



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

mpg JB

Region Arctic-Yukon-Kuskokwim **AKC** USGS Quad(s) Solomon 06, C5, C6

AWC Number of Water Body 333-10 - 11700 (Solomon R) - 2001

Name of Water body Safety Sound & Bonanza Channel USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>180185</u>	<u>James J. Hashbuck</u>	<u>10/19/2018</u>
Revision Year:	<u>2019</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>Ron Benkert</u>	<u>10/19/18</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>A-2, C-7, C-9</u>	<u>JL</u>	<u>10 Sept 18</u>
		AWC Project Biologist	Date
		<u>W. Miller</u>	<u>11/7/18</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook	<u>2003, 2005, 2007, 2009, 2018</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chum	<u>2003, 2005, 2007, 2009, 2016, 2018</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sockeye	<u>2003, 2005, 2007, 2009, 2018</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coho	<u>2003, 2005, 2007, 2009, 2016, 2018</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pinkies	<u>2003, 2005, 2007, 2009, 2016, 2018</u>			<input checked="" 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 Four rivers, Bonanza, Eldorado, Flambeau and Solomon, are in the Safety Sound & Bonanza Channel drainage. Fish pass through the drainage to reach the rivers. All salmon species were observed at 3 of the rivers that have salmon counting weirs; Bonanza, Eldorado and Solomon. Also, this biologist has observed all salmon species while conducting aerial surveys in Bonanza (2009), Eldorado (2003) Flambeau (2007) and Solomon (2005). Gill net was observed in Bonanza Channel in 2016 with pink, chum and coho salmon by Area Manager.

Name of Observer (please print): Jim Menard

Signature: Jim Menard Date: 9/6/18

Agency: ADF&G - Comm Fish

Address: 103 E. Front St.

Nome, AK 99762-0295

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 Anadromous Waters Catalog.

Signature of Area Biologist: Jim Menard Date: 9/6/18 ALASKA DEPT. OF FISH & GAME

Name of Area Biologist (please print): Jim Menard Revised SEP 07 2018

Add new Creek 333-10-11700-2001 w/ Chum salmon and pink salmon spawning and coho salmon and toly Varden present.

Reuse hydrography for 333-10-11700

Johnson, J D (DFG)

From: Menard, James A (DFG)
Sent: Friday, September 07, 2018 9:35 AM
To: Johnson, J D (DFG)
Subject: RE: Nomination for Safety Sound and Bonanza Channel

Hi J

I want to nominate Safety Sound and Bonanza Channel for the AWC.

Solomon River is in the AWC and empties into Norton Sound. Before Solomon River empties into Norton Sound the Bonanza Channel connects with Solomon River.

Bonanza River is in the AWC and empties into Bonanza Channel. Fish can enter Bonanza Channel from the Solomon River or from Safety Sound and its outlet to Norton Sound several miles to the west. People will set nets by the Bonanza Channel bridge because a boat is not needed and they can walk out with waders or some get creative and drop the outer end off the bridge.

Eldorado River is considered a tributary of the Flambeau River and Flambeau River empties into Safety Sound. Both rivers are in the AWC. Several miles to the east from the mouth of Flambeau River is the outlet from Safety Sound to Norton Sound.

In 2003 LGL and Norton Sound Economic Development Corporation (NSEDC) did a study using fyke net at the outlet of Safety Sound near the Safety Sound bridge and in 2004 there were three fyke nets used that included one fyke net at the Safety Sound bridge and two near the outlet of the Flambeau River. LGL and NSEDC reported catch from the 2003 fyke net of salmonids was juvenile chum, coho, and pink salmon, Dolly Varden and unidentified salmonids (An ecological comparison of juvenile chum salmon from two watersheds in Norton Sound, Alaska: migration, diet, estuarine habitat, and fish community assemblage. Final report from the 2003 and 2004 field seasons for the Norton Sound Disaster Relief Fund. January 2006).

A 2002 study by LGL and NESEDC (Ecology of juvenile chum salmon from Norton Sound, Alaska. Annual report for the Norton Sound Disaster Relief Fund. October 2003.) also reported the same species caught as in 2003 and 2004, but included reported juvenile sockeye and king salmon caught in a fyke net in Safety Sound closer to the Flambeau River outlet.

Let know if you need further information.

Jim

From: Johnson, J D (DFG)
Sent: Friday, September 7, 2018 6:58 AM
To: Menard, James A (DFG) <jim.menard@alaska.gov>
Subject: RE: Nomination for Safety Sound and Bonanza Channel

Jim

J is fine

Since your nom submission involves 4 water bodies, I've make 4 copies, each w/its own nom number.
For each water body I need specific upper extent observation data.
That can be coordinates or "X" on the map
If you can mark up the attached and return to me that would be great, coordinates work too.
Otherwise I can give ya a call and you can provide info directly.
Whichever works best for you.
Attached are 2 maps which displays current AWC documentation by water body
Let me know if you need something more detailed
regards

J. Johnson
AWC/AFFI Project Biologist
907-267-2337

From: Menard, James A (DFG)
Sent: Thursday, September 06, 2018 3:11 PM
To: Johnson, J D (DFG) <j.johnson@alaska.gov>
Subject: Nomination for Safety Sound and Bonanza Channel

Hi J.D.

