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UNALAKLEET RIVER TEST FISHING PROJECT, 1991

By

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Regional Information Report[1] No. 3A94-09

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Commercial Fisheries Management and Development Division, AYK Region
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PREFACE

A formal project report was not required at the time for the 1991 Unalakleet River test fishing project. However, the data were compiled and filed in the form of a set of tables and figures. In the interest of archiving this information in a more permanent and retrievable manner, it was decided in March 1994 to place this set of tables and figures in the Regional Information Report series. Therefore, the set of tables and figures follows verbatim herein. Reports for this project prior to the 1991 field season (for example RIR 3N91-18) should be referenced for a more detailed treatment of the methods typically employed for this project.

Unalakleet River Escapement Studies Draft Tables for 1991

Table 1. Unalakleet River and Unalakleet subdistrict subsistence catch and effort 1982-1991. [a] (p. 1 of 4)

	1982			1983			1984		
DATE	# fish-ermen	# king	daily mean	# fish-erman	# king	daily mean	# fish-erman	# king	daily mean
6/06									
6/07									
6/08				4	3	0.8			
6/09				4	1	0.2			
6/10				4	7	1.8			
6/11				4	2	0.5			
6/12				4	2	0.5			
6/13				4	0	0.0			
6/14	2	4	2.0	4	1	0.2			
6/15	3	0	0.0	4	23	5.8			
6/16	4	5	1.2	4	37	9.2			
6/17	3	5	1.7	4	25	6.2			
6/18	5	9	1.8	4	29	7.2			
6/19	6	9	1.5	4	29	7.2			
6/20	6	10	1.7	4	17	4.2			
6/21	5	10	2.0	4	11	2.8			
6/22	4	3	0.8	4	21	5.2			
6/23	4	7	1.8	4	24	6.0	3	1	0.3
6/24	4	6	1.5	4	25	6.2	4	5	1.2
6/25	4	13	3.2	3	6	2.0	5	18	3.6
6/26	4	2	0.5	3	14	4.7	5	13	2.6
6/27	3	3	1.0	3	15	5.0	4	20	5.0
6/28	3	9	3.0	4	14	3.5	5	66	13.2
6/29	3	8	2.7	4	10	2.5	5	22	4.4
6/30	4	7	1.8	4	6	1.5	5	25	5.0
7/01	5	16	3.2				4	33	8.2
7/02	6	41	6.8				3	41	13.7
7/03	5	73	14.6				2	16	8.0
7/04	4	40	10.0				2	9	4.5
7/05	3	24	8.0				2	16	8.0
7/06	3	27	9.0						
7/07	4	21	5.2						
7/08	3	3	1.0						
7/09	3	16	5.3						
7/10	3	2	0.7						
7/11	4	10	2.5						
7/12	2	2	1.0						
7/13	2	0	0.0						
7/14									
7/15									
7/16									
7/17									

-continued-

[a] Only a selected number of fishermen were interviewed, therefore catch and effort data presented here do not represent the total for the Unalakleet River. Net counts began in 1985.

Table 1. (p. 2 of 4).

	1985				1986				1987			
DATE	# fish-ermen	# king	daily mean	# nets observed	# fish-ermen	# king	daily mean	# nets observed	# fish-ermen	# king	daily mean	# nets observed
6/06												
6/07												
6/08												
6/09												
6/10												
6/11												
6/12												
6/13												
6/14												
6/15												
6/16												
6/17												7
6/18									1	0	0.0	10
6/19								14	2	1	0.5	14
6/20								19	2	2	1.0	16
6/21					6	27	4.5	21	3	7	2.3	
6/22					6	22	3.7	21	3	3	1.0	17
6/23					5	13	2.6	16	5	3	0.6	18
6/24					5	34	6.8	16	3	4	1.3	19
6/25					6	93	15.5	15	3	8	2.7	20
6/26	4	1	0.2	16	3	87	29.0	20	1	1	1.0	22
6/27	4	2	0.5	16	3	38	12.7	21	4	12	3.0	22
6/28	4	2	0.5	19	1	9	9.0	19	5	56	11.2	21
6/29	4	9	2.2	19	5	8	1.6	16	7	60	8.6	22
6/30	5	78	15.6	16	4	9	2.2	15	6	29	4.8	15
7/01	3	37	12.3	13	4	11	2.7	10	7	57	8.1	23
7/02	3	19	6.3	12	3	5	1.7	7	6	8	1.3	26
7/03	3	19	6.3	11	2	2	1.0	6	4	9	2.3	22
7/04	3	20	6.7	12					3	2	0.7	22
7/05	4	31	7.8	13							0.0	
7/06	4	5	1.2	12					4	11	2.8	17
7/07	3	14	4.7						2	5	2.5	19
7/08	3	43	14.3	11					2	4	2.0	17
7/09	4	44	11.0	10					2	1	0.5	18
7/10	3	12	4.0	11					2	0	0.0	9
7/11	3	7	2.3	9					1	5	5.0	13
7/12	3	7	2.3	10					1	6	6.0	
7/13	3	9	3.0	11					1	0	0.0	9
7/14	4	3	0.8	10							0.0	10
7/15	3	11	3.7	12					1	0	0.0	10
7/16												
7/17												

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Table 1. (p. 3 of 4).

	1988				1989 River				1989 Ocean		
DATE	# fish-ermen	# king	daily mean	# nets observed	# fish-ermen	# king	daily mean	# nets observed	# fish-ermen	# king	daily mean
6/06	3	5	1.7	10					1	6	6.0
6/07									1	1	1.0
6/08	3	0	0.0	9					4	23	5.8
6/09	1	0	0.0	10					4	54	13.5
6/10				10							
6/11	4	6	1.5	12					1	35	35.0
6/12								5	3	43	14.3
6/13	2	0	0.0	5	1	0	0.0	5	3	14	4.7
6/14	1	0		7				6	6	113	18.8
6/15	1	0	0.0	15				5	1	30	30.0
6/16	2	1	0.5	15				7			
6/17	2	1	0.5	15							
6/18	1	5	5.0	14							
6/19											
6/20	2	3	1.5	10	3	22	7.3	7	1	1	1.0
6/21	4	24	6.0	10	3	7	2.3	7			
6/22	3	37	12.3	12	2	2	1.0	8			
6/23	1	6	6.0	15	3	18	6.0	12			
6/24				15	4	27	6.8	14			
6/25	1	9	9.0	13							
6/26											
6/27				14	1	7	7.0	5			
6/28					1	1	1.0	8			
6/29								10			
6/30											
7/01								9			
7/02											
7/03											
7/04								4			
7/05								3			
7/06								4			
7/07								7			
7/08								0			
7/09											
7/10											
7/11								1			
7/12								1			
7/13								1			
7/14								1			
7/15								1			
7/16											
7/17											

-continued-

Table 8. (p. 4 of 4).

	1990				1991			
DATE	# fish-ermen	# king	daily mean	# nets observed	# fish-ermen	# king	daily mean	# nets observed
6/06								
6/07								
6/08								
6/09								
6/10								
6/11					2	0	0.0	5
6/12					6	27	4.5	7
6/13					2	6	3.0	9
6/14	4	44	11.0	8	4	11	2.8	9
6/15	0	0	0.0	6	5	34	6.8	11
6/16					1	10	10.0	7
6/17					1	6	6.0	7
6/18	2	11	5.5	1	1	4	4.0	4
6/19	4	7	1.8	7	3	1	0.3	12
6/20	2	5	2.5	9	6	13	2.2	
6/21	4	36	9.0		4	4	1.0	8
6/22	2	25	12.5	9	5	12	2.4	10
6/23	1	2	2.0	9				0
6/24					1	0	0.0	
6/25	1	3	3.0	2	2	7	3.5	10
6/26	1	0	0.0	7	3	14	4.7	
6/27	3	2	0.7	6	3	5	1.7	10
6/28	3	1	0.3	8	1	0	0.0	7
6/29	2	8	4.0	8	3	31	10.3	5
6/30	2	5	2.5	11				
7/01								0
7/02				0				3
7/03				1				
7/04	1	2	2.0	4				
7/05	0	0	0.0	2				
7/06				0				
7/07				0				
7/08								
7/09				2				
7/10				2				
7/11								
7/12								
7/13								
7/14								
7/15								
7/16								
7/17								

1/ Only a selected number of fishermen were interviewed, therefore catch and effort data presented here do not represent the total for the Unalakleet River. Net counts began in 1985.

Table ~~8~~ 2. Mean dates of commercial and test fish CPUE, Unalakleet subdistrict, Norton Sound District, 1981-1991.

	Chinook		Coho		Chum		Pink
	C/F	T/F	C/F	T/F	C/F	T/F	T/F
1981	6/20		8/15	8/19	7/18	7/29	7/22
1982	6/23	6/23	8/14	9/01	7/17	7/13	7/07
1983	6/25	6/20	8/13	9/04	7/14	7/20	7/12
1984	6/29	7/05	8/15	8/22	7/18	7/16	7/11
1985	7/06	7/08	8/21	8/21	7/24	7/09	7/17
1986	6/28	6/26	8/13	8/14	7/16	7/23	7/02
1987	6/26	7/07	8/15	8/24	7/11	7/23	7/21
1988	6/24	6/24	8/13	8/12	7/13	7/22	7/05
1989	6/20	6/18	8/09	8/15	7/12	7/11	7/18
1990	6/23	6/20	8/11	8/19	7/07	7/13	7/14
1991	6/26	6/27	8/10	8/23	7/17	7/20	7/23
1981-1990 Average	6/28	6/27	8/15	8/23	7/17	7/20	7/14

Table 3. Comparison of commercial catch and escapement data for the Unalakleet subdistrict, Norton Sound District, 1981–1991.

Commercial Fishery a			Escapement b			
Year	Catch	Cum. CPUE	Test Catch	Test Cum. CPUE	North River Tower	North River Aerial
CHINOOK						
1981	6157					
1982	3768	0.2	22	0.64		8
1983	7022	0.3	18	0.42		347
1984	6804	0.7	41	0.85	2844	51
1985	12621	1.1	171	1.60	1426	703
1986	4494	0.3	49	0.42	1613	
1987	3246	0.3	42	0.34		445
1988	2218	0.2	13	0.19		
1989	4402	0.4	45	0.40		
1990	5998	0.5	41	0.48		255
1991	4534	0.3	33	0.25		256
1982–1991 Average	5511	0.4	48	0.56		
COHO						
1981	29845	1.4	310	0.81		263
1982	61343	2.2	235	1.89		4145
1983	36098	1.6	184	1.12		
1984	47904	1.7	244	1.56		152
1985	15421	0.5	175	1.15	2045	
1986	20580	1.0	134	0.82		
1987	15097	1.1	133	0.88		680
1988	24265	1.0	178	0.93		
1989	36025	1.6	193	0.98		
1990	52015	2.6	263	1.86		
1991	52033	2.4	152	1.09		2510
1982–1991 Average	36078	2	189	1		
CHUM						
1981	39186	0.8	1102	2.83		599
1982	44520	1.1	330	1.98		4135
1983	109220	2.4	547	2.30		
1984	43317	1.3	626	2.79	2915	1625
1985	25111	0.9	819	2.30	4567	
1986	29136	1.2	774	2.74	3738	
1987	17525	0.8	608	1.71		392
1988	25364	0.8	494	1.53		
1989	20825	0.6	736	2.42		
1990	23659	0.7	337	1.25		1345
1991	39609	1.1	735	2.24		2435
1982–1991 Average	37829	1	601	2		

a 1986 commercial chum catch and Cum. CPUE through August 9.
b 1986 North River Tower count through July 18.

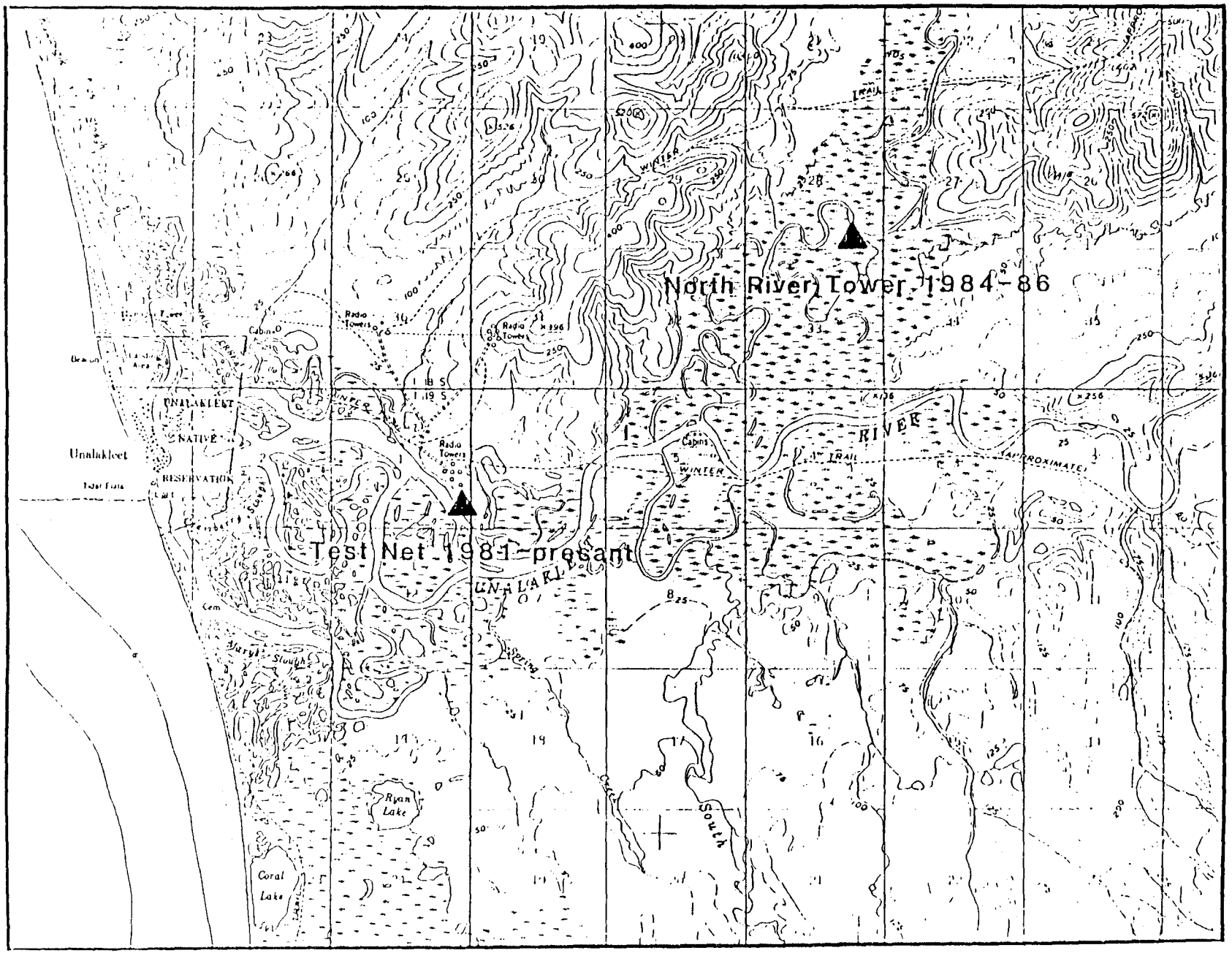

Figure 1. Site locations of Unalakleet River escapement projects, Norton Sound District, 1989.

