

Testing Set Beach Seines in Upper Cook Inlet

ADFG Commissioner's
UCI Permit 2024-01

March 11-16, 2025

Presented to the Alaska
Board of Fisheries
RC 5

By Brian and Lisa Gabriel
Travis and Amber Every
Jason and Sarah Hudkins
Robert Begich



Stipulations of the permit

Days

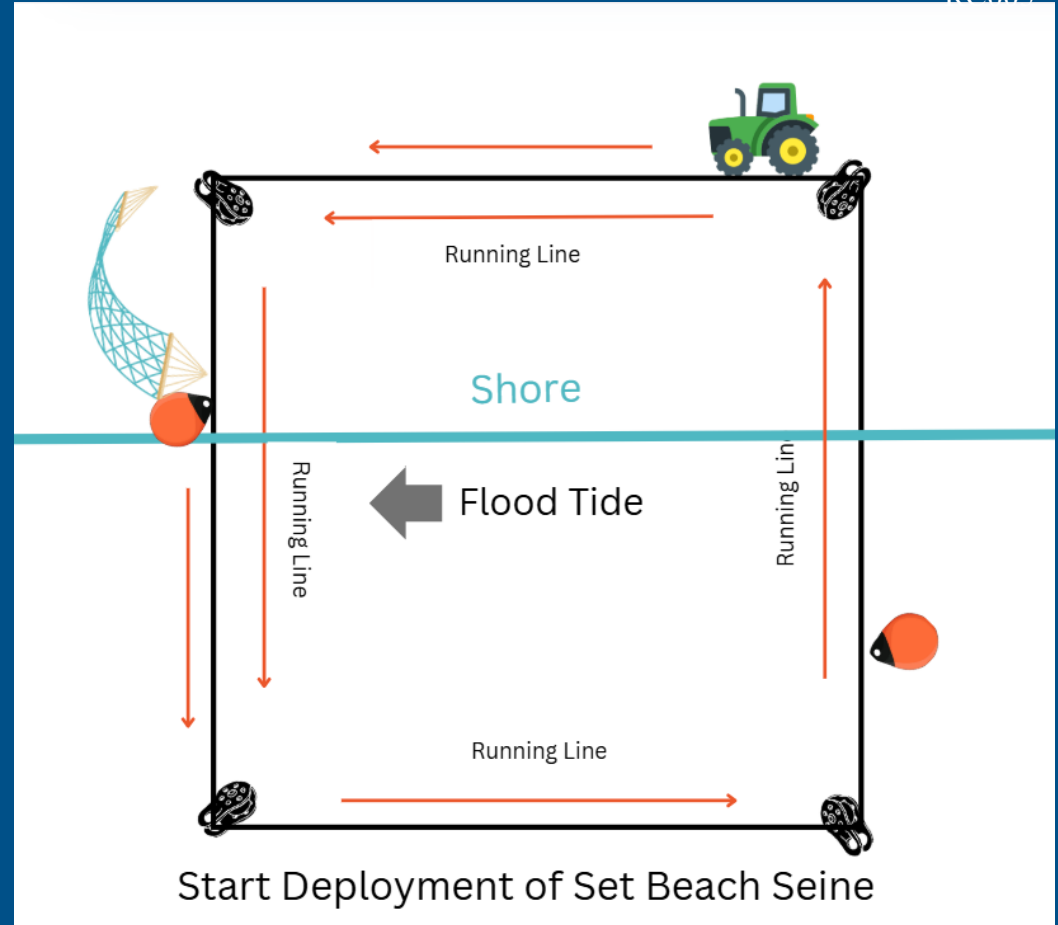


Elements of Success

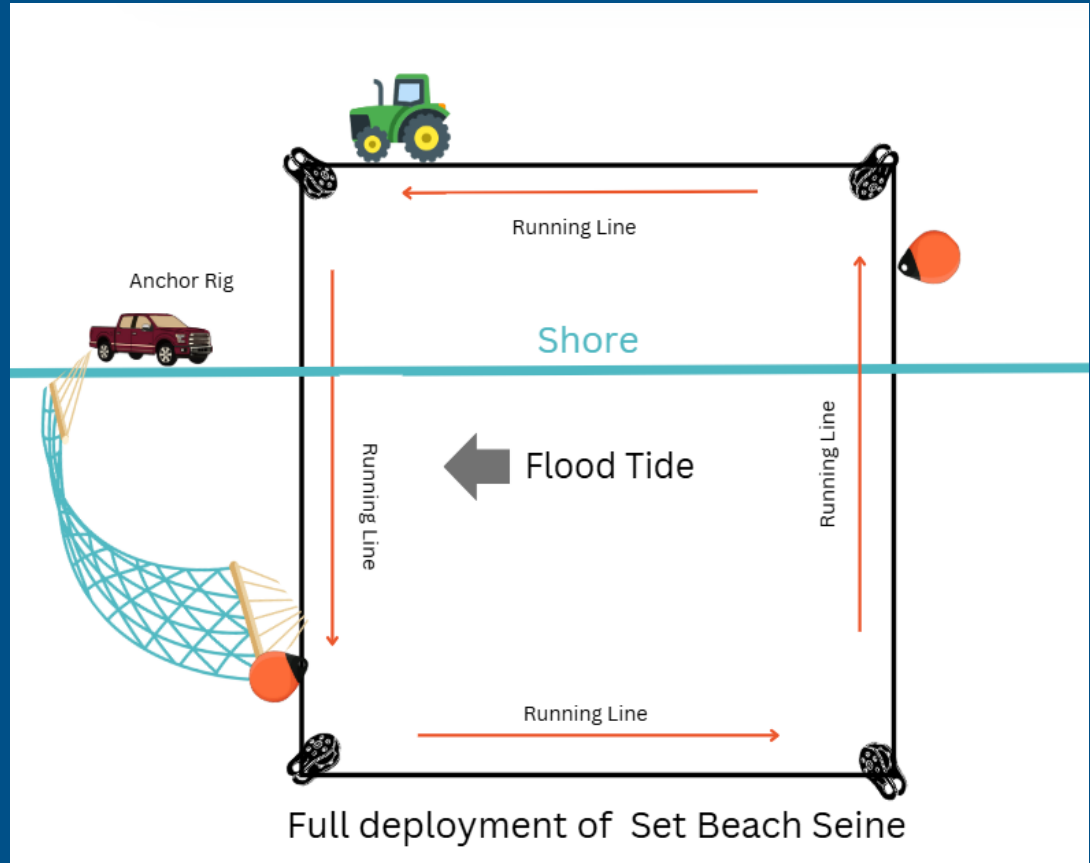
Sites for Testing



- Start Deployment of Set Beach Seine



- Full Deployment of Set Beach Seine



- Full Retrieval of Set Beach Seine

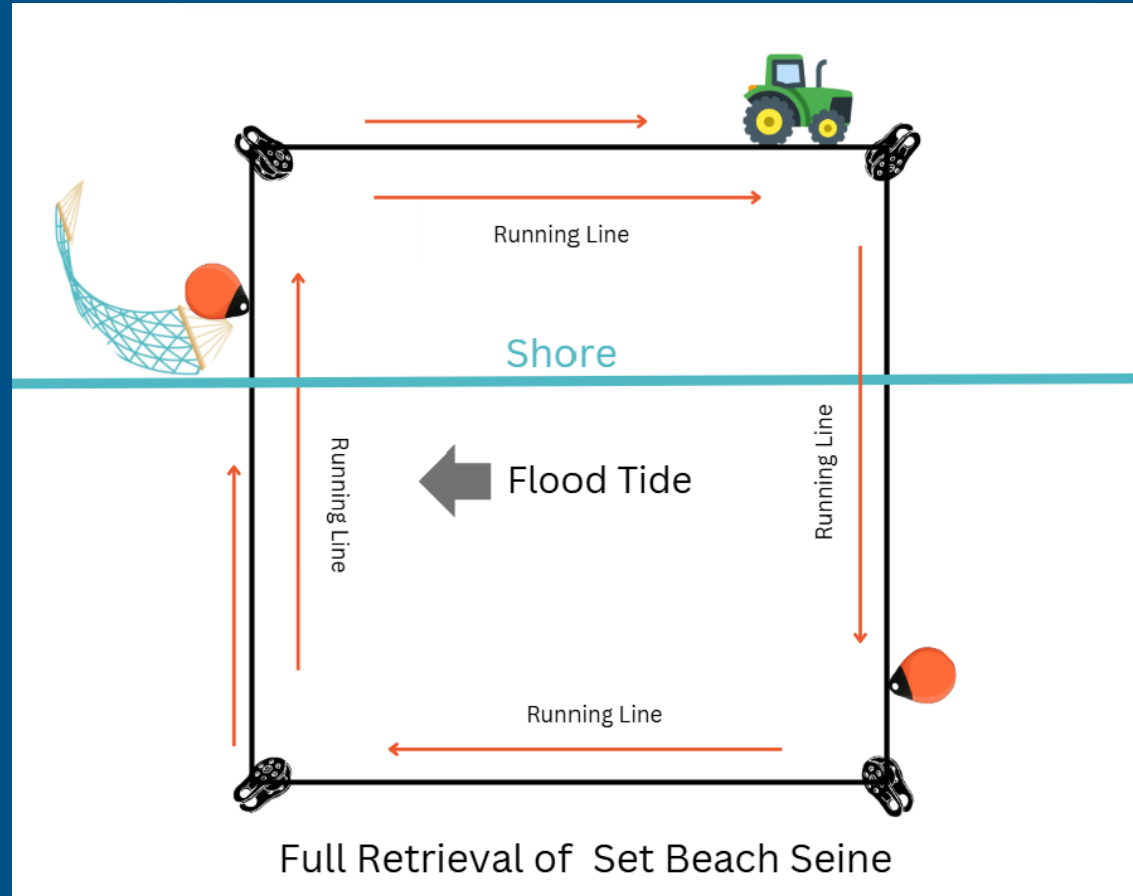




Table 1. Salmon catch by day, fishing period, location, net hold time and active net time, Upper Cook Inlet Gabriel experimental beach seine, June 30 through July 31, 2024.

Date	Open		# Sets	Sockeye	Pink	Coho	King	King	All	Hold Time	% 12 Hour	Active	% 12 Hour
