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

83-678

[X] Addition [ ] Deletion

Name of Waterbody (if known): THOMS LAKE SYSTEM 107-30-030

Location: SOUTHEASTERN SECTION OF WRANGELL ISLAND
ZIMOVIA STRAIT, SOUTHEAST ALASKA

Anadromous Waters Catalog Volume and Number SOUTHEAST REGION REVISED APR 1982

USGS 1:63,360 Quadrangle PETERSBURG A-1

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

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
SOCKEYE	3 SEPT, 21 SEPT 1982	SPAWNING

Comments: Please provide any clarifying information in addition to identification on Anadromous Waters Catalog Public Review Maps.

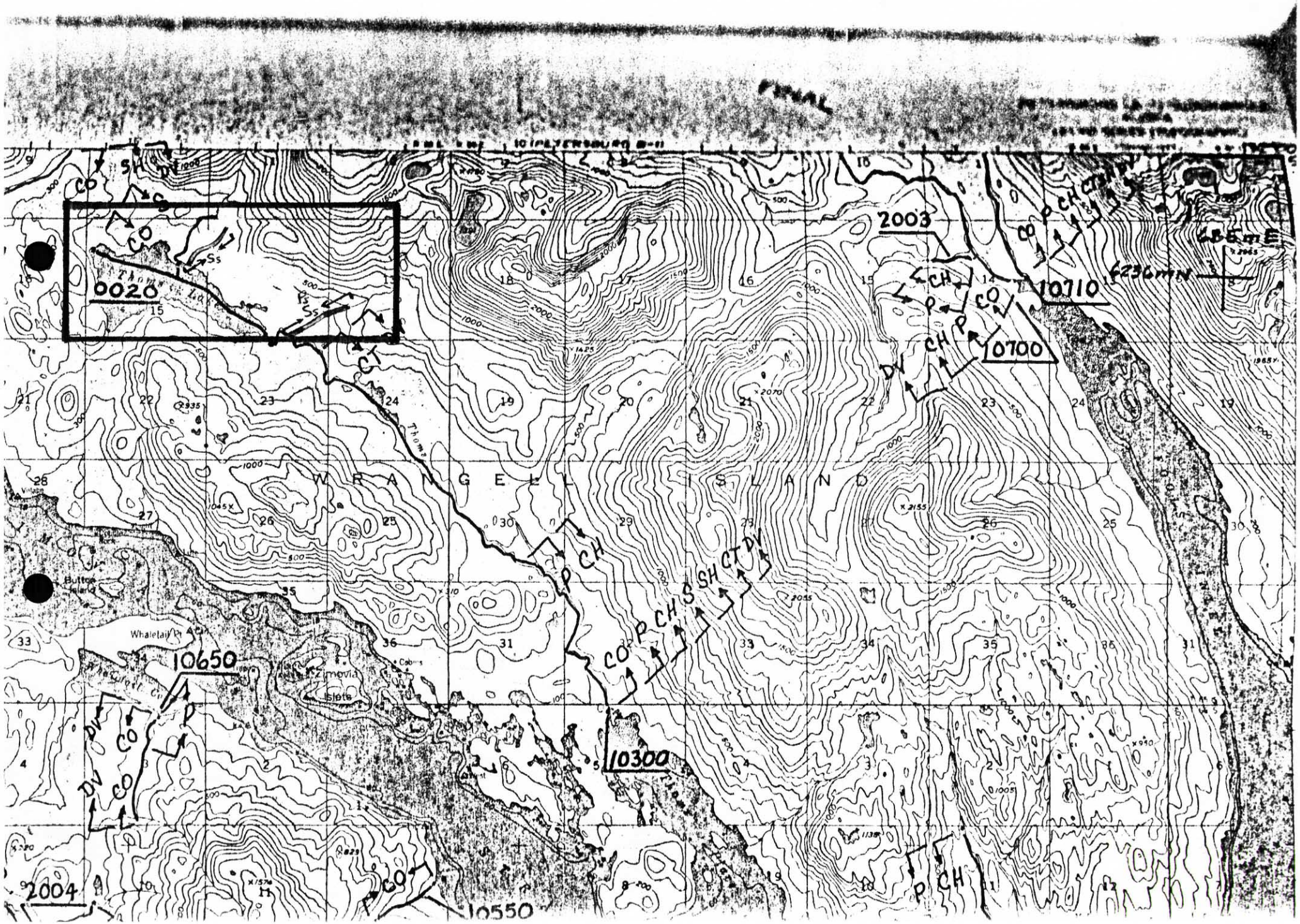
FOOT SURVEY OF THOMS LAKE AND ITS INLET STREAMS.