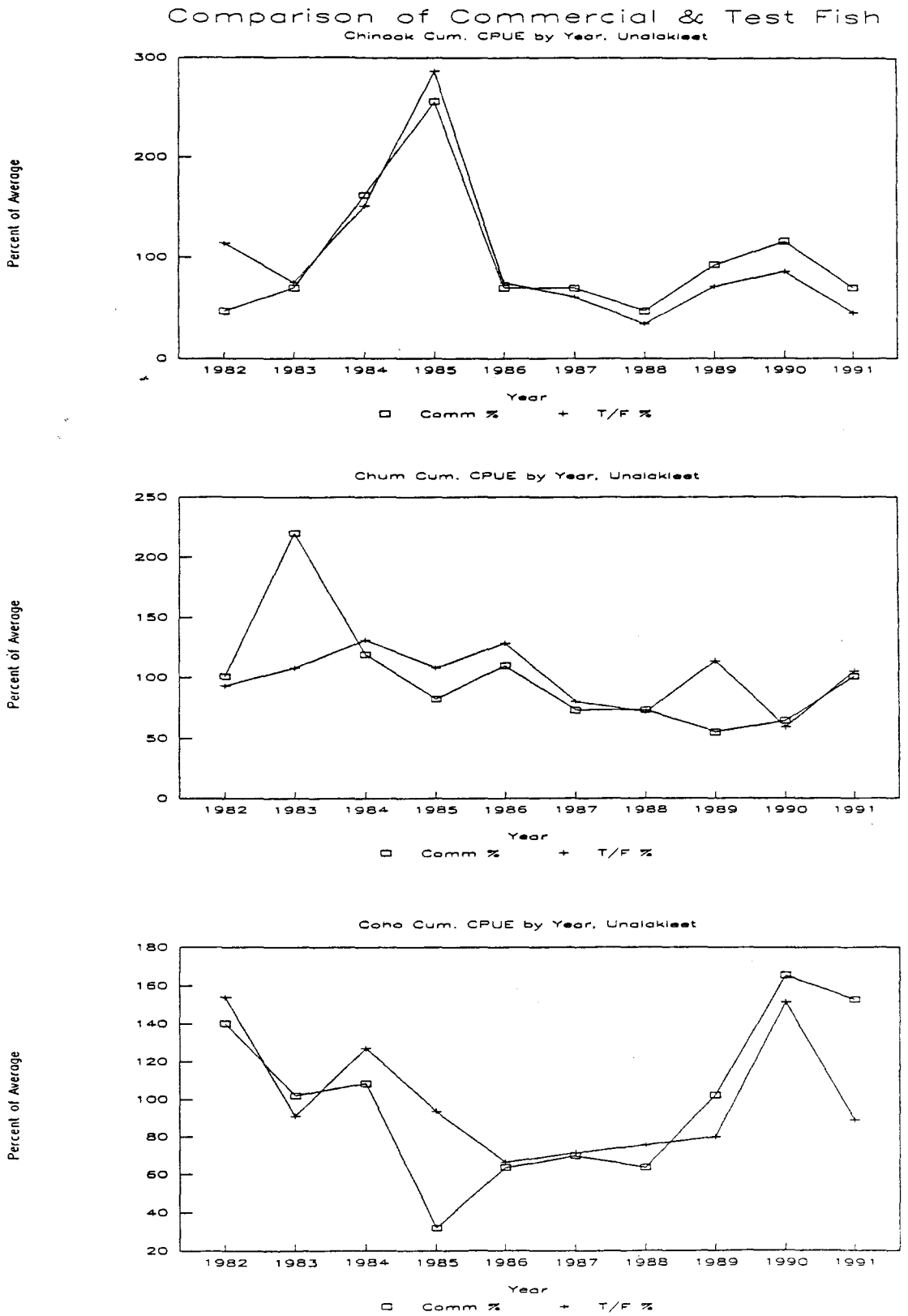

Figure 2. Comparisons of commercial and test fish cumulative CPUE for each salmon species by year as a percent of the previous 9-year averages (1982-1990). Unalakleet subdistrict, Norton Sound District, 1991.

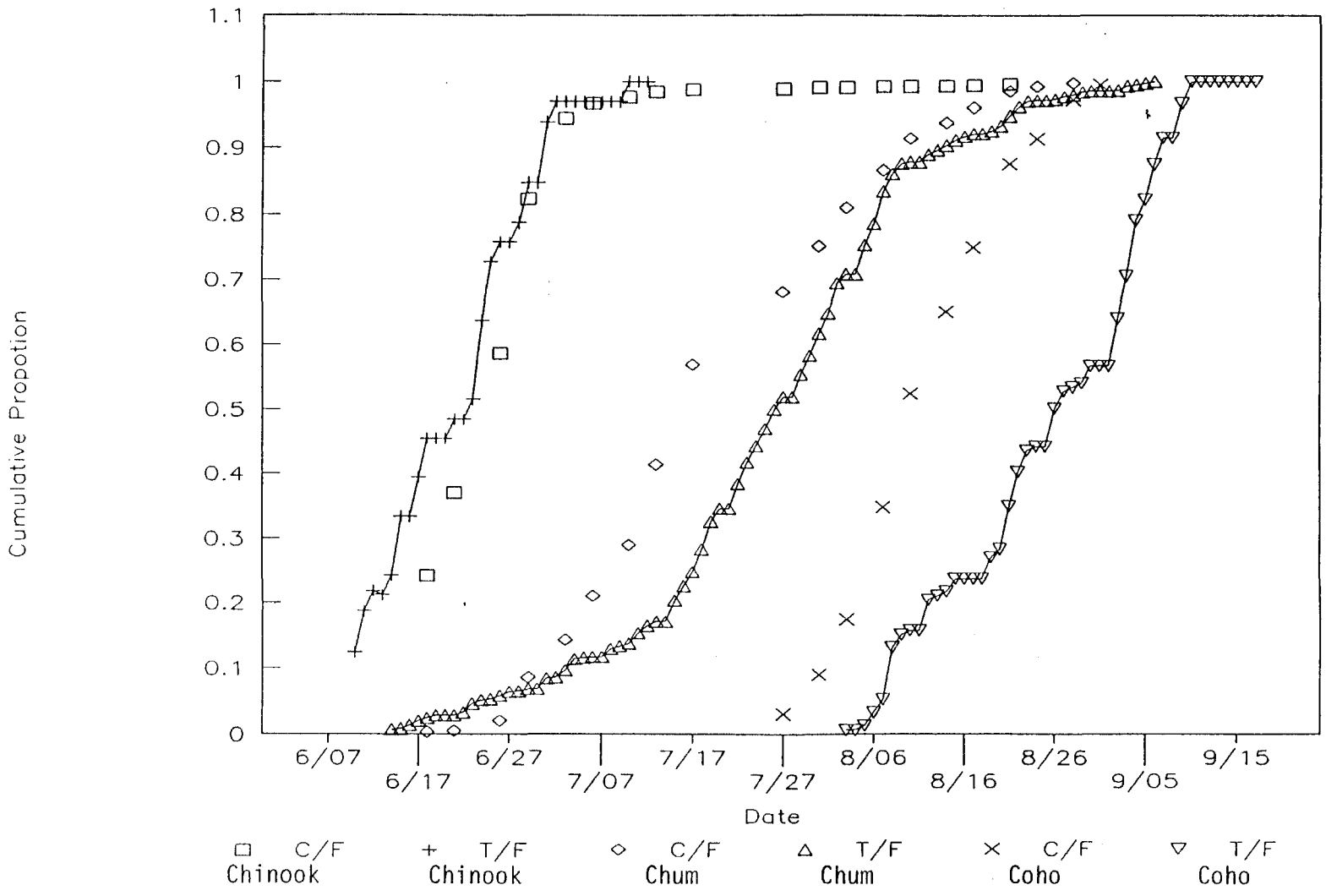

Figure 3. Commercial and test fish cumulative proportion curves showing run timing of salmon by date. Unalakleet subdistrict, Norton Sound District, 1991.

Appendix Table 1. Unalakleet test net catches of chinook salmon in 5 7/8" gear, 1982 - 1990. (p. 1 of 4)

	chinook salmon catch, 1982 counts begin the day the first salmon was caught					chinook salmon catch, 1983 counts begin the day the first salmon was caught					chinook salmon catch, 1984 counts begin the day the first salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/07						12.6	1	0.40	0.40	0.056					
6/08						12.7	1	0.39	0.40	0.111					
6/09								0.00	0.40	0.111					
6/10						11.4	0	0.00	0.27	0.111					
6/11								0.00	0.27	0.111					
6/12						11.3	2	0.88	0.42	0.222					
6/13								0.00	0.42	0.222					
6/14						11.9	2	0.84	0.50	0.333					
6/15						11.6	1	0.43	0.49	0.389					
6/16	24.0	1	0.21	0.21	0.045			0.00	0.49	0.389					
6/17			0.00	0.21	0.045	11.6	2	0.86	0.54	0.500					
6/18	24.0	5	1.04	0.63	0.273			0.00	0.54	0.500					
6/19			0.00	0.63	0.273	11.8	0	0.00	0.47	0.500					
6/20	12.0	4	1.67	0.83	0.455			0.00	0.47	0.500					
6/21			0.00	0.83	0.455	11.8	1	0.42	0.47	0.556					
6/22	12.0	2	0.83	0.83	0.545	11.7	1	0.43	0.46	0.611					
6/23	12.0	2	0.83	0.83	0.636			0.00	0.46	0.611					
6/24			0.00	0.83	0.636	11.6	0	0.00	0.42	0.611					
6/25	11.9	1	0.42	0.78	0.682			0.00	0.42	0.611					
6/26			0.00	0.78	0.682	11.9	2	0.84	0.46	0.722	24.2	1	0.21	0.21	0.024
6/27	12.1	2	0.83	0.79	0.773			0.00	0.46	0.722			0.00	0.21	0.248
6/28			0.00	0.79	0.773	11.8	1	0.42	0.46	0.778	24.5	4	0.82	0.51	0.122
6/29	12.2	1	0.41	0.75	0.818	11.5	2	0.87	0.48	0.889			0.00	0.51	0.122
6/30	13.5	2	0.74	0.75	0.909			0.00	0.48	0.889	24.4	6	1.23	0.75	0.268
7/01			0.00	0.75	0.909	11.9	1	0.42	0.48	0.944			0.00	0.75	0.268
7/02	12.0	2	0.83	0.75	1.000			0.00	0.48	0.944			0.00	0.75	0.268
7/03						11.9	1	0.42	0.48	1.000	23.8	7	1.47	0.93	0.439
7/04													0.00	0.83	0.439
7/05											24.0	9	1.88	1.12	0.659
7/06													0.00	1.12	0.659
7/07											24.1	13	2.70	1.38	0.976
7/08													0.00	1.38	0.976
7/09											24.1	1	0.21	1.21	1.000
7/10															
7/11															
7/12															
7/13															
7/14															
7/15															
7/16															
7/17															
7/18															
7/19															
7/20															
7/21															
7/22															
7/23															
7/24															
7/25															
Totals	171.2	22	7.8			212.9	18	7.6			241.1	41	8.56		
	Mean day of catch 6/23					Mean day of catch 6/20					Mean day of catch 7/05				

- continued -

Appendix Table 1. (p. 2 of ~~3~~ 4)

	chinook salmon catch, 1985 counts begin the day the first salmon was caught					chinook salmon catch, 1986 counts begin the day the first salmon was caught					chinook salmon catch, 1987 counts begin the day the first salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/07															
6/08															
6/09															
6/10															
6/11															
6/12															
6/13															
6/14															
6/15															
6/16															
6/17						23.9	1	0.21	0.21	0.020					
6/18						24.2	2	0.41	0.31	0.061					
6/19						24.1	3	0.62	0.42	0.122					
6/20						24.0	2	0.42	0.42	0.163	11.8	1	0.42	0.42	0.024
6/21						23.9	2	0.42	0.42	0.204			0.00	0.42	0.024
6/22						24.3	2	0.41	0.42	0.245	23.6	0	0.00	0.14	0.024
6/23						23.9	2	0.42	0.42	0.286	23.9	0	0.00	0.08	0.024
6/24						23.7	2	0.42	0.42	0.327	24.0	0	0.00	0.06	0.024
6/25						24.0	4	0.83	0.46	0.408	24.1	2	0.41	0.14	0.071
6/26	23.0	1	0.22	0.22	0.006	25.0	6	1.20	0.54	0.531	24.2	0	0.00	0.11	0.071
6/27	24.5	0	0.00	0.11	0.006	24.0	1	0.21	0.51	0.551			0.00	0.11	0.071
6/28	23.7	0	0.00	0.07	0.006	12.1	0	0.00	0.49	0.551	48.0	6	0.63	0.25	0.214
6/29	24.1	2	0.41	0.16	0.018	0.0	0	0.00	0.49	0.551	23.9	0	0.00	0.22	0.214
6/30	23.7	18	3.80	0.88	0.123	24.0	0	0.00	0.45	0.551	24.1	0	0.00	0.20	0.214
7/01	9.8	8	4.08	1.13	0.170	24.1	0	0.00	0.42	0.551	23.7	0	0.00	0.18	0.214
7/02	7.0	10	7.14	1.44	0.228	23.9	0	0.00	0.39	0.551	24.0	4	0.83	0.24	0.310
7/03	24.0	13	2.71	1.63	0.304	24.1	0	0.00	0.36	0.551	24.0	2	0.42	0.25	0.357
7/04	23.8	14	2.94	1.80	0.386	23.9	0	0.00	0.34	0.551			0.00	0.25	0.357
7/05	23.9	9	1.88	1.81	0.439	12.2	1	0.41	0.34	0.571	47.6	3	0.32	0.26	0.429
7/06	9.2	2	1.09	1.78	0.450	0.0	0	0.00	0.34	0.571	24.5	0	0.00	0.24	0.429
7/07			0.00	1.78	0.450	24.4	4	0.82	0.37	0.653	24.0	4	0.83	0.28	0.524
7/08	23.2	22	4.74	2.06	0.579	24.5	2	0.41	0.37	0.694	24.1	2	0.41	0.29	0.571
7/09	24.1	14	2.90	2.14	0.661	23.8	2	0.42	0.37	0.735	24.0	1	0.21	0.28	0.595
7/10	23.9	13	0.00	2.19	0.737	23.9	9	0.00	0.44	0.918	24.3	6	1.23	0.33	0.738
7/11	24.1	5	1.04	2.10	0.766	24.2	3	0.62	0.45	0.980	11.2	4	1.79	0.37	0.833
7/12	24.4	5	1.02	2.02	0.795	12.4	0	0.00	0.44	0.980			0.00	0.37	0.833
7/13	8.6	1	0.58	1.99	0.801	0.0	0	0.00	0.44	0.980	23.3	1	0.21	0.36	0.857
7/14			0.00	1.99	0.801	24.6	0	0.00	0.42	0.980	23.9	3	0.63	0.37	0.929
7/15	24.3	7	1.44	1.95	0.842	23.0	1	0.22	0.42	1.000			0.00	0.37	0.929
7/16	23.9	8	1.67	1.93	0.889						48.4	1	0.10	0.35	0.952
7/17	24.3	5	1.03	1.88	0.918						23.8	1	0.21	0.34	0.976
7/18	33.8	3	0.44	1.77	0.936						10.9	0	0.00	0.34	0.976
7/19	24.1	4	0.83	1.72	0.959								0.00	0.34	0.976
7/20			0.00	1.72	0.959						24.2	0	0.00	0.32	0.976
7/21			0.00	1.72	0.959						23.8	0	0.00	0.31	0.976
7/22	24.2	3	0.62	1.67	0.977						24.0	1	0.21	0.31	1.000
7/23	24.9	1	0.20	1.60	0.982										
7/24	23.1	2	0.43	1.55	0.994										
7/25	23.7	0	0.00	1.49	0.994										
7/26	24.6	1	0.20	1.43	1.000										
	595.9	171.0	41.4			590.1	49.0	8.5			681.3	42	8.87		
	Mean day of catch 7/08					Mean day of catch 6/30					Mean day of catch 7/07				

- continued -

Appendix Table 1. (p. 3 of ~~3~~ 4).

	chinook salmon catch, 1988 counts begin the day the first salmon was caught					chinook salmon catch, 1989 counts begin the day the first salmon was caught					chinook salmon catch, 1990 counts begin the day the first salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/07															
6/08															
6/09															
6/10															
6/11															
6/12															
6/13						23.5	3	0.64	0.64	0.07					
6/14						24.0	5	1.04	0.84	0.18					
6/15						24.0	4	0.83	0.84	0.27	24.1	2	0.41	0.41	0.05
6/16						23.9	0	0.00	0.63	0.27	10.1	0	0.00	0.29	0.05
6/17						24.0	4	0.83	0.67	0.36	0.0	0	0.00	0.29	0.05
6/18						24.0	7	1.46	0.80	0.51	23.7	2	0.42	0.35	0.10
6/19						24.8	3	0.60	0.77	0.58	23.8	6	1.26	0.61	0.24
6/20	24.3	1	0.21	0.21	0.077	22.3	1	0.22	0.71	0.60	24.2	26	5.37	1.70	0.88
6/21	23.9	2	0.42	0.31	0.231	23.8	1	0.21	0.65	0.62	23.8	1	0.21	1.43	0.90
6/22	24.0	3	0.63	0.42	0.462	24.0	1	0.21	0.61	0.64	24.2	1	0.21	1.23	0.93
6/23	24.2	0	0.00	0.31	0.462	24.0	2	0.42	0.59	0.69	10.0	0	0.00	1.16	0.93
6/24	23.7	1	0.21	0.29	0.538	11.0	0	0.00	0.57	0.69	0.0	0	0.00	1.16	0.93
6/25	9.0	0	0.00	0.27	0.538	0.0		0.00	0.57	0.69	30.0	1	0.17	1.01	0.95
6/26			0.00	0.27	0.538	23.8	3	0.63	0.57	0.76	21.8	1	0.23	0.93	0.98
6/27	24.1	1	0.21	0.26	0.615	24.0	0	0.00	0.53	0.76	23.8	0	0.00	0.84	0.98
6/28			0.00	0.26	0.615	24.0	0	0.00	0.49	0.76	23.5	0	0.00	0.76	0.98
6/29	53.0	1	0.09	0.22	0.692	24.0	0	0.00	0.46	0.76	24.2	0	0.00	0.70	0.98
6/30	19.1	0	0.00	0.20	0.692			0.00	0.46	0.76	9.3	0	0.00	0.67	0.98
7/01	24.2	0	0.00	0.18	0.692	34.8	2	0.29	0.45	0.80	0.0	0	0.00	0.67	0.98
7/02	10.3	1	0.49	0.19	0.769	0.0		0.00	0.45	0.80	22.9	0	0.00	0.63	0.98
7/03			0.00	0.19	0.769	24.1	2	0.41	0.44	0.84	24.3	0	0.00	0.58	0.98
7/04	24.2	0	0.00	0.18	0.769	24.0	2	0.42	0.44	0.89	24.0	0	0.00	0.54	0.98
7/05	24.0	2	0.42	0.19	0.923	23.9	1	0.21	0.43	0.91	23.8	0	0.00	0.51	0.98
7/06	24.0	0	0.00	0.18	0.923	24.1	3	0.62	0.44	0.98	23.8	0	0.00	0.48	0.98
7/07	24.1	0	0.00	0.17	0.923	24.0	0	0.00	0.42	0.98	9.9	1	0.51	0.48	1.00
7/08	23.9	1	0.21	0.17	1.000	10.0	0	0.00	0.41	0.98					
7/09	11.6	0	0.00	0.17	1.000	0.0		0.00	0.41	0.98					
7/10			0.00	0.17	1.000	24.1	1	0.21	0.40	1.00					
7/11	24.4	0	0.00	0.16	1.000										
7/12	23.9	0	0.00	0.15	1.000										
7/13	23.9	0	0.00	0.14	1.000										
7/14	23.9	0	0.00	0.13	1.000										
7/15	24.1	0	0.00	0.13	1.000										
7/16	10.8	0	0.00	0.12	1.000										
7/17			0.00	0.12	1.000										
7/18	24.1	0	0.00	0.12	1.000										
7/19	24.0	0	0.00	0.11	1.000										
7/20	24.0	0	0.00	0.11	1.000										
7/21	24.2	0	0.00	0.11	1.000										
7/22	24.0	0	0.00	0.10	1.000										
7/23	25.4	0	0.00	0.10	1.000										
7/24															
7/25															
7/26															
Totals	668.3	13	2.87			580.0	45	9.26			425.2	41	8.79		
	Mean day catch 6/24					Mean day catch 6/18					Mean day catch 6/20				