	Period	Location					Small	Large	Salmon		Period Hold	Net Time	Period Active
30-Jun	NO	North K-Beach-Gabriel	1	2					2	0:20	N/A	0:05	N/A
1-Jul	NO	North K-Beach-Gabriel	1	14					14	0:20	N/A	0:08	N/A
2-Jul	Yes	North K-Beach-Gabriel	6	83			1		84	1:02	8.61%	0:29	4.03%
4-Jul	Yes	North K-Beach-Gabriel	1	9					9	0:17	2.36%	0:02	0.28%
9-Jul	Yes	North K-Beach-Every	15	672					672	3:10	26.39%	0:43	5.97%
11-Jul	Yes	North K-Beach-Every	15	542	3	1	1		547	2:28	20.56%	1:05	9.44%
13-Jul	Yes	North K-Beach-Every	20	494			1		495	3:32	29.44%	0:58	9.17%
16-Jul	Yes	North K-Beach-Every	38	3813			3		3816	4:16	35.56%	1:50	15.28%
18-Jul	Yes	North K-Beach-Every	22	959	1	1	3		964	3:29	30.83%	1:19	11.81%
20-Jul	Yes	North K-Beach-Every	18	510	3		1		514	3:18	27.50%	1:11	10.28%
21-Jul	NO	Salamatof-Hudkins	4	115	2				117	0:26	N/A	0:16	N/A
