

Summary of Final 2009 Allocation Charts and Tables from the CSAB/DFO Allocation Meeting

Richmond Inn April 15, 2009

DFO-08864

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CSAB: Coast wide Salmon Allocation Meeting

Attendance: Jeff Grout, Peter Sakich, Ron Fowler, Bob Rezansoff, Terry Gustafson, John Hughes, Chris Cue, Chris Ashton, Ryan McEachern, Paul Kershaw, Andrea Goruk, Randy Webb, Rick Haugan, Len Koyanagi, Randy Brahniuk, Terry Palfrey, Corey Jackson, Wayne Saito, Kelly Binning, Wilf Luedke, Dennis Brown, Nick Stevens, Kathy Scarfo (phone), Joy Thorkelson (phone)

Meeting Summary:

- There was an opening discussion of the reduction in the WCVI chinook harvest for the area G troll fleet under the renegotiated Pacific Salmon Treaty and the process for applying mitigation funding provided by the U.S. and potential implications on the allocation framework.
- \$30M US will be provided for mitigation beginning in 2010 to provide mitigation for the WCVI AABM harvest reductions.
- There was agreement that for 2009, the allocation framework would be adjusted as in past years without prejudice to approaches that may be developed for future years as a result of how the mitigation funds are applied and whether impacts are isolated in the area G troll fleet or not. There was recognition that losses of chinook harvest in area G could potentially affect the allocation process in future years depending on which mitigation options are developed.
- Presentation by K. Binning on 2008 post-season allocation review and 2009 projected target allocations

2008 post-season review of projected vs. actual allocations:

- Sockeye equivalents calculations based on 2008 price report by G. Gislason
Discussion of why there was a landed value for area E for chinook and sockeye when there no directed fisheries for these species. Test fishery catches are included as in previous years therefore showing a landed value.

2009 Target Allocations:

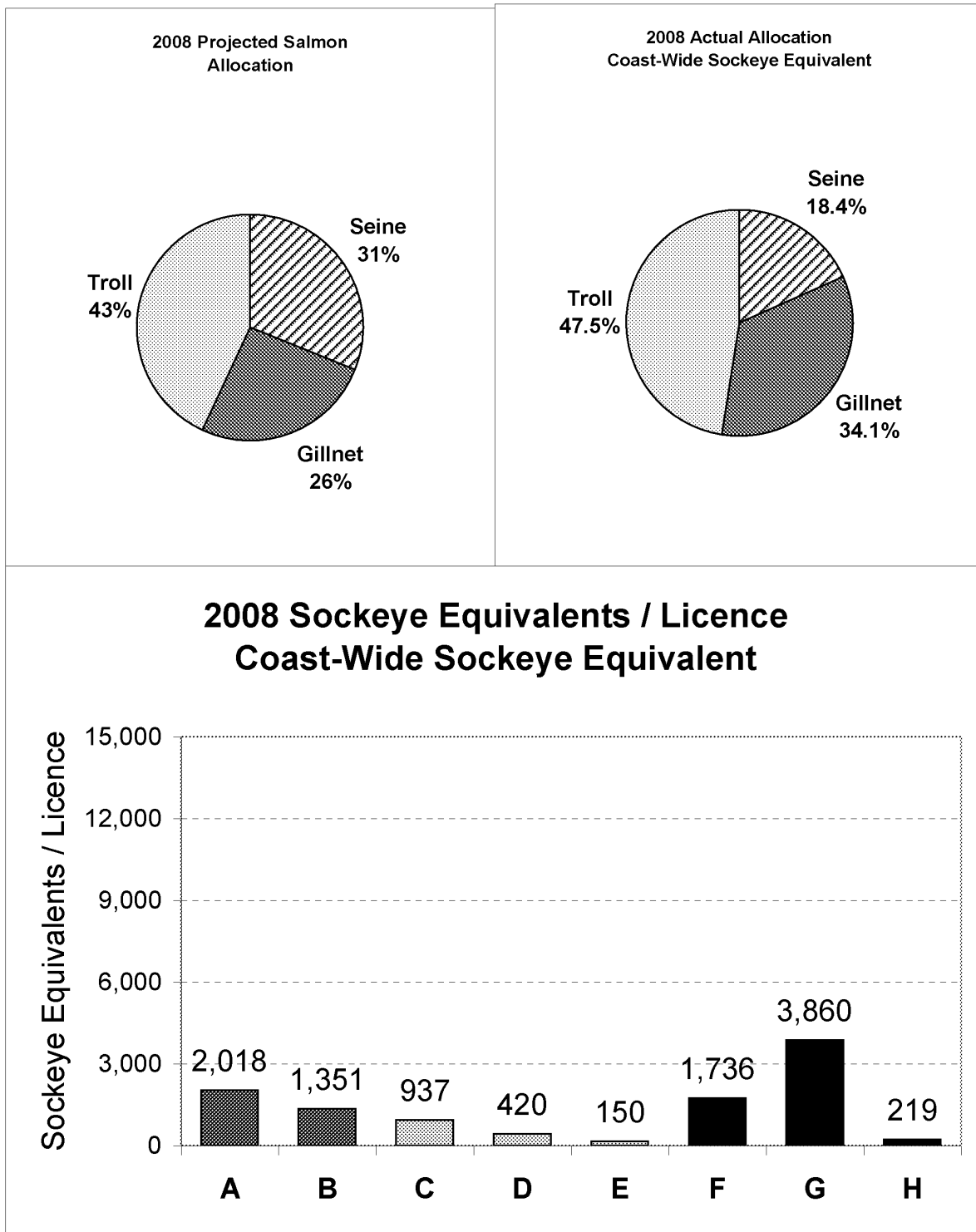
- 2008 gear allocations used as starting point for discussion. Based on these allocation percentages and projected catches for 2009, the coast wide allocations were 38.7% SN: 31.6% GN: 29.8% TR
- In 2009, as in previous years, there was little opportunity to balance allocations to the coast wide target shares of 40% SN: 38% GN: 22% TR given there were little opportunities to move fish using the existing allocation framework.
 - In general, the only opportunity to re-balance the coast-wide troll allocation was with the area H troll allocations. The area F and area G troll allocations of chinook in the AABM areas cannot be moved to the net fleets under existing arrangements.
 - For area H, there was a discussion about whether allocations for sockeye and chum should be zeroed out and transferred to net fleets. This course of action was not endorsed given the past agreement to 'leave nobody behind'.

