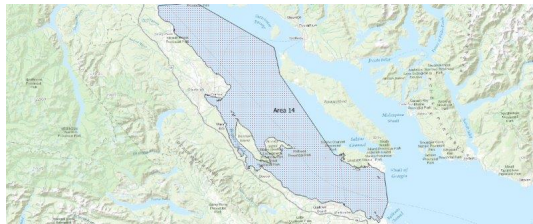


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 April 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Comox Mun		Discovery Marina South PM	French Ck		Schooner	Union Bay
		AM	PM		AM	PM	PM	AM
29 Mar 2022	Midweek							
30 Mar 2022	Midweek							
31 Mar 2022	Midweek							
01 Apr 2022	Midweek							
02 Apr 2022	Weekend							
03 Apr 2022	Weekend							
04 Apr 2022	Midweek							
05 Apr 2022	Midweek							
06 Apr 2022	Midweek		2					
07 Apr 2022	Midweek							
08 Apr 2022	Midweek							
09 Apr 2022	Weekend			1				
10 Apr 2022	Weekend		5					
11 Apr 2022	Midweek							
12 Apr 2022	Midweek							
13 Apr 2022	Midweek							
14 Apr 2022	Midweek							
15 Apr 2022	Weekend	3						
16 Apr 2022	Weekend							
17 Apr 2022	Weekend							
18 Apr 2022	Midweek							
19 Apr 2022	Midweek							1
20 Apr 2022	Midweek							
21 Apr 2022	Midweek							
22 Apr 2022	Midweek					6		
23 Apr 2022	Weekend				2			3
24 Apr 2022	Weekend							
25 Apr 2022	Midweek							
26 Apr 2022	Midweek							
27 Apr 2022	Midweek				1			
28 Apr 2022	Midweek	1						
29 Apr 2022	Midweek							
30 Apr 2022	Weekend							
01 May 2022	Weekend							
02 May 2022	Midweek							
03 May 2022	Midweek						1	

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-Mar-2022	Tuesday		3	2						
30-Mar-2022	Wednesday		2	1						
31-Mar-2022	Thursday		3	1						
01-Apr-2022	Friday		0					0	1121	0
02-Apr-2022	Saturday		0					5	1121	9
03-Apr-2022	Sunday		0							
04-Apr-2022	Monday		0							
05-Apr-2022	Tuesday		0					0	1118	0
06-Apr-2022	Wednesday	calm/rippled	2							
07-Apr-2022	Thursday		0							
08-Apr-2022	Friday		0							
09-Apr-2022	Saturday	calm/rippled	1					8	1142	15
10-Apr-2022	Sunday	calm/rippled	5							
11-Apr-2022	Monday		1							
12-Apr-2022	Tuesday		0							
13-Apr-2022	Wednesday		2							
14-Apr-2022	Thursday		1					8	1119	22
15-Apr-2022	Friday (Good Friday)	choppy	6					10	1102	19
16-Apr-2022	Saturday		2							
17-Apr-2022	Sunday		0							
18-Apr-2022	Monday		0							
19-Apr-2022	Tuesday	calm/rippled	2							
20-Apr-2022	Wednesday		0							
21-Apr-2022	Thursday		2							
22-Apr-2022	Friday	choppy	6	1						
23-Apr-2022	Saturday	choppy	6							
24-Apr-2022	Sunday		0							
25-Apr-2022	Monday		0							
26-Apr-2022	Tuesday		0							
27-Apr-2022	Wednesday	choppy	2					13	1057	41
28-Apr-2022	Thursday	calm/rippled	1							
29-Apr-2022	Friday		1							
30-Apr-2022	Saturday		1							
01-May-2022	Sunday		1							
02-May-2022	Monday		0					0	1056	0
03-May-2022	Tuesday	calm/rippled	1							
	Totals	calm/rippled	20	1				5*		16*
	Totals	choppy	21					8*		14*

* 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	16	20	320	0.05				16			
Weekend	14	10	140								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	360	77	0		0

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	0	0%			%		2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	41	4%
iRec Anglers	200	39%

