

MARINE CONSTRUCTION NOTICE



August 19, 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 in the West expansion area. Anchors will be installed on September 8, 2020 and are anticipated to be in place until September 28, 2020. See Figure 1 for anchor installation locations.

About the temporary marine rig anchor installations

Four temporary anchors will be installed at the following 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 VPD#2, an approximately 16m wide x 41m long marine/anchor rig (barge-mounted crane derrick), conducting foundation work associated with the new caissons to be installed immediately West of Centerm Berth 6 as part of the western expansion of the Centerm terminal. Can buoys, lighted in accordance with Transport Canada requirements from dusk to dawn, will be used to identify the anchor locations.

A NAVWARN update with the anchor location coordinates will be issued in advance of their installation.

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 Leveling Course Placement and Caisson Foundation Screeding work but will pull back to the green area for Centerm vessel arrivals/departures.
- The distance between Anchor 1, located at X=492574.780, Y=5459840.692 is in close proximity to the SeaBus route. The derrick 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 anchor rig.
- 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 - 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.

Centennial Expansion Partners
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- 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 September 8, 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.

Second installation of temporary marine rig anchors:

Please also note that CXP will need to install temporary Anchors a second time in the mid-October timeframe for approximately 2-3 weeks for works associated with the caisson toe protection. A separate notification and diagram showing the location of these anchors will be shared at a later date.

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

