84-348

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

____ Addition ✓ Deletion

Name of Waterbody (if known): ~~name~~ Stream #6

mouth in sec. 31

Location:

Anadromous Waters Catalog Volume and Number 103-90-10670

USGS 1:63,360 Quadrangle Petersburg A-5

or 1:250,000 (if 1:63,360 not available) _____

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
Pink	9/12/83	Spawn
Chum	"	"

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

Habitat ends at approx 2000 ft.

R Reed

refer to map

Stream #6 (103-90-067), 9/12/83, Kluthe/Stewart

Change upper point for Ps, add CHs
leave COs as is. Don Lowell, Habitat Biologist, Ketchikan

Name of Observer (please print) Bob Metzger

Date: 12/22/83 Signature: Bob Metzger

Address: USFS, Thorne Bay District
Ketchikan

Drafted
Jew 2/84

CMY
2/6/84

OKEEN BAY
Kosciusko Island
Stream #6
103-90-067

Data

1 OF 1
KLUTHE / STEWART
9-12-83

BEARING	280°	290°	315°	350°	260°	355°	
DISTANCE	0+00	4+87	5+60	8+14	11+64	18+84	19+94
Str Width / Channel Width	ITZ 30 Ft	10'/15'	10'/20'	10'/12'	10'/12'	10'/12'	END
Str Depth / Channel Depth	8"	6"/2'	6"/2'	4"/8"	6"/12"	12"/16"	OF
Velocity	Slow	Rapid	Rapid	Torrential	Rapid	Slow	HABITAT
Pool/Riffle	20/80	20/80	20/80	20/80	20/80	50/50	
Gradient %/Ft	5/100'	3/100'	5/100	5/100	5/100	6/50	
Side Shots							
R %/Ft	0	0	0	0	200/50	150/50	
L %/Ft	0	0	0	0	200/10	150/50	
Bottom Type							
Boulder	10	10	20	50	50	25	
Cobble	60	30	40	20	20	25	
Gravel	30	60	40	30	30	25	
Fine							
Bedrock							
Sand						25	
Fish Species							
Adult Pink	100	100	250	200	25	100	
Adult Chum	10	40	3				

0+00 ITZ

1+98 Small Island - Right Channel has 4 foot Log Falls - Possible Barrier
Left Channel O.K.

4+80 300 Adult Pink Salmon So Chum Salmon - Bear sign prevalent

4+87 100 Adult Pink Salmon

5+60 200 Adult Pink Salmon Trib. #6-1 AT 5+65

10+80 Small Rapids

12+39 5 Foot Rapids / Falls No Barrier

15+05 Trib. #6-2 - has 3 Foot Falls combined with 5 Foot Falls about 100-71 (7-68)
with Bedrock Chute between - Barrier to Fish Passage

16+59 Begin Long Rapids, 100% bedrock, [illegible]% Gradient

17+61 Trib. #6-3 Falls at mouth, 40' High 100% bedrock (Resident

18+05 END Rapids - 6 ft/Rapids/Falls - 50 Adult Pink Salmon Above

18+84 Begin Deep V-NOTCH

19+94 END of Habitat (Salmon) 100' Barrier Falls

Adult pink Salmon Below.

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

✓ Addition ____ Deletion

Name of Waterbody (if known): Stream #8

Location: T. 67S R. 77E S. 29

Anadromous Waters Catalog Volume and Number none

USGS 1:63,360 Quadrangle Petersburg A-5

or 1:250,000 (if 1:63,360 not available) _____

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
pinks	10/6/83	spawning

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

At least intertidal spawning

Stream 8 10/6/83 Kluthe/Stewart

RReed

Name of Observer (please print) Don Cornelius, Habitat Biologist, Ketchikan
Bob Metzger

Date: 12/22/83 Signature: Bob Metzger

Address: USFS, Thorne Bay District
Ketchikan

CMY
2/6/84

Survey Areas TOKEEN BAY

STREAM SURVEY DATA

ADF&G Catalog No

Stream Number 8

Date 10-6-83

Aerial Photo Number 8-1-80 IS-779-39

Investigators Kluthe/Stewart

Section no.	MOUTH
Compass bearing	
Gradient	0
Water Width a. Channel m	3/10
water	3/10
floodplain	3/10
ave. depth	3"/1'
Gradient	
Upper Bank a. Left	
Right	
Pool/Riffle	10/90
Stream Bottom	
(a) Compactness:	
1 - compact	
2 - moderate	
3 - loose	
(b) Gravel Size:	
- boulders (>256mm, 10")	
- cobble (65-128mm, 2 1/2-10")	40
- gravel (2-64mm)	60
- sand/silt (<2mm)	
- organic muck	
- bedrock	

