1992
Year of Revision

92-752

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

ALASKA DEPT. OF FISH & GAME
DEC 24 1991
REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume SE ICY BAY 1-2 & 1-3

USGS Quad ~~BERING GLACIER A-1~~ (T22S., R21E., Sec. 23)

Name of Waterway TRIB TO BIG SANDY

Anadromous Water Catalog Number of Waterway 191-20-13400-2033-3040

Change to _____ Atlas
_____ Catalog
X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

For Office Use

Nomination # _____

Richard Reed — Regional Supervisor — 12/30/91 Date

Ed Weiss — 2/19/92

FI — Drafted — 2/14/92 Date

Species	Date(s) Observed	Spawning	Rearing	Migration
COHO	8/16/88; 10/16/91	X	X	

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

Milepost 10.55; Tributary to Big Sandy. Numerous adults seen during 10/16/91 foot survey. FRY NETTED '88.

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) DAVE HARDY / PHIL MOONEY

Date: 12/16/91 Signature: Phil Mooney / Dave Hardy

Address: State of Alaska
Department of Fish & Game
304 Lake Street, Room 103
Sitka, AK 99835-7563

Signature of Area Biologist: Dave Hardy

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

1991
Year of Revision

ALASKA DEPT. OF
FISH & GAME

DEC 23 1991

REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume _____

USGS Quad BERING GLACIER A-2 (T22S., R21E., Sec. 23)

Name of Waterway TRIB TO BIG SANDY

Anadromous Water Catalog Number of Waterway 191-20-

Change to _____ Atlas

_____ Catalog

X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

For Office Use

Nomination # 92 310

Regional Supervisor _____ Date _____

_____ _____

Drafted _____ Date _____

Species	Date(s) Observed	Spawning	Rearing	Migration
COHO	8/16/88; 10/16/91	X	X	

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

Milepost 10.55; Tributary to Big Sandy. Numerous adults seen during 10/16/91 foot survey. FRY NETTED 88.

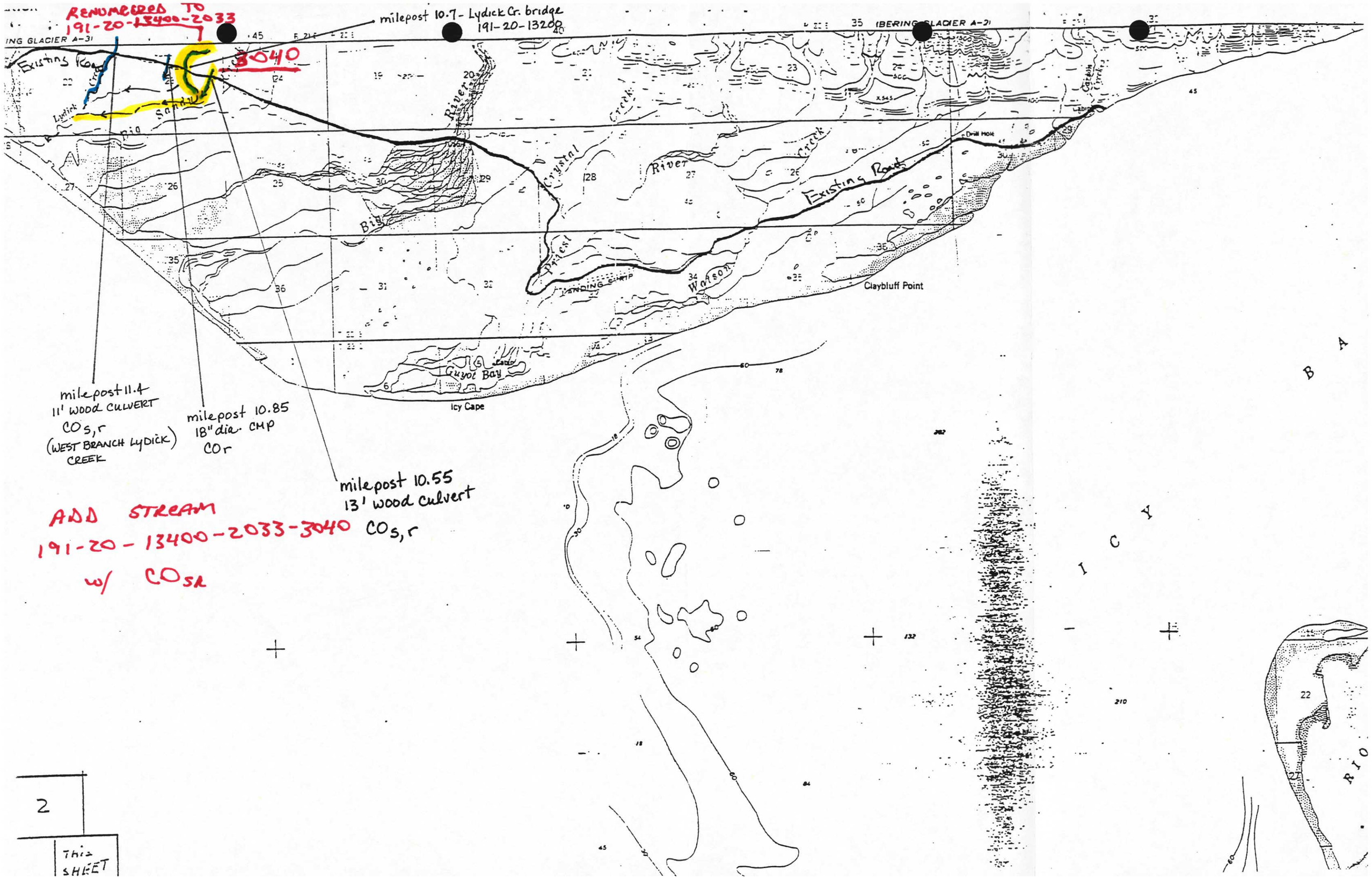
Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) DAVE HARDY / PHIL MOONEY

