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

Nomination Form
Anadromous Waters Catalog

Region: Interior

USGS Quad(s): ~~Shungnak A-3, A-2, Kateel D-2~~ A-4, A-3

Anadromous Waters Catalog Number of Waterway: 334-40-11000-2125-3171-4351-5045

Name of Waterway: Hustia R, Billy hawk Cr

[X] USGS Name [ ] Local Name

[X] Addition [ ] Deletion [ ] Correction [ ] Backup Information

For Office Use

Nomination #: 150130

Revision Year: 2016

Revision to: Atlas ____ Catalog ____ Both X

Revision Code: A-1

James J Hasbrouck	Fisheries Scientist	5/8/2015 Date
	Habitat Operations Manager	5/8/15 Date
	AWC Project Biologist	5/11/15 Date
	Cartographer	5/13/15 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
CH	7-27 through 8-9-2014	22			X

ref nom #
15-533
15-103
-104
-105
-106
-107

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:

Radio tracked 22 fish to Billy hawk creek. Two more still in Hustia R below Billy Hawk Cr. Species was Chum Salmon. Adults. This equated to 25% of our radio tags returning to this drainage.

~~upstream~~ ext: 66.12528, -157.575527 Extend Creek u/ Chum salmon spawning

Fish throughout Billy hawk Drainage - see attatched map.

ref nom # 15-533

Name of Observer (please print): Frank Harris

Signature: Frank Harris

Date: 3-9-15

Agency: U.S. Fish + Wildlife Service

Address: PO Box 287

Galena, AK 99741

ALASKA DEPT. OF FISH & GAME
MAR 10 2015

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: _____ Date: _____

02/08 Revision

Location	Date	Radio_Frec	Radio_Tag	Lat	Long
billy hawk	8/6/2014	162.224	2	66.07397	-156.708
billy hawk	8/6/2014	162.184	3	66.10132	-156.69
billy hawk	8/12/2014	162.123	1	66.06524	-157.253
billy hawk	8/6/2014	162.123	2	66.07023	-156.77
billy hawk	8/12/2014	162.173	2	66.07173	-156.73
billy hawk	8/6/2014	162.333	6	66.12627	-157.18
billy hawk	8/6/2014	162.173	13	66.11132	-157.281
billy hawk	8/12/2014	162.173	15	66.08285	-157.46
Huslia R.	8/12/2014	162.224	19	65.93727	-156.575
billy hawk	8/12/2014	162.133	17	66.06849	-156.844
billy hawk	8/12/2014	162.574	19	66.06933	-156.761
billy hawk	8/12/2014	162.133	21	66.10351	-157.153
billy hawk	8/12/2014	162.123	19	65.96404	-156.712
billy hawk	8/6/2014	162.234	19	66.10756	-157.539
billy hawk	8/12/2014	162.133	22	66.10646	-157.098
billy hawk	8/12/2014	162.333	27	66.07383	-156.702
billy hawk	8/12/2014	162.333	28	66.12685	-157.176
billy hawk	8/12/2014	162.333	29	66.07026	-156.775
Huslia R.	8/12/2014	162.234	23	65.78609	-156.671
billy hawk	8/12/2014	162.184	27	66.06882	-156.742
billy hawk	8/12/2014	162.333	75	66.10971	-156.694
billy hawk	8/6/2014	162.234	27	66.1463	-157.326
billy hawk	8/6/2014	162.224	29	66.07374	-156.712
billy hawk	8/12/2014	162.173	30	66.12528	-157.576