23-Jul	Yes	Salamatof-Hudkins	9	1366					1366	0:45	6.25%	0:23	4.03%
25-Jul	Yes	Salamatof-Hudkins	7	1940	3				1943	0:47	6.53%	0:21	2.92%
25-Jul	Yes	North K-Beach-Every	8	660	0				660	0:46	6.39%	0:28	3.89%
27-Jul	Yes	Salamatof-Hudkins	11	743	1				744	1:17	10.69%	0:30	4.17%
27-Jul	Yes	North K-Beach-Every	4	124	6				130	0:52	7.22%	0:20	2.78%
28-Jul	Yes	North K-Beach-Every	26	1372	8	1	2		1383	5:32	46.11%	1:13	10.13%
30-Jul	Yes	North K-Beach-Every	23	1230	14	5		1	1250	5:31	45.97%	1:12	10.00%
31-Jul	Yes	North K-Beach-Every	20	777	19	7			803	4:40	38.89%	1:16	10.56%
Total			249	15425	60	15	12	1	15513	42:44		13:49	
Total Harvested				15294	58	15	0	0	15367				
Total Released				131	2	0	12	1	146				

Table 9. Salmon catch by day, fishing period, location, net hold time and active net time, Upper Cook Inlet Hollier experimental beach seine, July 20 through July 31, 2024.

