

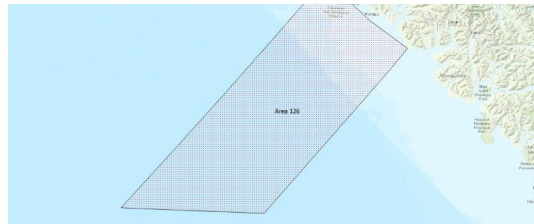
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 126 August 2024



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Wednesday 13<sup>th</sup> November, 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 | Westview Marina |    |    | Winter Harbour Ramp |    |
|-------------|----------|-----------------|----|----|---------------------|----|
|             |          | AM              | MD | PM | AM                  | PM |
| 29 Jul 2024 | Midweek  |                 |    | 1  |                     |    |
| 30 Jul 2024 | Midweek  |                 | 4  |    |                     |    |
| 31 Jul 2024 | Midweek  |                 |    | 4  |                     |    |
| 01 Aug 2024 | Midweek  |                 | 4  |    | 3                   |    |
| 02 Aug 2024 | Midweek  |                 | 3  |    |                     |    |
| 03 Aug 2024 | Weekend  |                 | 2  |    |                     |    |
| 04 Aug 2024 | Weekend  |                 |    | 2  |                     |    |
| 05 Aug 2024 | Weekend  |                 | 3  |    |                     |    |
| 06 Aug 2024 | Midweek  | 1               |    |    |                     |    |
| 07 Aug 2024 | Midweek  |                 | 3  |    |                     |    |
| 08 Aug 2024 | Midweek  |                 | 5  |    |                     |    |
| 09 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 10 Aug 2024 | Weekend  |                 |    |    |                     |    |
| 11 Aug 2024 | Weekend  |                 |    |    |                     |    |
| 12 Aug 2024 | Midweek  |                 |    | 5  |                     |    |
| 13 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 14 Aug 2024 | Midweek  |                 |    | 3  |                     |    |
| 15 Aug 2024 | Midweek  |                 |    | 1  |                     |    |
| 16 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 17 Aug 2024 | Weekend  |                 | 4  |    |                     |    |
| 18 Aug 2024 | Weekend  |                 |    |    |                     |    |
| 19 Aug 2024 | Midweek  |                 |    | 1  |                     |    |
| 20 Aug 2024 | Midweek  |                 | 4  |    |                     |    |
| 21 Aug 2024 | Midweek  |                 |    | 1  | 1                   |    |
| 22 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 23 Aug 2024 | Midweek  |                 | 5  |    |                     |    |
| 24 Aug 2024 | Weekend  |                 | 1  |    |                     |    |
| 25 Aug 2024 | Weekend  |                 |    |    |                     |    |
| 26 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 27 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 28 Aug 2024 | Midweek  |                 |    |    |                     | 1  |
| 29 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 30 Aug 2024 | Midweek  |                 |    |    |                     |    |
| 31 Aug 2024 | Weekend  |                 |    |    |                     |    |
| 01 Sep 2024 | Weekend  |                 |    |    |                     |    |
| 02 Sep 2024 | Weekend  |                 |    |    |                     |    |
| 03 Sep 2024 | 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-Jul-2024 | Monday              | choppy                     | 23                     |         |      |         | 16      |                  |             |                  |
| 30-Jul-2024 | Tuesday             | choppy                     | 36                     | 4       |      |         | 33      |                  |             |                  |
| 31-Jul-2024 | Wednesday           | calm/rippled               | 9                      | 20      | 9    |         | 6       | 35               | 0941        | 48               |
| 01-Aug-2024 | Thursday            | choppy                     | 25                     | 19      | 13   |         | 16      |                  |             |                  |
| 02-Aug-2024 | Friday              | calm/rippled               | 6                      | 17      | 10   |         | 12      |                  |             |                  |
| 03-Aug-2024 | Saturday            | calm/rippled               | 3                      | 4       | 7    |         |         | 1                | 0935        | 2                |
| 04-Aug-2024 | Sunday              | calm/rippled               | 5                      | 16      | 8    |         | 5       |                  |             |                  |
