



112-47-10100

Route Correction / Additional Information

Water Body Name: *Long Bay Creek
Species & Lifestage Observed: SHp (1), DVp (1)
Observation Date: 05/22/2025

HUC12: 190102110304
MTR: C046S060E
Quad: Sitka D-6 SE / D-5 SW

Observers: Mark Hieronymus, Sam Roche, Gabe Cohen

Observations: We walked this stream with GPS from the high intertidal zone to a point approximately 4.5 kilometers upstream. We ended upstream observations at a predetermined time and snorkeled downstream. During the downstream snorkel, we observed and video-documented a single adult steelhead and a single Dolly Varden char. Comparison of the 2024 AWC arc for 112-47-10100 and our field-verified stream path suggests a route correction is warranted. Observation locations and notes are in Table 1, fish and stream photos and a map showing observation locations and route correction are in Figures 1-5.

Table 1.- 112-47-10100 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	57.856216	-135.650407	Start of US obs, 112-47-10100 Long Bay Ck. 0900. 90% Hi OVC. H2O temp: 4.2°C H2O Vis: ~4m+ (excellent).		
2	57.846201	-135.709257	End of US obs due to time constraints - excellent fish habitat continues. Start of DS snorkel.		
3	57.852969	-135.672612	1 SH in tree roots here.	VI	1 SH
4	57.853163	-135.670920	1 DV here. Size (~30cm+), coloration, and lack of barriers between here and salt water strongly suggest anadromy.	VI	1 DV
5	57.861382	-135.624719	Tideline, 1700. Tidal data from NOAA stn #9452386 (Tenakee AK) shows predicted tide height of 3.01' at 5pm for this date.		
MLLW	57.862718	-135.620503	Approx. location of MLLW based on observations.		



Figure 1.- Adult steelhead at waypoint 3.



Figure 2.- Dolly Varden char at waypoint 4. Size (~30cm+), coloration, and lack of barriers between wpt4 and salt water strongly suggest anadromy in its recent life history.



Figure 3.- Looking downstream from waypoint 5 at terminus and bay at ~3' tide stage.



Figure 4.- Looking upstream from waypoint 5 at ITZ. For reference, the low tree line in center of photo is ~2.2km away.

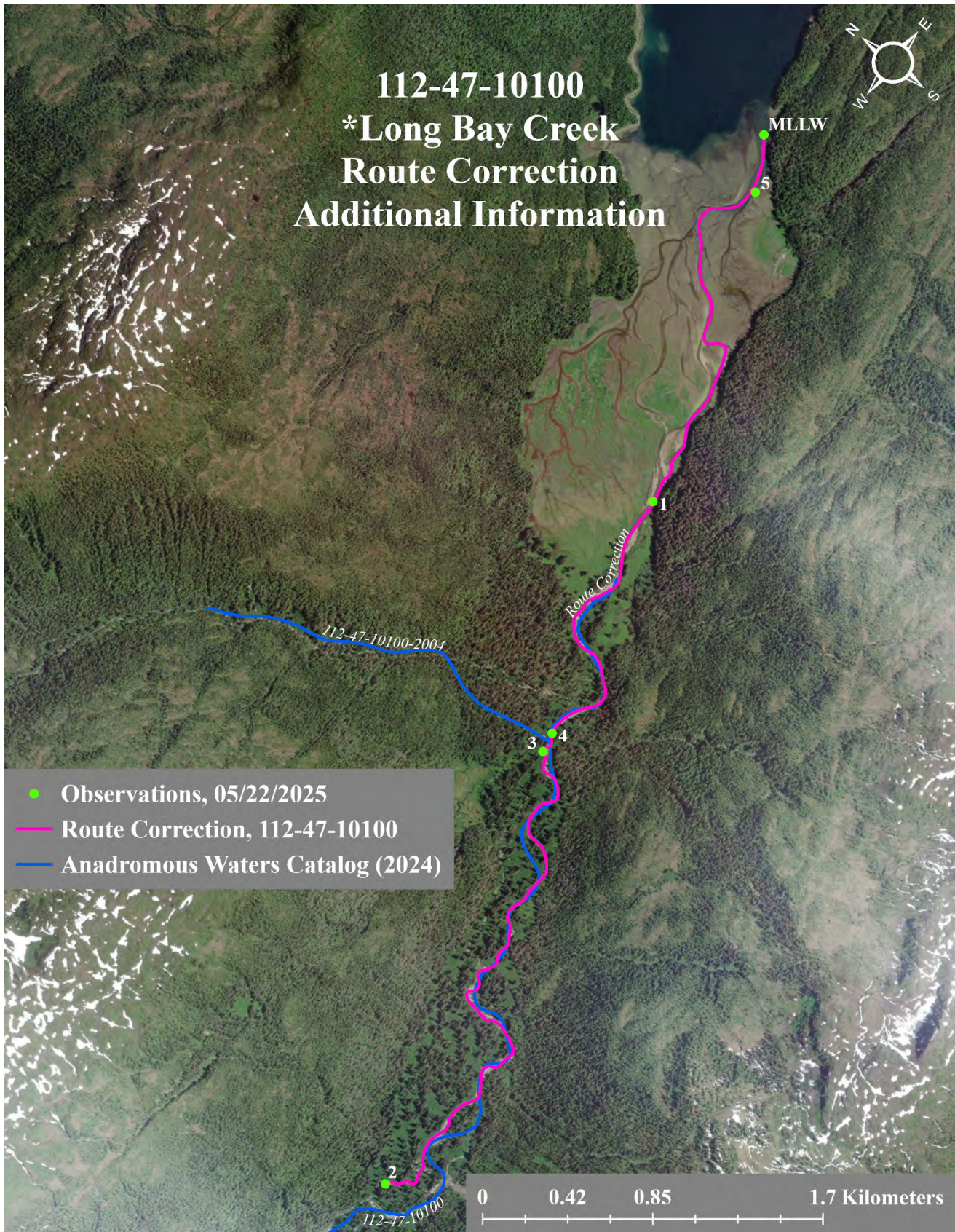


Figure 5.- A map of 112-47-10100 showing observation locations and route correction.