Date: 12/16/91 Signature: Phil Mooney Dave Hardy

Address: State of Alaska
Department of Fish & Game
304 Lake Street, Room 103
Sitka, AK 99835-7563

Signature of Area Biologist: Dave Hardy


RENUMBERED TO
191-20-13400-2033
3040
milepost 10.7 - Lydick Cr. bridge
191-20-13200
(BERING GLACIER A-2)
ING GLACIER A-3)
Existing Road
Lydick
Big Sandy
Big River
Crystal Creek
Priest River
Watson Creek
Existing Road
Drill Hole
Landing Strip
Claybluff Point
Guyot Bay
Icy Cape
milepost 11.4
11' wood culvert
COs,r
(WEST BRANCH LYDICK)
CREEK
milepost 10.85
18" dia. CMP
COr
milepost 10.55
13' wood culvert
COs,r
ADD STREAM
191-20-13400-2033-3040
w/ COsr
B
A
I
C
Y
RIO
2
THIS SHEET

ALASKA DEPT. OF
FISH & GAME

DEC 2 5 1991

HABITAT DIVISION

MEMORANDUM STATE OF ALASKA

DEPARTMENT OF FISH AND GAME
HABITAT DIVISION

TO: Ed Weiss
Habitat Division
Anchorage

DATE: December 17, 1991

FILE NO:

TELEPHONE NO: 747-5828

SUBJECT: Anadromous Waters; Nominations

FROM: Phil Mooney
Habitat Division
Sitka

Enclosed is the nomination/map package for the area from Carson Creek to Hamilton Creek along the Icy Bay road. You will find a smaller scale base map and a copy of the ground survey done on August 16, 1988 enclosed for clarification.

Please note that the primary importance of this particular documentation concerned the road drainage and bridge structures of the Icy Bay road in conjunction with the State timber sale. The use of the milepost markings helps to identify specific structures as well as their location and presence of anadromous fish.

We have tried to note the upper limits of fish where possible and on the larger streams these are more easily shown. The smaller culverts often have limited habitat for rearing fish above them. For this reason, if there is any question about the upper limits of fish, please consider the immediate area above the culvert as such.