Appendix Table 1. (p.4 of 4).

chinook salmon catch, 1991
counts begin the day the
first salmon was caught

Date	King Hours	Catch	CPUE	CUM CPUE	CP(C)
6/07					
6/08					
6/09					
6/10	22.0	4	0.91	0.91	0.13
6/11	23.6	2	0.42	0.66	0.19
6/12	24.0	1	0.21	0.50	0.22
6/13	24.0	0	0.00	0.37	0.21
6/14	24.0	1	0.21	0.34	0.24
6/15	23.9	3	0.63	0.39	0.33
6/16	24.0	0	0.00	0.33	0.33
6/17	24.2	2	0.41	0.34	0.39
6/18	23.5	2	0.43	0.35	0.45
6/19	23.8	0	0.00	0.32	0.45
6/20	24.0	0	0.00	0.29	0.45
6/21	24.1	1	0.21	0.28	0.48
6/22	24.1	0	0.00	0.26	0.48
6/23	24.0	1	0.21	0.26	0.52
6/24	23.9	4	0.84	0.29	0.64
6/25	24.0	3	0.63	0.31	0.73
6/26	24.0	1	0.21	0.31	0.76
6/27	24.1	0	0.00	0.29	0.76
6/28	24.0	1	0.21	0.29	0.79
6/29	9.1	2	1.10	0.30	0.85
6/30	0.0		0.00	0.30	0.85
7/01	23.6	3	0.64	0.32	0.94
7/02	24.0	1	0.21	0.31	0.97
7/03	24.0	0	0.00	0.30	0.97
7/04	24.0	0	0.00	0.29	0.97
7/05	24.0	0	0.00	0.27	0.97
7/06	8.7	0	0.00	0.27	0.97
7/07	0.0	0	0.00	0.27	0.97
7/08	24.0	0	0.00	0.26	0.97
7/09	24.0	0	0.00	0.25	0.97
7/10	24.0	1	0.21	0.25	1.00
7/11					
7/12					
7/13					
7/14					
7/15					
7/16					
7/17					
7/18					
7/19					
7/20					
7/21					
7/22					
7/23					
7/24					
7/25					
7/26					
Totals	662.6	33.0	7.66		

Mean day of catch 6/23

Appendix Table 2. Unalakleet test net catches of coho salmon in 5 7/8 gear, 1981-1990. (p. 1 of 5)

	coho salmon catch, 1981 count begins the day the tenth salmon was caught					coho salmon catch, 1982 count begins the day the tenth salmon was caught					coho salmon catch, 1983 count begins the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	Cum. Prop	Hours	Catch	CPUE	Cum. CPUE	Cum. Prop	Hours	Catch	CPUE	Cum. CPUE	Cum. Prop
7/25															
7/26															
7/27															
7/28															
7/29															
7/30	24.0	6	0.83	0.83	0.019										
7/31	24.0	6	0.83	0.83	0.039										
8/01	24.0	3	0.42	0.69	0.048	3.0	9	15.00	15.00	0.038					
8/02	24.0	0	0.00	0.52	0.048	4.4	3	3.41	8.11	0.051					
8/03	24.0	3	0.42	0.50	0.058			0.00	8.11	0.051					
8/04	24.0	0	0.00	0.42	0.058	13.2	8	3.03	4.85	0.085					
8/05	24.0	0	0.00	0.36	0.058	7.3	6	4.11	4.66	0.111	11.8	1	0.34	0.34	0.005
8/06	24.0	0	0.00	0.31	0.058			0.00	4.66	0.111			0.00	0.34	0.005
8/07	24.0	3	0.42	0.32	0.068			0.00	4.66	0.111	12.8	4	1.25	0.81	0.027
8/08	24.0	0	0.00	0.29	0.068	12.6	9	3.57	4.32	0.149			0.00	0.81	0.027
8/09	24.0	9	1.25	0.38	0.097	12.9	0	0.00	3.28	0.149	25.7	14	2.18	1.51	0.103
8/10	24.0	3	0.42	0.38	0.106			0.00	3.28	0.149	12.5	21	6.72	2.55	0.217
8/11	24.0	0	0.00	0.35	0.106	12.2	8	3.28	3.28	0.183			0.00	2.55	0.217
8/12	24.0	3	0.42	0.36	0.116	12.5	17	6.80	3.84	0.255	1.3	0	0.00	2.50	0.217
8/13	24.0	3	0.42	0.36	0.126			0.00	3.84	0.255			0.00	2.50	0.217
8/14	24.0	5	0.69	0.38	0.142			0.00	3.84	0.255	10.7	12	4.49	2.78	0.283
8/15	24.0	17	2.36	0.50	0.197	12.3	18	7.32	4.31	0.332			0.00	2.78	0.283
8/16	24.0	36	5.00	0.75	0.313	12.2	5	2.05	4.04	0.353	12.2	2	0.66	2.48	0.293
8/17	24.0	27	3.75	0.91	0.400			0.00	4.04	0.353	12.3	6	1.95	2.42	0.326
8/18	24.0	21	2.92	1.01	0.468	12.0	5	2.08	3.84	0.374	11.8	1	0.34	2.20	0.332
8/19	24.0	20	2.78	1.09	0.532	12.2	1	0.41	3.51	0.379			0.00	2.20	0.332
8/20	24.0	10	1.39	1.10	0.565			0.00	3.51	0.379			0.00	2.20	0.332
8/21	24.0	17	2.36	1.16	0.619			0.00	3.51	0.379	11.2	6	2.14	2.19	0.364
8/22	24.0	10	1.39	1.17	0.652	12.2	6	2.46	3.42	0.404			0.00	2.19	0.364
8/23	24.0	13	1.81	1.19	0.694	11.8	2	0.85	3.22	0.413	12.0	2	0.67	2.06	0.375
8/24	24.0	2	0.28	1.16	0.700			0.00	3.22	0.413	11.5	2	0.70	1.95	0.386
8/25	24.0	5	0.69	1.14	0.716	12.1	3	1.24	3.07	0.426			0.00	1.95	0.386
8/26	24.0	13	1.81	1.17	0.758	12.2	0	0.00	2.86	0.426	11.5	5	1.74	1.93	0.413
8/27	24.0	5	0.69	1.15	0.774			0.00	2.86	0.426			0.00	1.93	0.413
8/28	24.0	4	0.56	1.13	0.787			0.00	2.86	0.426	11.9	0	0.00	1.80	0.413
8/29	24.0	1	0.14	1.10	0.790	12.5	11	4.40	2.96	0.472			0.00	1.80	0.413
8/30	24.0	0	0.00	1.06	0.790	11.3	5	2.21	2.92	0.494	11.9	4	1.34	1.77	0.435
8/31	24.0	3	0.42	1.04	0.800			0.00	2.92	0.494	11.7	1	0.34	1.68	0.440
9/01	24.0	2	0.28	1.02	0.806	12.2	6	2.46	2.89	0.519			0.00	1.68	0.440
9/02	24.0	1	0.14	1.00	0.810	11.5	2	0.87	2.79	0.528	12.3	5	1.63	1.68	0.467
9/03	24.0	2	0.28	0.98	0.816			0.00	2.79	0.528			0.00	1.68	0.467
9/04	24.0	3	0.42	0.96	0.826			0.00	2.79	0.528	47.9	15	1.25	1.60	0.549
9/05	24.0	6	0.83	0.96	0.845	11.6	8	3.45	2.82	0.562			0.00	1.60	0.549
9/06	24.0	6	0.83	0.95	0.865	9.8	3	1.53	2.77	0.574	23.8	11	1.85	1.62	0.609
9/07	24.0	3	0.42	0.94	0.874			0.00	2.77	0.574	23.7	5	0.84	1.56	0.636
9/08	24.0	6	0.83	0.94	0.894	11.8	0	0.00	2.64	0.574	23.8	6	1.01	1.52	0.668
9/09	24.0	6	0.83	0.94	0.913			0.00	2.64	0.574	24.2	10	1.65	1.53	0.723
9/10	24.0	9	1.25	0.94	0.942	28.5	13	2.28	2.60	0.630	24.2	3	0.50	1.46	0.739
9/11	24.0	3	0.42	0.93	0.952	23.5	14	2.98	2.63	0.689	24.2	2	0.33	1.39	0.750
9/12	24.0	3	0.42	0.92	0.961	25.6	8	1.56	2.55	0.723	24.1	8	1.33	1.39	0.793
9/13	24.0	6	0.83	0.92	0.981	25.6	5	0.98	2.44	0.745			0.00	1.39	0.793
9/14	24.0	0	0.00	0.90	0.981	21.3	6	1.41	2.38	0.770	22.7	14	2.47	1.44	0.870
9/15	24.0	0	0.00	0.88	0.981	26.7	7	1.31	2.31	0.800	24.2	9	1.49	1.44	0.918
9/16	24.0	3	0.42	0.87	0.990	22.2	5	1.13	2.25	0.821	21.0	3	0.57	1.41	0.935
9/17	24.0	0	0.00	0.85	0.990	24.8	10	2.02	2.24	0.864	23.9	2	0.33	1.36	0.946
9/18	24.0	0	0.00	0.84	0.990	22.1	15	3.39	2.29	0.928	23.0	2	0.35	1.31	0.957
9/19	24.0	0	0.00	0.82	0.990	30.2	4	0.66	2.19	0.945			0.00	1.31	0.957
9/20	24.0	3	0.42	0.81	1.000	19.1	0	0.00	2.11	0.945	48.9	4	0.33	1.23	0.978
9/21						26.2	4	0.76	2.05	0.962	24.0	3	0.50	1.20	0.995
9/22						27.6	6	1.09	2.00	0.987	24.2	0	0.00	1.16	0.995
9/23						20.2	2	0.50	1.95	0.996	23.4	1	0.17	1.12	1.000
9/24						23.8	1	0.21	1.89	1.000					
9/25															
9/26															
9/27															
Totals	1272.0	310	43.06			623.2	235	90.80			656.3	184	41.44		
	Mean day of catch 8/19					Mean day of catch 9/01					Mean day of catch 9/04				

- continued -

Appendix Table 2. (p. 2 of 5).

	coho salmon catch, 1984 counts begin the day the tenth salmon was caught					coho salmon catch, 1985 counts begin the day the tenth salmon was caught					coho salmon catch, 1986 counts begin the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	Cum. Prop	Hours	Catch	CPUE	Cum. CPUE	Cum. Prop	Hours	Catch	CPUE	Cum. CPUE	CP(C)
7/25															
7/26															
7/27															
7/28											24.2	2	0.41	0.41	0.000
7/29											24.2	1	0.21	0.31	0.000
7/30	24.6	16	3.25	3.25	0.066						23.9	2	0.42	0.35	0.015
7/31	2.7	2	3.70	3.30	0.074						24.5	7	1.43	0.62	0.022
8/01	23.3	26	5.58	4.35	0.180								0.00	0.62	0.037
8/02			0.00	4.35	0.180								0.00	0.62	0.090
8/03	4.6	16	17.39	5.43	0.246	10.7	2	0.93	0.93	0.011			0.00	0.62	0.090
8/04			0.00	5.43	0.246			0.00	0.93	0.011			0.00	0.62	0.090
8/05			0.00	5.43	0.246	23.8	3	0.63	0.72	0.029	24.2	23	4.75	1.45	0.090
8/06	24.3	10	2.06	4.40	0.287	24.3	2	0.41	0.60	0.040	24.2	15	3.10	1.72	0.090
8/07			0.00	4.40	0.287	24.0	4	0.83	0.66	0.063	23.7	8	1.69	1.72	0.261
8/08	23.3	11	2.36	3.94	0.332	24.0	3	0.63	0.66	0.080	24.4	1	0.20	1.53	0.373
8/09			0.00	3.94	0.332	24.0	2	0.42	0.61	0.091	11.9	3	1.26	1.51	0.433
8/10	23.9	8	1.67	3.51	0.365	11.0	0	0.00	0.56	0.091			0.00	1.51	0.440
8/11			0.00	3.51	0.365			0.00	0.56	0.091	24.0	4	0.83	1.44	0.463
8/12			0.00	3.51	0.365	24.2	2	0.41	0.54	0.103	24.2	2	0.41	1.34	0.463
8/13	24.0	5	1.04	3.12	0.385	24.0	1	0.21	0.50	0.109	24.0	5	1.04	1.32	0.493
8/14	24.2	4	0.83	2.80	0.402	29.2	10	1.71	0.66	0.166	24.1	2	0.41	1.24	0.507
8/15	23.8	5	1.05	2.59	0.422	19.5	7	1.79	0.75	0.206	24.1	0	0.00	1.15	0.545
8/16			0.00	2.59	0.422	23.5	6	1.28	0.80	0.240	12.0	0	0.00	1.11	0.560
8/17	25.0	6	1.20	2.44	0.447	11.6	6	2.59	0.88	0.274			0.00	1.11	0.560
8/18			0.00	2.44	0.447			0.00	0.88	0.274	23.9	5	1.05	1.11	0.560
8/19			0.00	2.44	0.447	24.1	26	5.39	1.24	0.423	24.1	0	0.00	1.04	0.560
8/20	24.0	11	2.29	2.42	0.492	23.8	5	1.05	1.23	0.451	24.0	1	0.21	0.99	0.597
8/21			0.00	2.42	0.492	24.8	14	2.82	1.34	0.531	24.0	4	0.83	0.98	0.597
8/22	24.7	4	0.81	2.28	0.508	23.8	6	1.26	1.34	0.566	23.9	1	0.21	0.94	0.604
8/23	23.2	6	1.29	2.20	0.533	23.7	8	1.69	1.36	0.611	11.8	1	0.42	0.93	0.634
8/24	24.0	9	1.88	2.17	0.570	9.1	2	1.10	1.35	0.623			0.00	0.93	0.642
8/25			0.00	2.17	0.570			0.00	1.35	0.623	23.9	1	0.21	0.89	0.649
8/26			0.00	2.17	0.570	23.0	12	2.61	1.42	0.691	24.0	3	0.63	0.88	0.649
8/27	23.0	6	1.30	2.12	0.594	24.2	4	0.83	1.39	0.714	24.0	2	0.42	0.86	0.657
8/28	22.8	9	1.97	2.11	0.631	24.2	8	1.65	1.40	0.760			0.00	0.86	0.679
8/29	25.3	11	2.17	2.11	0.676	23.7	5	1.05	1.38	0.789	48.0	7	0.73	0.85	0.694
8/30	24.2	4	0.83	2.04	0.693	24.2	2	0.41	1.34	0.800	11.8	0	0.00	0.83	0.694
8/31	30.7	7	1.14	1.97	0.721	23.5	0	0.00	1.28	0.800			0.00	0.83	0.746
9/01			0.00	1.97	0.721			0.00	1.28	0.800			0.00	0.83	0.746
9/02			0.00	1.97	0.721			0.00	1.28	0.800	24.0	4	0.83	0.83	0.746
9/03	16.7	5	1.50	1.96	0.742	24.4	3	0.61	1.25	0.817	24.1	9	1.87	0.87	0.746
9/04	23.0	6	1.30	1.93	0.766	23.6	2	0.42	1.22	0.829	23.9	6	1.26	0.88	0.776
9/05	24.2	7	1.45	1.90	0.795	24.0	3	0.63	1.20	0.846	23.9	4	0.84	0.88	0.843
9/06	24.2	9	1.86	1.90	0.832	24.1	6	1.24	1.20	0.880	24.1	1	0.21	0.86	0.888
9/07	24.3	10	2.06	1.91	0.873	11.8	5	2.13	1.22	0.909			0.00	0.86	0.918
9/08			0.00	1.91	0.873			0.00	1.22	0.909			0.00	0.86	0.925
9/09			0.00	1.91	0.873	5.8	2	1.74	1.22	0.920	72.3	6	0.41	0.82	0.970
9/10	23.5	5	1.06	1.87	0.893			0.00	1.22	0.920	23.9	4	0.84	0.82	1.000
9/11	33.1	2	0.30	1.79	0.902			0.00	1.22	0.920					
9/12	22.0	3	0.68	1.75	0.914			0.00	1.22	0.920					
9/13	17.0	3	0.88	1.73	0.926	26.2	7	1.34	1.23	0.960					
9/14	23.7	1	0.21	1.68	0.930			0.00	1.23	0.960					
9/15			0.00	1.68	0.930			0.00	1.23	0.960					
9/16			0.00	1.68	0.930			0.00	1.23	0.960					
9/17	24.6	4	0.81	1.65	0.947			0.00	1.23	0.960					
9/18	24.4	4	0.82	1.62	0.963			0.00	1.23	0.960					
9/19			0.00	1.62	0.963	24.0	0	0.00	1.18	0.960					
9/20	23.8	7	1.47	1.61	0.992	24.2	4	0.83	1.17	0.983					
9/21	8.6	0	0.00	1.59	0.992	24.1	3	0.62	1.15	1.000					
9/22			0.00	1.59	0.992										
9/23			0.00	1.59	0.992										
9/24	23.6	2	0.42	1.56	1.000										
9/25															
9/26															
9/27															
Totals	853.8	244	68.7			767.8	175	41.3			817.2	134	27.1		
	Mean day of catch 8/22					Mean day of catch 8/21					Mean day of catch 8/14				

