

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 October 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 30th November, 2021



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 PM | Lund PM |
|-------------|----------|--------------------|------------|
| 28 Sep 2021 | Midweek | | 2 |
| 29 Sep 2021 | Midweek | | |
| 30 Sep 2021 | Midweek | | |
| 01 Oct 2021 | Midweek | | |
| 02 Oct 2021 | Weekend | | |
| 03 Oct 2021 | Weekend | | |
| 04 Oct 2021 | Midweek | | |
| 05 Oct 2021 | Midweek | | |
| 06 Oct 2021 | Midweek | | |
| 07 Oct 2021 | Midweek | 1 | |
| 08 Oct 2021 | Midweek | | |
| 09 Oct 2021 | Weekend | | |
| 10 Oct 2021 | Weekend | | |
| 11 Oct 2021 | Weekend | | |
| 12 Oct 2021 | Midweek | | |
| 13 Oct 2021 | Midweek | | |
| 14 Oct 2021 | Midweek | | |
| 15 Oct 2021 | Midweek | | |
| 16 Oct 2021 | Weekend | | |
| 17 Oct 2021 | Weekend | | |
| 18 Oct 2021 | Midweek | | |
| 19 Oct 2021 | Midweek | | |
| 20 Oct 2021 | Midweek | | |
| 21 Oct 2021 | Midweek | | |
| 22 Oct 2021 | Midweek | | |
| 23 Oct 2021 | Weekend | | |
| 24 Oct 2021 | Weekend | | |
| 25 Oct 2021 | Midweek | | |
| 26 Oct 2021 | Midweek | | |
| 27 Oct 2021 | Midweek | | |
| 28 Oct 2021 | Midweek | | |
| 29 Oct 2021 | Midweek | | |
| 30 Oct 2021 | Weekend | | |
| 31 Oct 2021 | Weekend | | |
| 01 Nov 2021 | Midweek | | |
| 02 Nov 2021 | Midweek | | |
| 03 Nov 2021 | 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-Sep-2021 | Tuesday | calm/rippled | 2 | | | | | | | |
| 29-Sep-2021 | Wednesday | | 0 | | | | | | | |
| 30-Sep-2021 | Thursday | | 0 | | | | | | | |
| 01-Oct-2021 | Friday | | 0 | | | | | | | |
| 02-Oct-2021 | Saturday | | 0 | | | | | | | |
| 03-Oct-2021 | Sunday | | 0 | | | | | 10 | 1133 | |
| 04-Oct-2021 | Monday | | 0 | | | | | | | |
| 05-Oct-2021 | Tuesday | | 0 | | | | | | | |
| 06-Oct-2021 | Wednesday | choppy | 0 | | | | | 2 | 1109 | |
| 07-Oct-2021 | Thursday | | 1 | | | | | | | |
| 08-Oct-2021 | Friday | | 0 | | | | | | | |
| 09-Oct-2021 | Saturday | | 0 | | | | | 1 | 1101 | |
| 10-Oct-2021 | Sunday | | 0 | | | | | | | |
| 11-Oct-2021 | Monday | | 0 | | | | | | | |
| | (Thanksgiving) | | | | | | | | | |
| 12-Oct-2021 | Tuesday | | 0 | | | | | | | |
| 13-Oct-2021 | Wednesday | | 0 | | | | | | | |
| 14-Oct-2021 | Thursday | | 0 | | | | | 0 | 1059 | |
| 15-Oct-2021 | Friday | | 0 | | | | | | | |
| 16-Oct-2021 | Saturday | | 0 | | | | | | | |
| 17-Oct-2021 | Sunday | | 0 | | | | | | | |
| 18-Oct-2021 | Monday | | 0 | | | | | | | |
| 19-Oct-2021 | Tuesday | | 0 | | | | | 4 | 1116 | |
| 20-Oct-2021 | Wednesday | | 0 | | | | | | | |
| 21-Oct-2021 | Thursday | | 0 | | | | | | | |
| 22-Oct-2021 | Friday | | 0 | | | | | | | |
| 23-Oct-2021 | Saturday | | 0 | | | | | | | |
| 24-Oct-2021 | Sunday | | 0 | | | | | | | |
| 25-Oct-2021 | Monday | | 0 | | | | | | | |
| 26-Oct-2021 | Tuesday | | 0 | | | | | 0 | 1200 | |
| 27-Oct-2021 | Wednesday | | 0 | | | | | | | |
| 28-Oct-2021 | Thursday | | 0 | | | | | | | |
| 29-Oct-2021 | Friday | | 0 | | | | | | | |
| 30-Oct-2021 | Saturday | | 0 | | | | | 5 | 1112 | |
| 31-Oct-2021 | Sunday | | 0 | | | | | 1 | 1130 | |
| 01-Nov-2021 | Monday | | 0 | | | | | | | |
| 02-Nov-2021 | Tuesday | | 0 | | | | | | | |
| 03-Nov-2021 | Wednesday | | 0 | | | | | | | |
| | Totals | choppy | 1 | | | | | 2* | | * |
| | Totals | | | | | | | 4* | | * |

* 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 | | 11 | | | | | | | | | |
| Midweek | | 20 | | | | | | | | | |

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

| Year | Month | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|------|-------|--------------|--------------|-----------|--------------|--------------|
|------|-------|--------------|--------------|-----------|--------------|--------------|

