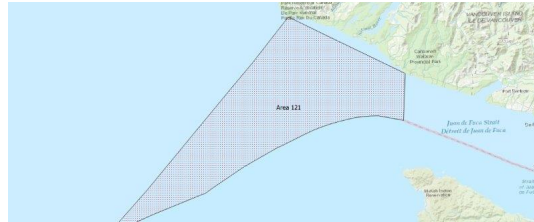


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 September 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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	Pacific Gateway Marina MD
29 Aug 2019	Midweek	2
30 Aug 2019	Midweek	
31 Aug 2019	Weekend	1
01 Sep 2019	Weekend	
02 Sep 2019	Weekend	3
03 Sep 2019	Midweek	
04 Sep 2019	Midweek	
05 Sep 2019	Midweek	
06 Sep 2019	Midweek	
07 Sep 2019	Weekend	
08 Sep 2019	Weekend	2
09 Sep 2019	Midweek	
10 Sep 2019	Midweek	
11 Sep 2019	Midweek	
12 Sep 2019	Midweek	
13 Sep 2019	Midweek	
14 Sep 2019	Weekend	
15 Sep 2019	Weekend	
16 Sep 2019	Midweek	
17 Sep 2019	Midweek	
18 Sep 2019	Midweek	
19 Sep 2019	Midweek	
20 Sep 2019	Midweek	
21 Sep 2019	Weekend	3
22 Sep 2019	Weekend	
23 Sep 2019	Midweek	
24 Sep 2019	Midweek	
25 Sep 2019	Midweek	
26 Sep 2019	Midweek	
27 Sep 2019	Midweek	
28 Sep 2019	Weekend	1
29 Sep 2019	Weekend	
30 Sep 2019	Midweek	
01 Oct 2019	Midweek	
02 Oct 2019	Midweek	
03 Oct 2019	Midweek	

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-Aug-2019	Thursday	calm/rippled	2		4		1			
30-Aug-2019	Friday		0							
31-Aug-2019	Saturday	calm/rippled	1					13	0835	18
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)	calm/rippled	3				1			
03-Sep-2019	Tuesday		0							
04-Sep-2019	Wednesday		0							
05-Sep-2019	Thursday		0							
06-Sep-2019	Friday		0							
07-Sep-2019	Saturday		0					6	0851	8
08-Sep-2019	Sunday	calm/rippled	2							
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday		0					5	0843	12
12-Sep-2019	Thursday		0							
13-Sep-2019	Friday		0							
14-Sep-2019	Saturday		0							
15-Sep-2019	Sunday		0							
16-Sep-2019	Monday		0							
17-Sep-2019	Tuesday		0							
18-Sep-2019	Wednesday		0					3	0855	6
19-Sep-2019	Thursday		0							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday	calm/rippled	3				8			
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0					0	0834	0
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0							
28-Sep-2019	Saturday	calm/rippled	1	1						
29-Sep-2019	Sunday		0					1	0945	1
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals							3*		6*
	Totals	calm/rippled	9	1			9	4*		5*

* 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
Midweek	6	20	120								
Weekend	5	10	50	0.1110			1	6			50

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	78	25	132		153
2015	September	39	44	53		68
2016	September	26		56		8
2017	September	123	7	390		24
2018	September	112	3	170		11
2019	September	143	4			36
5-Yr Avg	September	76	20	160		53

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	9	89%
iRec Anglers	131	28%
iRec Responses	6	17%