Comments [redacted] adult pink salmon noted in It2 @ upward into stream. Good spawning/rearing habitat

Tagged + flagged at It2. Stream # 8 Should be re surveyed if there are any future use such as road or units.

Not surveyed to End of Habitat.

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

✓ Addition ___ Deletion

Name of Waterbody (if known): Stream 9

Location: T. 67S R. 77E S. 29

Anadromous Waters Catalog Volume and Number none

USGS 1:63,360 Quadrangle Petersburg A-5

or 1:250,000 (if 1:63,360 not available) ___

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
pink	10/6/83	Spawning

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

Intertidal spawning, 100 ft. of habitat

Stream 9, 10/6/83, Kluthe/Stewart

refer to map

Name of Observer (please print) ~~Don Corwin, Habitat Biologist, Ketchikan~~ Bob Metzger

Date: 12/22/83 Signature: Bob Metzger

Address: USFS, Thorne Bay District
Ketchikan

P Mead
cmy
2/6/84

Survey Areas NAUKATI

STREAM SURVEY DATA

AOF&S Catalog No.

Stream Number #9

Date

Aerial Photo Number 8-1-80 15 779-39

Investigators Kluthe / Stewart

Section no.	MOUTH
Compass bearing	
Gradient	0
Water Width a. channel m	3'/5'
water	
floodplain	3'/5'
ave. depth	6"/1'
Gradient	
Upper Bank a. Left	
Right	
Pool/Riffle	10/90
Stream Bottom	
(a) Compactness:	
1 - compact 2 - moderate 3 - loose	
(b) Gravel Size:	
- boulders (>256mm, 10")	30%
- cobble (65-128mm, 2 1/2-10")	20%
- gravel (2-64mm)	30%
- sand/silt (<2mm)	
- organic muck	
- bedrock	20%

Comments adult pink salmon noted in I+2 ½ mouth tagged & flagged At I+2. approx. 100 ft good salmon spawn. Str #9 should be resurveyed if there are any future use such as roads & units.

Not surveyed to end of habitat.

