

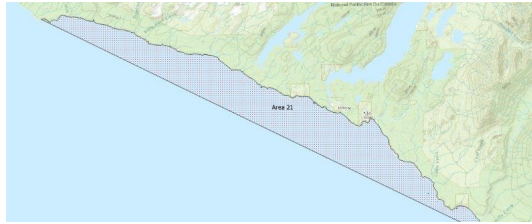
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 21 July 2024



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Saturday 7<sup>th</sup> December, 2024



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 | Pacific Gateway Marina |    |    | Port Renfrew Marina |    |
|-------------|----------|------------------------|----|----|---------------------|----|
|             |          | AM                     | MD | PM | MD                  | PM |
| 28 Jun 2024 | Midweek  |                        | 8  |    |                     | 3  |
| 29 Jun 2024 | Weekend  |                        |    |    | 3                   |    |
| 30 Jun 2024 | Weekend  |                        | 7  |    |                     |    |
| 01 Jul 2024 | Weekend  |                        | 5  |    |                     |    |
| 02 Jul 2024 | Midweek  |                        | 5  |    |                     |    |
| 03 Jul 2024 | Midweek  | 4                      |    |    |                     |    |
| 04 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 05 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 06 Jul 2024 | Weekend  |                        | 12 |    |                     |    |
| 07 Jul 2024 | Weekend  |                        |    |    |                     |    |
| 08 Jul 2024 | Midweek  |                        | 5  |    | 1                   |    |
| 09 Jul 2024 | Midweek  |                        | 5  |    |                     |    |
| 10 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 11 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 12 Jul 2024 | Midweek  |                        |    | 2  |                     |    |
| 13 Jul 2024 | Weekend  |                        |    |    |                     |    |
| 14 Jul 2024 | Weekend  |                        | 8  |    |                     |    |
| 15 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 16 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 17 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 18 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 19 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 20 Jul 2024 | Weekend  |                        |    |    |                     |    |
| 21 Jul 2024 | Weekend  |                        |    |    |                     |    |
| 22 Jul 2024 | Midweek  |                        | 1  |    |                     |    |
| 23 Jul 2024 | Midweek  |                        |    |    | 1                   |    |
| 24 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 25 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 26 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 27 Jul 2024 | Weekend  |                        |    |    |                     |    |
| 28 Jul 2024 | Weekend  |                        | 1  |    |                     |    |
| 29 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 30 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 31 Jul 2024 | Midweek  |                        |    |    |                     |    |
| 01 Aug 2024 | Midweek  |                        |    |    |                     |    |
| 02 Aug 2024 | Midweek  |                        |    |    |                     |    |
| 03 Aug 2024 | 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 |
|-------------|---------------------|----------------------------|------------------------|---------|------|---------|---------|------------------|-------------|------------------|
| 28-Jun-2024 | Friday              | calm/rippled               | 11                     | 22      |      |         | 3       |                  |             |                  |
| 29-Jun-2024 | Saturday            | calm/rippled               | 3                      | 7       |      |         |         |                  |             |                  |
| 30-Jun-2024 | Sunday              | calm/rippled               | 7                      | 16      |      |         | 3       |                  |             |                  |
| 01-Jul-2024 | Monday (Canada Day) | choppy                     | 5                      | 20      | 8    |         |         | 3                | 0846        | 4                |
| 02-Jul-2024 | Tuesday             | large swells               | 5                      | 17      | 1    |         |         |                  |             |                  |
| 03-Jul-2024 | Wednesday           | choppy                     | 4                      | 23      | 3    |         |         | 1                | 1031        | 1                |
| 04-Jul-2024 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 05-Jul-2024 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 06-Jul-2024 | Saturday            | frequent whitecaps         | 12                     | 54      | 1    |         |         | 17               | 0909        | 22               |
| 07-Jul-2024 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 08-Jul-2024 | Monday              | calm/rippled               | 6                      | 10      |      |         |         |                  |             |                  |
| 09-Jul-2024 | Tuesday             | choppy                     | 5                      | 15      | 2    |         |         |                  |             |                  |
| 10-Jul-2024 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 11-Jul-2024 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 12-Jul-2024 | Friday              | frequent whitecaps         | 2                      | 4       |      |         |         |                  |             |                  |
| 13-Jul-2024 | Saturday            |                            | 0                      |         |      |         |         | 3                | 0900        | 4                |
| 14-Jul-2024 | Sunday              | choppy                     | 8                      | 29      | 1    |         |         |                  |             |                  |
| 15-Jul-2024 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 16-Jul-2024 | Tuesday             |                            | 0                      |         |      |         |         | 0                | 1205        | 0                |
| 17-Jul-2024 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 18-Jul-2024 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 19-Jul-2024 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 20-Jul-2024 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 21-Jul-2024 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 22-Jul-2024 | Monday              | calm/rippled               | 1                      |         |      |         |         |                  |             |                  |
| 23-Jul-2024 | Tuesday             | calm/rippled               | 1                      |         |      |         | 1       |                  |             |                  |
| 24-Jul-2024 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 25-Jul-2024 | Thursday            |                            | 0                      |         |      |         |         | 0                | 0853        | 0                |
| 26-Jul-2024 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 27-Jul-2024 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 28-Jul-2024 | Sunday              | calm/rippled               | 1                      |         |      |         | 1       | 0                | 0936        | 0                |
| 29-Jul-2024 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 30-Jul-2024 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 31-Jul-2024 | Wednesday           |                            | 0                      |         |      |         |         | 0                | 1231        | 0                |
| 01-Aug-2024 | Thursday            |                            | 0                      |         |      |         |         | 0                | 0910        | 0                |
| 02-Aug-2024 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 03-Aug-2024 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
|             | Totals              | choppy                     | 24                     | 69      | 6    |         | 1       | 0*               |             | 0*               |
|             | Totals              | choppy                     | 26                     | 103     | 10   |         | 1       | 6*               |             | 8*               |

