

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

85-369

OK
R. Reed
Reg Sup.
3/11/85
TB 10-9-85
ok SSS 10/23/85

☒ Addition

☐ Deletion

Name of Waterbody (if known): Thorne River - Control Lk. Fr.

Location: PRINCE OF WALES ISLAND CC. PA. NAUK. (TNB)

Anadromous Waters Catalog Volume and Number 102-70-10580-3013

USGS 1:63,360 Quadrangle CRAIG (C-3) NW -2035-3013-4007

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

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)
<u>Co</u>	<u>5-16-84</u>	<u>Spn/rear</u>
		ALASKA DEPT. OF FISH & GAME

MAR 14 1985

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

EXTEND UPPER LIMIT AS DESIGNATED ON MAP AND REPORT.

Name of Observer (please print)

RON MEDEL FISHERIES TECH *RM*
BOB METZGER FISHERIES BIOL

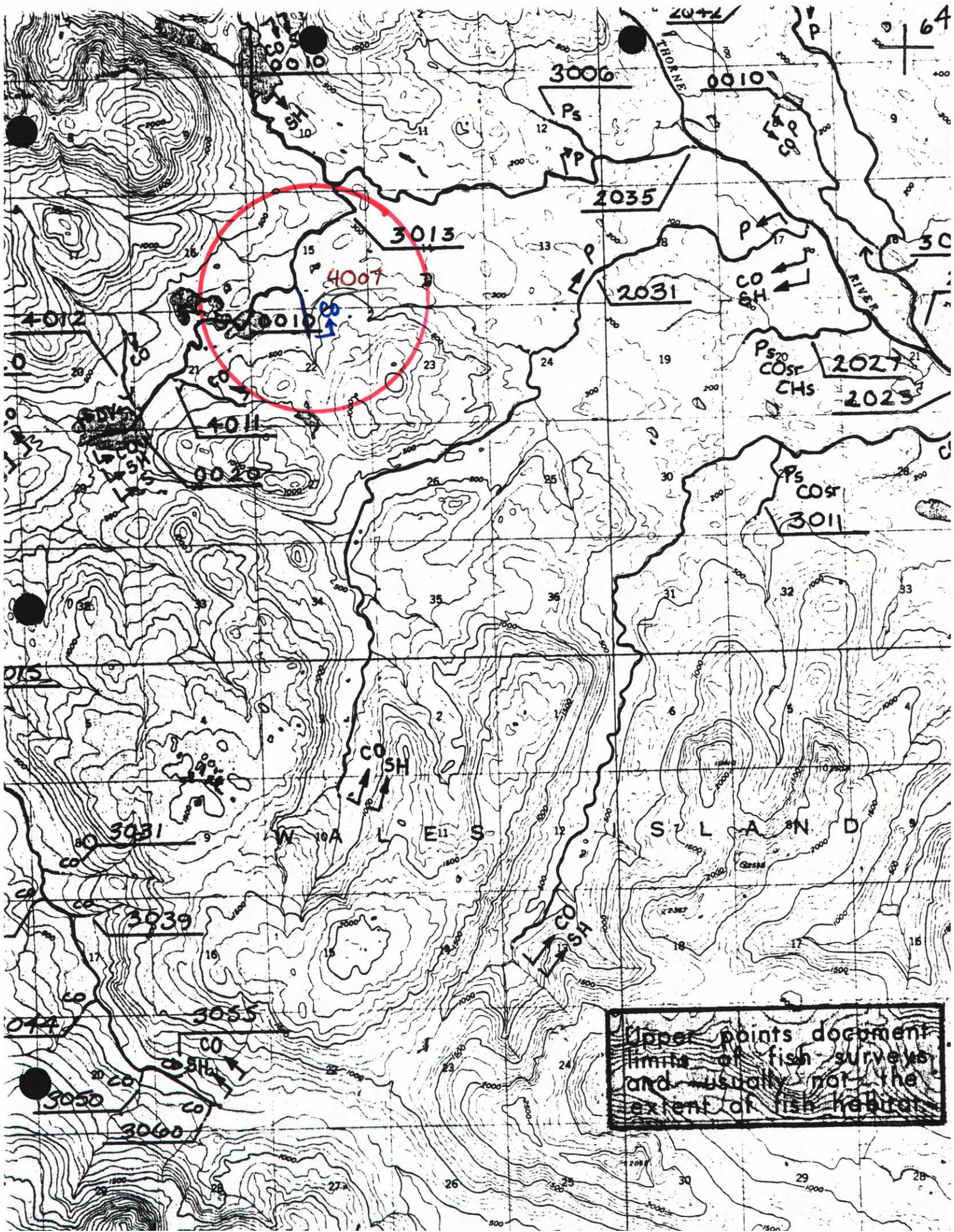
Date:

12-24-84

Signature:

Bob Metzger

THORNE BAY RANGER DISTRICT
P.O. BOX 350
KETCHIKAN, ALASKA, 99901



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

STREAM SURVEY REPORT

Date: 5-16-84

V.C.U.: 596

Camp: Thorne Bay

Unit: 596-24 (63 acres)

ADFG #: 02-70-10580-2035-3013

Road: 3010 (p-line)

Quad Map: CRAIG C-3 NW

T 71S R 82E Sect 22

Air Photo No.: 12 33 379-179

TYPE OF HABITAT

Class I - Anadromous
Class II - Resident
Class III - Water Quality

Stream Numbers

1
1
1

Streams Flagged: BLUE/WHITE ORANGE/WHITE GREEN/WHITE

Streams marked with metal tags: Road Unit X

Temperature Sensitive: YES NO X

Is future fish habitat enhancement possible? YES NO X

If so, describe:

Survey Crew Members:

Ron Medel

Russ Stewart

Russell a. Stewart Jr

Report Reviewed By:

A.L. Metzger
SignatureFish Biol
Title7/10/84
Date

Recommendations:

See attached sheets for specific prescriptions.
Note that upper portion of stream 1 was flagged
o/w but requires only water quality / non sports
resident protection.

Stream 1, cont

Coho fry were trapped 400 ft. below unit boundary and were observed in the first 200 ft. of the stream within the unit (13 1/2" fry). Streambanks are low (<1') and soil/mud. Some recent cutting observed, with high flow scouring also evident. Substrate is mostly loose rock and gravel. LOD is of low frequency and does not contribute pools or shelter. Most is very old and decayed with no rootwads remaining, and becomes common only above 300 ft.

2+80 Rearing habitat becoming limited (pools decreasing in size and frequency). No coho observed in last 80 ft.

3+00 End B & W flagging. Gravel quality fair, but also becoming limited. Stream gradient 3%. Some recent LOD blowdown, leave status rec.. Begin O & W flagging.

4+00 Two 3" cutts sighted. Streamflow generally shallow riffle. Gradient >4%.

6+60 LOD frequency now 5+/100 ft., 50% with rootwads attached. Most is old with fill gravels above, pool below. Size is generally small, 6-14" dia. Gravels now angular, and channel is braiding 15'/100'.

7+24 30" spruce, leaner on streambank. V-notch beginning to develop.

7+34 36" leaner spruce (3% lean).

10+20 Blowdown spruce, 30" dia, parallel to stream, Take.

11+30 Stream intermittent. Gradient >6% and increasing. Much LOD/blowdown debris (>10/100'). End O & W.