- continued -

Appendix Table 2. (p. 3 of 6)

	coho salmon catch, 1987 count begins the day the tenth salmon was caught.					coho salmon catch, 1988 count begins the day the tenth salmon was caught.				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
7/25										
7/26										
7/27							1	0.00	0.00	0.006
7/28							3	0.00	0.00	0.022
7/29							2	0.00	0.00	0.034
7/30		1	0.00	0.00	0.008		0	0.00	0.00	0.034
7/31		0	0.00	0.00	0.008			0.00	0.00	0.034
8/01			0.00	0.00	0.008		3	0.00	0.00	0.051
8/02		0	0.00	0.00	0.008	24.0	5	1.04	2.92	0.079
8/03		2	0.00	0.00	0.023	24.1	5	1.04	1.98	0.107
8/04		1	0.00	0.00	0.038	23.9	8	1.67	1.88	0.152
8/05		1	0.00	0.00	0.038	24.2	1	0.21	1.46	0.157
8/06	24.3	8	1.65	1.65	0.098	10.2	2	0.98	0.09	0.169
8/07	24.1	0	0.00	0.83	0.098			0.00	0.09	0.169
8/08	10.4	0	0.00	0.68	0.098	23.9	22	4.60	0.92	0.292
8/09			0.00	0.68	0.098	24.1	16	3.32	1.30	0.382
8/10	24.2	7	1.45	0.90	0.150			0.00	1.30	0.382
8/11	23.8	1	0.21	0.75	0.158	47.9	16	1.67	1.38	0.472
8/12	23.9	1	0.21	0.65	0.165	23.9	7	1.46	1.39	0.511
8/13	24.3	2	0.41	0.61	0.180	9.1	3	1.65	1.40	0.528
8/14	23.9	5	1.05	0.67	0.218			0.00	1.40	0.528
8/15	23.8	4	0.84	0.69	0.248	16.1	4	1.24	1.39	0.551
8/16	24.8	2	0.42	0.66	0.263	23.9	0	0.00	1.27	0.551
8/17	24.2	2	0.41	0.64	0.278	23.9	4	0.84	1.24	0.573
8/18	23.8	1	0.21	0.60	0.286	23.9	2	0.42	1.18	0.584
8/19	24.0	6	1.25	0.65	0.331			0.00	1.18	0.584
8/20	24.2	7	1.45	0.71	0.383	33.9	1	0.15	1.08	0.590
8/21	24.0	7	1.46	0.76	0.436			0.00	1.08	0.590
8/22	24.0	5	1.04	0.78	0.474	24.0	0	0.00	1.01	0.590
8/23	23.9	2	0.42	0.76	0.489	24.0	2	0.42	0.98	0.601
8/24	23.9	2	0.42	0.74	0.504	24.5	11	2.24	1.05	0.663
8/25	24.2	3	0.62	0.73	0.526	23.7	5	1.05	1.05	0.691
8/26	24.1	4	0.83	0.74	0.556	23.7	4	0.84	1.04	0.713
8/27	24.0	2	0.42	0.72	0.571	9.8	3	1.53	1.05	0.730
8/28	23.9	1	0.21	0.70	0.579			0.00	1.05	0.730
8/29	10.8	0	0.00	0.68	0.579	24.0	3	0.63	1.03	0.747
8/30			0.00	0.68	0.579	24.0	2	0.42	1.00	0.758
8/31	13.1	8	3.05	0.74	0.639	24.1	3	0.62	0.98	0.775
9/01	24.2	7	1.45	0.77	0.692	24.1	5	1.04	0.99	0.803
9/02	23.9	3	0.63	0.77	0.714	23.9	5	1.05	0.99	0.831
9/03	23.9	3	0.63	0.76	0.737	10.2	0	0.00	0.97	0.831
9/04	24.1	6	1.24	0.78	0.782			0.00	0.97	0.831
9/05	24.8	4	0.81	0.78	0.812	23.9	3	0.63	0.96	0.848
9/06	23.5	10	2.13	0.83	0.887	23.0	1	0.22	0.93	0.854
9/07			0.00	0.83	0.887	25.0	1	0.20	0.91	0.860
9/08	47.8	15	1.57	0.88	1.000	24.2	9	1.86	0.94	0.910
9/09						24.2	5	1.03	0.94	0.938
9/10						24.0	1	0.21	0.92	0.944
9/11								0.00	0.92	0.944
9/12						48.0	10	1.04	0.93	1.000
Totals	731.0	133	26.46			809.3	178	35.32		
	Mean day of catch 8/24					Mean day of catch 8/12				

- continued -

Appendix Table 2. (p. 4 of 5).

	coho salmon catch, 1989 counts begin the day the tenth salmon was caught					coho salmon catch, 1990 counts begin the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
7/10										
7/11										
7/12										
7/13		1	0.21							
7/14			0.00							
7/15			0.00							
7/16			0.00							
7/17			0.00							
7/18		1	0.21							
7/19			0.00							
7/20			0.00							
7/21		1	0.21							
7/22			0.00							
7/23			0.00							
7/24			0.00							
7/25			0.00							
7/26		2	0.42							
7/27	24.5	5	1.02	1.02	0.03					
7/28	23.7	1	0.21	0.62	0.03					
7/29	10.2	2	0.98	0.68	0.04					
7/30	0.0	0	0.00	0.68	0.04	24.3	4	0.82		
7/31	24.3	2	0.41	0.60	0.06	24.0	0	0.00		
8/01	23.8	4	0.84	0.66	0.08	23.7	0	0.00		
8/02	24.5	5	1.02	0.72	0.10	23.9	5	1.05		
8/03	23.8	3	0.63	0.71	0.12	25.3	6	1.19	1.19	0.06
8/04	24.0	5	1.04	0.76	0.15	7.5	0	0.00	0.91	0.06
8/05	10.2	5	2.45	0.85	0.18	0.0	0	0.00	0.91	0.06
8/06	0.0	0	0.00	0.85	0.18	23.2	10	2.16	1.43	0.10
8/07	24.3	1	0.21	0.77	0.18	24.0	1	0.21	1.06	0.10
8/08	23.9	4	0.84	0.78	0.20	24.0	8	1.67	1.20	0.13
8/09	24.2	6	1.24	0.82	0.24	23.8	8	1.68	1.29	0.16
8/10	23.8	6	1.26	0.86	0.27	23.8	3	0.63	1.19	0.17
8/11	0.0	0	0.00	0.86	0.27	11.0	1	0.45	1.14	0.17
8/12	33.8	3	0.44	0.82	0.29	0.0	0	0.00	1.14	0.17
8/13	0.0	0	0.00	0.82	0.29	22.0	13	2.95	1.35	0.22
8/14	24.0	21	4.38	1.06	0.40	24.0	17	3.54	1.61	0.29
8/15	24.2	14	2.89	1.18	0.48	24.0	12	2.50	1.70	0.33
8/16	24.2	10	2.07	1.24	0.54	24.0	23	4.79	1.99	0.42
8/17	23.6	7	1.48	1.25	0.57	24.2	12	2.48	2.03	0.47
8/18	0.0	0	0.00	1.25	0.57	9.4	5	2.66	2.05	0.49
8/19	32.8	10	1.52	1.27	0.63	0.0	0	0.00	2.05	0.49
8/20	0.0		0.00	1.27	0.63	23.5	10	2.13	2.06	0.52
8/21	24.0	2	0.42	1.23	0.64	24.2	17	3.51	2.16	0.59
8/22	24.0	4	0.83	1.21	0.66	24.6	15	3.05	2.22	0.65
8/23	23.5	5	1.06	1.20	0.69	23.2	20	4.31	2.35	0.72
8/24	0.0		0.00	1.20	0.69	24.2	8	1.65	2.31	0.75
8/25	34.5	5	0.72	1.17	0.72	8.5	2	1.18	2.28	0.76
8/26	25.0	4	0.80	1.16	0.74	0.0	0	0.00	2.28	0.76
8/27	0.0		0.00	1.16	0.74	16.9	18	5.33	2.40	0.83
8/28	24.0	8	1.67	1.18	0.78	24.0	11	2.29	2.39	0.87
8/29	25.8	9	1.74	1.20	0.83	24.0	11	2.29	2.39	0.91
8/30	22.8	4	0.88	1.19	0.86	24.1	5	1.04	2.33	0.93
8/31	23.7	4	0.84	1.18	0.88	24.0	2	0.42	2.24	0.94
9/01	23.8	6	1.26	1.18	0.91	9.0	0	0.00	2.20	0.94
9/02	11.8	1	0.42	1.17	0.92	0.0	0	0.00	2.20	0.94
9/03	0.0		0.00	1.17	0.92	23.7	1	0.21	2.12	0.94
9/04	23.3	2	0.43	1.14	0.93	23.2	3	0.65	2.06	0.95
9/05	24.0	2	0.42	1.12	0.94	33.0	6	0.91	2.00	0.98
9/06			0.00	1.12	0.94	0.0	0	0.00	2.00	0.98
9/07	48.3	3	0.31	1.07	0.96	0.0	0	0.00	2.00	0.98
9/08	23.7	2	0.42	1.05	0.97	0.0	0	0.00	2.00	0.98
9/09	24.0	2	0.42	1.04	0.98	0.0	0	0.00	2.00	0.98
9/10	24.0	2	0.42	1.02	0.99	14.1	3	1.06	1.98	0.99
9/11	23.8	0	0.00	0.99	0.99	23.5	2	0.43	1.92	1.00
9/12	24.0	2	0.42	0.98	1.00	24.0	1	0.21	1.86	1.00
Totals	925.8	186	39.46			777.8	263	59.43		
	Mean day of catch 8/16					Mean day of catch 8/19				

Appendix Table 2. (p.5 of 5).

coho salmon catch, 1991
count begins the day the
tenth salmon was caught

Date	Coho Hours	Catch	CPUE	CUM CPUE	CP(C)	Coho Hours
7/10						
7/11						
7/12						
7/13						
7/14						
7/15						
7/16						
7/17						
7/18						
7/19						
7/20						
7/21						
7/22						
7/23		2				
7/24		0				
7/25		0				
7/26		0				
7/27		0				
7/28		0				
7/29		3				
7/30		1				
7/31		2				
8/01		1				
8/02		0				
8/03	8.1	1	0.62	0.62	0.01	
8/04	0.0		0.00	0.62	0.01	
8/05	23.7	1	0.21	0.31	0.01	
8/06	24.0	3	0.63	0.45	0.03	
8/07	24.0	3	0.63	0.50	0.05	
8/08	24.2	12	2.48	0.96	0.13	
8/09	23.8	3	0.63	0.90	0.15	
8/10	9.1	1	0.55	0.88	0.16	
8/11	0.0		0.00	0.88	0.16	
8/12	23.9	7	1.46	0.96	0.20	
8/13	24.0	1	0.21	0.87	0.21	
8/14	24.0	1	0.21	0.79	0.22	
8/15	24.0	3	0.63	0.77	0.24	
8/16	24.0	0	0.00	0.70	0.24	
8/17	9.0	0	0.00	0.68	0.24	
8/18	0.0		0.00	0.68	0.24	
8/19	23.8	5	1.05	0.71	0.27	
8/20	24.0	2	0.42	0.69	0.28	
8/21	24.0	10	2.08	0.78	0.35	
8/22	24.0	8	1.67	0.84	0.40	
8/23	24.0	5	1.04	0.86	0.43	
8/24	8.5	1	0.59	0.85	0.44	
8/25	0.0		0.00	0.85	0.44	
8/26	23.5	9	1.91	0.91	0.50	
8/27	24.0	4	0.83	0.91	0.53	
8/28	24.3	1	0.21	0.87	0.53	
8/29	25.6	1	0.20	0.83	0.54	
8/30	22.5	4	0.89	0.84	0.57	
8/31	8.4	0	0.00	0.82	0.57	
9/01	0.0		0.00	0.82	0.57	
9/02	23.4	11	2.35	0.89	0.64	
9/03	24.0	10	2.08	0.94	0.70	
9/04	24.2	13	2.69	1.01	0.79	
9/05	24.0	5	1.04	1.01	0.82	
9/06	23.9	8	1.67	1.04	0.88	
9/07	8.3	6	3.61	1.07	0.91	
9/08	0.0		0.00	1.07	0.91	
9/09	24.2	8	1.65	1.09	0.97	
9/10	23.7	5	1.05	1.09	1.00	
Totals	698	152	35.29			

Mean day of catch 8/26

Appendix Table 3. Unalakleet test net catches of pink salmon in 5 7/8" gear, 1981-90. (p. 1 of 5)

	pink salmon catch, 1981 counts begin the day the tenth salmon was caught					pink salmon catch, 1982 counts begin the day the tenth salmon was caught					pink salmon catch, 1983 counts begin the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/14															
6/15															
6/16															
6/17						24.0	13	2.71	2.71	0.015					
6/18								0.00	2.71	0.015					
6/19								0.00	2.71	0.015					
6/20						12.0	11	4.58	3.33	0.028					
6/21								0.00	3.33	0.028					
6/22						12.0	10	4.17	3.54	0.040					
6/23						12.0	13	5.42	3.92	0.055					
6/24								0.00	3.92	0.055					
6/25						11.9	36	15.13	5.77	0.098					
6/26								0.00	5.77	0.098					
6/27						12.1	37	15.29	7.14	0.141					
6/28								0.00	7.14	0.141					
6/29						12.2	24	9.84	7.48	0.169	11.5	8	2.78	2.78	0.047
6/30						13.5	23	8.52	7.61	0.196			0.00	2.78	0.047
7/01								0.00	7.61	0.196	11.9	19	6.39	4.62	0.160
7/02						12.0	87	36.25	10.44	0.298			0.00	4.62	0.160
7/03								0.00	10.44	0.298	11.9	6	2.02	3.74	0.195
7/04						13.5	61	22.59	11.65	0.370			0.00	3.74	0.195
7/05								0.00	11.65	0.370	11.9	15	5.04	4.07	0.284
7/06						12.0	64	26.67	12.87	0.445	12.0	2	0.67	3.38	0.296
7/07						5.5	63	57.27	14.47	0.519			0.00	3.38	0.296
7/08								0.00	14.47	0.519	12.1	12	3.97	3.48	0.367
7/09						9.0	12	6.67	14.04	0.533			0.00	3.48	0.367
7/10								0.00	14.04	0.533	11.4	12	4.21	3.58	0.438
7/11						6.5	12	9.23	13.85	0.548			0.00	3.58	0.438
7/12								0.00	13.85	0.548	11.5	19	6.61	3.95	0.550
7/13						12.2	49	20.08	14.27	0.605	11.6	15	5.17	4.08	0.639
7/14						9.0	40	22.22	14.65	0.652			0.00	4.08	0.639
7/15								0.00	14.65	0.652	11.7	13	4.44	4.12	0.716
7/16						11.8	64	27.12	15.38	0.727			0.00	4.12	0.716
7/17	24.0	20	8.33	8.33	0.056			0.00	15.38	0.727	11.8	10	3.39	4.05	0.775
7/18	24.0	20	8.33	8.33	0.111	12.0	80	33.33	16.39	0.821			0.00	4.05	0.775
7/19	24.0	23	9.58	8.75	0.175	12.0	53	22.08	16.70	0.884	11.8	9	3.05	3.97	0.828
7/20	24.0	15	6.25	8.13	0.217			0.00	16.70	0.884	11.5	0	0.00	3.67	0.828
7/21	24.0	51	21.25	10.75	0.358	11.8	49	20.76	16.90	0.941			0.00	3.67	0.828
7/22	24.0	55	22.92	12.78	0.511	24.5	37	7.55	16.02	0.985	12.2	19	6.23	3.86	0.941
7/23	24.0	28	11.67	12.62	0.589			0.00	16.02	0.985			0.00	3.86	0.941
7/24	24.0	17	7.08	11.93	0.636			0.00	16.02	0.985	11.5	2	0.70	3.65	0.953
7/25	24.0	22	9.17	11.62	0.697	12.6	8	3.17	15.43	0.994			0.00	3.65	0.953
7/26	24.0	14	5.83	11.04	0.736	2.5	1	2.00	15.31	0.995	12.0	3	1.00	3.48	0.970
7/27	24.0	12	5.00	10.49	0.769			0.00	15.31	0.995	11.7	2	0.68	3.32	0.982
7/28	24.0	5	2.08	9.79	0.783			0.00	15.31	0.995			0.00	3.32	0.982
7/29	24.0	9	3.75	9.33	0.808	4.6	2	2.17	15.10	0.998	11.7	0	0.00	3.14	0.982
7/30	24.0	8	3.33	8.90	0.831			0.00	15.10	0.998			0.00	3.14	0.982
7/31	24.0	10	4.17	8.58	0.858			0.00	15.10	0.998	11.6	0	0.00	2.97	0.982
8/01	24.0	4	1.67	8.15	0.869			0.00	15.10	0.998			0.00	2.97	0.982
8/02	24.0	4	1.67	7.77	0.881	4.4	0	0.00	14.86	0.998	12.1	0	0.00	2.82	0.982
8/03	24.0	6	2.50	7.48	0.897			0.00	14.86	0.998	12.2	0	0.00	2.68	0.982
8/04	24.0	4	1.67	7.17	0.908	13.2	1	0.38	14.22	0.999			0.00	2.68	0.982
8/05	24.0	2	0.83	6.85	0.914	7.3	0	0.00	13.88	0.999	11.8	1	0.34	2.58	0.988
8/06	24.0	10	4.17	6.73	0.942			0.00	13.88	0.999			0.00	2.58	0.988
8/07	24.0	12	5.00	6.65	0.975			0.00	13.88	0.999	12.8	0	0.00	2.45	0.988
8/08	24.0	1	0.42	6.38	0.978	12.6	0	0.00	13.34	0.999			0.00	2.45	0.988
8/09	24.0	1	0.42	6.13	0.981	12.9	0	0.00	12.82	0.999	25.7	0	0.00	2.24	0.988
8/10	24.0	2	0.83	5.92	0.986			0.00	12.82	0.999	12.5	0	0.00	2.15	0.988
8/11	24.0	2	0.83	5.72	0.992	12.2	0	0.00	12.36	0.999			0.00	2.15	0.988
8/12	24.0	3	1.25	5.56	1.000	12.5	0	0.00	11.93	0.999	1.3	0	0.00	2.14	0.988
8/13	24.0	0	0.00	5.36	1.000			0.00	11.93	0.999			0.00	2.14	0.988
8/14	24.0	0	0.00	5.17	1.000			0.00	11.93	0.999	10.7	1	0.37	2.08	0.994
8/15						12.3	1	0.41	11.54	1.000			0.00	2.08	0.994
8/16											12.2	1	0.33	2.02	1.000
8/17															
8/18															
8/19															
8/20															
Totals	696.6	360	150.00			368.6	851	385.6			334.6	169	57.4		
	Mean day of catch 7/22					Mean day of catch 7/07					Mean day of catch 7/12				

