

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 124 August 2017



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 24th November, 2021



Fisheries and Oceans
Canada

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Canada



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Eagle Marine (Fuel Dock)		Island West	
		MD	PM	MD	PM
29 Jul 2017	Weekend			1	
30 Jul 2017	Weekend				1
31 Jul 2017	Midweek				2
01 Aug 2017	Midweek				
02 Aug 2017	Midweek				
03 Aug 2017	Midweek				
04 Aug 2017	Midweek				
05 Aug 2017	Weekend				
06 Aug 2017	Weekend				5
07 Aug 2017	Weekend				
08 Aug 2017	Midweek				
09 Aug 2017	Midweek			2	
10 Aug 2017	Midweek	1			
11 Aug 2017	Midweek			2	
12 Aug 2017	Weekend				
13 Aug 2017	Weekend				
14 Aug 2017	Midweek				
15 Aug 2017	Midweek				
16 Aug 2017	Midweek				
17 Aug 2017	Midweek				
18 Aug 2017	Midweek				
19 Aug 2017	Weekend				
20 Aug 2017	Weekend				
21 Aug 2017	Midweek		1		
22 Aug 2017	Midweek				
23 Aug 2017	Midweek				
24 Aug 2017	Midweek				
25 Aug 2017	Midweek				
26 Aug 2017	Weekend				
27 Aug 2017	Weekend		1		
28 Aug 2017	Midweek				
29 Aug 2017	Midweek				
30 Aug 2017	Midweek				
31 Aug 2017	Midweek				1
01 Sep 2017	Midweek				
02 Sep 2017	Weekend				
03 Sep 2017	Weekend				

Table 2: Daily tally of interviews, catch and effort.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-Jul-2017	Saturday	calm/rippled	4	10	2		3	30	0948	36
30-Jul-2017	Sunday	frequent whitecaps	9	30	3		2			
31-Jul-2017	Monday	choppy	12	37	6		2			
01-Aug-2017	Tuesday		15	67	8		7			
02-Aug-2017	Wednesday		9	38	5		7	34	1007	38
03-Aug-2017	Thursday		10	28	3		7			
04-Aug-2017	Friday		6	21	2		1			
05-Aug-2017	Saturday		9	31	6		1			
06-Aug-2017	Sunday	calm/rippled	17	44	6		11			
07-Aug-2017	Monday (B.C. Day)		14	33	2		6			
08-Aug-2017	Tuesday		8	37			7			
09-Aug-2017	Wednesday	calm/rippled	8	13			12			
10-Aug-2017	Thursday	choppy	12	36	2		8			
11-Aug-2017	Friday	choppy	11	38	3		2			
12-Aug-2017	Saturday		3	16	4		2			
13-Aug-2017	Sunday		5	11			2	5	0955	6
14-Aug-2017	Monday		2	12	1		2			
15-Aug-2017	Tuesday		9	32	6		2			
16-Aug-2017	Wednesday		7	30	9					
17-Aug-2017	Thursday		3	20	4		3	17	1003	19
18-Aug-2017	Friday		4	21	2		2			
19-Aug-2017	Saturday		5	19	4			28	1206	39
20-Aug-2017	Sunday		7	20	1		5			
21-Aug-2017	Monday	choppy	6	15	4		3			
22-Aug-2017	Tuesday		5	14	7		1			
23-Aug-2017	Wednesday		1	4						
24-Aug-2017	Thursday		3	10	1					
25-Aug-2017	Friday		3	10	1			21	1012	23
26-Aug-2017	Saturday		5	11			6	24	1019	29
27-Aug-2017	Sunday	choppy	3	16	2		2			
28-Aug-2017	Monday		7	11	2		7			
29-Aug-2017	Tuesday		2	8	4					
30-Aug-2017	Wednesday		5	9	4		1			
31-Aug-2017	Thursday	choppy	4	4	2					
01-Sep-2017	Friday		2	8	3					
02-Sep-2017	Saturday		5	23	3		3	2	0956	2
03-Sep-2017	Sunday		4	6	1		2			
	Totals	choppy	140	478	70		72	24*		27*
	Totals	choppy	68	201	25		35	19*		25*

* Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

Day Type	Average Expanded Boats	Number of Days	Total Estimated Effort	CPUE				Retained			
				Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
Weekend	25	9	225	2.956	0.368		0.515	665	83		116
Midweek	27	22	594	3.414	0.5		0.514	2028	297		305

Table 4: Recent years estimates of retained catch and effort.

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2012	August	2129	4022	1758	0	1944
2013	August	851	1552	1335		1371
2014	August	859	2800	1738	24	931
2015	August	937	2609	297		683
2016	August	1750	4838	914		861
2017	August	471	1417	236	60	281
5-Yr Avg	August	1305	3164	1208	12	1158

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
Coho	221	94%	9%	156	53%	12%	19
Chinook	754	53%	23%	69	5%	249%	172

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1552	71%
iRec Responses	43	12%

Figure 1: Proportion of each day's fishing by hour.

