



**State of Alaska
Department of Fish and Game
Sportfish Division**

**Nomination Form
Fish Distribution Database**

*re 11/5/04
90 JK*

Region Southeast Region I USGS Quad Skagway C-3
 Fish Distribution Database Number of Waterway 115-32-10250-2158
 Name of Waterway Assignment Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use *ALEX 2/24/05*

Nomination # <u>04 335</u>	<i>[Signature]</i>	<u>2/24/05</u>
Revision Year: <u>2006</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	<i>[Signature]</i>	<u>12-17-04</u>
Both <u>4</u>	FDD Project Biologist	Date
Revision Code: <u>B-2 B-6 B-1</u>	<i>[Signature]</i>	<u>3/17/05</u>
	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon	1978 - 2003	X			<input checked="" type="checkbox"/>
Chinook salmon	1991 - 1992	X			<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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.

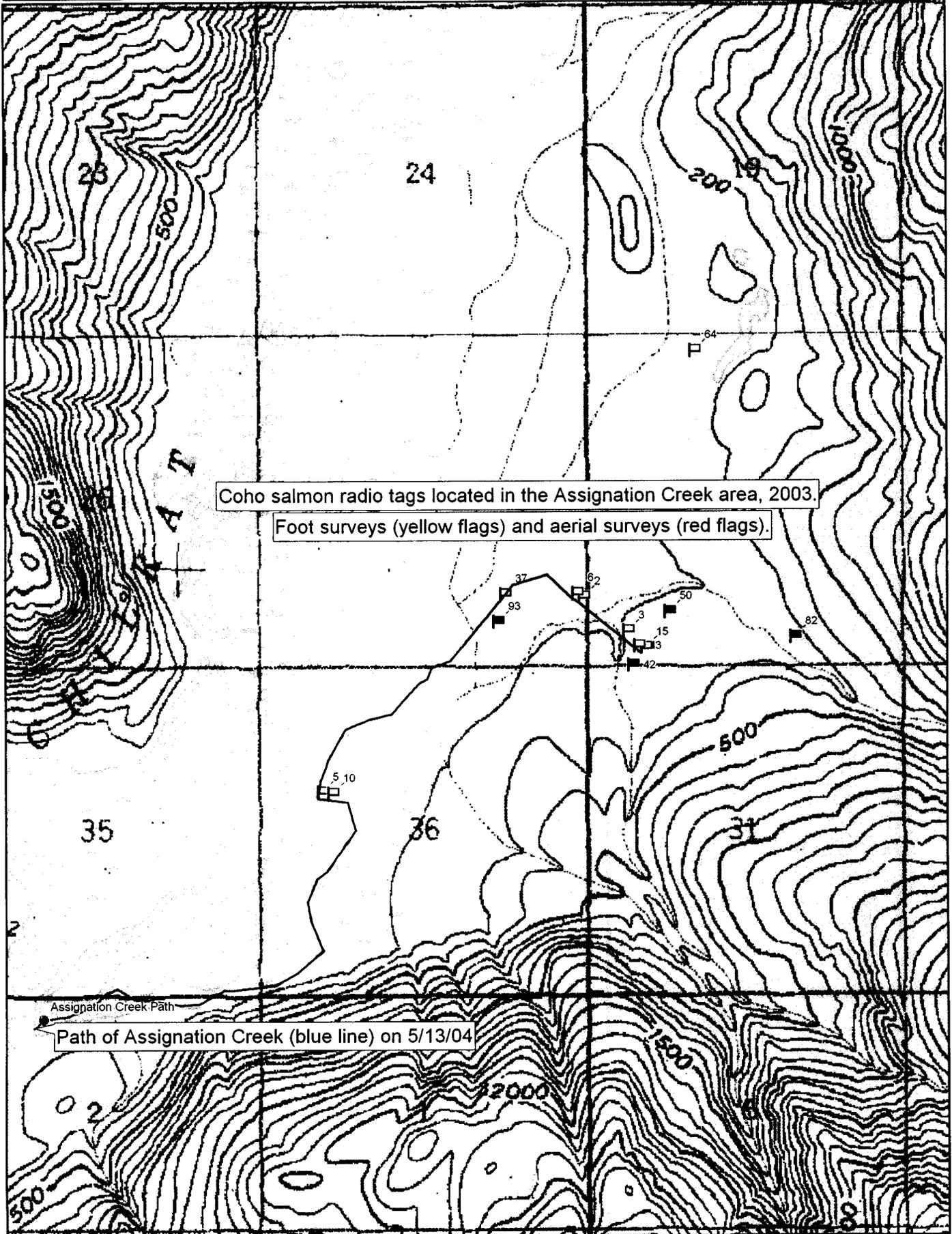
Comments: This glacial stream is cataloged for pink salmon spawning, and presence of Dolly Varden, whitefish, and coho salmon. This stream also provides important spawning habitat for coho and Chinook salmon. There are 8 peak coho escapement surveys listed in the CF database "Alexander" between 1978 and 2003 (35-714 fish). A total of 123 adult coho salmon were radio tagged as they migrated into the Chilkat River in 2003. Fifteen of these fish spawned in Assignment Creek, more than any other spawning location. Each radio tagged fish was thought to represent about 950 coho salmon. The results from this study will be published in a 2004 Fishery Data Series Report entitled "Production and Spawning Distribution of Coho Salmon from the Chilkat River, 2002-2003" currently in preparation. In addition, Chinook Telemetry studies conducted in 1991 and 1992 documented that Chinook salmon spawn in this stream (FDS 92-49 & 93-50). Add coho and chinook spawning as shown on attached map.

