

MARINE CONSTRUCTION NOTICE



October 7, 2020

Re: Centerm Expansion Project and South Shore Access Project Notice of upcoming installation of temporary marine rig anchors

As part of the Vancouver Fraser Port Authority's ("port authority") Centerm Expansion Project and South Shore Access Project, Centennial Expansion Partners ("CXP") will temporarily install anchors to facilitate marine construction activities immediately West of Centerm Berth 6. Anchors will be installed on or about October 16, 2020 and are anticipated to be in place until November 14, 2020. See Figure 1 for anchor installation locations.

About the temporary marine rig anchor installations

Four anchors will be installed at the following approximate coordinates:

1. X=492574.780, Y=5459840.692
2. X=492533.304, Y=5459740.157
3. X=492803.065, Y=5459777.561
4. X=492716.890, Y=5459655.958

All anchors will be used simultaneously to support the GE6, an approximately 15m wide x 37m long barge-mounted crane derrick, conducting toe protection work associated with the two new caissons recently installed at Centerm as part of the western expansion works. Can buoys, lighted in accordance with Transport Canada requirements from dusk to dawn, will be used to identify the anchor locations.

A NAVWARN with the location coordinates of the anchors has been issued.

Marine traffic impact during construction:

- Refer to Figure 1 (over) showing the location of the Contractor Safe Zone and Buffer Zone. The Contractor will be working in/around the Buffer Zone during the caisson toe protection work but will pull back to the Contractor Safe Zone for Centerm vessel arrivals/departures.
- For reference, the distance between Anchor 1, at its shown (Figure 1) approximate location of X=492574.780, Y=5459840.692, is in close proximity to the SeaBus route. The GE6 rig will be positioned as far from the navigation channel as possible to minimize interference with the SeaBus or any other marine vessel operations in the navigation channel. No wake will be generated from the GE6.
- Similarly, the distance between Anchor 2, at its shown (Figure 1) approximate location at X=492533.304, Y=5459740.157, and the Sea Bus Route is only 28 metres. The GE6 rig will be positioned as far from the navigation channel as possible to minimize interference with the SeaBus or any other marine vessel operations in the navigation channel. No wake will be generated from the GE6.
- CXP's support tug Seaspan "JRW" and survey vessel "Fraser Surveyor" will also be in the area and generate minimal wake. While surveying the vessel travels at approximately 2 -

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3 knots/hr. The wake generated by the tug, aside from other variables such as wind and tides, would be less than 0.3 m assuming the tug is moving at full speed.

- Anchor 3 located at X=492803.065, Y=5459777.561 is 13 metres north of the Buffer Zone adjacent to Centerm Berth 6 as shown on Figure 1.
- A “slow bell” is requested during working hours to ensure crew safety.
- CXP will actively monitor VHF Channel 12 for any vessels bound for Centerm.
- To mitigate potential impacts associated with pilots escorting vessels to/from Centerm Berth 6, CXP and CXP’s Contractors will proactively monitor the ship berthing schedule and PPA website and move vessels and anchors out of the path of arriving and departing vessels.

Work days and hours:

- Anchor installations will be completed in one day, on or about October 16, 2020 during the hours of 7:00 a.m. to 8:00 p.m.
- CXP’s marine works are conducted up to 24 hours per day, 7 days per week.

Thank you

CXP is committed to conducting our marine construction activities in a manner that minimizes, to the greatest extent possible, disruptions to marine vessel operators and service providers, port tenants and local businesses. We apologize for any inconvenience in advance and thank you for your patience and understanding as we undertake construction of this important Project for the port authority.

Contact information:

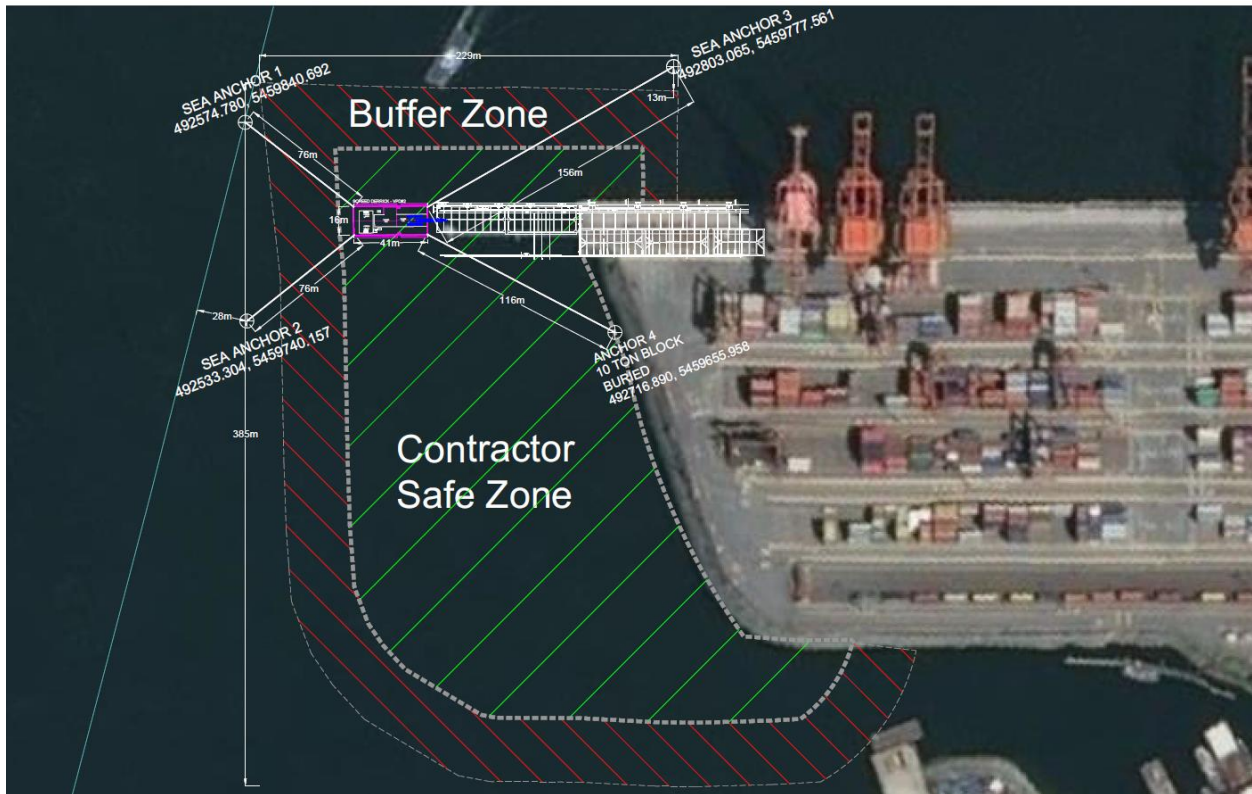
For more information or if you have questions or concerns regarding CXP’s marine work, please contact CXP at 604-910-5785 or zstrand@cxp-jv.com

For more information or enquiries regarding the Centerm Expansion Project and South Shore Access Project, visit www.portvancouver.com/centerm-expansion or contact the port authority at 604-665-9563 or centerm.expansion@portvancouver.com.

Sincerely,

CXP Centerm Expansion Project and South Shore Access Project Team

Figure 1: Location of temporary Anchor installations and Contractor Safe/Buffer Zones



Note: Contractor will be working in and around the Buffer Zone (red area) but will pull back into Safe Zone (green area) during vessel arrivals to, and departures from, Centerm.