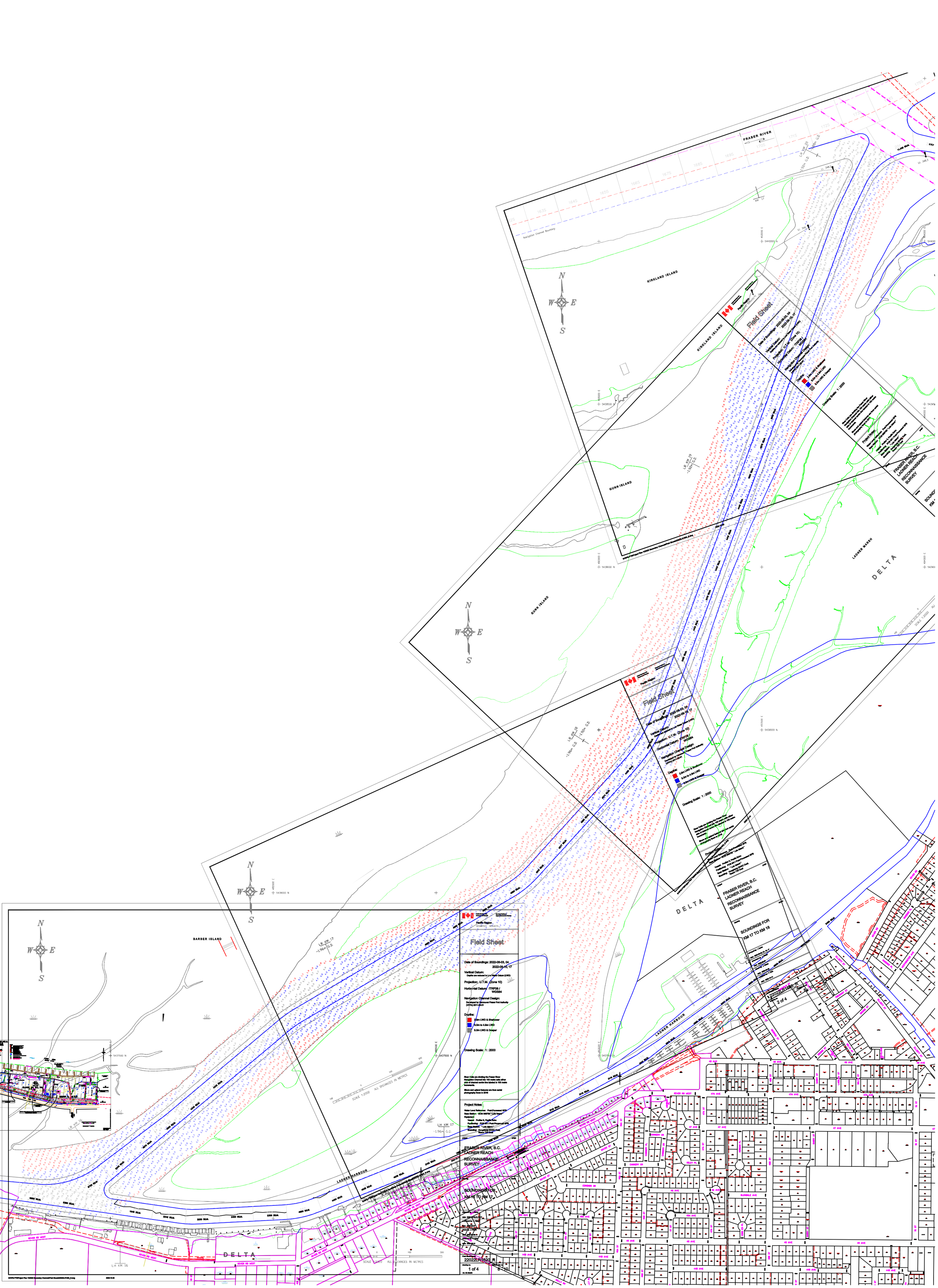
FRASER RIVER
Navigation Channel Boundary
KIRKLAND ISLAND
GUNN ISLAND
BARBER ISLAND
LADNER MARSH
DELTA
LADNER HARBOUR
Field Sheet
Pacific Region
GEOMATICS SERVICES
Date of Soundings: 2022-08-03, 04
2022-08-15, 17
Vertical Datum:
Depths are reduced to Low Water Datum (LWD)
Projection: U.T.M. (Zone 10)
Horizontal Datum: ITRF08 / WGS84
Navigation Channel Design:
Developed by Vancouver Fraser Port Authority (VFPA) 2011-05-01
Depths:
2.0m LWD & Shallower
3.0m to 4.9m LWD
5.0m LWD & Deeper
Drawing Scale: 1 : 2000
River Cells are dividing the Fraser River Navigation Channel into 100 metre cells either side of channel centre line labeled 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: CCM 899797 "Lulu Island"
Equipment:
Vessel: Positive II, Pacific Echo
Positioning: POS-MV / Post-Processed GPS
Base Station: " Lulu Island "
Soundings: Kongsberg 2040C Dual Beam 710 Dual
FRASER RIVER, B.C.
LADNER REACH
RECONNAISSANCE SURVEY
SOUNDINGS FOR KM 17 TO KM 18
SOUNDINGS FOR KM 18 TO KM 19
SOUNDINGS FOR KM 16 TO KM 17
22022LR1620_R
1 of 4
2 of 4
8-101
SCALE 1:2000
ALL DISTANCES IN METRES
FRASER RIVER
LH KM 16
LH KM 17
LH KM 18
LR KM 17
LR KM 18
-1.96m C.D.
-1.92m C.D.
-1.96m G.D.
-1.96m G.D.
-1.92m C.D.
5438000 N
5437500 N
5438500 N
5439000 N
5439500 N
493000 E
493500 E
494000 E
492500 E
492000 E
491500 E
491000 E
490500 E
490000 E
5440000 N
5440500 N
5441000 N
5441500 N
5442000 N
5442500 N
5443000 N
5443500 N
5444000 N
5444500 N
5445000 N
5445500 N
5446000 N
5446500 N
5447000 N
5447500 N
5448000 N
5448500 N
5449000 N
5449500 N