I attached a nomination form for Safety Sound and Bonanza Channel that salmon must pass through on their way to the rivers to spawn and the fry and smolt must pass through on their outmigration to the ocean.

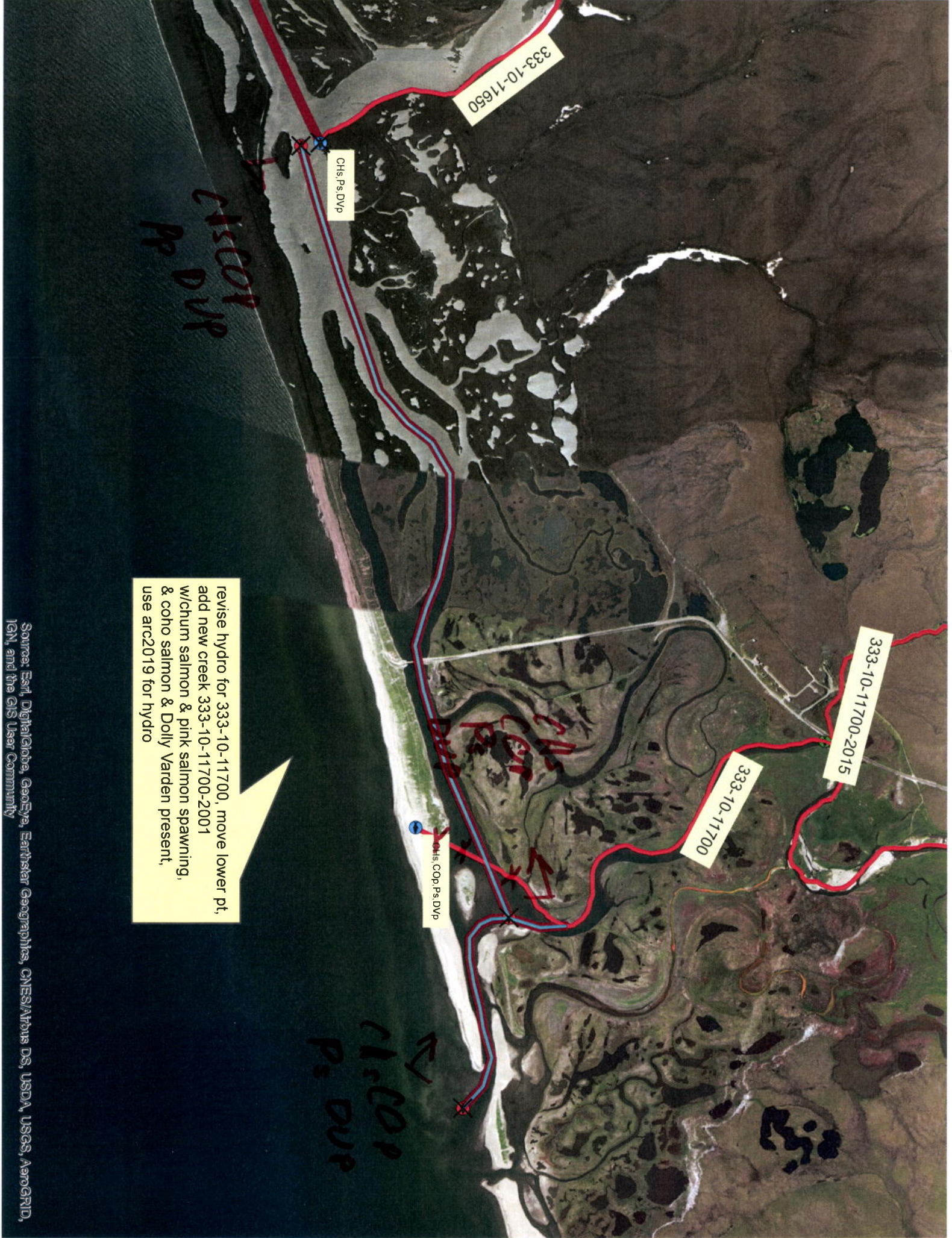
I know LGL did a study in the early 2000s with fyke nets and captured fry near the Safety Sound bridge that is the outlet to the ocean.

Let me know if I needed to do more for the nomination.

Thanks.

Jim

From: [Bizhub Nome@alaska.gov](mailto:Bizhub_Nome@alaska.gov) <[Bizhub Nome@alaska.gov](mailto:Bizhub_Nome@alaska.gov)>
Sent: Thursday, September 6, 2018 4:02 PM
To: Menard, James A (DFG) <jim.menard@alaska.gov>
Subject: Message from DFG Nome Bizhub C360



333-10-11650

CHS, Ps, DVP

CISCO P. DVP

333-10-11700-2015

333-10-11700

CHS, COP, Ps, DVP

revise hydro for 333-10-11700, move lower pt, add new creek 333-10-11700-2001 w/chum salmon & pink salmon spawning, & coho salmon & Dolly Varden present, use arc2019 for hydro

CISCO P. DVP