start upper Dulbi

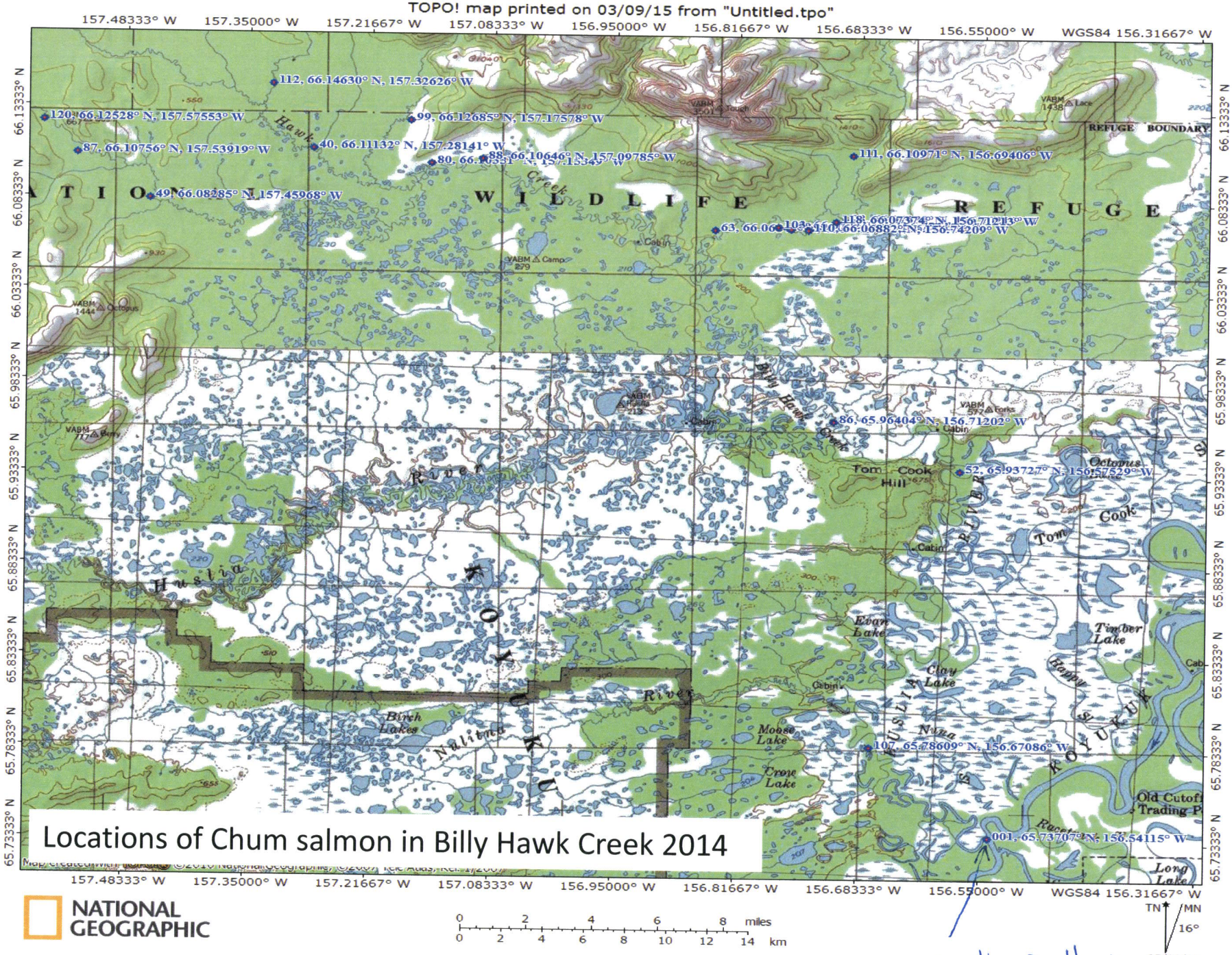
17:20 Kateel

2014 Koyukuk River Chum Salmon

Date: 8-6-14 Pilot: Mallecks Observer: Harris

Frequncy	Tag ID #	WPT #	Appox location	Comments
173	24		m Dulb. ↑	Mort
133	06	1084	↓ Dulb	Mort
184	23			
133	29		Kateel	Mort
574	19		Billy hawk	Mort
123	19		~~Huslia R.~~ ! Billyhaw	
233	27		Billyhawk	
173	13			
224	2		Billy hawk	
184	17?			
133	~~17~~ 22		Billy hawk	
133	21		Billy hawk	
173	20		Trio to Billy	
~~122~~	~~21~~		~~Billy hawk~~	
234	27		Billy hawk	
234	19		Billy hawk	
177	15		Billy hawk	
123	1		Billy hawk	
333	06			B
333	28			
184	3		Billyhawk	15
184	27		Billy hawk	
133	17		Billyhawk	
333	29		Billyhawk	
123	2			
224 173	2		Billyhawk	
~~184~~	29		Billyhawk	??
333	75			
133	17		billyhawk	
224	19		Huslia R	
234	23		Mort huslia R	
133	24		Mouth Huslia R	
123	08		Kov ↑ Huslia V	
574	1		Mort	
133	24		↓ Hus R	
574	18		↓ Hus V	mort
333	20		↑ Dulbi	

24? Billyhawk?