| 05-Aug-2024 | Monday (B.C. Day)   | choppy                     | 6                      |         |      |         | 8       |                  |             |                  |
| 06-Aug-2024 | Tuesday             | choppy                     | 3                      | 7       | 6    |         | 1       |                  |             |                  |
| 07-Aug-2024 | Wednesday           | choppy                     | 7                      | 24      |      |         | 4       |                  |             |                  |
| 08-Aug-2024 | Thursday            | choppy                     | 26                     | 23      |      |         | 35      |                  |             |                  |
| 09-Aug-2024 | Friday              |                            | 3                      |         |      |         | 1       |                  |             |                  |
| 10-Aug-2024 | Saturday            |                            | 21                     | 9       | 6    |         | 13      |                  |             |                  |
| 11-Aug-2024 | Sunday              |                            | 27                     | 9       |      |         | 20      |                  |             |                  |
| 12-Aug-2024 | Monday              | choppy                     | 19                     | 31      | 1    |         | 11      |                  |             |                  |
| 13-Aug-2024 | Tuesday             |                            | 19                     | 30      | 4    |         | 16      |                  |             |                  |
| 14-Aug-2024 | Wednesday           | choppy                     | 30                     | 34      | 10   |         | 15      |                  |             |                  |
| 15-Aug-2024 | Thursday            | calm/rippled               | 3                      | 6       | 1    |         |         | 14               | 0953        | 19               |
| 16-Aug-2024 | Friday              |                            | 5                      | 7       |      |         | 3       |                  |             |                  |
| 17-Aug-2024 | Saturday            | calm/rippled               | 7                      | 13      | 3    |         | 1       |                  |             |                  |
| 18-Aug-2024 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 19-Aug-2024 | Monday              | calm/rippled               | 5                      | 10      | 2    |         | 4       |                  |             |                  |
| 20-Aug-2024 | Tuesday             | calm/rippled               | 9                      | 21      |      |         | 10      |                  |             |                  |
| 21-Aug-2024 | Wednesday           | choppy                     | 2                      | 3       |      |         |         | 19               | 0946        | 25               |
| 22-Aug-2024 | Thursday            |                            | 1                      |         |      |         |         | 21               | 1236        | 42               |
| 23-Aug-2024 | Friday              | calm/rippled               | 7                      | 23      | 4    |         | 3       |                  |             |                  |
| 24-Aug-2024 | Saturday            | calm/rippled               | 1                      | 9       | 4    |         |         | 29               | 0937        | 61               |
| 25-Aug-2024 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 26-Aug-2024 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 27-Aug-2024 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 28-Aug-2024 | Wednesday           | choppy                     | 1                      |         |      |         | 1       |                  |             |                  |
| 29-Aug-2024 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 30-Aug-2024 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 31-Aug-2024 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 01-Sep-2024 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 02-Sep-2024 | Monday (Labour Day) |                            | 0                      |         |      |         |         |                  |             |                  |
| 03-Sep-2024 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
|             | Totals              | choppy                     | 171                    | 255     | 51   |         | 132     | 18*              |             | 29*              |
|             | Totals              | calm/rippled               | 70                     | 60      | 28   |         | 47      | 15*              |             | 32*              |