- In past years, the area H Troll fleet allocation of Fraser sockeye has varied from 7.5% to 14.5%, averaging 11-12%. In year of 7.5%, area G share was 4.5% so troll total was 12%.
 - However, prior to any reallocations, the area H troll share in SE/licence was 3,145 compared to 1,322 for area D and 1,282 for area E. This was not considered to be a fair outcome given the area H troll share was originally re-allocated from the net fleets.
 - Agreement was reached to reduce the Area H share of Fraser sockeye by 6% with reallocation of an additional 3% each to Area D and Area E.
 - To try and re-balance shares to the 40:38:22 formula, the following is a summary of all changes that were made:
 - Production Area 5 - Fraser River sockeye southern areas percentage allocations were changed to reduce the area H allocation and re-allocate it to the gill net fleets as follows– Area B – 47.5% (no change); Area D – 21.5% (from 18.5%); Area E – 25% (from 22%); Area G – 0% (no change); Area H – 6% (from 12%)
 - Production Area 3 - Fraser River pink southern areas percentage allocations were changed to reduce the area G allocation and re-allocated to area E – Area B – 70% (no change); Area D – 4% (no change); Area E – 6.5% (from 1%); Area G – 6.5% (from 12%); Area H – 13% (no change)
 - Production Area 6 – Stat Area 23-27 – Chum – the potential harvest was revised downwards to 10K (from 20K) to reflect poorer harvest expectations in 2009.
 - Subsequent to the meeting, the potential allocation of Chinook harvest in Production Area 1 – Stat Areas 1-5 was adjusted from 102K to 97K as outlined in the NC Salmon IFMP to reflect a 5K reduction in Area F AABM TAC.
 - Production Area 2 – Stat Areas 6-10 Chinook area percentage allocations were revised to reflect the lack of chinook and coho retention opportunities for area F in these areas in 2009, as follows– Area A - 0% (no change); Area C – 99% (from 95%); Area F – 1% (from 5%). Area F was left with 1% as a by-catch placeholder for future discussions.
 - Production Area 3 – Stat Area 11-20, 29 – Chinook – the potential harvest was revised upwards to 2500 (from 500) to reflect the potential for increased chinook by-catch during area E sockeye fisheries or a small demonstration fishery.
 - After re-allocations, the coast wide allocation by sector on sockeye equivalents basis: 38.65% SN: 33.96% GN: 27.39% TR
- Concern was raised about the inadequacy of the annual allocation process to meet current conditions in the salmon fishery given inability to adequately re-balance coast wide seine, gill net and troll shares. A proposal was made to freeze shares

either permanently or for at least 1 cycle (e.g. 4 years). This was not fully supported by the committee and further discussion is required.