Date	Open Period	Location	# Sets	Sockeye	Pink	Coho	King Small	King Large	All Salmon	Hold Time	% 12 Hour Period Hold	Active Net Time	% 12 Hour Period Active
20-Jul	Yes	North K-Beach	11	262	2		1		265	2:04	17.22%	0:19	2.64%
23-Jul	Yes	North K-Beach	19	1052	29	2			1083	3:49	31.81%	0:27	3.75%
25-Jul	Yes	North K-Beach	19	1234	48	4			1286	4:35	38.19%	0:34	4.72%
27-Jul	Yes	North K-Beach	17	832	11	1			844	4:39	38.75%	0:48	6.67%
28-Jul	Yes	North K-Beach	18	976	45	9	2		1032	5:38	46.94%	0:39	5.42%
30-Jul	Yes	North K-Beach	20	548	11	8			567	5:31	45.97%	1:04	8.89%
31-Jul	Yes	North K-Beach	11	324	60	7			391	3:29	29.03%	0:29	4.03%
		Total	115	5228	206	31	3	0	5468	29:45		4:20	
		Total Harvested		5228	205	0	0	0	5433				
		Total Released		0	1	31	3	0	35				

Gabriel Data-Experimental Set Beach Seine Fishery Report-Summary UCI 2024-01 pg 12

Table 1. Salmon catch by day, fishing period, location, net hold time and active net time, Upper Cook Inlet Gabriel experimental beach seine, June 30 through July 31, 2024.

Date	Open Period	Location	# Sets	Sockeye	Pink	Coho	King Small	King Large	All Salmon	Hold Time	% 12 Hour Period Hold	Active Net Time	% 12 Hour Period Active
30-Jun	NO	North K-Beach-Gabriel	1	2					2	0:20	N/A	0:05	N/A
1-Jul	NO	North K-Beach-Gabriel	1	14					14	0:20	N/A	0:08	N/A
2-Jul	Yes	North K-Beach-Gabriel	6	83				1	84	1:02	8.61%	0:29	4.03%
4-Jul	Yes	North K-Beach-Gabriel	1	9					9	0:17	2.36%	0:02	0.28%
9-Jul	Yes	North K-Beach-Every	15	672					672	3:10	26.39%	0:43	5.97%
11-Jul	Yes	North K-Beach-Every	15	542	3	1		1	547	2:28	20.56%	1:05	9.44%
13-Jul	Yes	North K-Beach-Every	20	494				1	495	3:32	29.44%	0:58	9.17%
16-Jul	Yes	North K-Beach-Every	38	3813				3	3816	4:16	35.56%	1:50	15.28%
18-Jul	Yes	North K-Beach-Every	22	959	1	1		3	964	3:29	30.83%	1:19	11.81%
20-Jul	Yes	North K-Beach-Every	18	510	3			1	514	3:18	27.50%	1:11	10.28%
21-Jul	NO	Salamatof-Hudkins	4	115	2				117	0:26	N/A	0:16	N/A
23-Jul	Yes	Salamatof-Hudkins	9	1366					1366	0:45	6.25%	0:23	4.03%
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25-Jul	Yes	North K-Beach-Every	8	660	0				660	0:46	6.39%	0:28	3.89%
27-Jul	Yes	Salamatof-Hudkins	11	743	1				744	1:17	10.69%	0:30	4.17%
27-Jul	Yes	North K-Beach-Every	4	124	6				130	0:52	7.22%	0:20	2.78%
28-Jul	Yes	North K-Beach-Every	26	1372	8	1		2	1383	5:32	46.11%	1:13	10.13%
30-Jul	Yes	North K-Beach-Every	23	1230	14	5			1250	5:31	45.97%	1:12	10.00%
31-Jul	Yes	North K-Beach-Every	20	777	19	7			803	4:40	38.89%	1:16	10.56%
Total			249	15425	60	15		12	1	15513	42:44	13:49	
Total Harvested				15294	58	15		0	0	15367			
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Total Harvested				15294	58	15	0	0	15367				
Total Released				131	2	0	12	1	146				

Note: The highlighted area represents total fishing time. The total Hold Time of 40.23 hours and Active Net Time of 12:49 hours. This represents a total fishing time of 53.12 hours. Approximately 37% of the total allowable fishing time of twelve fishing periods or 144 hours. Closed periods not included in data.

From Proof of Concept to Alternative Gear Type

