Navigation Protection Program (NPP) 820-800 Burrard Street Vancouver, BC, V6Z 2J8

August 24, 2020

BC Hydro 9 Floor - 1111 W Georgia St Vancouver, BC, V6E 4G2

APPROVAL

APPLICANT: BC Hydro

9th Floor - 1111 Georgia St West

Vancouver, BC, V6E 4G2

WORK: Scour Protection

SITE LOCATION: located at Peace River, at approximately 56°11'30.37"N, - 120°53'49.20"W,

located on unsurveyed foreshore or land covered by water being part of the bed of Peace River, Site C Dam fronting Sec 14, TP 83, Range 19, West of the 6th Meridian Peace River District, City of Fort St. John, in the Province

Our File: 2014-500336

of British Columbia.

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the *Canadian Navigable Waters Act*, for an approval of the work per the attached one (1) plan, the Minister hereby approves the work pursuant to subsection 7(6) for the construction of the above mentioned work, in accordance with the following terms and conditions:

- 1. The CNWA Approval and its Terms and Conditions shall be posted at an easily accessible place at the worksite
- 2. In the event that the operation of the above works is terminated, it will be the proponent's responsibility to remove the works and associated equipment in its entirety including any anchors and pilings.
- 3. Install warning signs at locations approximately 100 meters upstream and downstream of the construction site advising of the work in progress. Signs are to be emplaced prior to and for the duration of construction. The owner is exempt from installing warning signage if the warning signs from other associated works are in place within 500 meters of the site of the bridge construction. Signs shall be a minimum of 72" x 48", a white background with black lettering, with text as outlined below.

WARNING CONSTRUCTION HAZARDS AHEAD

- 4. The proponent may use the Canadian Dam Association Sign Standards with regard to the shape, colour, and size of signs. Locations and wording are to be as per the Terms and Conditions of the permit of the approval.
- 5. Construction machinery left in the water during darkness or limited visibility shall be marked with a flashing yellow light, visible to upstream and downstream traffic.



- 6. Any construction equipment anchored or left in or on the waterway shall be marked with a yellow flashing light placed on the outermost extremity if left overnight.
- 7. The navigation channel span, found between piers 7 and 8, shall be marked on the bridge using day marks on the upstream and downstream sides. An example, including dimensions is below:

GENERAL USE PORT AND STARBOARD MARKS

System: General Use.

Function: Laterally significant port and starboard marks.

Nominal Range: 1 nm.

Additional Data: For three numerals on a 3SG, use 8-inch characters at a height of 14 inches from the base. For three numerals on a 4TR, use 8-inch characters at a height of 12 inches.

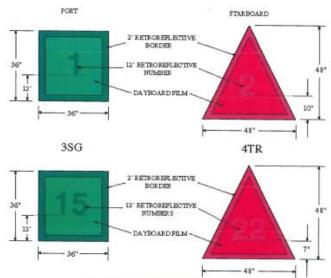


Figure 5-4. General Use port and starboard marks.

- 8. The centre of the navigation channel span, found between piers 7 and 8, shall be marked on the bridge using a fixed white light facing upstream and downstream during times of darkness and limited visibility. The light shall have a minimum nominal range of 1 nautical mile.
- 9. The marked navigation channel, found between piers 7 and 8, shall be inspected monthly to ensure that the channel is not hindered by shoaling or debris.
- 10. The proponent shall move the marked navigation channel if it becomes blocked or unsafe to use. The proponent shall use the Boater Communication Protocol and post notice at the Peace Island Park boat launch of the change at the same time the channel markers are moved.



11. A safe navigation channel shall be maintained during construction. Changes to the location of the channel due to construction will be communicated 5 days in advance using the Boater Communication Protocol and post notice at the Peace Island Park boat launch.

SIGNED on August 24, 2020 at Pacific

Eric Leung NPP Officer Programs Group Transport Canada Pacific Region For the Minister of Transport