\* 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  | 29                     | 21             | 609                    | 1.491   | 0.298 |         | 0.772   | 908      | 181  |         | 470     |
| Weekend  | 32                     | 10             | 320                    | 0.857   | 0.4   |         | 0.671   | 274      | 128  |         | 215     |

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

| Year     | Month  | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|----------|--------|--------------|--------------|-----------|--------------|--------------|
| 2019     | August | 1110         | 1681         | 11        |              | 674          |
| 2020     | August | 1183         | 274          | 5         |              | 408          |
| 2021     | August | 396          | 16           | 10        |              | 386          |
| 2022     | August | 1273         | 59           | 61        |              | 906          |
| 2023     | August | 1215         | 1532         | 234       |              | 1059         |
| 2024     | August | 1022         | 1286         | 421       |              | 717          |
| 5-Yr Avg | August | 1035         | 712          | 64        |              | 687          |

**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 |
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|

**Table 6: Guided Proprtions Review.**

| Data Source  | Interviews / Angler Days | Guided Proportion |
|--------------|--------------------------|-------------------|
| iRec Anglers | 2288                     | 73%               |

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

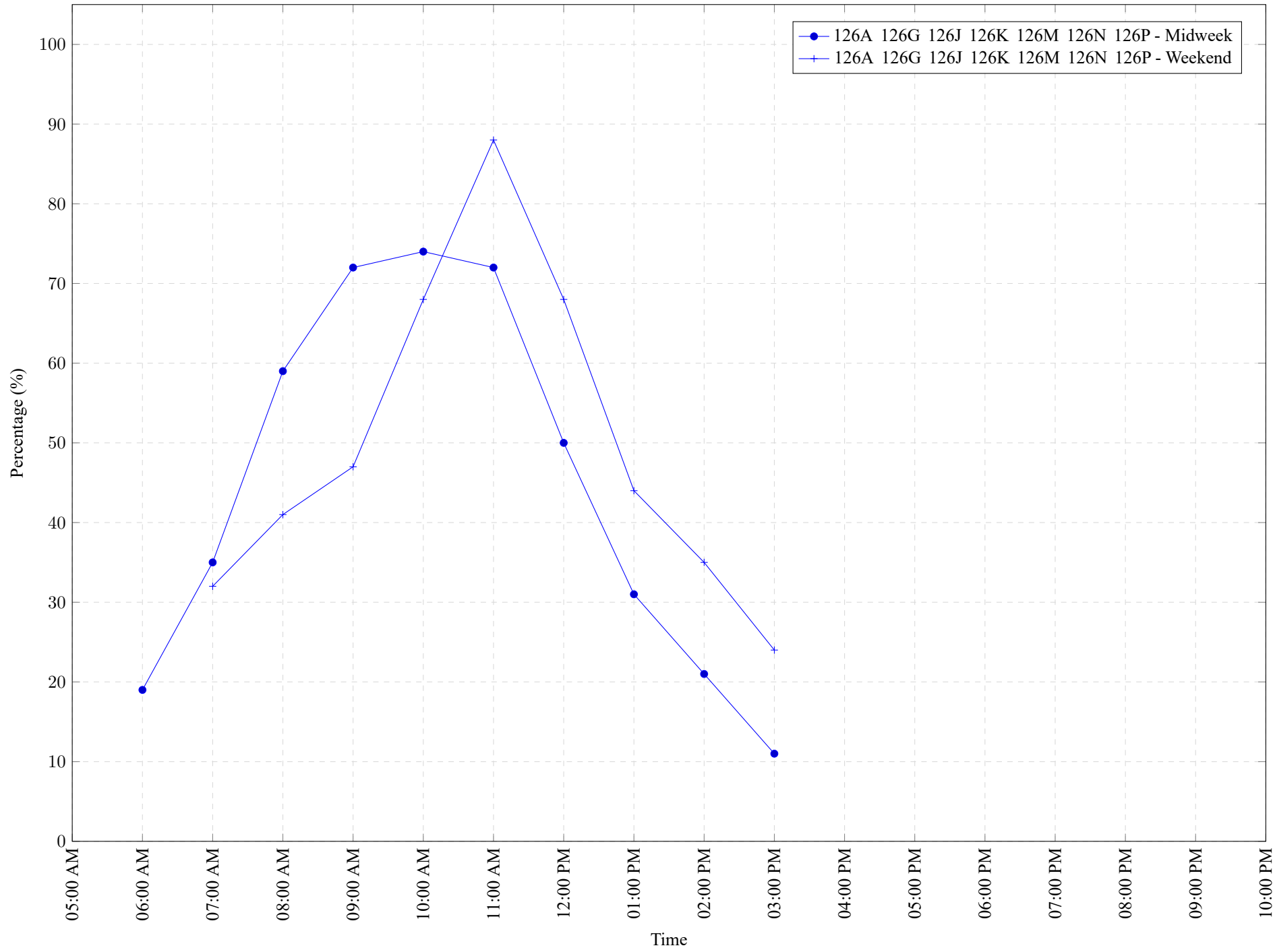


Table 7: Proportion of each day's fishing by hour.

| 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 |
|-------|------|------|------|------|------|------|----------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 126A  | 126G | 126J | 126K | 126M | 126N | 126P | Midweek  | 19%     | 35%     | 59%     | 72%     | 74%      | 72%      | 50%      | 31%      | 21%      | 11%      | 0%       | 0%       | 0%       | 0%       | 0%       | 0%       | 0%       |
| 126A  | 126G | 126J | 126K | 126M | 126N | 126P | Weekend  | 0%      | 32%     | 41%     | 47%     | 68%      | 88%      | 68%      | 44%      | 35%      | 24%      | 0%       | 0%       | 0%       | 0%       | 0%       | 0%       | 0%       |

**Table 8: Daily Fishing Conditions.**

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