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

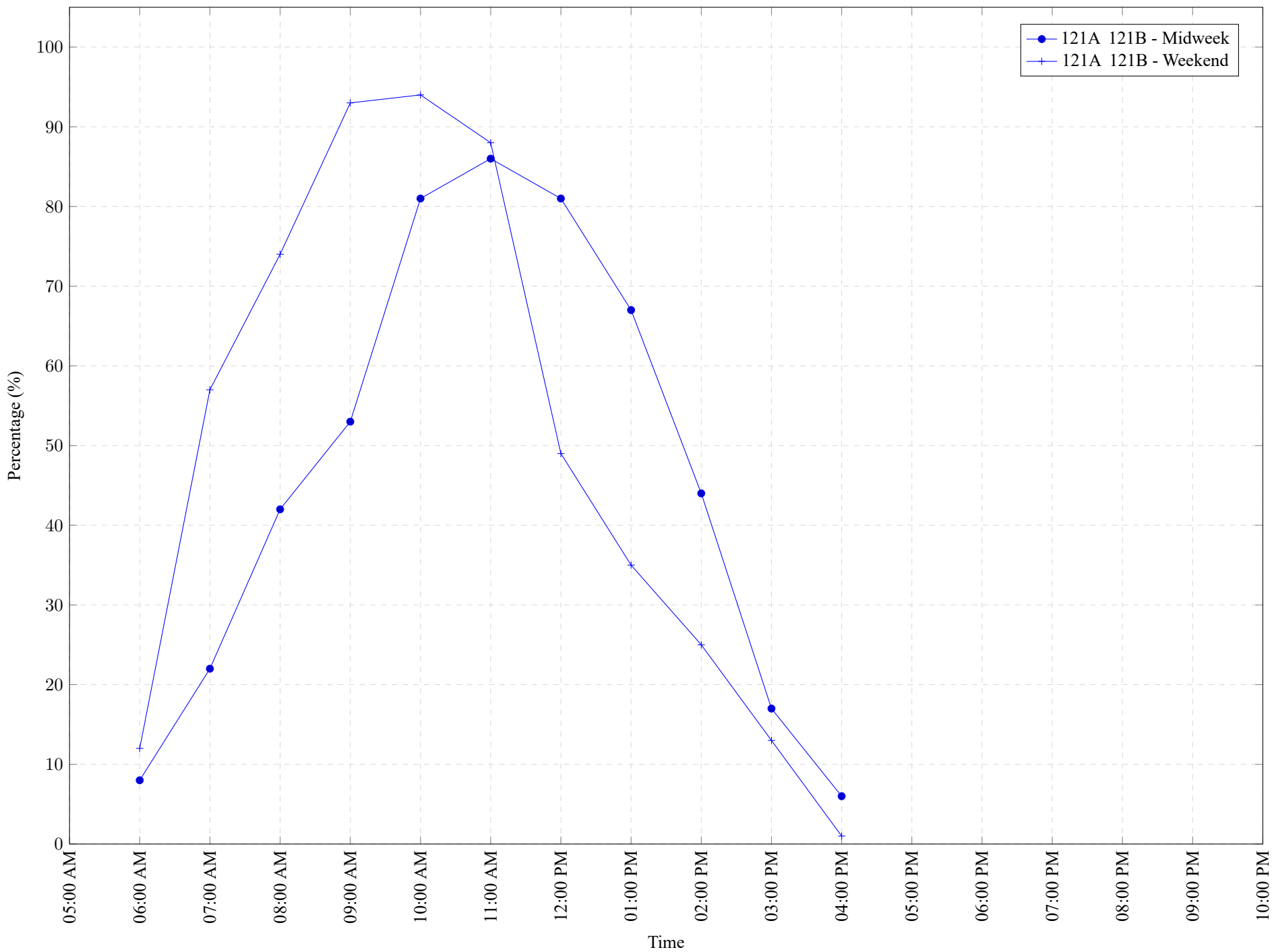


Table 7: Proportion of each day's fishing by hour.

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
121A	121B	Midweek	8%	22%	42%	53%	81%	86%	81%	67%	44%	17%	6%	0%	0%	0%	0%	0%	0%
121A	121B	Weekend	12%	57%	74%	93%	94%	88%	49%	35%	25%	13%	1%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina
29 Aug 2019	Midweek	calm/rippled
30 Aug 2019	Midweek	
31 Aug 2019	Weekend	calm/rippled
01 Sep 2019	Weekend	
02 Sep 2019	Weekend	calm/rippled
03 Sep 2019	Midweek	
04 Sep 2019	Midweek	
05 Sep 2019	Midweek	
06 Sep 2019	Midweek	
07 Sep 2019	Weekend	
08 Sep 2019	Weekend	calm/rippled
09 Sep 2019	Midweek	
10 Sep 2019	Midweek	
11 Sep 2019	Midweek	
12 Sep 2019	Midweek	
13 Sep 2019	Midweek	
14 Sep 2019	Weekend	
15 Sep 2019	Weekend	
16 Sep 2019	Midweek	
17 Sep 2019	Midweek	
18 Sep 2019	Midweek	
19 Sep 2019	Midweek	
20 Sep 2019	Midweek	
21 Sep 2019	Weekend	calm/rippled
22 Sep 2019	Weekend	
23 Sep 2019	Midweek	
24 Sep 2019	Midweek	
25 Sep 2019	Midweek	
26 Sep 2019	Midweek	
27 Sep 2019	Midweek	
28 Sep 2019	Weekend	calm/rippled
29 Sep 2019	Weekend	
30 Sep 2019	Midweek	
01 Oct 2019	Midweek	
02 Oct 2019	Midweek	
03 Oct 2019	Midweek	