A-10-5X

1989
Year of Revision

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

ALASKA DEPT. OF FISH & GAME
SEP 22 1988
REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume SOUTHEAST - REGION I

USGS Quad BERING GLACIER A-5

Name of Waterway TRIB. TO HOPE CK.

Anadromous Water Catalog Number of Waterway
192-41-10100-2040-3068

Change to _____ Atlas
_____ Catalog
✓ Both

Addition ✓

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

For Office Use

Nomination # 89 137

Richard Reed — Regional Supervisor — 9/19/88 Date

SFS — 11/10/88

FI — Drafted — 11/7/88 Date

Species	Date(s) Observed	Spawning	Rearing	Migration
CO	8-10-88		✓	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

SEE ATTACHED SHEETS

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) ROBERT JOHNSON / DAVE HARDY

Date: _____ Signature: Dave Hardy by RR

Address: ADFG
YAKUTAT / SITKA

Signature of Area Biologist: _____

Observer(s) RJ DH Watershed No. _____

Stream No. A-10-5x Stream Name Trib To Kaliakh Above Hope CK

Weather: Clear / Prt. Cloudy / (Cloudy)

Stream Stage: High / Low / (Medium)

Precip. Today SLIGHT Yesterday — This Week _____

Altitude ~325' M.S.L U.S.G.S. Quad Bering Glacier A-5

Lat. ° ' " N Long. ° ' " W

Temp: Air _____ Water _____ Time 1250 P Date 8-10-88

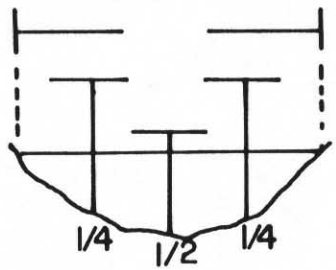
H2O Q. (Muddy / Murky / Stained / Clear)

Substrate %: Mud —; Sand —; Gravel —; Cobble 40; Boulder 60; Bedrock —

Habitat Quality 1 — 2 → 5 (Poor — Excell)

Spawning 2; Rearing 2; Migration —

Flow:



V= 0 _ _ _ 0

A-10-5x

Fish Species: K | CO | S | P | CH | DV | RB | CT

4

Length mm.

Gear dipnet Est. Area Sampled _____

Sampling Time 1250 Est Sampling Efficiency _____

Channel Diagram (include bank&stream features, vegetation)

Upstream of previous (10-4x) Mod/High gradient.
A QUICK TEST FOR UPSTREAM DISTRIBUTION.
SIMILAR TO 10-4x EXCEPT HIGHER GRADIENT
STEEPER WALLS (SOME CLIFFS) NO PHOTOS

10-4X

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USGS name _____

Local name _____

For Office Use

Nomination # 89 138

Richard Reed 9/19/88
Regional Supervisor Date

_____ _____
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
CO	8-10-88		↘	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

SEE ATTACHED SHEETS

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) ROBERT JOHNSON / DAVE HARDY

Date: _____ Signature: Dave Hardy by PR

Address: ADFG
YAKUTAT / SITKA.

Signature of Area Biologist: _____

A-10-4x

Observer(s) RJ DH Watershed No. 5

Stream No. A 10 4x Stream Name Trib to Kaliakh R
Above Hope Ck

Weather: Clear / Prt. Cloudy / Cloudy

Stream Stage: High / Low / Medium

Precip. Today ____ Yesterday ____ This Week ____

Altitude 200' M.S.L U.S.G.S. Quad Bering Glacier A-5

Lat. ° ' " N Long. ° ' " W

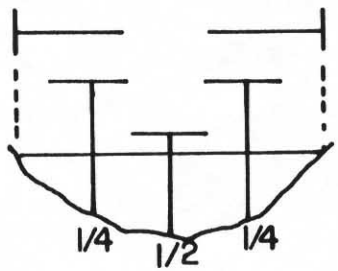
Temp: Air ____ Water ____ Time 1150 a Date 8-10-89

Turbidity: Muddy / Murky / Stained / Clear

Substrate %: Mud ____ Sand ____ Gravel 30 Cobble 60 Boulder 10 Bedrock ____

Habitat Quality 1 → 5 (Poor … Excell) Spawning 5 Rearing 3 Migration ____

Flow:



V= 0 ___ ___ ___ 0

Fish Species	K	CO	S	P	CH	DV	RB	CT
Length mm.		4						

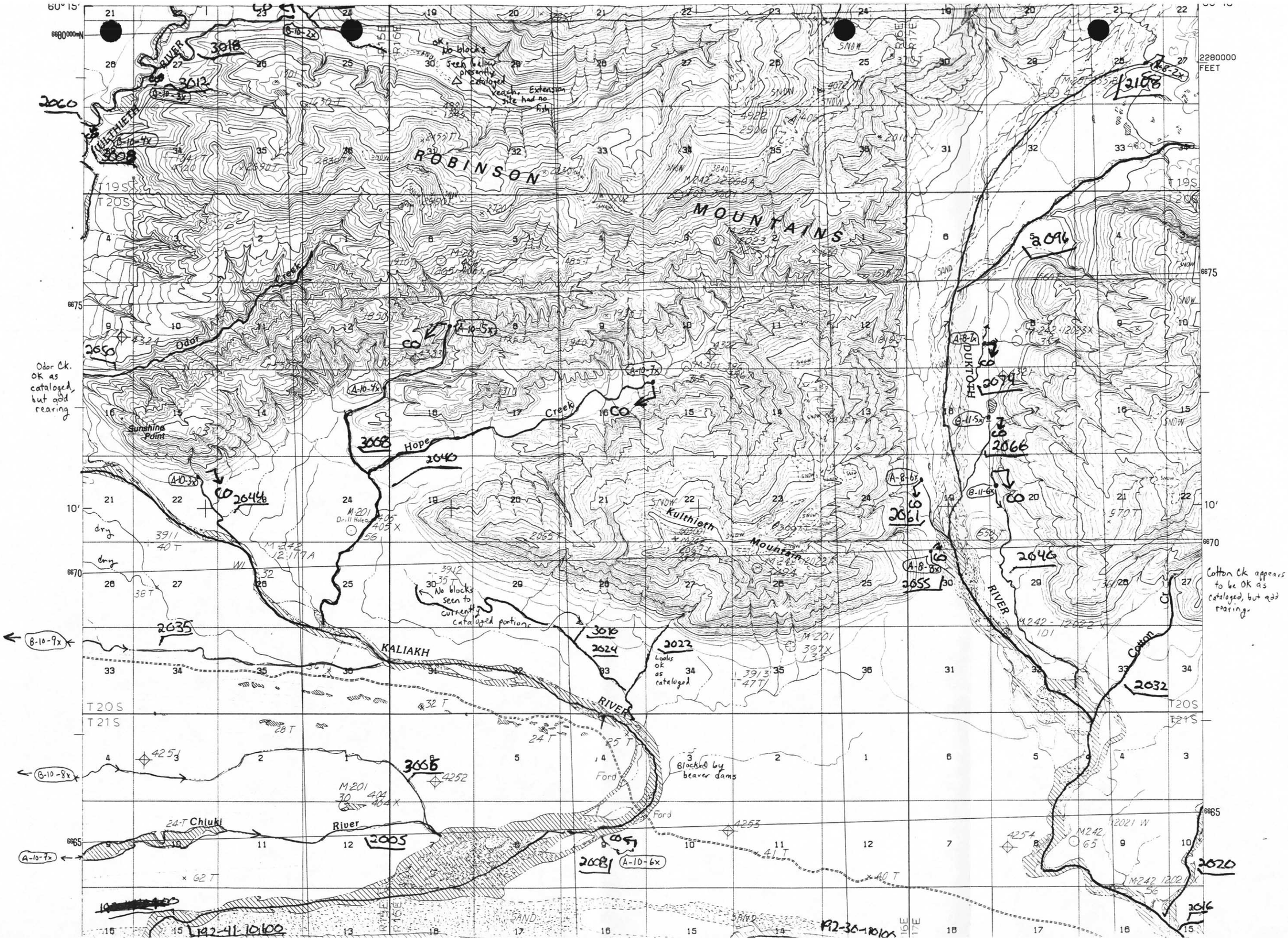
Gear Dipnet Est. Area Sampled ____

Sampling Time 11:45 Est Sampling Efficiency ____

Channel Diagram (include bank&stream features, vegetation)

Medium Gradient Clay Boulder/cobble mountain stream
Through forested slopes. Wash channel shows
evidence of much greater seasonal flows.
Alder - Cottonwood Along immediate channel
Excellent Spawning Area
Moose Tracks, Black Bear Tracks w/Cubs

Coho fry Are quite Abundant in side Tribs. +
main River



ROBINSON MOUNTAINS
KALIAKH RIVER
Kulthieth Mountain
Odor Creek
Hope Creek
Sunshine Point
Chiuki River
Cotton Cr
DUKTOTH RIVER
Odor Ck. OK as cataloged, but add rearing
Cotton Ck appears to be OK as cataloged, but add rearing.
No blocks seen to currently cataloged portions
Looks ok as cataloged
Blocked by beaver dams
Ford
Drill Hole
2280000 FEET
T19S
T20S
T21S
R15E
R16E
R17E

89-730

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BERING GLACIER (A–5) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)

Odor Ck. OK as cataloged, but add rearing

Cotton Ck appears to be OK as cataloged, but add rearing.

A more recent version of this quad map, purchased from APU, in mid-September '88 shows the symbol for marsh wherever large areas of white appear on this maps; this addition corresponds well to our observations in this quad.

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1972
MAP NOT FIELD CHECKED. MAP EDITED 1984
PROJECTION ..... UNIVERSAL TRANSVERSE MERCATOR
GRID: 5 000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 7
20,000-FOOT STATE GRID TICKS ..... ALASKA, ZONE 2
UTM GRID DECLINATION ..... 1°28' WEST
1984 MAGNETIC NORTH DECLINATION ..... 27°30' EAST
VERTICAL DATUM .... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines 50 meters north and 109 meters east

Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management, Folio CR-10, Copper River Meridian

There may be private inholdings within the boundaries of any Federal or State reservations shown on this map

The Alaska Maritime National Wildlife Refuge consists of all the public land in the coastal waters and adjacent seas of Alaska consisting of islands, islets, rocks, reefs, capes and spires, as well as designated mainland areas

All streams and lakes are perennial

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography 3

SCALE 1:63 360

CONTOUR INTERVAL 100 FEET
SUPPLEMENTAL CONTOUR INTERVAL 50 FEET
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 8 FEET

QUADRANGLE LOCATION

ROAD LEGEND
Improved Road
Unimproved Road
Trail

FOR SALE BY U.S. GEOLOGICAL SURVEY, FAIRBANKS, ALASKA 99701
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ADJOINING QUADRANGLE NAMES
1 Bering Glacier (B-6)
2 Bering Glacier (B-5)
3 Bering Glacier (B-4)
4 Bering Glacier (A-6)
5 Bering Glacier (A-4)
6
7
8

BERING GLACIER (A–5), ALASKA
PROVISIONAL EDITION 1984
60142-A5-TF-063

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

FOR CATALOG 8-88