\* 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  | 8                      | 9              | 72                     | 3.962   | 0.385 |         | 0.038   | 285      | 28   |         | 3       |
| Midweek  | 0                      | 22             | 0                      | 2.875   | 0.25  |         | 0.042   | 0        | 0    |         | 0       |

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

| Year     | Month | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|----------|-------|--------------|--------------|-----------|--------------|--------------|
| 2019     | July  | 124          | 311          | 25        |              | 10           |
| 2020     | July  | 73           | 183          | 47        |              | 14           |
| 2021     | July  | 193          | 595          | 46        | 1            | 20           |
| 2022     | July  | 244          | 936          | 45        |              | 29           |
| 2023     | July  | 105          | 270          | 19        |              | 12           |
| 2024     | July  | 117          | 415          | 38        |              | 0            |
| 5-Yr Avg | July  | 148          | 459          | 36        | 1            | 17           |

**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    | 38                 | 100%            | 3%                    | 53                | 84%            | 2%                   | 1                     |
| Chinook | 188                | 53%             | 6%                    | 166               | 31%            | 7%                   | 11                    |

**Table 6: Guided Proprtions Review.**

| Data Source      | Interviews / Angler Days | Guided Proportion |
|------------------|--------------------------|-------------------|
| Creel Interivews | 50                       | 92%               |
| iRec Anglers     | 857                      | 64%               |

