103-40-71

113-13 K 155
55°16.2' N. 132°29' W. Previous No. 137

KETCHIKAN, CLARENCE STRAIT, CHOLMONDELEY SOUND, WEST ARM, Head

MAJOR SPECIES Pink, chum OTHER SPECIES Coho
ESCAPEMENT TIMING Late. Sept.-Oct. ESCAPEMENT MAGNITUDE
SPAWNING FACILITIES Good to excellent.
STREAM TEMPERATURES Warm range (Observed temperatures: 46° F., 9/6/53; 45° F., 9/20/53).
VALLEY DESCRIPTION Stream-cut. The valley runs in a N.-S. direction. One mile upstream the valley walls rise sharply away from the stream. Extensive outcropping on the ridge to the W.
DRAINAGE 4.5 square miles (polar planimeter). Precipitation fed. Snowfields encompass the upper end of the valley, contributing snowmelt at certain times of the year. Surface runoff probably also contributes.
STREAM MOUTH IDENTIFICATION Enters the head of the West Arm from the S. side. This stream and K 155A enter a large tide flat; K 155 enters the S.E. corner.
ANCHORAGE Refer to K 154.
TRAILS AND SURVEY ROUTES Relatively easy to travel up either bank.
AERIAL SURVEY NOTES Fly up the W. side of the stream and swing back down the valley.

INTERTIDAL ZONE

LENGTH 0.5 mile AVERAGE WIDTH/DEPTH
GRADIENT AND VELOCITIES
BOTTOM Gravel.
LOW TIDE LOCATION
HIGH TIDE LOCATION
SCHOOLING AREAS
SPAWNING AREAS Spawning is limited in this zone.
GENERAL NOTES

UPSTREAM

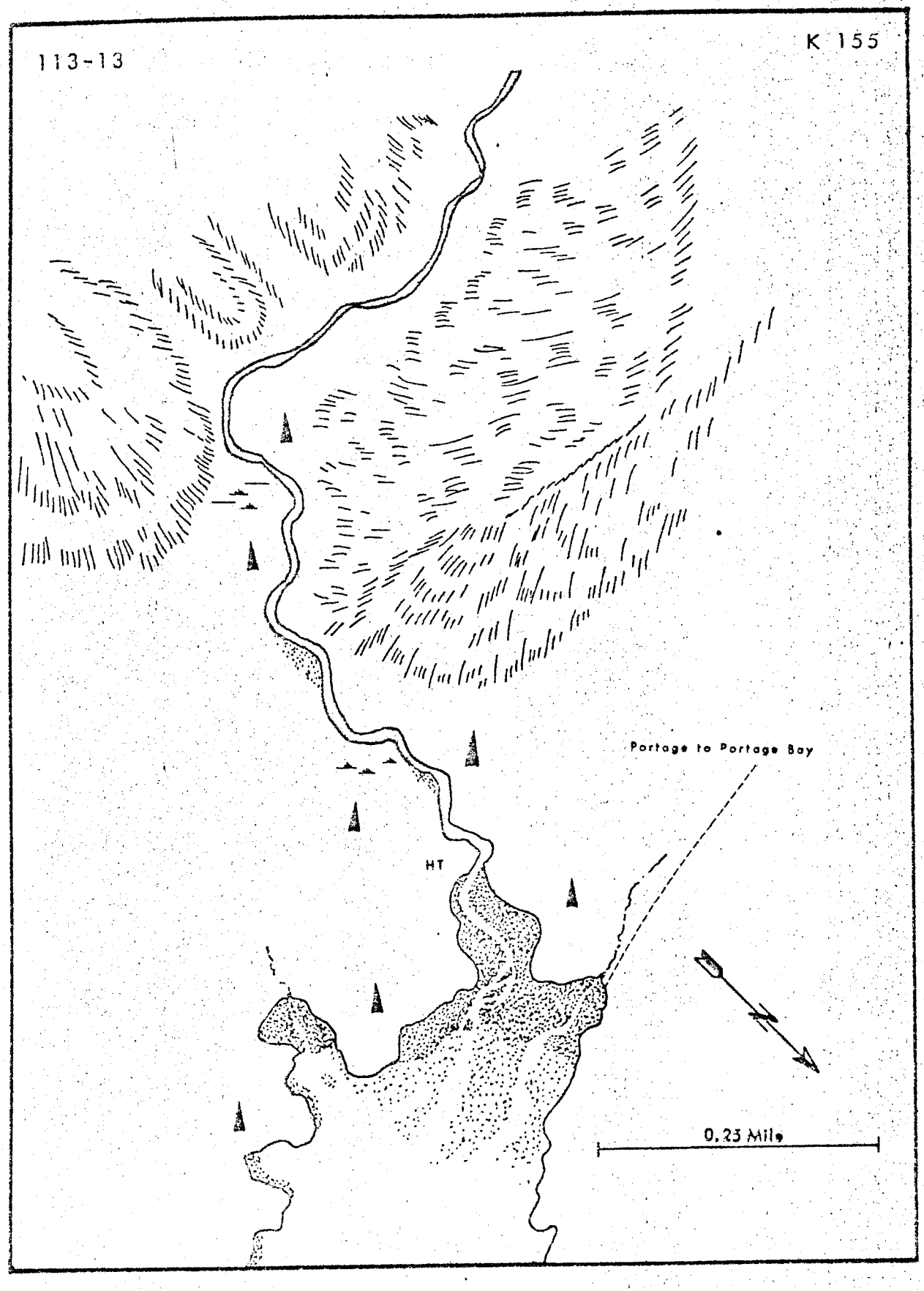
LENGTH ACCESSIBLE AVERAGE WIDTH/DEPTH 20'-30'/12"-16"
GRADIENT AND VELOCITIES Moderate
BOTTOM Gravel and small boulders.
MARKER DISTANCE 0.8 mile
MARKER IDENTIFICATION
BARRIERS
TRIBUTARIES
SCHOOLING AREAS Numerous large pools.
SPAWNING AREAS Reported to be an excellent spawning stream with numerous gravel riffles.
GENERAL NOTES

