State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

LM

Region: Southeastern

USGS Quad(s): Skagway B-3

Anadromous Waters Catalog Number of Waterway: 115-32-10250-2067-3002 – 0930 , – 4007

Name of Waterway: Little Salmon River ☑ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #	12-609		
Revision Year:	2013	Fisheries Scientist	11/2/12 Date
Revision to:	Atlas ____ ____	Habitat Operations Manager	11/2/12 Date
	Both X	AWC Project Biologist	10/24/12 Date
Revision Code:	E-1, C-9, C-7	Cartographer	12/10/12 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/12/2012		✓	✓	✓
Dolly Varden	08/12/2012			✓	

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

We also caught rearing coho salmon on August 14,17,24 2012
Coordinates (Lat,Long): Upper(59.384055,-136.086699) Lower(59.395698,-136.044346)

Reuse hydrography, reposition pts to align w/ new hydrography
Add polygon w/ coho salmon Rearing
moved mouth of -4007

Name of Observer (please print): Nicole Legere

Signature: 146.63.61.200 (Web Nomination) Date: 10/10/2012

Agency:

Address: PO Box 110024 Room 209
Juneau, AK 99811-0024

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08

Name of Area Biologist (please print):

Little Salmon River Route Correction

Stream: Little Salmon River (115-32-10250-2067-3002) Route Correction
Watershed: Tsirku River
USGS Quadrangle: Skagway B-3
MTRS: CO29S055E
Date Surveyed: August 2, 13, 14, 17, 24, and 25, 2012
Findings: Over the course of six days we tracked and surveyed the upper portion of the Little Salmon River and its tributaries. This area has many beaver dams. As shown in figure 1, we tracked a polygon around one of the beaver dams. Juvenile coho salmon were found throughout the entire polygon perimeter. We also tracked a side channel with rearing coho throughout the stream (figure 1). The Little Salmon River track differs from the AWC.
Recommendations: Update this stream route in the AWC.
Nomination form submitted: Yes
Nomination status:
Notes:

Table 1: Little Salmon River Route Correction Survey Data

Waypoints	Latitude	Longitude	Notes	Sample Effort	Sample Results
10	59.384114	-136.075101	Bridge that crosses the Little Salmon River. The road goes to the Tsirku River. River is moving along and we will be tracking and shocking up.		
11	59.384838	-136.081325	Tributary entering river left. Just small clear stream compared to Little Salmon River. Track/shock		
19	59.384705	-136.081664	Back on Little Salmon mainstem, heading up.		
21	59.383471	-136.093358	At steep, incised portion. Have to be close to the cataloged upper extent. Calling it good. Rapids and increasing gradient.		
70	59.384134	-136.075096	This is where bridge crosses the Little Salmon River. We will be heading downstream.		
71	59.383577	-136.068347	Electrofished settings 370 V, 30 Hz, 12 % duty cycle. We got 11 DV between 30-85mm, 1 sculpin and 2 coho about 45 mm.	electrofish	11 DV ~ 30-85 mm, 1 sculpin, 2 coho~ 45mm
72	59.385539	-136.066145	Tributary entering river left. Going to track and shock.		
74	59.388543	-136.064071	Side channel entering river left. Going to track and shock up.		
75	59.388595	-136.064916	Start of beaver complex. Electrofished 6 DV about 50 mm.	electrofish	6 DV ~ 50 mm
76	59.388533	-136.065459	Top of small back load of water. Electrofished 3 coho about 50 mm.	electrofish	3 coho ~ 50 mm

77	59.388014	-136.06586	Beaver dam one of many. Currently not much flow from dam.		
78	59.388049	-136.065837	A disconnected pool from water. We saw coho and electrofished 5 coho about 45 mm.	electrofish	5 coho ~ 45 mm
79	59.388068	-136.066331	Beaver dam main about 3 ft. high. Will track down to where it connects with WPT's 75, 74 to make main flow that connects with Little Salmon River. Electrofished at base of dam and got 1 DV about 45 mm and 3 coho about 40 mm.	electrofish	1 DV ~ 45 mm, 3 coho ~ 40 mm
80	59.387201	-136.066608	Back on main stream, headed down to see where it connects.		
81	59.387375	-136.066506	Far edge of beaver pond. Can hear Little Salmon from here.		
92	59.388701	-136.0659	Three coho captured in the beaver pond.	dipnet	3 coho
93	59.389177	-136.065243	Schooling coho		
94	59.38926	-136.065146	Shocked 3 CO, 65-80 mm	electrofish	3 coho 65-80 mm
95	59.389496	-136.064997	3rd beaver dam installment. Tons of fish stuck in pool below dam.		
25	59.390076	-136.06441	Tributary hits a barrier. No throughway, but flow on the other side.		
26	59.391491	-136.060653	Confluence with Little salmon. This tributary had spots with no H2O but there were coho in every pool.	visual	coho
31	59.388512	-136.064047	Continuing tracking down the Little Salmon River.		
37	59.390629	-136.060438	River spreads out into channels. We will track river left.		
38	59.391378	-136.060096	Start of beaver complex.		
39	59.390898	-136.059395	Beaver pond-we are going to track a polygon around the complex.		
40	59.390306	-136.059065	E-fished 2 coho caught on edge of beaver complex.	electrofish	2 coho
41	59.390937	-136.058206	E-fished 4 coho ~ 45 mm. Continuing polygon.	electrofish	4 coho ~ 45 mm
42	59.391037	-136.057403	E-fished 3 coho, 1 sculpin	electrofish	3 coho, 1 sculpin
43	59.391557	-136.057083	Water leaving beaver complex into Little Salmon..		
44	59.391631	-136.059794	One outlet from complex.		
45	59.391604	-136.05979	This is where WPT 38 meets WPT 44		
46	59.392054	-136.058667	Branch of Little Salmon river left. Will track up.		