Name of Observer (please print) CHET MATSON, DON MORTENSEN, JOE ORSI, JOHN EILER

Date: 6 JAN 1983 Signature: John H Eiler
FISHERIES BIOLOGIST, NMFS

Stephen H. Hoffman ADF&G

Drafted Jew 2/83



FINAL
0020
2003
10710
10700
10650
10300
10550
2004
W R A N G E L L I S L A N D
Zimovia Islets
Whaletail Pt
Button Island
CO
SH
DV
CT
P
CH
S
Ss

SOCKEYE SYSTEM SURVEY FORM
U.S. / CANADA RESEARCH

System Name THOMS LAKE Date 9/21/82
Stream Catalog No. 107-30-030 Geodetic Map No. PETERSBURG A-1
Stream Location(s) EAST CREEK
LITTLE EAST CREEK
SOUTHEAST CREEK
THOMS LAKE SHORELINE

System Section	Distance Surveyed	Species	Stream Live	Stream Dead	Obs. Secondary Tags (note letters also) Live Fish	Obs. Secondary Tags Dead Fish	Rec. Primary Tags Live Fish	Rec. Primary Tags Dead Fish
EAST	0.75 MI	SOCKEYE	3	1770		1		
LITTLE EAST	0.3 MI	"	12	304		2		
S.E. CR.	0.7 MI	"		30				
Totals	1.75 MI		15	2104		3		

Primary Tags Observed 1 RECOVERED OFF SKELETON Species PINK

Water Level Low ✓ Normal___ High___ Water Visibility Fair ✓ Normal___ Poor___

Fish Migration Barrier(s) STREAMS EVENTUALLY BECOME STEEP WITH MOSS COVERED BOULDERS, UNSUITABLE SPAWNING HABITAT.

Spawning Density Low ✓ Normal___ High___

Comments(stream obstrucions, characteristics, etc.) SURVEY CONDUCTED TOO LATE TO PROVIDE MUCH INFORMATION. TOO LONG SINCE PEAK OF SPAWNING; MOST DEAD FISH BADLY DECAYED POSSIBLE THAT MANY MISSED.

LITTLE EAST CREEK NOT SURVEYED ON 3 SEPT. EXCELLENT SPAWNING HABITAT WITH FAIR SIZED ESCAPEMENT. ~ 300 M. IN LENGTH.

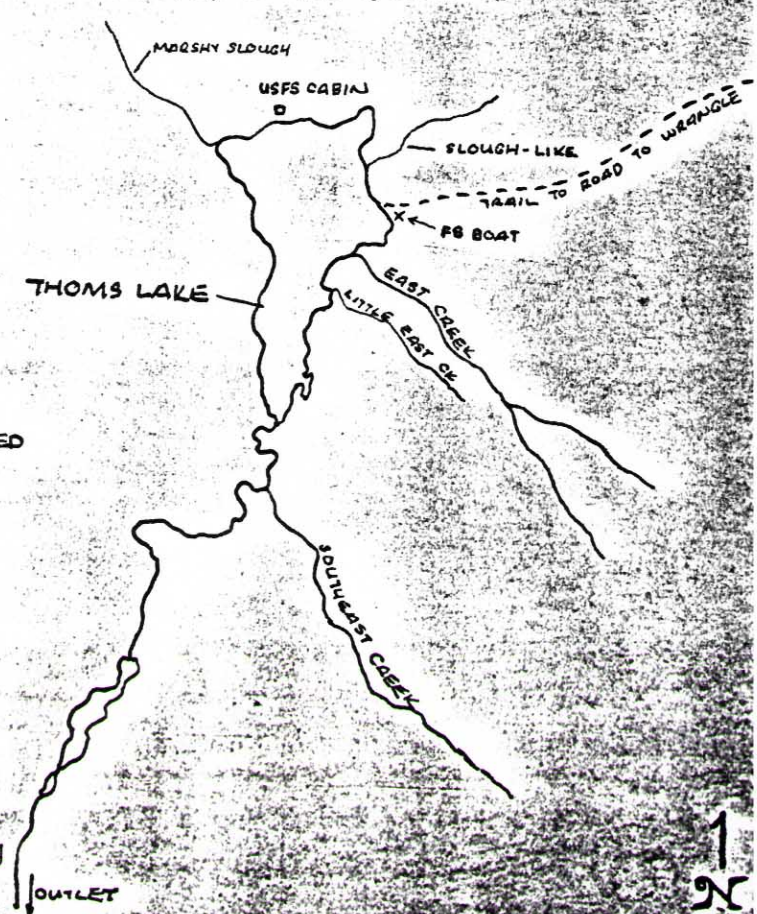
NO SHORELINE SPAWNING OBSERVED

MARSHY SLOUGH IN N.W. CORNER OF LAKE NOT SUITABLE FOR SPAWNERS. NO FLOW OBSERVED AT TIME OF SURVEY.

THE 12 LIVE FISH IN LITTLE EAST CREEK WERE ALL JACKS OBSERVED AT THE MOUTH OF THE CREEK, AND WERE IN RELATIVELY GOOD SHAPE. THE 3 LIVE SOCKEYE IN EAST CREEK WERE ADULTS IN POOR CONDITION.

FLEW INTO LAKE VIA ALASKA ISLAND AIR BEAVER OUT OF PETERSBURG.

If Applicable Draw a Small Map of the System



If any tags were recovered please note the tag numbers and species on the back of this form

SURVEYED BY MATTSON MURTOCH, MORTENSEN & EILER

1
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