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Appendix Table 3. (p. 2 of 5)

	pink salmon catch, 1984 counts begin the day the tenth salmon was caught					pink salmon catch, 1985 counts begin the day the first salmon was caught					pink salmon catch, 1986 count begins the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/14															
6/15															
6/16												1	0.00	0.00	0.000
6/17												1	0.00	0.00	0.000
6/18												0	0.00	0.00	0.000
6/19												1	0.00	0.00	0.000
6/20												1	0.00	0.00	0.000
6/21											23.9	7	1.46	1.46	0.010
6/22	24.1	11	2.28	2.28	0.017						24.3	13	2.67	2.07	0.028
6/23			0.00	2.28	0.017						23.9	21	4.39	2.84	0.057
6/24			0.00	2.28	0.017						23.7	37	7.81	4.07	0.108
6/25	24.2	12	2.48	2.38	0.035						24.0	51	10.63	5.38	0.179
6/26			0.00	2.38	0.035						25.0	39	7.80	5.80	0.234
6/27	24.5	29	5.92	3.57	0.079						24.0	27	5.63	5.78	0.271
6/28			0.00	3.57	0.079						12.1	8	3.31	5.61	0.282
6/29	24.4	29	5.94	4.17	0.123	24.1	1	0.21	0.21	0.077	0.0	0	0.00	5.61	0.282
6/30			0.00	4.17	0.123	23.7	1	0.21	0.21	0.154	24.0	64	13.33	6.52	0.371
7/01			0.00	4.17	0.123	9.8	0	0.00	0.17	0.154	24.1	75	15.56	7.47	0.476
7/02	23.8	41	8.61	5.04	0.186	7.0	0	0.00	0.15	0.154	23.9	66	13.81	8.07	0.567
7/03			0.00	5.04	0.186	24.0	0	0.00	0.11	0.154	24.1	29	6.02	7.89	0.608
7/04	24.0	32	6.67	5.31	0.234	23.8	0	0.00	0.09	0.154	23.9	28	5.86	7.73	0.647
7/05			0.00	5.31	0.234	23.9	0	0.00	0.07	0.154	12.2	11	4.51	7.60	0.662
7/06	24.1	45	9.34	5.88	0.303	9.2	1	0.54	0.10	0.231	0.0	0	0.00	7.60	0.662
7/07			0.00	5.88	0.303			0.00	0.10	0.231	24.4	2	0.41	7.08	0.665
7/08			0.00	5.88	0.303	23.2	1	0.22	0.12	0.308	24.5	2	0.41	6.63	0.668
7/09	24.1	61	12.66	6.73	0.396	24.1	0	0.00	0.10	0.308	23.8	4	0.84	6.27	0.673
7/10			0.00	6.73	0.396	23.9	0	0.00	0.09	0.308	23.9	3	0.63	5.94	0.677
7/11	23.9	81	16.95	7.85	0.519	24.1	0	0.00	0.08	0.308	24.2	3	0.62	5.65	0.682
7/12			0.00	7.85	0.519	24.4	0	0.00	0.08	0.308	12.4	1	0.40	5.50	0.683
7/13	24.1	97	20.12	9.08	0.667	8.6	0	0.00	0.07	0.308	0.0	0	0.00	5.50	0.683
7/14			0.00	9.08	0.667			0.00	0.07	0.308	24.6	3	0.61	5.25	0.687
7/15			0.00	9.08	0.667	24.3	0	0.00	0.07	0.308	23.0	2	0.43	5.02	0.690
7/16	24.0	48	10.00	9.16	0.740	23.9	0	0.00	0.06	0.308	24.1	3	0.62	4.82	0.694
7/17			0.00	9.16	0.740	24.3	3	0.62	0.10	0.538	24.0	14	2.92	4.73	0.713
7/18	24.2	37	7.64	9.04	0.796	33.8	4	0.59	0.14	0.846	26.4	24	4.55	4.72	0.747
7/19			0.00	9.04	0.796	24.1	0	0.00	0.14	0.846	0.0	0	0.00	4.72	0.747
7/20	24.0	44	9.17	9.05	0.863			0.00	0.14	0.846	0.0	0	0.00	4.72	0.747
7/21			0.00	9.05	0.863			0.00	0.14	0.846	0.0	0	0.00	4.72	0.747
7/22			0.00	9.05	0.863	24.2	1	0.21	0.14	0.923	24.2	13	2.69	4.64	0.765
7/23	23.5	49	10.43	9.14	0.938	24.9	0	0.00	0.13	0.923	26.8	10	1.87	4.52	0.779
7/24			0.00	9.14	0.938	23.1	1	0.22	0.14	1.000	12.9	23	8.91	4.61	0.811
7/25	23.9	12	2.51	8.70	0.956						24.1	41	8.51	4.75	0.868
7/26	24.0	15	3.13	8.35	0.979						12.0	22	9.17	4.83	0.898
7/27	24.1	9	1.87	7.97	0.992						0.0	0	0.00	4.83	0.898
7/28	11.4	0	0.00	7.76	0.992						24.2	7	1.45	4.71	0.908
7/29			0.00	7.76	0.992						24.2	7	1.45	4.60	0.918
7/30	24.6	1	0.20	7.34	0.994						23.9	3	0.63	4.48	0.922
7/31	2.7	0	0.00	7.29	0.994						24.5	10	2.04	4.40	0.936
8/01	23.3	2	0.43	6.95	0.997								0.00	4.40	0.936
8/02			0.00	6.95	0.997								0.00	4.40	0.936
8/03	4.6	0	0.00	6.89	0.997								0.00	4.40	0.936
8/04			0.00	6.89	0.997								0.00	4.40	0.936
8/05			0.00	6.89	0.997						24.2	14	2.89	4.35	0.955
8/06	24.3	0	0.00	6.55	0.997						24.2	6	1.24	4.26	0.964
8/07			0.00	6.55	0.997						23.7	7	1.48	4.18	0.974
8/08	23.3	0	0.00	6.26	0.997						24.4	1	0.20	4.07	0.975
8/09			0.00	6.26	0.997						11.9	2	0.84	4.02	0.978
8/10	23.9	0	0.00	5.99	0.997								0.00	4.02	0.978
8/11			0.00	5.99	0.997						24.0	6	1.25	3.95	0.986
8/12			0.00	5.99	0.997						24.2	2	0.41	3.86	0.989
8/13	24.0	2	0.42	5.75	1.000						24.0	0	0.00	3.76	0.989
8/14											24.1	1	0.21	3.67	0.990
8/15											24.1	3	0.62	3.60	0.994
8/16											12.0	2	0.83	3.56	0.997
8/17													0.00	3.56	0.997
8/18											23.9	0	0.00	3.48	0.997
8/19											24.1	1	0.21	3.41	0.999
8/20											24.0	1	0.21	3.33	1.000
Totals	571.0	657	136.8			476.4	13	2.8			1078.0	719	162.3		
	Mean day of catch 7/11					Mean day of catch 7/17					Mean day of catch 7/02				

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Appendix Table 3. (p. 3 of 5)

	Pink salmon catch, 1987 Counts begin the day the tenth salmon was caught.					Pink salmon catch, 1988 Counts begin the day the tenth salmon was caught.				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/14							1	0.00	0.00	0.001
6/15							2	0.00	0.00	0.003
6/16							2	0.00	0.00	0.006
6/17								0.00	0.00	0.006
6/18							1	0.00	0.00	0.007
6/19								0.00	0.00	0.007
6/20						24.3	32	6.58	7.82	0.044
6/21						23.9	20	4.18	6.02	0.067
6/22						24.0	35	7.29	6.44	0.107
6/23						24.2	22	4.55	5.96	0.132
6/24						23.7	10	2.11	5.20	0.144
6/25						9.0	16	8.89	5.46	0.162
6/26								0.00	5.46	0.162
6/27						24.1	54	11.20	6.36	0.225
6/28								0.00	6.36	0.225
6/29						53.0	53	5.00	6.01	0.286
6/30						19.1	38	9.95	6.35	0.329
7/01						24.2	72	14.88	7.17	0.412
7/02						10.3	27	13.11	7.41	0.444
7/03								0.00	7.41	0.444
7/04						24.2	38	7.85	7.45	0.487
7/05						24.0	32	6.67	7.39	0.524
7/06						24.0	23	4.79	7.20	0.551
7/07						24.1	29	6.02	7.12	0.584
7/08	24.1	2	0.41	0.41	0.022	23.9	27	5.65	7.03	0.615
7/09	24.0	1	0.21	0.31	0.034	11.6	22	9.48	7.10	0.641
7/10	24.3	5	1.03	0.55	0.090			0.00	7.10	0.641
7/11	11.2	1	0.45	0.54	0.101	24.4	115	23.57	8.06	0.773
7/12			0.00	0.54	0.101	23.9	52	10.88	8.22	0.833
7/13	23.3	1	0.21	0.47	0.112	23.9	36	7.53	8.18	0.874
7/14	23.9	0	0.00	0.38	0.112	23.9	14	2.93	7.92	0.891
7/15			0.00	0.38	0.112	24.1	9	1.87	7.64	0.901
7/16	48.4	10	1.03	0.56	0.225	10.8	7	3.24	7.55	0.909
7/17	23.8	2	0.42	0.54	0.247			0.00	7.55	0.909
7/18	10.9	0	0.00	0.51	0.247	24.1	14	2.90	7.34	0.925
7/19			0.00	0.51	0.247	24.0	12	2.50	7.14	0.939
7/20	24.2	19	3.93	0.86	0.461	24.0	6	1.25	6.90	0.946
7/21	23.8	22	4.62	1.20	0.708	24.2	8	1.65	6.70	0.955
7/22	24.0	18	3.75	1.42	0.910	24.0	6	1.25	6.49	0.962
7/23	24.3	3	0.62	1.35	0.944	25.4	3	0.59	6.27	0.965
7/24	23.8	4	0.84	1.32	0.989			0.00	6.27	0.965
7/25	10.5	0	0.00	1.28	0.989			0.00	6.27	0.965
7/26			0.00	1.28	0.989			0.00	6.27	0.965
7/27	23.4	0	0.00	1.20	0.989	22.7	8	1.76	6.12	0.975
7/28	24.3	1	0.21	1.13	1.000	24.3	5	1.03	5.95	0.980
7/29						23.6	4	0.85	5.79	0.985
7/30						10.3	1	0.49	5.71	0.986
7/31								0.00	5.71	0.986
8/01						24.0	0	0.00	5.54	0.986
8/02						24.0	1	0.21	5.38	0.987
8/03						24.1	1	0.21	5.00	0.988
8/04						23.9	2	0.42	5.09	0.991
8/05						24.2	1	0.21	4.95	0.992
8/06						10.2	1	0.49	4.90	0.993
8/07								0.00	4.90	0.993
8/08						23.9	2	0.42	4.78	0.995
8/09						24.1	1	0.21	4.66	0.997
8/10								0.00	4.66	0.997
8/11						47.9	2	0.21	4.44	0.999
8/12						23.9	0	0.00	4.34	0.999
8/13						9.1	0	0.00	4.30	0.999
8/14								0.00	4.30	0.999
8/15						16.1	0	0.00	4.23	0.999
8/16						23.9	1	0.21	4.14	1.000
8/17						23.9	0	0.00	4.05	1.000
8/18						23.9	0	0.00	3.96	1.000
8/19								0.00	3.96	1.000
8/20						33.9	0	0.00	3.84	1.000
Totals	392.2	89	17.73			1130.2	868	195.05		
	Mean day catch 7/21					Mean day catch 7/05				

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Appendix Table 3. (p. 4 of ~~4~~ 5)

	Pink salmon catch, 1989 Counts begin the day the tenth salmon was caught.					Pink salmon catch, 1990 Counts begin the day the tenth salmon was caught.				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/14										
6/15										
6/16										
6/17										
6/18										
6/19										
6/20										
6/21		1	0.21			23.8	1	0.21		
6/22		2	0.42			24.2	0	0.00		
6/23		0	0.00			10.0	0	0.00		
6/24		1	0.45			0.0	0	0.00		
6/25			0.00			30.0	15	2.50	2.50	0.18
6/26		0	0.00			21.8	39	8.94	5.21	0.16
6/27		1	0.21			23.8	20	4.20	4.89	0.10
6/28		1	0.21			23.5	19	4.04	4.69	0.07
6/29	24.0	7	1.46	1.46	0.01	24.2	26	5.37	4.83	0.04
6/30			0.00	1.46	0.01	9.3	11	5.91	4.90	0.06
7/01	34.8	15	2.16	1.87	0.02	0.0	0	0.00	4.90	0.06
7/02	0.0		0.00	1.87	0.02	22.9	13	2.84	4.60	0.08
7/03	24.1	1	0.21	1.39	0.02	24.3	17	3.50	4.45	0.10
7/04	24.0	2	0.42	1.17	0.02	24.0	11	2.29	4.20	0.12
7/05	23.9	3	0.63	1.07	0.02	23.8	10	2.10	3.98	0.14
7/06	24.1	5	1.04	1.07	0.03	23.8	28	5.88	4.16	0.18
7/07	24.0	2	0.42	0.98	0.03	9.9	7	3.54	4.13	0.19
7/08	10.0	0	0.00	0.93	0.03	0.0	0	0.00	4.13	0.19
7/09	0.0		0.00	0.93	0.03	24.1	33	6.85	4.36	0.24
7/10	24.1	12	2.49	1.10	0.04	23.6	35	7.42	4.60	0.30
7/11	23.9	12	2.51	1.24	0.05	24.3	32	6.58	4.74	0.34
7/12	24.0	16	3.33	1.44	0.06	23.9	31	6.49	4.86	0.39
7/13	24.0	16	3.33	1.60	0.07	23.8	44	9.24	5.13	0.46
7/14	24.0	34	7.08	2.02	0.10	9.8	23	11.73	5.30	0.50
7/15	10.2	56	27.45	2.84	0.14	0.0	0	0.00	5.30	0.50
7/16	0.0		0.00	2.84	0.14	23.3	49	10.52	5.59	0.57
7/17	14.0	80	28.57	3.92	0.21	24.0	34	7.08	5.67	0.62
7/18	24.2	117	24.17	5.29	0.30	24.0	50	10.42	5.92	0.70
7/19	24.1	191	39.63	5.11	0.45	23.9	56	11.72	6.20	0.79
7/20	24.1	189	39.21	7.13	0.60	24.4	66	13.52	6.55	0.89
7/21	24.0	144	30.00	8.42	0.72	9.7	33	17.01	6.75	0.94
7/22	10.0	54	27.00	8.84	0.76	0.0	0	0.00	6.75	0.94
7/23	0.0		0.00	8.84	0.76	23.7	10	2.11	6.55	0.96
7/24	28.8	66	11.46	9.00	0.82	23.8	7	1.47	6.33	0.97
7/25	18.3	32	8.74	8.99	0.84	24.3	4	0.82	6.11	0.97
7/26	23.8	55	11.55	9.11	0.89	23.4	3	0.64	5.90	0.98
7/27	24.5	65	13.27	9.30	0.94	24.4	3	0.61	5.70	0.98
7/28	23.7	27	5.70	9.15	0.96	7.9	0	0.00	5.63	0.98
7/29	10.2	15	7.35	9.11	0.97	0.0	0	0.00	5.63	0.98
7/30	0.0	0	0.00	9.11	0.97	24.3	3	0.62	5.45	0.99
7/31	24.3	5	1.03	8.78	0.97	24.0	2	0.42	5.27	0.99
8/01	23.8	8	1.69	8.51	0.98	23.7	2	0.42	5.11	0.99
8/02	24.5	6	1.22	8.23	0.99	23.9	0	0.00	4.95	0.99
8/03	23.8	5	1.05	7.97	0.99	25.3	0	0.00	4.79	0.99
8/04	24.0	0	0.00	7.70	0.99	7.5	0	0.00	4.74	0.99
8/05	10.2	1	0.49	7.59	0.99	0.0	0	0.00	4.74	0.99
8/06	0.0	0	0.00	7.59	0.99	23.2	0	0.00	4.60	0.99
8/07	24.3	3	0.62	7.36	0.99	24.0	3	0.63	4.49	1.00
8/08	23.9	4	0.84	7.15	1.00	24.0	0	0.00	4.36	1.00
8/09	24.2	2	0.41	6.94	1.00	23.8	0	0.00	4.24	1.00
8/10	23.8	2	0.42	6.74	1.00	23.8	1	0.21	4.13	1.00
8/11	0.0	0	0.00	6.74	1.00					
8/12	33.8	0	0.00	6.47	1.00					
8/13	0.0	0	0.00	6.47	1.00					
8/14	24.0	1	0.21	6.29	1.00					
8/15										
8/16										
8/17										
8/18										
8/19										
8/20										
Totals	853.4	1253	308.65			953.1	741	177.85		
	Mean day catch 7/20					Mean day catch 7/14				