47	59.394842	-136.056972	Top of Beaver complex. End of tracking for the day.		
48	59.392083	-136.058431	On mainstem of Little Salmon. Started tracking downstream.		
49	59.395915	-136.051055	Main flow from beaver pond by road. Nice step pool with majority of water flow- deep pool would make for easy flush passage. Continuing down.		
50	59.395698	-136.044346	End tracking for the day. Should come back to investigate other side channel.		

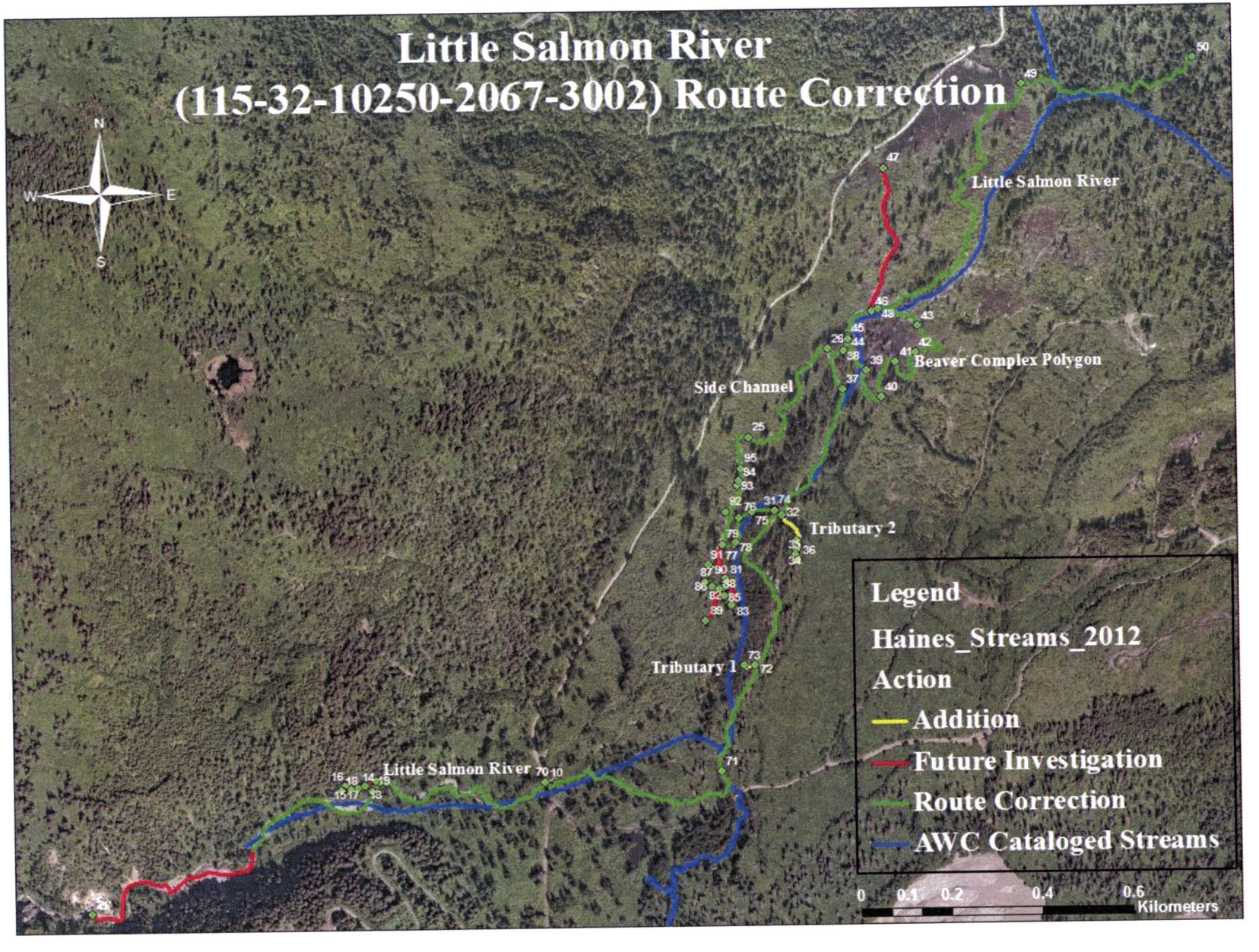
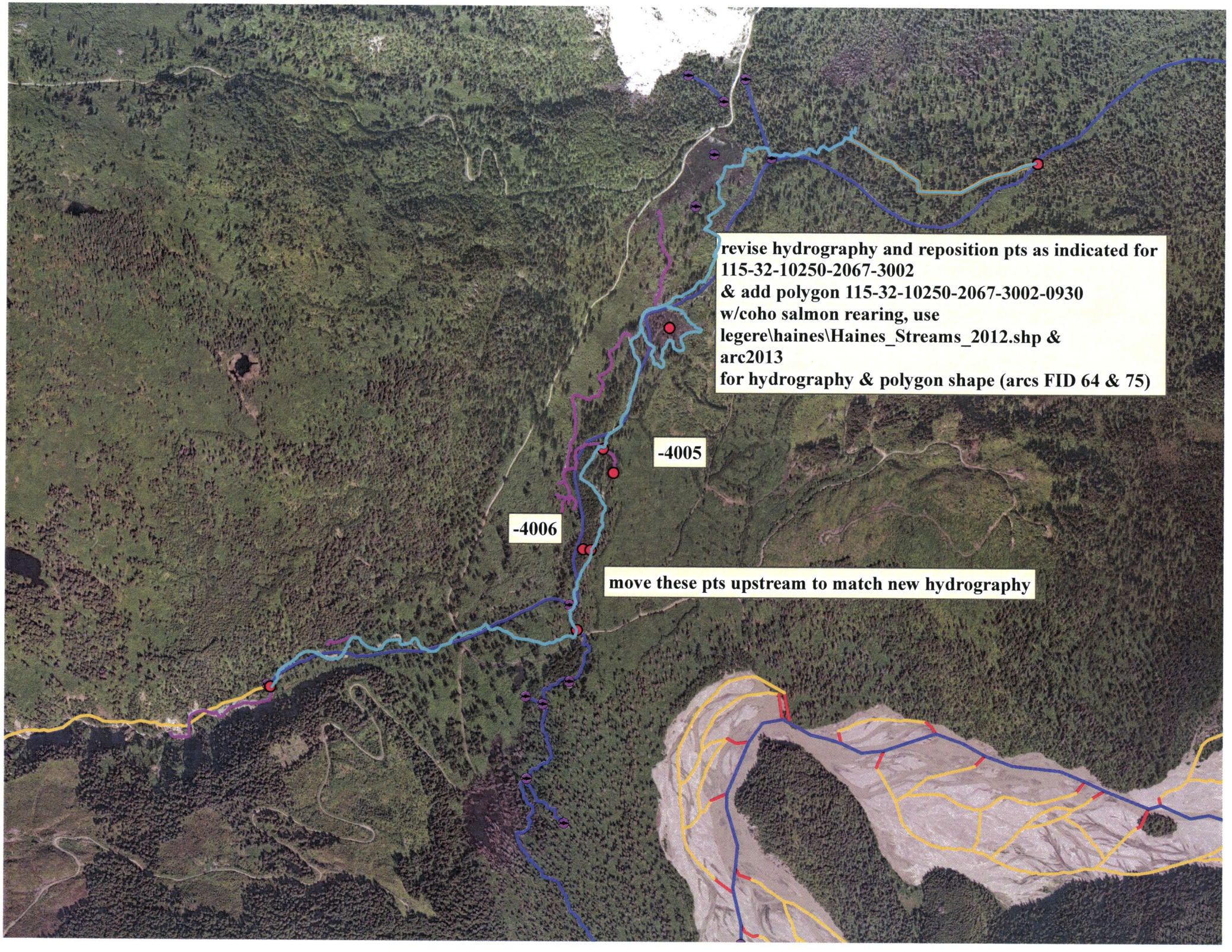


Figure 1: Little Salmon River Route Correction


revise hydrography and reposition pts as indicated for
115-32-10250-2067-3002
& add polygon 115-32-10250-2067-3002-0930
w/coho salmon rearing, use
legere\haines\Haines_Streams_2012.shp &
arc2013
for hydrography & polygon shape (arcs FID 64 & 75)
-4005
-4006
move these pts upstream to match new hydrography