The general area has three major combinations of streams into large interconnected 'swamps' below the road. These are 1) from Jetty Creek west to Claybuff Point, 2) Watson Creek west to Icy Cape, and 3) from Big River northwest to Davis Creek. The streams' ocean outlets have 'moved' considerable distance, in some cases, than as shown on the USGS maps. We have not had the time to update these or to further clarify tributaries. There is little doubt that these 'swamps' provide considerable rearing habitat and we hope to be conducting surveys in these areas in the future.

If you have any questions, please give us a call. We have forwarded a duplicate package to Rick Reed in an effort to get the nominations out for review as quickly as possible. Thanks for your help.

cc: Rick Reed
Dave Hardy

RECEIVED
AUG 22 1988
ADFG - SITKA

August 16, 1988

ALASKA DEPT. O
FISH & GAME
DEC 2 3 1991
REGION II
HABITAT DIVISIO

Bruce,

The following list of culvert types and locations was generated by a survey done on August 13+14, 1988. The milepost assigned to each drainage structure was determined by clocking the distance from each milepost, not cumulative distance from milepost 0.

Dave Hardy (from ADF+G) used either a dipnet or fry trap to capture salmon fry. Dave plans to nominate all newly discovered fish habitat for inclusion in the Anadromous Stream Catalog.

	Milepost	Type and Size	Anadromous	Remarks
	0.25	Carson Ck Bridge	Yes	Broken needle beam
	0.40	36" CMP	Yes	Good shape -(damaged upper side
	0.65	36" CMP	Yes	Good shape
	0.65	24" CMP	Yes	Good shape
	1.1	Twin 36" CMP	Yes	Scheduled for removal
not cataloged	1.1	60" CMP	Yes	Well bedded, <1%
	1.25	18" CMP	No	Ponds both sides of road high flow drainage to south
	2.6	11' wood culvert	No	Good shape but occassional fill loss between stringers. Flows at high water only
	3.1	18" CMP	No	Good shape. 4" gravel in pipe
186-15-10400	3.75	Watson Ck Bridge	Yes	Watson Cr. flows out to beach - not back to Priest River.
186-15-2005	4.3	18" CMP	Yes	Good shape. Half full of gravel - trib of Watson Cr.
	4.8	18" CMP	No	Relief at Camp Ck pond. Flow constricted - 90% crushed 10' from north end
not cataloged	4.81	Twin 36" CMP	Yes	Good shape trib of Watson - not Priest Rv.
now 48" cmp not cataloged	6.05	15' log culvert 48" culvert	Yes	Good shape. Occassional fill loss between stringers. Trib of Priest Rv.

		Milepost	Size and Type	Anadromous?	Remarks
	191-20-13800	6.15	Priest Rv. Bridge	Yes	
	not cataloged	6.8	22"+24" CMP Trib. of Priest Rv.	Yes	Mostly 24" CMP but with 55 gal barrel segment on north end. Fish below culvert but not above
		7.2	24" CMP	No	High flow relief
		7.25	9' wood culvert	No	High flows only. Both sills being undermined
		7.4	24" CMP	No	Good shape
	191-20-13600	7.85	East Big Rv. Bridge	Yes	
		8.5	4' Log Culvert	No	North end of sills sunk to ground level - flow restricted
		8.85	18" CMP	No	South end 90% crushed, needs extension both ends
		8.87	18" CMP	No	New this year
		9.0	18" CMP	No	New this year
		9.05	8' wood culvert	No	8-10" effective flow with 15" sills - filling with gravel
		9.1	24" CMP	No	Half full of gravel
not cataloged Coho 10 9/16/91 Fry - caught	24" CMP? (*)	9.25	18" CMP (24" CMP)	No yes	Half full of gravel most likely trib Little Sandy
		9.4	18" CMP	No	Good shape
not cataloged	(*9.8 in contract)	9.6	4' wood culvert	Yes	Scheduled for 24" CMP trib. of Little Sandy.
not cataloged	Little Sandy	9.7	19' wood culvert	Yes	Needs guard logs
not cataloged		9.8	48" CMP (~~Little Sandy~~)	Yes	Good shape, remove fill trib. of Little Sandy North end of CMP
		10.01	18" CMP	No	Good shape
	191-20-13400	10.2	Big Sandy Bridge	Yes	Scheduled for 40' steel brid
not cataloged		10.55	13' wood culvert trib. to Big Sandy	Yes	Scheduled for 30" CMP. This structure needs to be replaced soon.
191-20-13400-2033-13200	191-20-13200	10.7	Lydick Ck Bridge	Yes	E. branch of Lydick Cr. trib. of Lydick
not cataloged		10.85	18" CMP	Yes	Good shape
not cataloged		11.4	11' wood culvert	Yes	Has guard logs W. branch of Lydick Cr.