Locations of Chum salmon in Billy Hawk Creek 2014

First 23 digits of waypoint is a location Id

Mouth of Husia River

D Hawk
65.94399 156.67453

A -Y - K SALMON ESCAPEMENT OBSERVATIONS

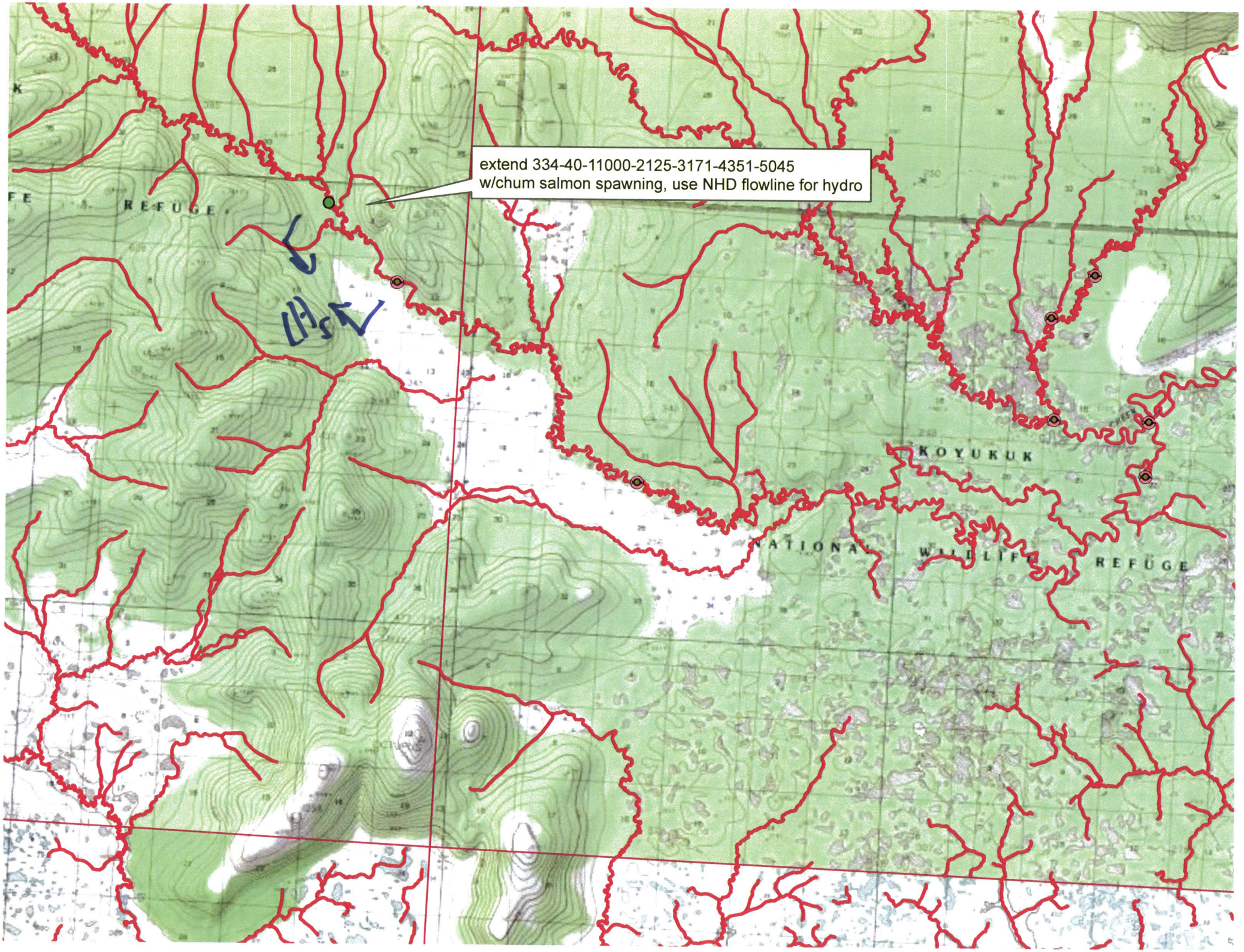
Latitude (North)	Longitude (West)	Month - Day - Year	Stream/River Name	Drainage
65.94397	156.67767	7-27-11	Billy Hawk Cr.	Kayuknk

Index Areas	Live Kings	King Carcass	King Redds	Live Chum	Chum Carcass	Live Pink	Pink Carcass	Live Sockeye	Sockeye Carcass	Live Coho	Coho Carcass
Total	6	0	0	14	8	0	6	0	0	0	0
101											
102											
103											
104											
105											
106											
107											
108											
109											
110											
111											
112											

Observer (Initials)	Survey Method	Wind	Weather	Water	Visibility	Bottom	Time	Distance Surveyed	Spawn Stage	Rating	Observing Agency
FH	1F	1	2	3	2	3	1		2	2	USFWS

start - 653 - 65.94397 156.67767
stop - 656 - 66.87221 156.94340
fish - 654 65.97177 156.73677
fish - 655 66.05730 156.89878

Observers: Harris
Pilot: Olson


extend 334-40-11000-2125-3171-4351-5045
w/chum salmon spawning, use NHD flowline for hydro
REFUGE
KOYUKUK
NATIONAL
WILDLIFE
REFUGE