K 155
Previous No. 137

ESCAPEMENT RECORD

[Counts made by ground surveys are designated by G. Aerial surveys by A]

Date	SURVEYED Miles	By	PINK Live	PINK Dead	CHUM Live	CHUM Dead	OTHER SPECIES Live	REMARKS Adjective rating
1946								
Oct 5	G 1.3	FWS	8,000		5,000			Fair. 2,000 fish at mouth
1947								
Oct 3	G 1.0	FWS	45,000		35,000			Excellent. 20,000 fish at mouth
1948								
Sep 29	G 1.0	FWS	2,300		9,500			Good. 15,000 fish at mouth
1952								
Sep 11	G 0.4	FWS						No fish present
1953								
Sep 6	G 0.5	FRI	1	0	0	0		250 chum, 40 coho off mouth
Sep 19	G 0.8	FWS	150		600			3,000-4,000 fish working to stream
Sep 20	G 0.5	FRI	160	0	970	0		Chum fresh. Visibility 100%
Oct 7	G 1.0	FWS	9	1	1,100	214		200 chum at mouth
1954								
Sep 28	A 0.8	FRI			1,500			Few 100 at mouth. Visibility not good
1956								
Sep 2		FWS						150,000 pink at mouth
Sep 29	A 0.3	FRI	8,000					Chum present
1957								
Sep 17		FWS	300		800			
Sep 29		FWS			6,000			Poor
Oct 19		FWS						200 chum at mouth
1959								
Sep 20	A	ADF&G	0		2,500			None at mouth
1960								
Sep 20	G 0.5	ADF&G	30		90			None at mouth
1961								
Aug 18	A	ADF&G						200 at mouth
Sep 1	A	ADF&G						50 at mouth
Oct 11	G 0.5	ADF&G	200		800			


113-13
K 155
Portage to Portage Bay
HT
0.25 Mile