Appendix Table 3. (p.5 of 5).

pink salmon catch, 1991
counts begin the day the
first salmon was caught

Date	Pink Hours	Catch	CPUE	CUM CPUE	CP(C)
6/14					
6/15					
6/16					
6/17					
6/18					
6/19					
6/20					
6/21					
6/22					
6/23					
6/24					
6/25					
6/26					
6/27					
6/28					
6/29					
6/30					
7/01	23.6	5	1.06	1.06	0.01
7/02	24.0	1	0.21	0.63	0.02
7/03	24.0	7	1.46	0.91	0.04
7/04	24.0	2	0.42	0.78	0.04
7/05	24.0	12	2.50	1.13	0.08
7/06	8.7	3	1.72	1.17	0.09
7/07	0.0	0	0.00	1.17	0.09
7/08	24.0	8	1.67	1.25	0.11
7/09	24.0	17	3.54	1.56	0.16
7/10	24.0	26	5.42	2.02	0.24
7/11	23.9	7	1.46	1.96	0.26
7/12	24.1	4	0.83	1.85	0.27
7/13	8.5	5	2.94	1.89	0.28
7/14	0.0	0	0.00	1.89	0.28
7/15	23.9	3	0.63	1.78	0.29
7/16	24.0	5	1.04	1.72	0.31
7/17	24.2	16	3.31	1.84	0.35
7/18	24.0	22	4.58	2.03	0.42
7/19	24.0	4	0.83	1.95	0.43
7/20	8.9	0	0.00	1.91	0.43
7/21	0.0		0.00	1.91	0.43
7/22	24.0	17	3.54	2.00	0.48
7/23	24.0	22	4.58	2.14	0.54
7/24	24.0	14	2.92	2.18	0.58
7/25	23.8	4	0.84	2.12	0.60
7/26	24.1	4	0.83	2.06	0.61
7/27	9.0	4	2.22	2.06	0.62
7/28	0.0		0.00	2.06	0.62
7/29	23.9	16	3.35	2.12	0.67
7/30	24.0	14	2.92	2.15	0.71
7/31	24.0	15	3.13	2.19	0.75
8/01	24.0	15	3.13	2.23	0.80
8/02	24.0	20	4.17	2.30	0.85
8/03	8.1	14	8.64	2.38	0.89
8/04	0.0		0.00	2.38	0.89
8/05	23.7	10	2.11	2.37	0.92
8/06	24.0	9	1.88	2.35	0.95
8/07	24.0	6	1.25	2.32	0.97
8/08	24.2	2	0.41	2.25	0.97
8/09	23.8	3	0.63	2.20	0.98
8/10	9.1	3	1.65	2.20	0.99
8/11	0.0		0.00	2.20	0.99
8/12	23.9	1	0.21	2.14	0.98
8/13	24.0	1	0.21	2.08	1.00
8/14	24.0	1	0.21	2.03	1.00
8/15	24.0	1	0.21	1.98	1.00
8/16	24.0	0	0.00	1.92	1.00
8/17	9.0	1	0.56	1.91	0.99
8/18	0.0		0.00	1.91	0.99
8/19	23.8	0	0.00	1.86	0.99
8/20	24.0	0	0.00	1.81	0.99
8/21	24.0	1	0.21	1.77	1.00
8/22	24.0	1	0.21	1.74	1.00
8/23	24.0	0	0.00	1.70	1.00
8/24	8.5	0	0.00	1.68	1.00
8/25	0.0		0.00	1.68	1.00
Totals	996	346	83.61		

Mean day of catch 7/23

Appendix Table 4. Unalakleet test net catches of chum salmon, in 5 7/8" gear, 1981 - 1990. (p. 1 of 5)

	chum salmon catch, 1981 counts begin the day the tenth salmon was caught					chum salmon catch, 1982 counts begin the day the tenth salmon was caught					chum salmon catch, 1983 counts begin the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/15											11.6	4	1.38	1.38	0.007
6/16													0.00	1.38	0.007
6/17											11.6	3	1.03	1.21	0.013
6/18						24.0	9	1.88	1.88	0.027			0.00	1.21	0.013
6/19								0.00	1.88	0.027	11.8	6	2.03	1.49	0.024
6/20						12.0	10	4.17	2.64	0.058			0.00	1.49	0.024
6/21								0.00	2.64	0.058	11.8	0	0.00	1.11	0.024
6/22						12.0	8	3.33	2.81	0.082	11.7	10	3.42	1.57	0.042
6/23						12.0	2	0.83	2.42	0.088			0.00	1.57	0.042
6/24								0.00	2.42	0.088	11.6	3	1.03	1.48	0.048
6/25						11.9	3	1.26	2.23	0.097			0.00	1.48	0.048
6/26								0.00	2.23	0.097	11.9	11	3.70	1.80	0.068
6/27						12.1	23	9.50	3.27	0.167			0.00	1.80	0.068
6/28								0.00	3.27	0.167	11.8	10	3.39	2.00	0.086
6/29						12.2	11	4.51	3.43	0.200	11.5	13	4.52	2.28	0.110
6/30						13.5	13	4.81	3.60	0.239			0.00	2.28	0.110
7/01								0.00	3.60	0.239	11.9	8	2.69	2.32	0.124
7/02						12.0	17	7.08	3.94	0.291			0.00	2.32	0.124
7/03								0.00	3.94	0.291	11.9	17	5.71	2.63	0.155
7/04						13.5	20	7.41	4.29	0.352			0.00	2.63	0.155
7/05								0.00	4.29	0.352	11.9	13	4.37	2.78	0.179
7/06						12.0	4	1.67	4.08	0.364	12.0	17	5.67	3.01	0.210
7/07						5.5	12	10.91	4.32	0.400			0.00	3.01	0.210
7/08								0.00	4.32	0.400	12.1	7	2.31	2.96	0.223
7/09						9.0	9	5.00	4.36	0.427			0.00	2.96	0.223
7/10								0.00	4.36	0.427	11.4	18	6.32	3.17	0.256
7/11						6.5	16	12.31	4.67	0.476			0.00	3.17	0.256
7/12								0.00	4.67	0.476	11.5	12	4.17	3.23	0.278
7/13						12.2	8	3.28	4.57	0.500	11.6	37	12.76	3.79	0.346
7/14						9.0	8	4.44	4.57	0.524			0.00	3.79	0.346
7/15								0.00	4.57	0.524	11.7	16	5.47	3.88	0.375
7/16						11.8	3	1.27	4.37	0.533			0.00	3.88	0.375
7/17	24.0	20	2.50	2.50	0.016			0.00	4.37	0.533	11.8	31	10.51	4.23	0.431
7/18	24.0	48	6.67	4.58	0.060	12.0	8	3.33	4.32	0.558			0.00	4.23	0.431
7/19	24.0	36	5.00	4.72	0.093	12.0	19	7.92	4.51	0.615	11.8	18	6.10	4.33	0.464
7/20	24.0	60	8.33	5.63	0.147			0.00	4.51	0.615	11.5	29	10.09	4.59	0.517
7/21	24.0	48	6.67	5.83	0.191	11.8	8	3.39	4.45	0.639			0.00	4.59	0.517
7/22	24.0	12	1.67	5.14	0.201	24.5	38	7.76	4.76	0.755	12.2	17	5.57	4.64	0.548
7/23	24.0	21	2.92	4.82	0.221			0.00	4.76	0.755			0.00	4.64	0.548
7/24	24.0	36	5.00	4.84	0.253			0.00	4.76	0.755	11.5	24	8.35	4.80	0.592
7/25	24.0	33	4.58	4.81	0.283	12.6	23	9.13	4.96	0.824			0.00	4.80	0.592
7/26	24.0	60	8.33	5.17	0.338	2.5	3	6.00	4.97	0.833	12.0	19	6.33	4.86	0.627
7/27	24.0	63	8.75	5.49	0.395			0.00	4.97	0.833	11.7	11	3.76	4.82	0.647
7/28	24.0	52	7.22	5.64	0.442			0.00	4.97	0.833			0.00	4.82	0.647
7/29	24.0	111	15.42	6.39	0.543	4.6	8	8.70	5.03	0.858	11.7	14	4.79	4.82	0.673
7/30	24.0	66	9.17	6.59	0.603			0.00	5.03	0.858			0.00	4.82	0.673
7/31	24.0	36	5.00	6.48	0.635			0.00	5.03	0.858	11.6	18	6.21	4.87	0.706
8/01	24.0	9	1.25	6.15	0.643	3.0	3	5.00	5.03	0.867			0.00	4.87	0.706
8/02	24.0	0	0.00	5.79	0.643	4.4	1	1.14	4.97	0.870	12.1	9	2.98	4.80	0.722
8/03	24.0	12	1.67	5.56	0.654			0.00	4.97	0.870	12.2	17	5.57	4.83	0.753
8/04	24.0	21	2.92	5.42	0.673	13.2	5	1.89	4.84	0.885			0.00	4.83	0.753
8/05	24.0	33	4.58	5.38	0.703	7.3	5	3.42	4.80	0.900	11.8	8	2.71	4.76	0.765
8/06	24.0	24	3.33	5.28	0.725			0.00	4.80	0.900			0.00	4.76	0.768
8/07	24.0	33	4.58	5.25	0.755			0.00	4.80	0.900	12.8	19	5.94	4.80	0.803
8/08	24.0	33	4.58	5.22	0.785	12.6	6	2.38	4.71	0.918			0.00	4.80	0.803
8/09	24.0	27	3.75	5.16	0.809	12.9	2	0.78	4.56	0.924	25.7	10	1.56	4.59	0.821
8/10	24.0	18	2.50	5.06	0.826			0.00	4.56	0.924	12.5	14	4.48	4.58	0.846
8/11	24.0	27	3.75	5.01	0.850	12.2	4	1.64	4.46	0.936			0.00	4.58	0.846
8/12	24.0	21	2.92	4.93	0.869	12.5	3	1.20	4.34	0.945	1.3	1	3.08	4.58	0.848
8/13	24.0	3	0.42	4.77	0.872			0.00	4.34	0.945			0.00	4.58	0.848
8/14	24.0	25	3.47	4.72	0.895			0.00	4.34	0.945	10.7	5	1.87	4.51	0.857
8/15	24.0	30	4.17	4.70	0.922	12.3	2	0.81	4.22	0.952			0.00	4.51	0.857
8/16	24.0	14	1.94	4.61	0.935	12.2	2	0.82	4.12	0.958	12.2	4	1.31	4.42	0.865
8/17	24.0	9	1.25	4.51	0.943			0.00	4.12	0.958	12.3	15	4.88	4.43	0.892
8/18	24.0	14	1.94	4.43	0.956	12.0	0	0.00	3.99	0.958			0.00	4.43	0.892
8/19	24.0	8	1.11	4.33	0.963	12.2	1	0.41	3.88	0.961	11.8	11	3.73	4.41	0.912
8/20	24.0	6	0.83	4.23	0.968			0.00	3.88	0.961			0.00	4.41	0.912
8/21	24.0	7	0.97	4.14	0.975			0.00	3.88	0.961	11.2	3	1.07	4.33	0.918
8/22	24.0	1	0.14	4.04	0.975	12.2	1	0.41	3.78	0.964			0.00	4.33	0.918
8/23	24.0	1	0.14	3.93	0.976	11.8	4	1.69	3.73	0.976	12.0	6	2.00	4.27	0.929
8/24	24.0	2	0.28	3.84	0.978			0.00	3.73	0.976	11.5	7	2.43	4.23	0.941
8/25	24.0	2	0.28	3.75	0.980	12.1	1	0.41	3.64	0.979			0.00	4.23	0.941
8/26	24.0	2	0.28	3.67	0.982	12.2	0	0.00	3.54	0.979	11.5	5	1.74	4.17	0.951
8/27	24.0	7	0.97	3.60	0.988			0.00	3.54	0.979			0.00	4.17	0.951
8/28	24.0	2	0.28	3.52	0.990			0.00	3.54	0.979	11.9	1	0.34	4.08	0.952
8/29	24.0	1	0.14	3.45	0.991	12.5	3	1.20	3.48	0.988			0.00	4.08	0.952
8/30	24.0	0	0.00	3.37	0.991	11.3	0	0.00	3.40	0.988	11.9	4	1.34	4.02	0.960
8/31	24.0	2	0.28	3.30	0.993			0.00	3.40	0.988	11.7	0	0.00	3.93	0.960
9/01	24.0	2	0.28	3.24	0.995	12.2	0	0.00	3.31	0.988			0.00	3.93	0.960
9/02	24.0	0	0.00	3.17	0.995	11.5	0	0.00	3.24	0.988	12.3	3	0.58	3.86	0.965
9/03	24.0	0	0.00	3.11	0.995			0.00	3.24	0.988			0.00	3.86	0.965
9/04	24.0	0	0.00	3.04	0.995			0.00	3.24	0.988	47.9	2	0.17	3.57	0.969
9/05	24.0	1	0.14	2.99	0.995	11.6	0	0.00	3.16	0.988			0.00	3.57	0.969
9/06	24.0	1	0.14	2.93	0.996	9.8	0	0.00	3.10	0.988	23.8	1	0.17	3.44	0.971
9/07	24.0	2	0.28	2.88	0.998			0.00	3.10	0.988	23.7	0	0.00	3.31	0.971
9/08	24.0	2	0.28	2.83	1.000	11.8	3	1.27	3.06	0.997	23.8	1	0.17	3.20	0.973
9/09								0.00	3.06	0.997	24.2	2	0.33	3.10	0.976
9/10						28.5	0	0.00	2.91	0.997	24.2	3	0.50	3.01	0.982
9/11						23.5	0	0.00	2.79	0.997	24.2	0	0.00	2.91	0.985
9/12						25.6	0	0.00	2.68	0.997	24.1	2	0.33	2.83	0.985
9/13						25.6	0	0.00	2.57	0.997			0.00	2.83	0.985
9/14						21.3	0	0.00	2.49	0.997	22.7	3	0.53	2.76	0.991
9/15						26.7	0	0.00	2.39	0.997	24.2	0	0.00	2.68	0.991
9/16						22.2	0	0.00	2.32	0.997	21.0	1	0.19	2.62	0.993
9/17						24.8	0	0.00	2.24	0.997	23.9	2	0.33	2.55	0.995
9/18						22.1	0	0.00	2.17	0.997	23.0	0	0.00	2.49	0.996
9/19						30.2	0	0.00	2.09	0.997			0.00	2.42	0.996
9/20						19.1	0	0.00	2.04	0.997	48.9	0	0.00	2.35	0.996
9/21						26.2	1	0.19	1.98	1.000	24.0	2	0.33	2.30	1.000
Totals	1296.0	1102	153.06			832.8	330	154.56			950.1	547	182.74		
	Mean day of catch 7/29						Mean day of catch 7/13					Mean day of catch 7/20			