Name of Observer (please print): Randy Ericksen
 Signature: *[Signature]* Date: 11/5/04
 Address: ADFG - Div. of Sport Fish
PO Box 330, Haines, AK 99827

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 Fish Distribution Database.
 Signature of Area Biologist: *[Signature]* Revision 04/03
 Name of Area Biologist (please print): Randy Ericksen

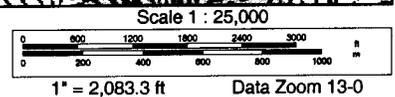
Add COs Ks to existing stream add Kp to 115-32-10250

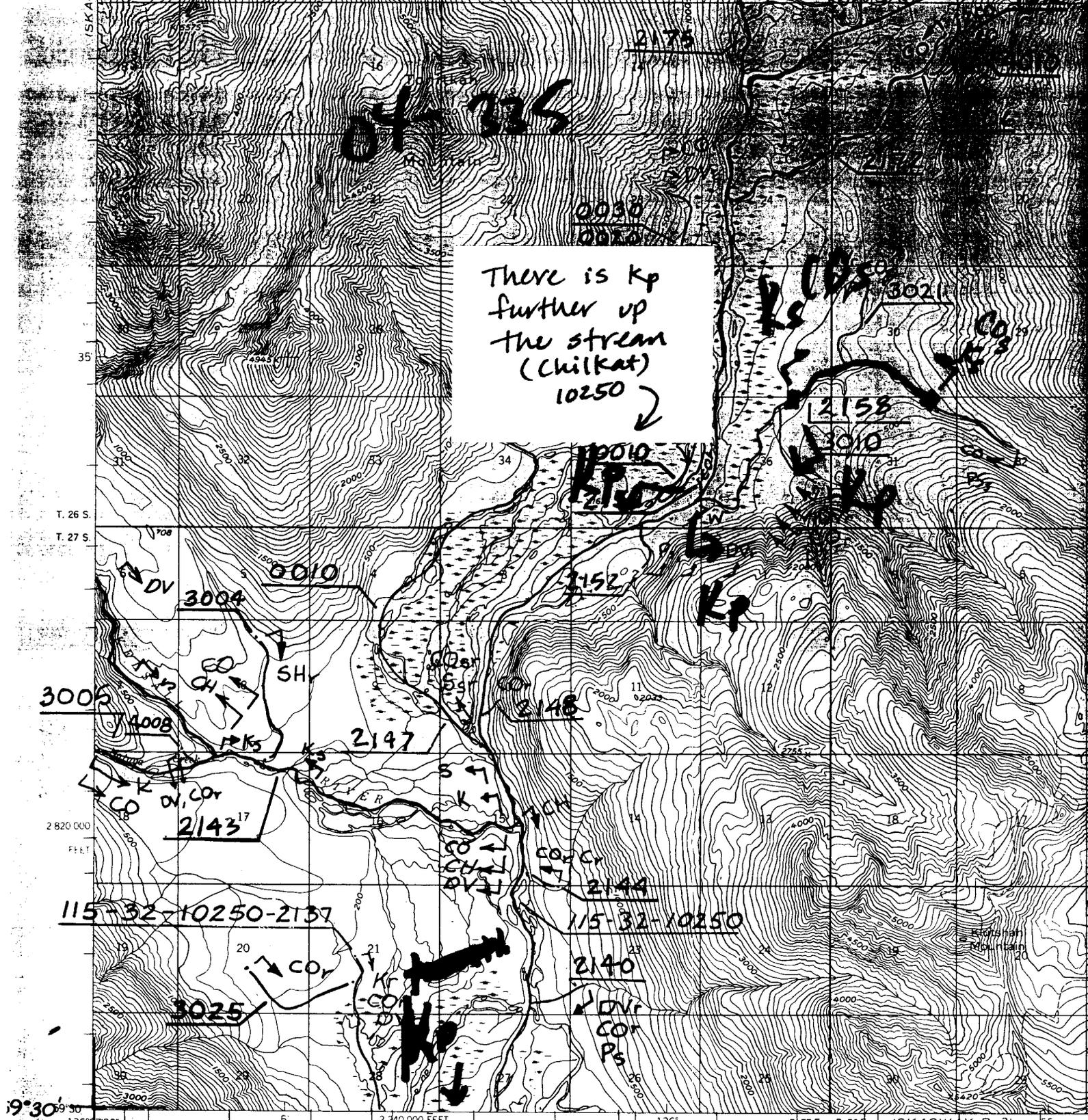
GPS locations of radio tagged coho salmon



Coho salmon radio tags located in the Assinuation Creek area, 2003.
 Foot surveys (yellow flags) and aerial surveys (red flags).

Assinuation Creek Path
 Path of Assinuation Creek (blue line) on 5/13/04





There is Kp further up the stream (Chilkat) 10250

Add Ks COs to existing stream

115-32-10250-2158

Map prepared, edited, and published by the Geological Survey
 Control by USGS USC&GS, and International Boundary Commission
 Topography by photogrammetric methods from aerial photographs taken 1-14, field annotated 1954. Map not field checked.
 Universal Transverse Mercator projection, 1927 North American datum
 10 000 foot grid based on Alaska coordinate system, zone 1
 1000 meter Universal Transverse Mercator grid ticks, zone F, shown in blue
 Land lines represent unsurveyed and unmarked locations predetermined by the State of Alaska, Division of Lands, Folio CR 11. Contour River Meridian.
 Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs



CONTOUR INTERVAL 100 FEET
 DATUM IS MEAN SEA LEVEL