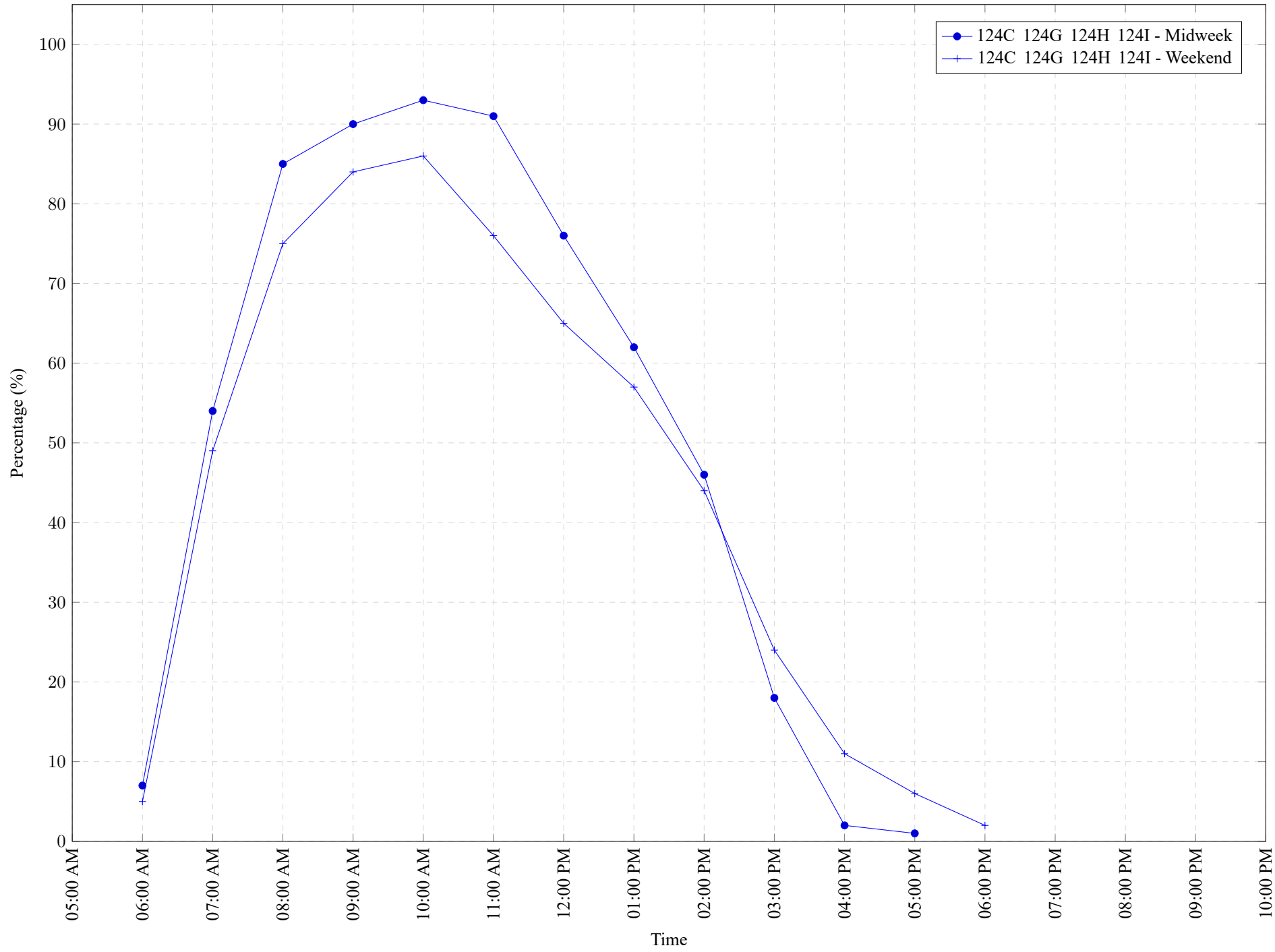


Table 7: Proportion of each day's fishing by hour.

Areas				Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	01:00 PM	02:00 PM	03:00 PM	04:00 PM	05:00 PM	06:00 PM	07:00 PM	08:00 PM	09:00 PM	10:00 PM
124C	124G	124H	124I	Midweek	7%	54%	85%	90%	93%	91%	76%	62%	46%	18%	2%	1%	0%	0%	0%	0%	0%
124C	124G	124H	124I	Weekend	5%	49%	75%	84%	86%	76%	65%	57%	44%	24%	11%	6%	2%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Eagle Marine (Fuel Dock)	Island West
29 Jul 2017	Weekend		calm/rippled
30 Jul 2017	Weekend		frequent whitecaps
31 Jul 2017	Midweek		choppy
01 Aug 2017	Midweek		
02 Aug 2017	Midweek		
03 Aug 2017	Midweek		
04 Aug 2017	Midweek		
05 Aug 2017	Weekend		
06 Aug 2017	Weekend		calm/rippled
07 Aug 2017	Weekend		
08 Aug 2017	Midweek		
09 Aug 2017	Midweek		calm/rippled
10 Aug 2017	Midweek	choppy	
11 Aug 2017	Midweek		choppy
12 Aug 2017	Weekend		
13 Aug 2017	Weekend		
14 Aug 2017	Midweek		
15 Aug 2017	Midweek		
16 Aug 2017	Midweek		
17 Aug 2017	Midweek		
18 Aug 2017	Midweek		
19 Aug 2017	Weekend		
20 Aug 2017	Weekend		
21 Aug 2017	Midweek	choppy	
22 Aug 2017	Midweek		
23 Aug 2017	Midweek		
24 Aug 2017	Midweek		
25 Aug 2017	Midweek		
26 Aug 2017	Weekend		
27 Aug 2017	Weekend	choppy	
28 Aug 2017	Midweek		
29 Aug 2017	Midweek		
30 Aug 2017	Midweek		
31 Aug 2017	Midweek		choppy
01 Sep 2017	Midweek		
02 Sep 2017	Weekend		
03 Sep 2017	Weekend		