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

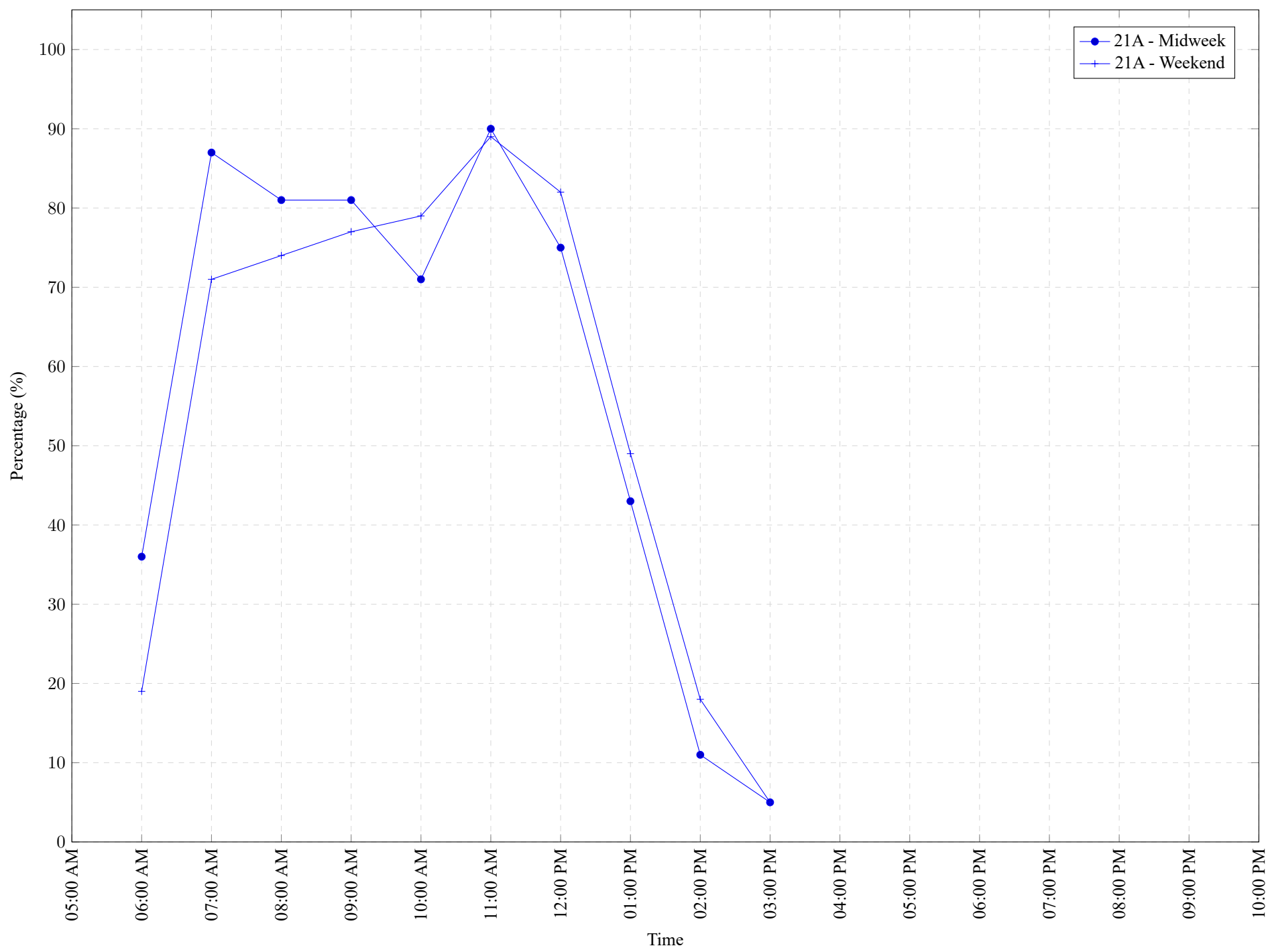


Table 7: Proportion of each day's fishing by hour.

| 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    |
| 21A   | Midweek  | 36%  | 87%  | 81%  | 81%  | 71%   | 90%   | 75%   | 43%   | 11%   | 5%    | 0%    | 0%    | 0%    | 0%    | 0%    | 0%    | 0%    |
| 21A   | Weekend  | 19%  | 71%  | 74%  | 77%  | 79%   | 89%   | 82%   | 49%   | 18%   | 5%    | 0%    | 0%    | 0%    | 0%    | 0%    | 0%    | 0%    |

**Table 8: Daily Fishing Conditions.**

| Date        | Day Type | Pacific Gateway Marina | Port Renfrew Marina |
|-------------|----------|------------------------|---------------------|
| 28 Jun 2024 | Midweek  | calm/rippled           | calm/rippled        |
| 29 Jun 2024 | Weekend  |                        | calm/rippled        |
| 30 Jun 2024 | Weekend  | calm/rippled           |                     |
| 01 Jul 2024 | Weekend  | choppy                 |                     |
| 02 Jul 2024 | Midweek  | large swells           |                     |
| 03 Jul 2024 | Midweek  | choppy                 |                     |
| 04 Jul 2024 | Midweek  |                        |                     |
| 05 Jul 2024 | Midweek  |                        |                     |
| 06 Jul 2024 | Weekend  | frequent whitecaps     |                     |
| 07 Jul 2024 | Weekend  |                        |                     |
| 08 Jul 2024 | Midweek  | calm/rippled           | calm/rippled        |
| 09 Jul 2024 | Midweek  | choppy                 |                     |
| 10 Jul 2024 | Midweek  |                        |                     |
| 11 Jul 2024 | Midweek  |                        |                     |
| 12 Jul 2024 | Midweek  | frequent whitecaps     |                     |
| 13 Jul 2024 | Weekend  |                        |                     |
| 14 Jul 2024 | Weekend  | choppy                 |                     |
| 15 Jul 2024 | Midweek  |                        |                     |
| 16 Jul 2024 | Midweek  |                        |                     |
| 17 Jul 2024 | Midweek  |                        |                     |
| 18 Jul 2024 | Midweek  |                        |                     |
| 19 Jul 2024 | Midweek  |                        |                     |
| 20 Jul 2024 | Weekend  |                        |                     |
| 21 Jul 2024 | Weekend  |                        |                     |
| 22 Jul 2024 | Midweek  | calm/rippled           |                     |
| 23 Jul 2024 | Midweek  |                        | calm/rippled        |
| 24 Jul 2024 | Midweek  |                        |                     |
| 25 Jul 2024 | Midweek  |                        |                     |
| 26 Jul 2024 | Midweek  |                        |                     |
| 27 Jul 2024 | Weekend  |                        |                     |
| 28 Jul 2024 | Weekend  | calm/rippled           |                     |
| 29 Jul 2024 | Midweek  |                        |                     |
| 30 Jul 2024 | Midweek  |                        |                     |
| 31 Jul 2024 | Midweek  |                        |                     |
| 01 Aug 2024 | Midweek  |                        |                     |
| 02 Aug 2024 | Midweek  |                        |                     |
| 03 Aug 2024 | Weekend  |                        |                     |