

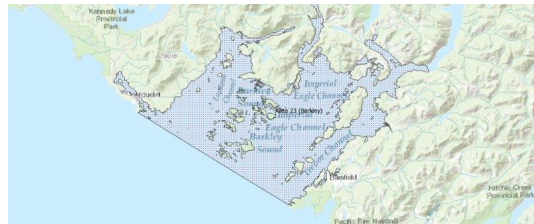
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 23 (Barkley) May 2022



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> January, 2023



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

Date	Day Type	Clutesi Ramp MD	McKay Bay Gas Dock PM	Mills Landing MD	Ucluelet Gov Dock MD
28 Apr 2022	Midweek				
29 Apr 2022	Midweek				
30 Apr 2022	Weekend				
01 May 2022	Weekend				
02 May 2022	Midweek				
03 May 2022	Midweek				
04 May 2022	Midweek				
05 May 2022	Midweek				
06 May 2022	Midweek				
07 May 2022	Weekend				
08 May 2022	Weekend				
09 May 2022	Midweek				
10 May 2022	Midweek				
11 May 2022	Midweek				
12 May 2022	Midweek				
13 May 2022	Midweek				
14 May 2022	Weekend				
15 May 2022	Weekend				
16 May 2022	Midweek				
17 May 2022	Midweek				
18 May 2022	Midweek				
19 May 2022	Midweek				
20 May 2022	Midweek				
21 May 2022	Weekend				
22 May 2022	Weekend				
23 May 2022	Weekend				
24 May 2022	Midweek				
25 May 2022	Midweek				
26 May 2022	Midweek				
27 May 2022	Midweek				
28 May 2022	Weekend				
29 May 2022	Weekend				
30 May 2022	Midweek				
31 May 2022	Midweek				
01 Jun 2022	Midweek	1		1	
02 Jun 2022	Midweek		5		2
03 Jun 2022	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
28-Apr-2022	Thursday		0							
29-Apr-2022	Friday		0							
30-Apr-2022	Saturday		0							
01-May-2022	Sunday		0							
02-May-2022	Monday		0							
03-May-2022	Tuesday		0							
04-May-2022	Wednesday		0							
05-May-2022	Thursday		0							
06-May-2022	Friday		0							
07-May-2022	Saturday		0							
08-May-2022	Sunday		0							
09-May-2022	Monday		0							
10-May-2022	Tuesday		0							
11-May-2022	Wednesday		0							
12-May-2022	Thursday		0							
13-May-2022	Friday		0							
14-May-2022	Saturday		0							
15-May-2022	Sunday		0							
16-May-2022	Monday		0							
17-May-2022	Tuesday		0							
18-May-2022	Wednesday		0							
19-May-2022	Thursday		0							
20-May-2022	Friday		0							
21-May-2022	Saturday		4	2						
22-May-2022	Sunday		0							
23-May-2022	Monday (Victoria Day)		2	1						
24-May-2022	Tuesday		0							
25-May-2022	Wednesday		0							
26-May-2022	Thursday		0							
27-May-2022	Friday		0							
28-May-2022	Saturday		0							
29-May-2022	Sunday		0							
30-May-2022	Monday		1	4						
31-May-2022	Tuesday		3	7						
01-Jun-2022	Wednesday	choppy	5	11				16	0630	
02-Jun-2022	Thursday	calm/rippled	2	1						
03-Jun-2022	Friday	choppy	15	26	1					
	Totals		4	11				*		*
	Totals		6	3				*		*

\* 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		10		0.5							
Midweek		21		2.75							

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	May	576	545			14
2018	May	786	720			72
2019	May	360	172			
2020	May	454	264			19
2021	May	769	857			47
5-Yr Avg	May	589	512			38

