





Public Services and  
Procurement Canada  
Services Publiques et  
Approvisionnement Canada

Pacific Region  
GEOMATIC SERVICES

## Field Sheet

Date of Soundings: 2022-08-16

Vertical Datum:  
Depths are reduced to Low Water Datum (LWD)

Projection: U.T.M. (Zone 10)

Horizontal Datum: NAD83 /  
WG84

Navigation Channel Design  
Developed by Vancouver Fraser Port Authority  
(VFPA) 2011-02-01

Depths:

- 2.8m LWD & Shallows
- 3.0m to 4.3m LWD
- 5.0m LWD & Deeper

Drawing Scale: 1 : 2000

River cells are dividing the Fraser River  
Navigation Channel into 100 metre cells. Other  
side of channel centre line labelled in 100 metre  
increments.

Shore and upland features are from aerial  
photography flown in 2016

**Project Notes:**

Water Level Reference: Post-Processed GPS  
Base Station: GCM 8897244, "Ladner Island"

**Equipment**

Vessel: P/Bainy Echo

Positioning: PDS MV / Post-Processed GPS

Base Station: "Ladner Island"

Sounding: Reson T20 Dual

project

project

**FRASER RIVER, B.C.  
LADNER HARBOUR  
RECONNAISSANCE  
SURVEY**

drawing

design

**SOUNDINGS FOR  
KM 17 TO KM 18**

surveyed by: J. Walsh  
date: 2022-08-16

processed by: J. Walsh  
date: 2022-08-18

drawn by: J. Walsh  
date: 2022-08-18

reviewed by: T. Cain  
date: 2022-08-18

Field Sheet Name:  
**22022LH1619 R**

5 drawing no. PWGSC file no.

2 of 3 8-09

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SCALE 1:2000 ALL DISTANCES IN METRES