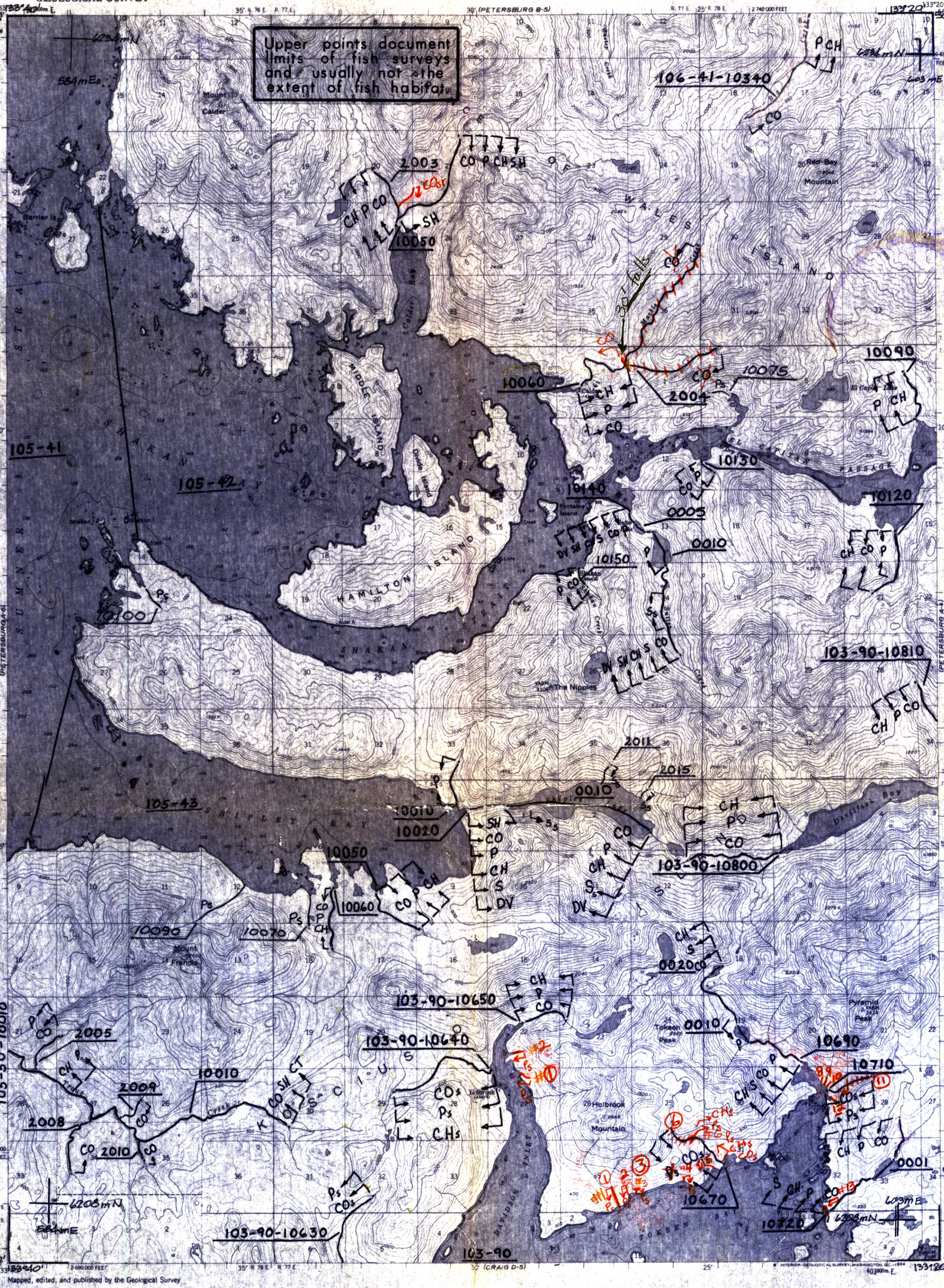
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FINAL

PETERSBURG (A-5) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)

84-352

Upper points document limits of fish surveys and usually not the extent of fish habitat.



Mapped, edited, and published by the Geological Survey

Control by USC&GS

Topography by photogrammetric methods from aerial photographs taken 1948. Field annotated 1949. Map not field checked

Selected hydrographic data compiled from USC&GS Charts 8120(1951), 8171 (1949), 8172 (1951), and 8201 (1951) (1:217,828 scale) This information is not intended for navigational purposes

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 8, shown in blue

Gray land lines represent unsurveyed and unmarked locations predetermined by the State of Alaska, Division of Lands Copper River Meridian

Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs

Entire land area is within the Tongass National Forest

Lake elevations are unchecked

APPROXIMATE MEAN DECLINATION, 1949

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 9 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA DENVER 25, COLORADO WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
No roads or trails in this area

QUADRANGLE LOCATION

PETERSBURG (A-5), ALASKA
N5600—W13320/15X20

1949
MINOR REVISIONS 1964

SCALE 1:63 360

MAP NO. A-5 OF 6

LEGEND

		Subscript
S	Sockeye Salmon	s- Known Spawning
K	King Salmon	r- Rearing
CO	Coho Salmon	* m-Migration
P	Pink Salmon	
CH	Chum Salmon	
SH	Steelhead Trout	
DV	Dolly Varden	
AC	Arctic Char	
SF	Sheefish	
W	Whitefish	
C	Cutthroat Trout	

*Migration upstream is assumed for stream reaches where anadromous fish occur.

COMP. DRC
DRAWN CB
REVISED DRC
APPROVED ERL
DATE 4-82
FILE NO.

SCALE 1" = 1 MILE 1 : 63,360

PROJ. TITLE
ANADROMOUS STREAM CATALOG
ANADROMOUS WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)

MAP TITLE
PETERSBURG A-5

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
habitat protection division
JUNEAU, ALASKA

BY	DATE
BB	3/83
REVISIONS	

DK 10/81

KF 6/2/81

MDUSES 9/16/81