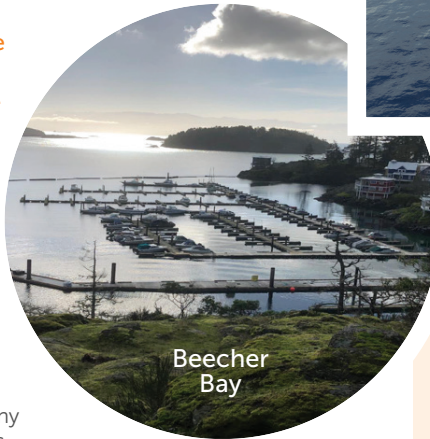
During the second and third quarters of 2021, engagement continued with targeted Indigenous groups on issues and concerns of known interest. Trans Mountain initiated regular engagement with the Government of Canada to understand opportunities for groups to connect with Trans Mountain Expansion Project Accommodation Measures and Ocean Protection Plan (OPP) initiatives. In addition, at the end of 2021 the Indigenous Relations team distributed a Project update to Indigenous communities and feedback was received on the 2021 Indigenous Marine Outreach Plan which will be incorporated into the 2022 version.



Marine Community Engagement UPDATE

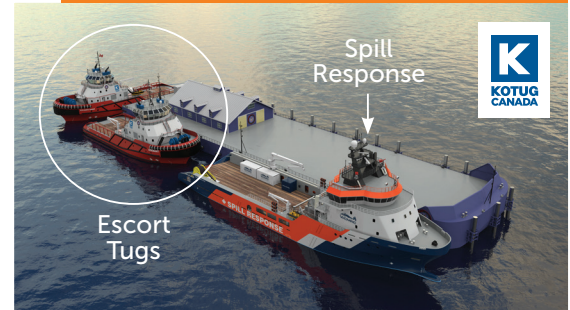
Trans Mountain engages with coastal communities to raise awareness of marine safety measures, build new relationships and share information on Project progress.

In late November 2021, a ceremonial event with the Sc'ianew First Nation, KOTUG Canada and Trans Mountain was held to celebrate award of the TMEP support vessel services to KOTUG Canada. KOTUG Canada will base operations out of Sc'ianew First Nation's Cheanuh Marina to provide escort tug services to TMEP-related tankers, as well as an offshore supply vessel as part of the WCMRC Enhanced Response Regime (ERR). The ceremony and award of services was publicly announced in December and raised public awareness about the new escort tugs and offshore supply vessel for WCMRC. During 2021, significant progress was made on the ERR and Trans Mountain had the opportunity to visit many of the new response bases and vessels. These new escort tugs, vessels and the ERR response bases support Project compliance towards meeting CER Condition 133 parts a and b. In addition, Trans Mountain shared the second edition of the Marine Progress Report and a year-end Project update with marine stakeholders in December. In early fall, Trans Mountain attended the Union of BC Municipalities conference to better understand community interests, to share Project information and respond to questions about marine matters associated with the Trans Mountain Expansion Project.



Beecher Bay

Trans Mountain and partners CELEBRATE a HUGE ACHIEVEMENT



A commemorative ceremony was held in Beecher Bay, BC with representatives of Sc'ianew First Nation, Trans Mountain, WCMRC and KOTUG Canada.

Following a rigorous competition, the long-term contract awarded by Trans Mountain to KOTUG Canada will provide tankers loaded at Westridge Marine Terminal with high-performance tug escorts along with an offshore supply vessel to strengthen WCMRC's emergency response regime.

Sc'ianew First Nation's Cheanuh Marina in Beecher Bay on Vancouver Island will provide a safe home for the new KOTUG Canada operations base. The marina's strategic location along the Trans Mountain escort route offers KOTUG a dedicated berthing facility, while supporting the commercial activities of the Sc'ianew First Nation.

"We have gone through great lengths, controversy and criticism to protect the ocean. This is just one part of our commitment to our people to do so," said Sc'ianew Chief Russ Chipps. "We want to be the centre for research, development and ocean protection, all while being the ambulance of the sea."

KOTUG Canada will operate closely with Sc'ianew First Nation. Opportunities for related training and development will also be available to Indigenous communities to gain experience and knowledge in advanced tug operations and marine response.

"Chief Chipps and his community have shown great leadership in the protection of the marine environment, and this partnership will provide significant employment and commercial opportunities," said Ian Anderson, former President and CEO, Trans Mountain Corporation. "I could not be happier for the Sc'ianew people."

The new KOTUG fleet boasts two 50-metre dedicated escort tugs, and under a separate agreement with WCMRC, one dedicated offshore supply vessel equipped for 24/7 oil spill response and capable of vessel towing.

Early operations are expected to commence from late 2022.



Marine Environment Safety UPDATE

Engagement continued with marine regime stakeholders, shipping industry organizations such as the port authority on the safe, efficient and environmentally responsible shipping.

In the latter half of 2021, Trans Mountain participated in engagement undertaken by the Port of Vancouver (VFPA) on Active Vessel Traffic Management (AVTM) and efforts to bring more efficiency and reliability to the safe management of vessel movements within the Port. This engagement will continue through 2022 while VFPA works with the Canadian Coast Guard and the Pacific Pilotage Authority to bring a solution online for 2023. Trans Mountain contributed comments to the Washington State Department of Ecology risk development on emergency response towing vessels (ERTV) and an analysis of tug escorts. With the tug program underway, planning began on operating protocols for the Strait of Juan de Fuca where currently no tug escort of laden tankers is required. As we prepare for the next year of marine development, Trans Mountain will continue to proactively engage with other members of the marine regime.

Upcoming engagement will be on key topics that include:

- CER Condition 133 a (Enhanced Tug Escort)
- CER Condition 133 b (Enhanced Response Regime)
- CER Condition 132 (Marine Mammal Protection Program)
- Westridge Marine Terminal – Marine Construction Safety Boom
- BC EAO Condition 11 (Support for safe Indigenous traditional marine use and spill response education and awareness)



TRANSMOUNTAIN

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