

Alaska Department of Fish and Game

Habitat Section
Southeast Region



11-50-10500-2003-3042

CORRECTION

Water body name:

Quad: Juneau B-2

Upper Reach Latitude: 58.424345 **Longitude:** -134.619286

Lower Reach Latitude: 58.414425 **Longitude:** -134.610218

Survey date: 10/11/2023

Species & Lifestage: CO

Survey crew: CD, FC

Findings: We surveyed this cataloged stream using a backpack electrofisher and GPS. We captured found that the stream path is incorrectly mapped. The channel was forested with the gradient increasing until we encountered a barrier falls (Table 1; Figures 1–4).

Recommendations: Correct Stream No. 11-50-10500-2003-3042 in the anadromous waters catalog to reflect the field verified stream path (Figure 5). Add Dolly Varden to the species present.

Nomination: Pending

Table 1.–111-50-10500-2003-3042 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1009	58.423843	-134.617723		8-10	Large Gravel Small Gravel	Log Jams	2-4	EF	3 CT 1 DV
1010	58.423704	-134.617455	Slight increase in gradient compared to upstream. A couple large (>10") DV observed in pool just downstream of ~2' log jams falls.	8-10	Large Gravel Small Gravel	Log Jams Cut Banks	4-6	EF	3 DV 1 CT
1011	58.423550	-134.617158							3 CT
1012	58.423461	-134.617140	1-yr CO capture.	8-10	Large Gravel Small Gravel	Cut Banks	2-4	EF	2 CO 2 CT
1013	58.423057	-134.617344	Continued 1-yr CO capture.					EF	2 CO
1014	58.424246	-134.618996	Large (>10") DV capture. Gradient starts to increase substantially ~25' upstream.	4-6	Small Gravel Large Gravel	Cut Banks Log Jams	2-4	EF	2 DV 4 CT
1015	58.424349	-134.619307	Bedrock falls accumulating >13' over ~10' reach. Has one small step pool, but results in great enough gradient over short reach to qualify as a FRPA barrier to adult fish passage.	4-6	Bedrock Large Gravel	Incised Channel	10-12	EF	1 CT



Figure 1.—Dolly Varden captured at waypoint 1014.



Figure 2.—Juvenile coho salmon captured at waypoint 1013.



Figure 3.—Stream channel at waypoint 1011.



Figure 4.—Barrier falls at waypoint 1015.

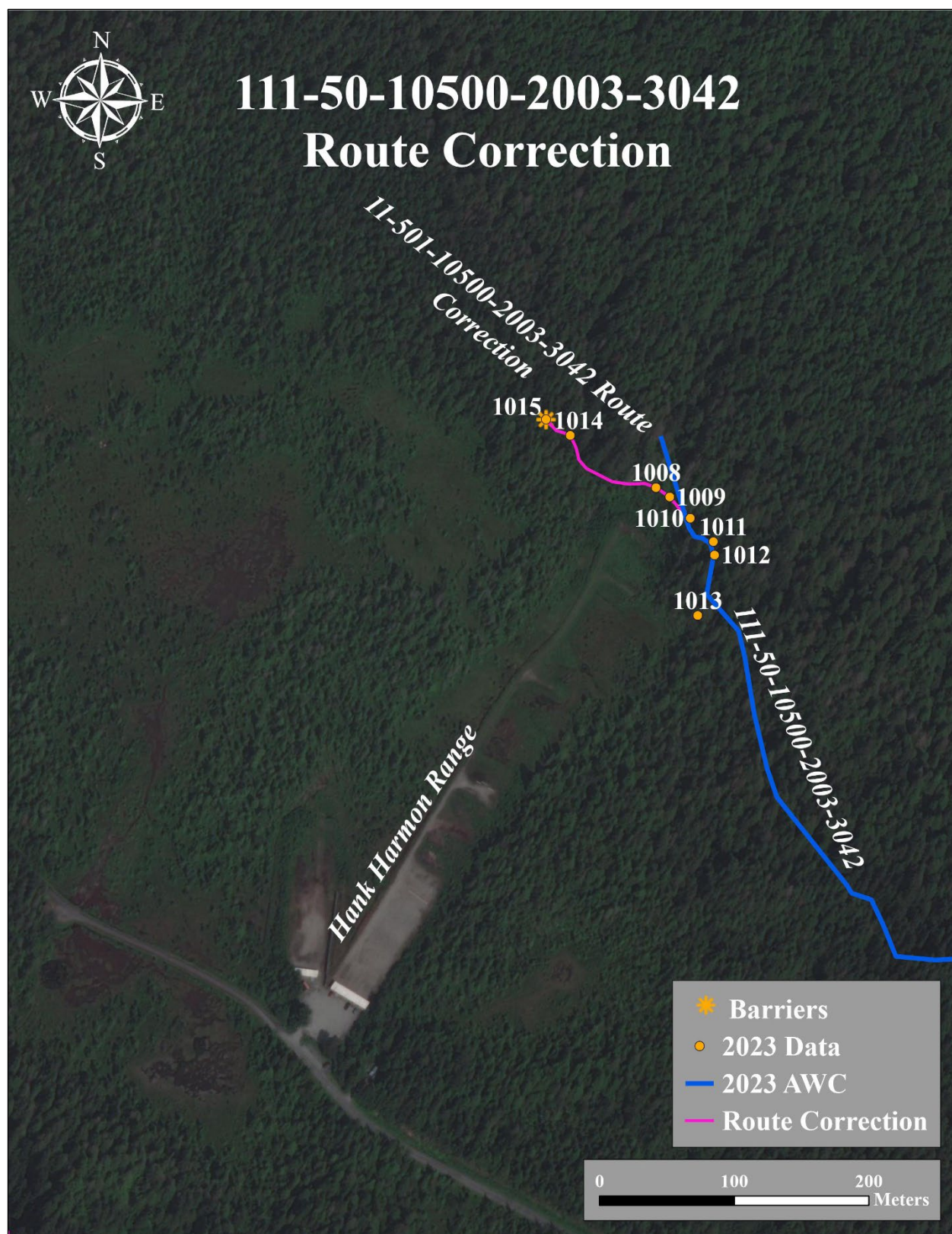


Figure 5.—111-50-10500-2003-3042 route correction map.