- continued -

	chum salmon catch, 1984 counts begin the day the tenth salmon was caught					chum salmon catch, 1985 counts begin the day the tenth salmon was caught					chum salmon catch, 1986 counts begin the day the tenth salmon was caught				
Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/15															
6/16												3			
6/17												2			
6/18											24.2	11	2.27	2.27	0.014
6/19											24.1	4	0.83	1.55	0.019
6/20											24.0	3	0.63	1.24	0.023
6/21											23.9	9	1.88	1.40	0.035
6/22											24.3	9	1.85	1.49	0.047
6/23											23.9	14	2.93	1.73	0.065
6/24						23.9	17	2.85	2.85	0.021	23.7	2	0.42	1.55	0.067
6/25	24.2	17	3.51	3.51	0.027	23.3	22	3.48	3.17	0.048	24.0	5	1.04	1.48	0.074
6/26			0.00	3.51	0.027	23.0	32	3.57	3.93	0.087	25.0	5	1.00	1.43	0.080
6/27	24.5	29	5.92	4.72	0.073	24.5	22	3.59	3.85	0.114	24.0	10	2.08	1.49	0.093
6/28			0.00	4.72	0.073	23.7	19	3.21	3.72	0.137	12.1	13	5.37	1.68	0.110
6/29	24.4	27	5.53	4.99	0.117	24.1	29	4.81	3.90	0.172	0.0	0	0.00	1.68	0.110
6/30			0.00	4.99	0.117	23.7	37	6.24	4.23	0.217	24.0	9	1.88	1.70	0.121
7/01			0.00	4.99	0.117	9.8	20	8.16	4.45	0.242	24.1	9	1.87	1.71	0.133
7/02	23.8	39	8.19	5.78	0.179	7.0	34	19.43	5.02	0.283	23.9	6	1.26	1.68	0.141
7/03			0.00	5.78	0.179	24.0	38	6.33	5.17	0.330	24.1	10	2.07	1.70	0.154
7/04	24.0	31	6.46	5.91	0.228	23.8	36	6.05	5.26	0.374	23.9	8	1.67	1.70	0.164
7/05			0.00	5.91	0.228	23.9	19	3.18	5.06	0.397	12.2	11	4.51	1.79	0.178
7/06	24.1	56	11.62	6.68	0.318	9.2	7	3.04	4.99	0.405	0.0	0	0.00	1.79	0.178
7/07			0.00	6.86	0.318			0.00	4.99	0.405	24.4	11	2.25	1.82	0.193
7/08			0.00	6.86	0.318	23.2	38	6.55	5.12	0.452	24.5	11	2.24	1.84	0.207
7/09	24.1	50	10.37	7.36	0.398	24.1	58	9.63	5.47	0.523	23.8	14	2.94	1.90	0.225
7/10			0.00	7.36	0.398	23.9	34	5.69	5.48	0.564	23.9	10	2.09	1.91	0.238
7/11	23.9	29	6.07	7.20	0.444	24.1	38	6.31	5.54	0.611	24.2	12	2.48	1.94	0.253
7/12			0.00	7.20	0.444	24.4	22	3.61	5.41	0.637	12.4	10	4.03	1.99	0.266
7/13	24.1	26	5.39	7.00	0.486	8.6	9	4.19	5.39	0.648	0.0	0	0.00	1.99	0.266
7/14			0.00	7.00	0.486			0.00	5.39	0.648	24.6	23	4.67	2.11	0.296
7/15			0.00	7.00	0.486	24.3	25	4.12	5.31	0.679	23.0	20	4.35	2.20	0.322
7/16	24.0	22	4.58	6.76	0.521	23.9	3	0.50	5.05	0.683	24.1	17	3.53	2.25	0.344
7/17			0.00	6.76	0.521	24.3	11	1.81	4.89	0.696	24.0	23	4.79	2.33	0.373
7/18	24.2	22	4.55	6.56	0.556	23.8	20	2.37	4.72	0.720	26.4	40	7.58	2.57	0.425
7/19			0.00	6.56	0.556	24.1	8	1.33	4.56	0.730	0.0	0	0.00	2.57	0.425
7/20	24.0	28	5.83	6.50	0.601			0.00	4.56	0.730	0.0	0	0.00	2.57	0.425
7/21			0.00	6.50	0.601			0.00	4.56	0.730	0.0	0	0.00	2.57	0.425
7/22			0.00	6.50	0.601	24.2	21	3.47	4.51	0.756	24.2	44	9.09	2.80	0.482
7/23	23.5	15	3.19	6.25	0.625	24.9	13	2.09	4.41	0.772	26.8	49	9.14	3.05	0.545
7/24			0.00	6.25	0.625	23.1	10	1.73	4.30	0.784	12.9	26	10.08	3.18	0.579
7/25	23.9	6	1.26	5.90	0.634	23.7	19	3.21	4.26	0.807	24.1	44	9.13	3.38	0.636
7/26	24.0	0	3.75	5.75	0.663	24.6	8	1.30	4.15	0.817	12.0	30	12.50	3.52	0.674
7/27	24.1	16	3.32	5.60	0.693	7.4	1	0.54	4.11	0.818	0.0	0	0.00	3.52	0.674
7/28	11.4	3	1.32	5.48	0.693			0.00	4.11	0.818	24.2	34	7.02	3.63	0.718
7/29			0.00	5.48	0.693	23.8	22	3.70	4.09	0.845	24.2	32	6.61	3.73	0.760
7/30	24.6	30	6.10	5.51	0.741	23.9	6	1.00	3.99	0.852	23.9	36	7.53	3.84	0.806
7/31	2.7	0	0.00	5.48	0.741	23.8	7	1.18	3.90	0.861	24.5	41	8.37	3.97	0.859
8/01	23.3	7	1.50	5.27	0.752	24.2	7	1.16	3.81	0.869			0.00	3.97	0.859
8/02			0.00	5.27	0.752	24.3	3	0.49	3.70	0.873			0.00	3.97	0.859
8/03	4.6	4	4.35	5.26	0.759	10.7	1	0.37	3.66	0.874			0.00	3.97	0.859
8/04			0.00	5.26	0.759			0.00	3.66	0.874			0.00	3.97	0.859
8/05			0.00	5.26	0.759	23.8	2	0.34	3.56	0.877	24.2	13	2.69	3.93	0.876
8/06	24.3	7	1.44	5.07	0.770	24.3	1	0.16	3.46	0.878	24.2	19	3.93	3.93	0.901
8/07			0.00	5.07	0.770	24.0	3	0.50	3.38	0.882	23.7	24	5.06	3.96	0.932
8/08	23.3	11	2.36	4.94	0.788	24.0	8	1.50	3.33	0.893	24.4	6	1.23	3.89	0.939
8/09			0.00	4.94	0.788	24.0	13	2.17	3.29	0.908	11.9	2	0.84	3.85	0.942
8/10	23.9	6	1.26	4.77	0.797	11.0	5	1.82	3.28	0.915			0.00	3.85	0.942
8/11			0.00	4.77	0.797			0.00	3.28	0.915	24.0	6	1.25	3.79	0.950
8/12			0.00	4.77	0.797	24.2	9	1.49	3.23	0.926	24.2	1	0.21	3.70	0.951
8/13	24.0	14	2.92	4.69	0.819	24.0	9	1.50	3.19	0.937	24.0	12	2.50	3.67	0.966
8/14	24.2	12	2.48	4.60	0.839	29.2	8	1.10	3.13	0.946	24.1	5	1.04	3.61	0.973
8/15	23.8	7	1.47	4.47	0.850	19.5	11	2.26	3.11	0.960	24.1	4	0.83	3.55	0.978
8/16			0.00	4.47	0.850	23.5	11	1.87	3.08	0.973	12.0	3	1.25	3.52	0.982
8/17	25.0	13	2.60	4.40	0.871	11.6	0	0.00	3.05	0.973			0.00	3.52	0.982
8/18			0.00	4.40	0.871			0.00	3.05	0.973	23.9	1	0.21	3.45	0.983
8/19			0.00	4.40	0.871	24.1	1	0.17	2.98	0.974	24.1	2	0.41	3.39	0.986
8/20	24.0	7	1.46	4.29	0.882	23.8	5	0.84	2.94	0.980	24.0	1	0.21	3.32	0.987
8/21			0.00	4.29	0.882	24.8	3	0.48	2.88	0.984	24.0	2	0.42	3.26	0.990
8/22	24.7	5	1.01	4.17	0.890	23.8	2	0.34	2.83	0.987	23.9	0	0.00	3.20	0.990
8/23	23.2	8	1.72	4.08	0.903	23.7	3	0.51	2.78	0.990	11.8	0	0.00	3.17	0.990
8/24	24.0	7	1.46	4.00	0.914	9.1	0	0.00	2.76	0.990			0.00	3.17	0.990
8/25			0.00	4.00	0.914			0.00	2.76	0.990	23.9	0	0.00	3.10	0.990
8/26			0.00	4.00	0.914	23.0	4	0.70	2.72	0.995	24.0	0	0.00	3.04	0.990
8/27	23.0	6	1.30	3.91	0.923	24.2	2	0.33	2.67	0.998	24.0	1	0.21	2.99	0.991
8/28	22.8	7	1.54	3.84	0.935	24.2	0	0.00	2.62	0.998			0.00	2.99	0.991
8/29	25.3	4	0.79	3.74	0.941	23.7	0	0.00	2.57	0.998	48.0	2	0.21	2.89	0.994
8/30	24.2	3	0.62	3.65	0.946	24.2	0	0.00	2.52	0.998	11.8	1	0.42	2.87	0.995
8/31	30.7	4	0.65	3.54	0.952	23.5	0	0.00	2.48	0.998			0.00	2.87	0.995
9/01			0.00	3.54	0.952			0.00	2.48	0.998			0.00	2.87	0.995
9/02			0.00	3.54	0.952			0.00	2.48	0.998	24.0	1	0.21	2.82	0.996
9/03	16.7	5	1.50	3.50	0.960	24.3	0	0.00	2.43	0.998	24.1	2	0.41	2.78	0.999
9/04	23.0	4	0.87	3.43	0.966	23.6	1	0.17	2.39	0.999	23.9	1	0.21	2.74	1.000
9/05	24.2	6	1.24	3.37	0.976	24.0	0	0.00	2.35	0.999					
9/06	24.2	4	0.83	3.31	0.982	24.1	0	0.00	2.31	0.999					
9/07	24.3	3	0.62	3.24	0.987	11.8	1	0.34	2.30	1.000					
9/08			0.00	3.24	0.987										
9/09			0.00	3.24	0.987										
9/10	23.5	2	0.43	3.17	0.990										
9/11	33.1	1	0.15	3.07	0.992										
9/12	22.0	2	0.45	3.02	0.995										
9/13	17.0	1	0.29	2.97	0.997										
9/14	23.7	0	0.00	2.91	0.997										
9/15			0.00	2.91	0.997										
9/16			0.00	2.91	0.997										
9/17	24.6	1	0.20	2.85	0.998										
9/18	24.4	1	0.20	2.79	1.000										
9/19															
9/20															
9/21															
Totals	1122.5	526	174.67			1126.3	219	160.84			1113.7	774	177.74		
	Mean day of catch 7/16					Mean day of catch 7/09					Mean day of catch 7/23				

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Appendix Table 4. (p. 3 of 5)

Chum salmon catch, 1987
Counts begin the day the tenth salmon was caught.

Chum salmon catch, 1988
Counts begin the day the tenth salmon was caught.

Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
6/07							1	0.00	0.00	0.002
6/08							0	0.00	0.00	0.002
6/09							0	0.00	0.00	0.002
6/10							0	0.00	0.00	0.002
6/11							0	0.00	0.00	0.002
6/12							0	0.00	0.00	0.002
6/13							1	0.00	0.00	0.004
6/14							2	0.00	0.00	0.008
6/15							2	0.00	0.00	0.012
6/16		1					0	0.00	0.00	0.012
6/17	24.3	9	1.85	1.85	0.015	24.2	4	0.83	2.07	0.020
6/18	23.7	2	0.42	1.15	0.018	10.5	1	0.48	1.59	0.022
6/19	23.9	2	0.42	0.90	0.021			0.00	1.59	0.022
6/20	11.8	0	0.00	0.78	0.021	24.3	9	1.85	1.69	0.040
6/21			0.00	0.78	0.021	23.9	11	2.30	1.87	0.063
6/22	23.6	3	0.64	0.75	0.026	24.0	11	2.29	1.96	0.085
6/23	23.9	2	0.42	0.69	0.030	24.2	10	2.07	1.98	0.105
6/24	24.0	7	1.46	0.81	0.041	23.9	7	1.48	1.91	0.119
6/25	24.1	11	2.28	1.00	0.059	9.0	6	3.33	1.98	0.132
6/26	24.2	10	2.07	1.13	0.076			0.00	1.98	0.132
6/27			0.00	1.13	0.076	24.1	10	2.07	2.00	0.152
6/28	48.0	17	1.77	1.25	0.104			0.00	2.00	0.152
6/29	23.9	12	2.51	1.36	0.123	53.0	6	0.57	1.68	0.164
6/30	24.1	9	1.87	1.40	0.138	19.1	0	0.00	1.56	0.164
7/01	23.7	6	1.27	1.39	0.148	24.2	2	0.41	1.46	0.168
7/02	24.0	7	1.46	1.40	0.160	10.3	0	0.00	1.41	0.168
7/03	24.0	2	0.42	1.33	0.163			0.00	1.41	0.168
7/04			0.00	1.33	0.163	24.2	9	1.86	1.44	0.186
7/05	47.6	15	1.58	1.36	0.188	24.0	9	1.88	1.47	0.204
7/06	24.5	9	1.84	1.39	0.202	24.0	7	1.46	1.47	0.219
7/07	24.0	0	0.00	1.32	0.202	24.1	7	1.45	1.47	0.233
7/08	24.1	6	1.24	1.31	0.212	23.9	10	2.09	1.51	0.253
7/09	24.0	18	3.75	1.43	0.242	11.6	4	1.72	1.51	0.261
7/10	24.3	27	5.56	1.61	0.286			0.00	1.51	0.261
7/11	11.2	15	6.78	1.72	0.311	24.4	5	1.02	1.49	0.271
7/12			0.00	1.72	0.311	23.9	8	1.67	1.50	0.287
7/13	23.3	23	4.94	1.85	0.349	23.9	16	3.35	1.58	0.320
7/14	23.9	10	2.09	1.86	0.365	23.9	20	4.18	1.70	0.360
7/15			0.00	1.86	0.365	24.1	13	2.70	1.75	0.387
7/16	48.4	20	2.07	1.87	0.398	10.8	8	3.70	1.79	0.403
7/17	23.8	5	1.05	1.84	0.406			0.00	1.79	0.403
7/18	10.9	1	0.46	1.82	0.408	24.1	17	3.53	1.86	0.437
7/19			0.00	1.82	0.408	24.0	8	1.67	1.85	0.453
7/20	24.2	10	2.07	1.83	0.424	24.0	7	1.46	1.84	0.468
7/21	23.8	18	3.78	1.89	0.454	24.2	7	1.45	1.82	0.482
7/22	24.0	24	5.00	1.99	0.493	24.0	9	1.88	1.82	0.500
7/23	24.3	21	4.32	2.06	0.528	25.4	6	1.18	1.80	0.512
7/24	23.8	23	4.83	2.15	0.566			0.00	1.80	0.512
7/25	10.5	13	6.19	2.20	0.587			0.00	1.80	0.512
7/26			0.00	2.20	0.587			0.00	1.80	0.512
7/27	23.4	8	1.71	2.19	0.600	22.7	35	7.71	1.98	0.583
7/28	24.3	4	0.82	2.15	0.607	24.3	14	2.88	2.01	0.611
7/29	23.9	3	0.63	2.11	0.612	23.6	28	5.93	2.13	0.668
7/30	23.7	10	2.11	2.11	0.628	10.3	16	7.77	2.21	0.700
7/31	23.9	5	1.05	2.08	0.637			0.00	2.21	0.700
8/01			0.00	2.08	0.637	24.0	13	2.71	2.22	0.727
8/02	47.6	18	1.89	2.07	0.666	24.8	9	1.88	2.21	0.745
8/03	24.0	16	3.33	2.10	0.692	24.1	11	2.28	2.21	0.767
8/04	24.2	15	3.10	2.12	0.717	23.9	14	2.93	2.23	0.796
8/05	23.7	12	2.53	2.13	0.737	24.2	8	1.65	2.22	0.812
8/06	24.3	22	4.53	2.19	0.773	10.2	3	1.47	2.21	0.818
8/07	24.1	18	3.73	2.22	0.803			0.00	2.21	0.818
8/08	10.4	10	4.81	2.24	0.819	23.9	11	2.30	2.21	0.840
8/09			0.00	2.24	0.819	24.1	15	3.11	2.23	0.870
8/10	24.2	8	1.65	2.23	0.832			0.00	2.23	0.870
8/11	23.8	9	1.89	2.23	0.847	47.9	16	1.67	2.21	0.903
8/12	23.9	4	0.84	2.20	0.854	23.9	11	2.30	2.21	0.925
8/13	24.3	10	2.06	2.19	0.870	9.1	4	2.20	2.21	0.933
8/14	23.9	8	1.67	2.18	0.883			0.00	2.21	0.933
8/15	23.8	6	1.26	2.17	0.893	16.1	9	2.80	2.22	0.951
8/16	24.0	5	1.04	2.15	0.901	23.9	2	0.42	2.18	0.955
8/17	24.2	10	2.07	2.14	0.918	23.9	2	0.42	2.14	0.960
8/18	23.8	6	1.26	2.13	0.928	23.9	1	0.21	2.10	0.962
8/19	24.0	3	0.63	2.10	0.933			0.00	2.10	0.962
8/20	24.2	7	1.45	2.09	0.944	33.9	1	0.15	2.04	0.964
8/21	24.0	5	1.04	2.07	0.952			0.00	2.04	0.964
8/22	24.0	4	0.83	2.05	0.959	24.0	1	0.21	2.01	0.966
8/23	23.9	2	0.42	2.02	0.962	24.0	0	0.00	1.97	0.966
8/24	23.9	1	0.21	1.99	0.964	24.5	0	0.00	1.93	0.966
8/25	24.2	1	0.21	1.97	0.965	23.7	5	1.05	1.91	0.976
8/26	24.1	5	1.04	1.95	0.974	23.7	2	0.42	1.88	0.980
8/27	24.0	2	0.42	1.93	0.977	9.8	2	1.02	1.88	0.984
8/28	23.9	0	0.00	1.90	0.977			0.00	1.88	0.984
8/29	10.8	0	0.00	1.88	0.977	24.0	0	0.00	1.84	0.984
8/30			0.00	1.88	0.977	24.0	0	0.00	1.81	0.984
8/31	13.1	2	0.76	1.88	0.980	24.1	1	0.21	1.78	0.986
9/01	24.2	1	0.21	1.85	0.982	24.1	0	0.00	1.75	0.986
9/02	23.9	3	0.63	1.83	0.987	23.9	3	0.63	1.73	0.988
9/03	23.9	2	0.42	1.81	0.990	10.2	1	0.49	1.72	0.989
9/04	24.1	1	0.21	1.79	0.992			0.00	1.72	0.994
9/05	24.8	2	0.40	1.77	0.995	23.9	0	0.00	1.69	0.994
9/06	23.5	0	0.00	1.74	0.995	23.0	1	0.22	1.67	0.996
9/07			0.00	1.74	0.995	25.0	0	0.00	1.64	0.996
9/08	47.8	3	0.31	1.71	1.000	24.2	0	0.00	1.62	0.996
9/09						24.2	2	0.41	[illegible]	[illegible]
9/10						24.0	0	0.00	[illegible]	[illegible]
9/11								0.00	1.57	[illegible]
9/12						48.0	0	0.00	1.53	1.000
Totals	1781.5	608	129.45			1617.2	494	113.36		
	Mean day of catch 7/23					Mean day of catch 7/22				