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

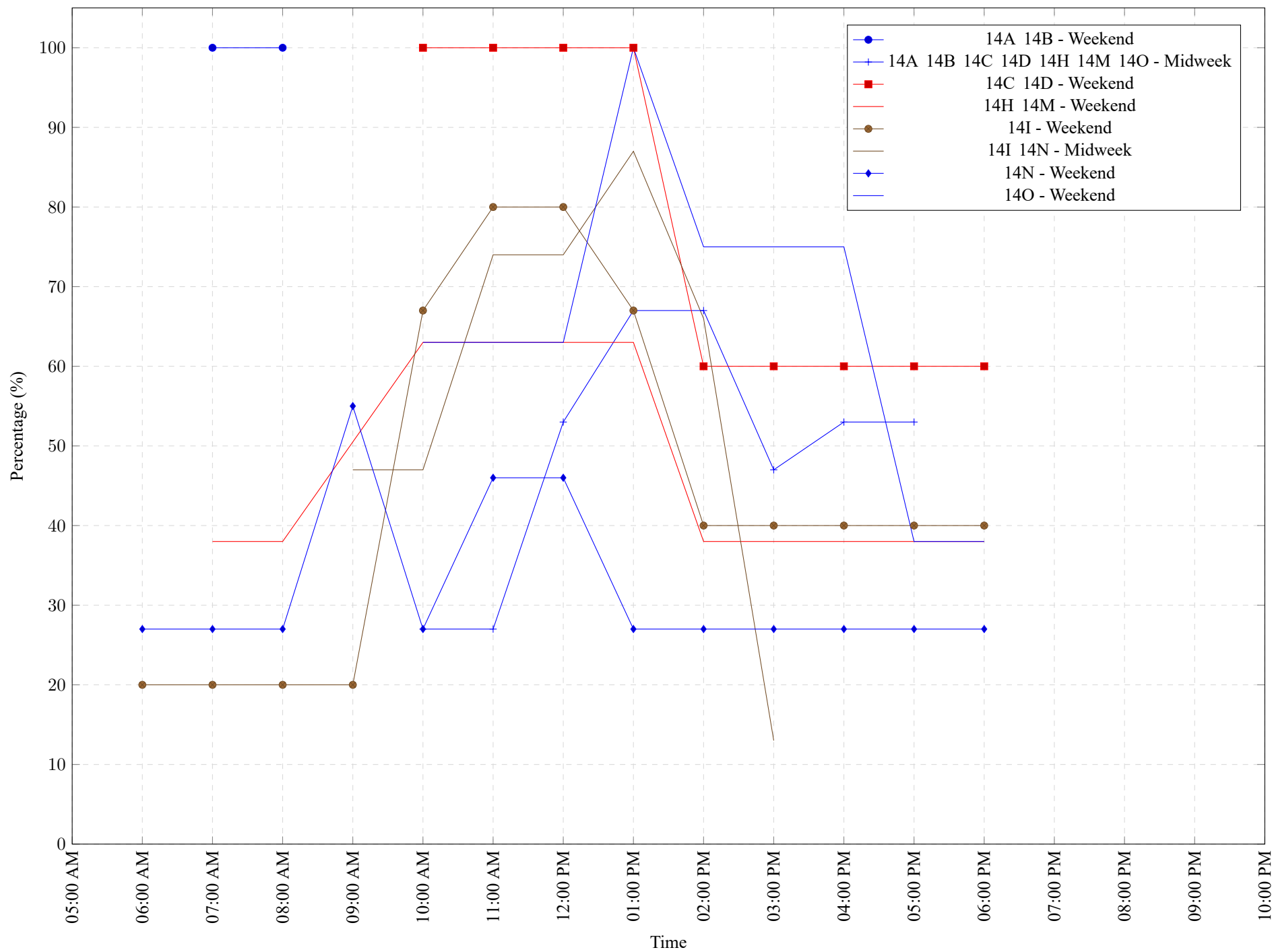


Table 7: Proportion of each day's fishing by hour.

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
14A 14B		Weekend	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
14A 14B 14C 14D 14H 14M 14O		Midweek	0%	0%	0%	0%	27%	27%	53%	67%	67%	47%	53%	53%	0%	0%	0%	0%	0%
14C 14D		Weekend	0%	0%	0%	0%	100%	100%	100%	100%	60%	60%	60%	60%	60%	0%	0%	0%	0%
14H 14M		Weekend	0%	38%	38%	0%	63%	63%	63%	63%	38%	38%	38%	38%	38%	0%	0%	0%	0%
14I		Weekend	20%	20%	20%	20%	67%	80%	80%	67%	40%	40%	40%	40%	40%	0%	0%	0%	0%
14I 14N		Midweek	0%	0%	0%	47%	47%	74%	74%	87%	66%	13%	0%	0%	0%	0%	0%	0%	0%
14N		Weekend	27%	27%	27%	55%	27%	46%	46%	27%	27%	27%	27%	27%	27%	0%	0%	0%	0%
14O		Weekend	0%	0%	0%	0%	63%	63%	63%	100%	75%	75%	75%	38%	38%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Comox Mun	Discovery Marina South	French Ck	Schooner	Union Bay
29 Mar 2022	Midweek					
30 Mar 2022	Midweek					
31 Mar 2022	Midweek					
01 Apr 2022	Midweek					
02 Apr 2022	Weekend					
03 Apr 2022	Weekend					
04 Apr 2022	Midweek					
05 Apr 2022	Midweek					
06 Apr 2022	Midweek	calm/rippled				
07 Apr 2022	Midweek					
08 Apr 2022	Midweek					
09 Apr 2022	Weekend		calm/rippled			
10 Apr 2022	Weekend	calm/rippled				
11 Apr 2022	Midweek					
12 Apr 2022	Midweek					
13 Apr 2022	Midweek					
14 Apr 2022	Midweek					
15 Apr 2022	Weekend	choppy				
16 Apr 2022	Weekend					
17 Apr 2022	Weekend					
18 Apr 2022	Midweek					
19 Apr 2022	Midweek					calm/rippled
20 Apr 2022	Midweek					
21 Apr 2022	Midweek					
22 Apr 2022	Midweek			choppy		
23 Apr 2022	Weekend			choppy		choppy
24 Apr 2022	Weekend					
25 Apr 2022	Midweek					
26 Apr 2022	Midweek					
27 Apr 2022	Midweek			choppy		
28 Apr 2022	Midweek	calm/rippled				
29 Apr 2022	Midweek					
30 Apr 2022	Weekend					
01 May 2022	Weekend					
02 May 2022	Midweek					
03 May 2022	Midweek				calm/rippled	