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 | 437 | 2% |

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

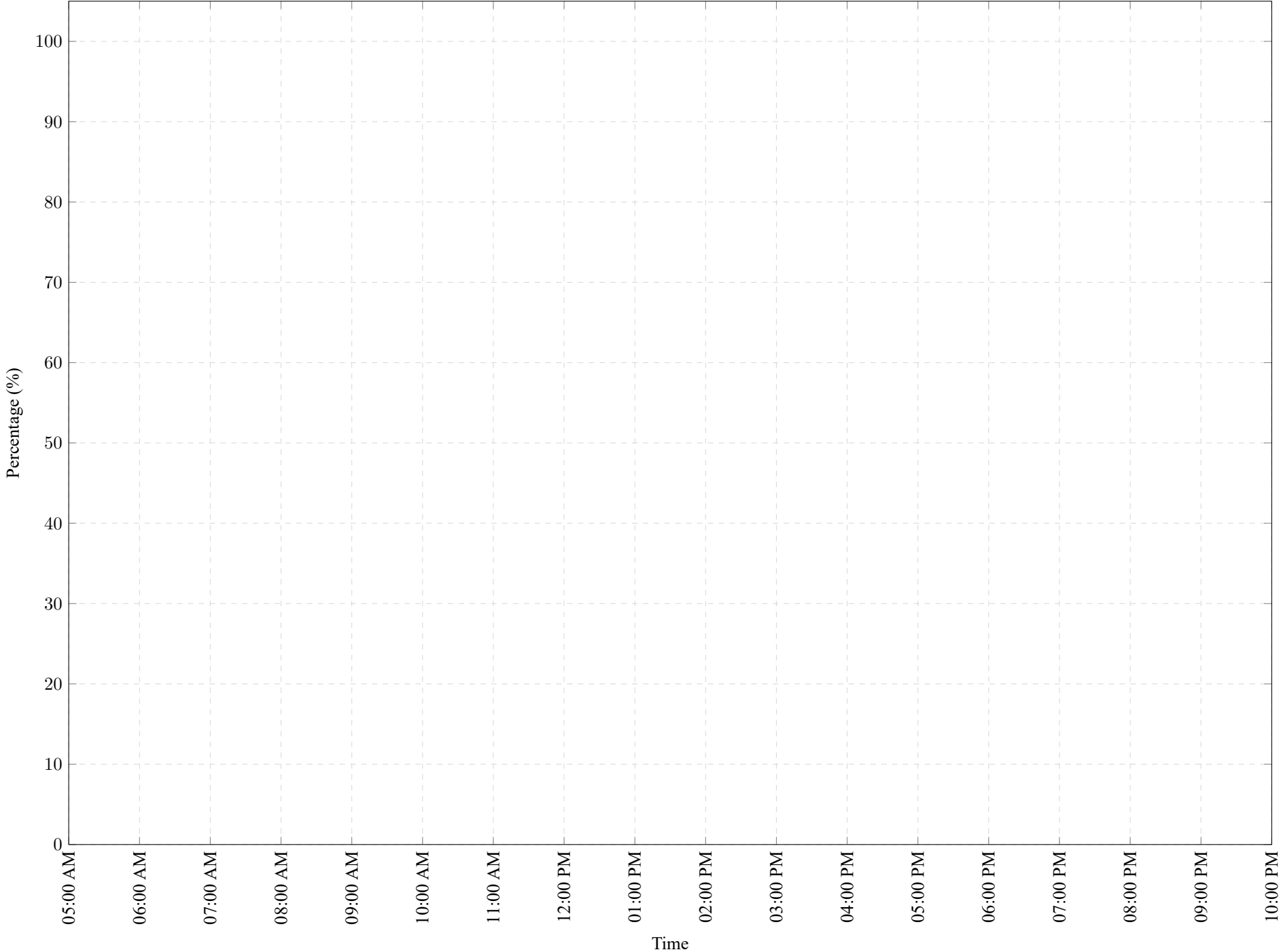


Table 7: Proportion of each day's fishing by hour.

| 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 | Comox Mun | Lund |
|-------------|----------|-----------|--------------|
| 28 Sep 2021 | Midweek | | calm/rippled |
| 29 Sep 2021 | Midweek | | |
| 30 Sep 2021 | Midweek | | |
| 01 Oct 2021 | Midweek | | |
| 02 Oct 2021 | Weekend | | |
| 03 Oct 2021 | Weekend | | |
| 04 Oct 2021 | Midweek | | |
| 05 Oct 2021 | Midweek | | |
| 06 Oct 2021 | Midweek | | |
| 07 Oct 2021 | Midweek | choppy | |
| 08 Oct 2021 | Midweek | | |
| 09 Oct 2021 | Weekend | | |
| 10 Oct 2021 | Weekend | | |
| 11 Oct 2021 | Weekend | | |
| 12 Oct 2021 | Midweek | | |
| 13 Oct 2021 | Midweek | | |
| 14 Oct 2021 | Midweek | | |
| 15 Oct 2021 | Midweek | | |
| 16 Oct 2021 | Weekend | | |
| 17 Oct 2021 | Weekend | | |
| 18 Oct 2021 | Midweek | | |
| 19 Oct 2021 | Midweek | | |
| 20 Oct 2021 | Midweek | | |
| 21 Oct 2021 | Midweek | | |
| 22 Oct 2021 | Midweek | | |
| 23 Oct 2021 | Weekend | | |
| 24 Oct 2021 | Weekend | | |
| 25 Oct 2021 | Midweek | | |
| 26 Oct 2021 | Midweek | | |
| 27 Oct 2021 | Midweek | | |
| 28 Oct 2021 | Midweek | | |
| 29 Oct 2021 | Midweek | | |
| 30 Oct 2021 | Weekend | | |
| 31 Oct 2021 | Weekend | | |
| 01 Nov 2021 | Midweek | | |
| 02 Nov 2021 | Midweek | | |
| 03 Nov 2021 | Midweek | | |