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

ALASKA DEPT. OF FISH & GAME

OCT 16 1992

REGION II HABITAT DIVISION

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (B-2), Alaska

Anadromous Water Catalog Number of Waterway 251-50-10065 ~~0001~~

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 153	[signature] Regional Supervisor	11/3/92 Date
Revision Year:	'93		
Revision to: Atlas ____ Catalog ____ Both X		EQ Weiss	1/4/93
Revision Code:	A-1	J. Crone Drafted	1/14/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho fry	7-19-92		X		X
Dolly Varden	7-19-92		X		

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. 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.

Comments:

Previously cataloged (251-50-10065) up to the forks, we electroshocked approx. 200 meters of the east tributary upstream of the confluence with the mainstem. No coho were found in this tributary. Observed and electroshocked coho fry and Dolly Varden as we proceeded upstream to the west from the confluence of the above mentioned east tributary. This section is characterized by pools among logjams with small (<1 foot falls). No obvious barrier at the upper extent of coho rearing. Shocking 200 m upstream of the upper rearing extent produced only Dolly Varden. Suspect adult coho spawn upstream of the upper rearing extent. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Aimee Weseman, Mark Fink, Jeff Barnhart

Date: 8-11-92 Signature: Jeff Barnhart

Address: ADF&G Habitat Division Anchorage

Signature of Area Biologist: _____

Rev. 12/91

FISH HABITAT ASSESSMENT 1992

FORM 1: STREAM

ver 062692.0

STREAM#: 251 50 10065 0001 DATE: 7/19/92

STREAM NAME: —

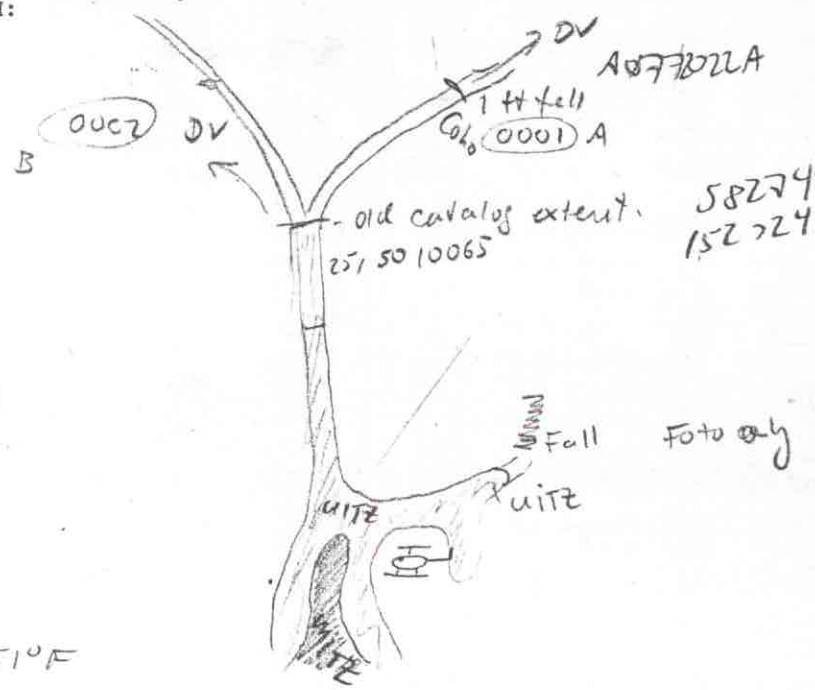
LOCATION: SHUYAK STRAIT

MOUTH-LATITUDE: 58 27 49.5 MOUTH-LONGITUDE: 152 32 45.5

TEAM: BFWS STAGE: H__ M ✓ L__

COMMENTS: No Coho were found in 5 pools in ~200 m upstream of confluence in trib. 0002. extended anadromous extent from confluence of tributary ~ 300 m. No Cohos found in the East tributary (0002). Suspect that spawners migrate further and that extent applied to juveniles.

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 50 10065 0001 SECTION: A

DATE: 7/19/92 METHOD: _____ DIREC: UP ✓ DOWN ___

START LAT: 58 27 49.5 START LON: 152 32 45.5

END LAT: — END LON: —

LENGTH (m): _____ WIDTH (m): 2 GRADIENT (%): 3

BANK TYPE: flat, veg STREAM DEBRIS: logs

BANK VEGETATION: Devils Club, Spruce

STREAM SUBSTRATE: GR CO BO BE

BANK SUBSTRATE: VE GR BO

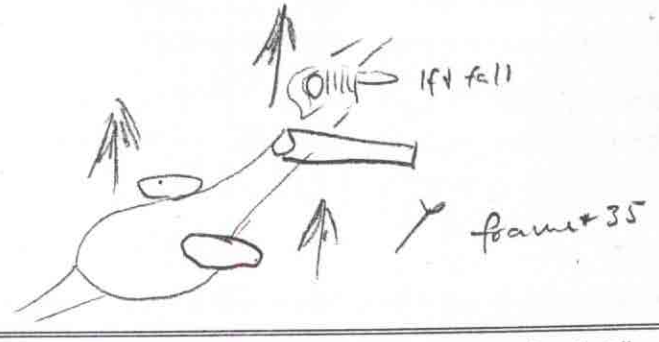
CHARACTER: Pools among logjams + small (<1ft falls). no obvious barriers. suspect that this is rearing extent.