- continued -

Appendix Table 4. (p. 4 of 5)

Date	Hours	Catch	CPUE	Cum. CPUE	CP(C)	Hours	Catch	CPUE	Cum. CPUE	CP(C)
	Chum salmon catch, 1989 Counts begin the day the tenth salmon was caught.					Chum salmon catch, 1990 Counts begin the day the tenth salmon was caught.				
6/07										
6/08										
6/09										
6/10										
6/11										
6/12	22.5	1	0.22							
6/13	23.5	3	0.64			15.2	1			
6/14	24.0	4	0.83			24.0	0			
6/15	24.0	10	2.08	2.08	0.01	24.1	4			
6/16	23.9	3	0.63	1.36	0.02	10.1	1			
6/17	24.0	6	1.25	1.32	0.03	0.0	0			
6/18	24.0	21	4.38	2.09	0.05	23.7	12	2.53	2.53	0.05
6/19	24.8	17	3.43	2.36	0.08	23.8	6	1.26	1.89	0.07
6/20	22.3	9	2.02	2.31	0.09	22.2	3	0.62	1.46	0.08
6/21	22.8	25	5.25	2.73	0.13	23.8	3	0.42	1.20	0.08
6/22	24.0	19	3.96	2.88	0.15	24.2	3	0.62	1.09	0.09
6/23	24.0	10	2.08	2.79	0.16	10.0	3	1.50	1.12	0.10
6/24	11.0	7	3.18	2.81	0.17	0.0	0	0.00	1.12	0.10
6/25	0.0		0.00	2.81	0.17	30.0	12	2.00	1.28	0.14
6/26	23.8	25	5.25	3.04	0.21	21.8	5	1.15	1.27	0.15
6/27	24.0	29	6.04	3.31	0.25	23.8	7	1.47	1.29	0.17
6/28	24.0	21	4.38	3.39	0.28	23.5	6	1.28	1.29	0.19
6/29	24.0	17	3.54	3.40	0.30	24.2	4	0.83	1.25	0.20
6/30			0.00	3.40	0.30	9.3	3	1.61	1.26	0.21
7/01	34.8	12	1.72	3.24	0.32	0.0	0	0.00	1.26	0.21
7/02	0.0	0	3.24	0.32		22.9	2	0.44	1.19	0.22
7/03	24.1	25	5.19	3.36	0.35	24.3	4	0.82	1.16	0.23
7/04	24.0	17	3.54	3.37	0.38	24.0	3	0.63	1.12	0.24
7/05	23.9	14	2.93	3.35	0.39	23.8	4	0.84	1.11	0.25
7/06	24.1	18	3.73	3.37	0.42	23.8	13	2.73	1.21	0.29
7/07	24.0	12	2.50	3.33	0.44	9.9	15	7.58	1.37	0.34
7/08	10.0	12	6.00	3.38	0.45	0.0	0	0.00	1.37	0.34
7/09			0.00	3.38	0.45	24.1	19	3.94	1.52	0.39
7/10	24.1	26	5.39	3.48	0.49	23.6	3	0.64	1.47	0.40
7/11	23.9	16	3.35	3.47	0.51	24.3	3	0.62	1.43	0.41
7/12	24.0	16	3.33	3.46	0.53	23.9	12	2.51	1.48	0.45
7/13	24.0	18	3.75	3.48	0.56	23.8	18	3.78	1.59	0.50
7/14	24.0	26	5.42	3.55	0.59	9.8	4	2.04	1.59	0.51
7/15	10.2	9	4.41	3.57	0.60	0.0	0	0.00	1.59	0.51
7/16	0.0	0	3.57	0.60		23.3	10	2.15	1.62	0.54
7/17	14.0	11	3.93	3.57	0.62	24.0	7	1.46	1.61	0.56
7/18	24.2	23	4.75	3.62	0.65	24.0	19	3.96	1.71	0.62
7/19	24.1	12	2.49	3.58	0.67	23.9	18	3.77	1.79	0.68
7/20	24.1	9	1.87	3.51	0.68	24.4	20	4.10	1.87	0.74
7/21	24.0	11	2.29	3.48	0.70	9.7	5	2.58	1.89	0.75
7/22	10.0	12	6.00	3.51	0.71	0.0	0	0.00	1.89	0.75
7/23	0.0		0.00	3.51	0.71	23.7	6	1.27	1.86	0.77
7/24	28.8	35	6.08	3.61	0.76	22.8	2	0.42	1.81	0.77
7/25	18.3	23	6.28	3.67	0.79	24.3	7	1.44	1.80	0.80
7/26	23.8	24	5.04	3.71	0.82	23.4	4	0.85	1.77	0.81
7/27	24.5	16	3.26	3.70	0.85	24.4	3	0.61	1.74	0.82
7/28	23.7	0	0.00	3.60	0.85	7.9	0	0.00	1.72	0.82
7/29	10.2	5	2.45	3.58	0.85	0.0	0	0.00	1.72	0.82
7/30	0.0	0	0.00	3.58	0.85	24.3	7	1.44	1.71	0.84
7/31	24.3	18	3.70	3.59	0.88	24.0	4	0.83	1.68	0.85
8/01	23.8	12	2.52	3.56	0.89	23.7	4	0.84	1.66	0.86
8/02	24.5	12	2.44	3.52	0.91	23.9	3	0.63	1.63	0.87
8/03	23.8	9	1.89	3.48	0.92	25.3	1	0.20	1.59	0.87
8/04	24.0	5	1.04	3.43	0.93	7.5	0	0.00	1.58	0.87
8/05	10.2	5	2.45	3.42	0.94	0.0	0	0.00	1.58	0.87
8/06	0.0	0	0.00	3.42	0.94	23.2	3	0.65	1.56	0.88
8/07	24.3	6	1.23	3.37	0.95	24.0	2	0.42	1.53	0.89
8/08	23.9	3	0.63	3.31	0.95	24.0	3	0.63	1.50	0.90
8/09	24.2	2	0.41	3.24	0.95	23.8	1	0.21	1.47	0.90
8/10	23.8	4	0.84	3.19	0.96	23.8	0	0.00	1.44	0.90
8/11	0.0	0	0.00	3.19	0.96	11.0	0	0.00	1.42	0.90
8/12	33.8	3	0.44	3.11	0.96	0.0	0	0.00	1.42	0.90
8/13	0.0	0	0.00	3.11	0.96	22.0	8	1.82	1.43	0.92
8/14	24.0	9	1.88	3.08	0.97	22.0	1	0.21	1.41	0.93
8/15	24.2	4	0.83	3.03	0.98	24.0	0	0.00	1.37	0.93
8/16	24.2	1	0.21	2.98	0.98	24.0	2	0.42	1.35	0.93
8/17	23.6	1	0.21	2.92	0.98	24.2	2	0.41	1.33	0.94
8/18	0.0	0	0.00	2.92	0.98	9.4	1	0.53	1.33	0.94
8/19	32.8	0	0.00	2.85	0.98	0.0	0	0.00	1.33	0.94
8/20	0.0	0	2.85	0.98		23.5	2	0.43	1.31	0.95
8/21	24.0	1	0.21	2.80	0.98	24.2	2	0.41	1.29	0.95
8/22	24.0	3	0.63	2.76	0.99	24.6	2	0.41	1.27	0.96
8/23	23.5	1	0.21	2.71	0.99	23.2	2	0.43	1.26	0.97
8/24	0.0	0	2.71	0.99		24.2	2	0.41	1.24	0.97
8/25	34.5	2	0.29	2.65	0.99	8.5	0	0.00	1.23	0.97
8/26	25.0	0	0.00	2.60	0.99	0.0	0	0.00	1.23	0.97
8/27	0.0	0	2.60	0.99		16.9	8	2.37	1.25	0.99
8/28	24.0	0	0.00	2.56	0.99	24.0	0	0.00	1.23	0.99
8/29	25.8	1	0.19	2.52	0.99	24.0	0	0.00	1.21	0.99
8/30	22.8	1	0.22	2.48	0.99	24.1	0	0.00	1.18	0.99
8/31	23.7	1	0.21	2.44	1.00	24.0	0	0.00	1.16	0.99
9/01	23.8	3	0.63	2.42	1.00	9.0	0	0.00	1.16	0.99
9/02	11.8	0	0.00	2.40	1.00	0.0	0	0.00	1.16	0.99
9/03	0.0	0	2.40	1.00		23.7	0	1.14	1.00	
9/04	23.3	0	0.00	2.36	1.00	23.2	1	0.22	1.12	0.99
9/05	24.0	0	0.00	2.32	1.00	33.0	1	0.15	1.10	1.00
9/06	0.0	2	1.00			0.0	0	1.10	1.00	
9/07	48.3	0	0.00	2.25	1.00	0.0	0	0.00	1.10	1.00
9/08	23.7	0	0.00	2.22	1.00	0.0	0	0.00	1.10	1.00
9/09	24.0	0	0.00	2.19	1.00	0.0	0	0.00	1.10	1.00
9/10	24.0	0	0.00	2.16	1.00	14.1	0	0.00	1.09	1.00
9/11	23.8	0	0.00	2.13	1.00	23.5	0	0.00	1.07	1.00
9/12	24.0	0	0.00	2.10	1.00	24.0	2	0.42	1.06	1.00
Totals	1804	736	168			1629	337	79		
	Mean day catch 7/11					Mean day catch 7/13				

Appendix Table 4. (p. 5 of 5)

churn salmon catch, 1991
counts begin the day the
tenth salmon was caught

Date	Churn Hours	Catch	CPUE	CUM CPUE	CP(C)
6/07					
6/08					
6/09					
6/10	22.0	1	0.23		
6/11	23.6	1	0.21		
6/12	24.0	4	0.83		
6/13	24.0	1	0.21		
6/14	24.0	5	1.04	1.04	0.01
6/15	23.9	1	0.21	0.68	0.01
6/16	24.0	4	0.83	0.84	0.01
6/17	24.2	5	1.03	0.84	0.02
6/18	23.5	3	0.64	0.84	0.02
6/19	23.8	3	0.63	0.63	0.03
6/20	24.0	0	0.00	0.42	0.03
6/21	24.1	0	0.00	0.31	0.03
6/22	24.1	3	0.62	0.38	0.03
6/23	24.0	10	2.08	0.88	0.05
6/24	23.9	4	0.84	0.69	0.05
6/25	24.0	1	0.21	0.63	0.05
6/26	24.0	4	0.83	0.65	0.06
6/27	24.1	4	0.83	0.67	0.06
6/28	24.0	1	0.21	0.63	0.07
6/29	9.1	2	1.10	0.64	0.07
6/30	0.0		0.00	0.64	0.07
7/01	23.6	12	2.54	0.79	0.08
7/02	24.0	1	0.21	0.75	0.09
7/03	24.0	8	1.67	0.81	0.10
7/04	24.0	13	2.71	0.94	0.11
7/05	24.0	1	0.21	0.89	0.12
7/06	8.7	1	0.57	0.89	0.12
7/07	0.0		0.00	0.89	0.12
7/08	24.0	9	1.88	0.94	0.13
7/09	24.0	3	0.63	0.92	0.13
7/10	24.0	3	0.63	0.91	0.14
7/11	23.9	12	2.51	0.99	0.15
7/12	24.1	8	1.66	1.02	0.16
7/13	8.5	5	2.94	1.05	0.17
7/14	0.0		0.00	1.05	0.17
7/15	23.9	23	4.81	1.21	0.20
7/16	24.0	17	3.54	1.31	0.23
7/17	24.2	16	3.31	1.39	0.25
7/18	24.0	26	5.42	1.54	0.28
7/19	24.0	31	6.46	1.72	0.33
7/20	8.9	15	8.43	1.82	0.35
7/21	0.0		0.00	1.82	0.35
7/22	24.0	28	5.83	1.96	0.38
7/23	24.0	24	5.00	2.06	0.42
7/24	24.0	19	3.96	2.12	0.44
7/25	23.8	20	4.20	2.19	0.47
7/26	24.1	22	4.56	2.26	0.50
7/27	9.0	14	7.78	2.32	0.52
7/28	0.0		0.00	2.32	0.52
7/29	23.9	26	5.44	2.42	0.55
7/30	24.0	21	4.38	2.47	0.58
7/31	24.0	25	5.21	2.55	0.62
8/01	24.0	22	4.58	2.60	0.65
8/02	24.0	35	7.29	2.73	0.69
8/03	8.1	10	6.17	2.76	0.71
8/04	0.0		0.00	2.76	0.71
8/05	23.7	33	6.96	2.86	0.75
8/06	24.0	24	5.00	2.92	0.79
8/07	24.0	37	7.71	3.03	0.84
8/08	24.2	19	3.93	3.06	0.86
8/09	23.8	11	2.31	3.04	0.88
8/10	9.1	2	1.10	3.02	0.88
8/11			0.00	3.02	0.88
8/12	23.9	8	1.67	2.99	0.89
8/13	24.0	5	1.04	2.95	0.90
8/14	24.0	5	1.04	2.91	0.90
8/15	24.0	6	1.25	2.87	0.91
8/16	24.0	4	0.83	2.83	0.92
8/17	9.0	3	1.67	2.82	0.92
8/18	0.0		0.00	2.82	0.92
8/19	23.8	3	0.63	2.78	0.93
8/20	24.0	6	1.25	2.75	0.93
8/21	24.0	11	2.29	2.74	0.95
8/22	24.0	10	2.08	2.73	0.96
8/23	24.0	6	1.25	2.70	0.97
8/24	8.5	1	0.59	2.69	0.97
8/25	0.0		0.00	2.69	0.97
8/26	23.5	1	0.21	2.64	0.97
8/27	24.0	3	0.63	2.61	0.98
8/28	24.3	2	0.41	2.57	0.98
8/29	25.6	3	0.59	2.53	0.98
8/30	22.5	1	0.22	2.49	0.99
8/31	8.4	0	0.00	2.48	0.99
9/01	0.0		0.00	2.48	0.99
9/02	23.4	1	0.21	2.44	0.99
9/03	24.0	5	1.04	2.42	0.99
9/04	24.2	1	0.21	2.38	0.99
9/05	24.0	2	0.42	2.35	1.00
9/06	23.9	2	0.42	2.32	1.00
9/07	8.3	0	0.00	2.31	1.00
9/08	0.0		0.00	2.31	1.00
9/09	24.2	0	0.00	2.28	1.00
9/10	23.7	0	0.00	2.24	1.00
9/11					
9/12					
Totals	1701	735	172.58		

Mean day of catch 7/26