→ [illegible]

	MILEPOST	SIZE AND TYPE	ANADROMOUS?	REMARKS
not cataloged	11.6	36" CMP	YES	TRIB TO LYDICK CR. WELL BEDDED, NEW 8/4/88
not cataloged	11.95	24" CMP	YES	WELL BEDDED, NEW 8/3/88 TRIB TO LYDICK CR.
	12.15	18" CMP	NO	NEW THIS YEAR, GOOD SHAPE
191-20-13100	12.45	E. LITTLE RU BRIDGE	YES	NEW DECK THIS YEAR
191-20-13400-2004 ,3100 not cataloged	14.05	9' WOOD CULVERT	YES	GOOD SHAPE, 10-12' FILL SHIT CR.
	14.2	6' WOOD CULVERT	NO	OK BUT SILLS ARE SETTLING
	14.4	18" CMP	NO	NEW THIS YEAR
	14.5	*PLANNED 18" CMP	NO	NOT IN GROUND
191-20-13400-2009	14.75	EAST FORK DAVIS CK	YES	Log Culvert
191-20-13400-2007	14.95	WEST FORK DAVIS CK	YES	Log Culvert
	15.08	4' WOOD CULVERT	NO	RELIEF, GOOD SHAPE
not cataloged	15.18	22" 55 gal BARREL CULVERT	YES	HALF FULL OF GRAVEL, ROTTING OUT, RESTRICTED FLOW, FRY BELOW CULVERT, NOT ABOVE *REPLACE
	15.3	3' WOOD CULVERT	NO	GOOD SHAPE
	15.5	4' WOOD CULVERT	NO	GOOD SHAPE
	15.68	22" 55 gal BARREL CULVERT	NO	ROTTING OUT, REPLACE
	16.0	EAST JOHNSTON CK BRIDGE	NO	
not cataloged	16.4	ROSE CK, WOOD CULVERT	YES	WILL BE SCHEDULED FOR REPLACEMENT WITH CMP
	17.1	E. MURDAY CK BRIDGE	NO	
	17.9	18" CMP	NO	GOOD SHAPE. NEEDS DITCHING
	18.1	18" CMP	NO	GOOD SHAPE. NEEDS DITCHING
	18.25	18" CMP	NO	REPLACE, NORTH END DESTROYED BY GRADER
	18.3	18" CMP	NO	GOOD SHAPE, NEEDS DITCHING
	18.35	24" CMP	NO	GOOD SHAPE. SLIGHT DAMAGE NORTH END
not cataloged	18.55	36" CMP	YES	SCHEDULED FOR UPGRADE TO 48" CMP
	18.6	18" CMP	NO	GOOD SHAPE
	18.75	18" CMP	NO	GOOD SHAPE
	19.0	18" CMP	NO	GOOD SHAPE

MILEPOST	SIZE AND TYPE	ANOMOLOUS?	REMARKS
19.2	POUL CK BRIDGE	NO	
19.3	18" CMP	NO	GOOD SHAPE
19.5	18" CMP	NO	GOOD SHAPE
19.65	18" CMP	NO	EXCAVATE SOUTH END AND CUT OFF CRUSHED END
19.75	18" CMP	NO	GOOD SHAPE
19.85 ?	36" CMP	NO	SLIGHT DAMAGE NORTH EL BUT FLOW UNRESTRICTED
20.05	24" CMP	NO	GOOD SHAPE
20.1	48" CMP	NO	GOOD SHAPE. "HIGH RISE"

WHEN MEASURING THE WIDTH OF THE WOODEN CULVERTS, ALL MEASUREMENTS ARE MID-SILL TO MID-SILL.

CHRIS FOLEY
8/16/88

cc ROGER SULLIVAN
DAVE HARDY