COMMENTS: shocked all pools within the next 280 m + found only Dolly Varden

GPS FILENAME: _____ TOTAL BARRIER? Y ___ N ✓

STREAM TYPE: A ✓ B ___ C ___ IF BARRIER IS TOTAL, LAT: _____ LON: _____

SKETCH:



Substrate: BOulder >1ft CObble 2-12" GRavel .1-2" SAnd <.1"
SIlt/clay/mud BEdrock (solid)

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 251 50 10065 0001 SECTION: A

STATION: 1 DATE: 7/19/92 GPS-ID: FIX:

STATION-LAT: 58 27 49.5 STATION-LON: 152 32 45.5

GEAR: ES TIME-INT: 5 TIME-UNIT: sec

INDUCT: 17 AREA SHOCKED (sqm): 1

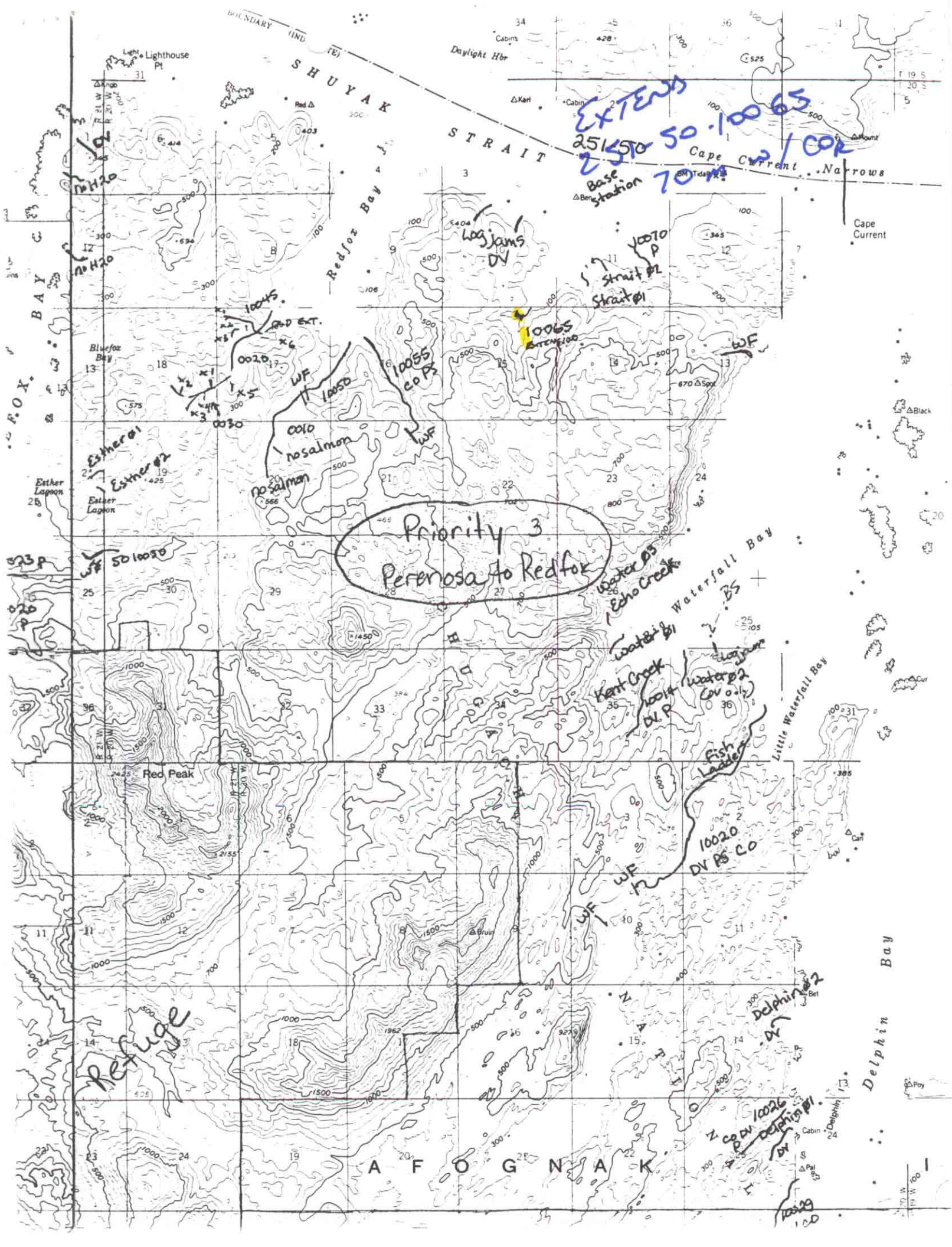
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: electroshocked several Cohos on way up the stream section.



EXTEND
251550 50 10065
70 m w/ COR
Base Station
Priority 3
Perenosa to Redfox
Lighthouse Pt
SHUYAK STRAIT
Daylight Hbr
Cape Current Narrows
Cape Current
Redfox Bay
Bluefox Bay
Esther Lagoon
Esther #1
Esther #2
Red Peak
Waterfall Bay
Little Waterfall Bay
Delphin Bay
Refuge
AFOGNAK
Log jams DV
10070 P
Strait #2
Strait #1
10065
10045
0020
0030
10050
10055 CO PS
0010
no salmon
no salmon
WF
Water #3
Echo Creek
Water #1
Kent Creek
10014 DV P
Water #2 (DV only)
Fish Ladders
10020 DV PS CO
Delphin #2
10026 CO DV P
Delphin #1
10029 CO