**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
Chinook		%		540	51%	17%	90

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1354	31%

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

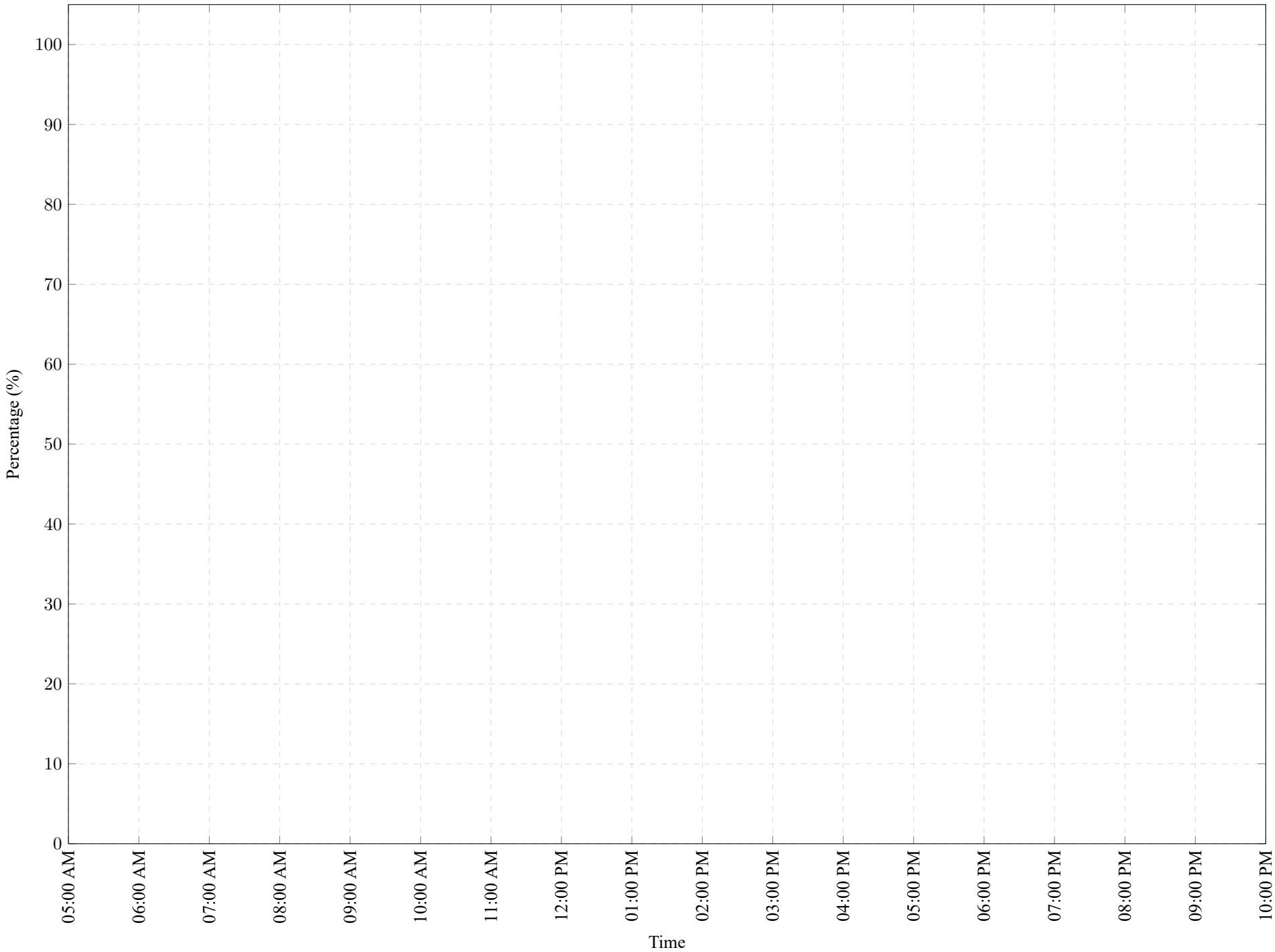


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Clutesi Ramp	McKay Bay Gas Dock	Mills Landing	Ucluelet Gov Dock
28 Apr 2022	Midweek				
29 Apr 2022	Midweek				
30 Apr 2022	Weekend				
01 May 2022	Weekend				
02 May 2022	Midweek				
03 May 2022	Midweek				
04 May 2022	Midweek				
05 May 2022	Midweek				
06 May 2022	Midweek				
07 May 2022	Weekend				
08 May 2022	Weekend				
09 May 2022	Midweek				
10 May 2022	Midweek				
11 May 2022	Midweek				
12 May 2022	Midweek				
13 May 2022	Midweek				
14 May 2022	Weekend				
15 May 2022	Weekend				
16 May 2022	Midweek				
17 May 2022	Midweek				
18 May 2022	Midweek				
19 May 2022	Midweek				
20 May 2022	Midweek				
21 May 2022	Weekend				
22 May 2022	Weekend				
23 May 2022	Weekend				
24 May 2022	Midweek				
25 May 2022	Midweek				
26 May 2022	Midweek				
27 May 2022	Midweek				
28 May 2022	Weekend				
29 May 2022	Weekend				
30 May 2022	Midweek				
31 May 2022	Midweek				
01 Jun 2022	Midweek	calm/rippled		choppy	
02 Jun 2022	Midweek				calm/rippled
03 Jun 2022	Midweek		choppy		