- Department to provide an adobe (.pdf) file of revised allocation tables discussed at the meeting.
- Detailed minutes of the meeting will also be available.

2008 Salmon Allocation



**Salmon Allocation - 2008 Results
Coast-Wide Sockeye Equivalent**

Catch by Species, Licence Area, & Gear

| Catch (# of salmon) | | | | | | | | | | | |
|--|---------|---------|---------|-----------|---------|---------|--------|---------|--------|-----------|-----------|
| | A | C | E | North | B | D | E | G | H | South | Total |
| Sockeye Pink Chum Coho Chinook | 202,118 | 535,879 | 594 | 738,591 | 12,374 | 4,098 | 0 | 1 | 508 | 16,981 | 755,572 |
| | 109,166 | 75,250 | 32,329 | 216,745 | 3,429 | 4,090 | 0 | 11 | 281 | 7,811 | 224,556 |
| | 3,218 | 28,102 | 54 | 31,374 | 207,038 | 120,793 | 66,281 | 311 | 21,303 | 415,726 | 447,100 |
| | 8 | 10 | 76,726 | 76,744 | 3,443 | 1,533 | 4 | 310 | 5 | 5,295 | 82,039 |
| | 0 | 6,870 | 45,856 | 52,726 | 3,409 | 4,848 | 0 | 91,231 | 0 | 99,488 | 152,214 |
| Total Catch | 314,510 | 646,111 | 155,559 | 1,116,180 | 229,693 | 135,362 | 66,285 | 91,864 | 22,097 | 545,301 | 1,661,481 |
| Catch (in Coast Wide Sockeye Equivalents) | | | | | | | | | | | |
| Sockeye Pink Chum Coho Chinook | 202,118 | 535,879 | 594 | 738,591 | 12,374 | 4,098 | 0 | 1 | 508 | 16,981 | 755,572 |
| | 10,917 | 7,525 | 3,233 | 21,675 | 343 | 409 | 0 | 1 | 28 | 781 | 22,456 |
| | 2,864 | 25,011 | 48 | 27,923 | 184,264 | 107,506 | 58,990 | 277 | 18,960 | 369,996 | 397,919 |
| | 18 | 22 | 169,564 | 169,604 | 7,609 | 3,388 | 9 | 685 | 11 | 11,702 | 181,306 |
| | 0 | 47,884 | 319,616 | 367,500 | 23,761 | 33,791 | 0 | 635,880 | 0 | 693,431 | 1,060,932 |
| Total Catch | 215,916 | 616,321 | 493,056 | 1,325,293 | 228,350 | 149,191 | 58,999 | 636,844 | 19,507 | 1,092,892 | 2,418,184 |
| # of licences | 107 | 658 | 284 | 1049 | 169 | 355 | 393 | 165 | 89 | 1171 | 2220 |
| Catch (Coast V | 2,018 | 937 | 1,736 | 1,263 | 1,351 | 420 | 150 | 3,860 | 219 | 933 | 1,089 |

| Catch (# of salmon) | | | | Catch (Sockeye equivalents) | | | |
|----------------------------|----------------|--------------|--------------|------------------------------------|----------------|------------------|------------------|
| Seine | Gillnet | Troll | Total | Seine | Gillnet | Troll | Total |
| 214,492 | 539,977 | 1,103 | 755,572 | 214,492 | 539,977 | 1,103 | 755,572 |
| 112,595 | 79,340 | 32,621 | 224,556 | 11,260 | 7,934 | 3,262 | 22,456 |
| 210,256 | 215,176 | 21,668 | 447,100 | 187,128 | 191,507 | 19,285 | 397,919 |
| 3,451 | 1,547 | 77,041 | 82,039 | 7,627 | 3,419 | 170,261 | 181,306 |
| 3,409 | 11,718 | 137,087 | 152,214 | 23,761 | 81,674 | 955,496 | 1,060,932 |
| Total | | | | 444,267 | 824,511 | 1,149,407 | 2,418,184 |
| # of licences | | | | 18.4% | 34.1% | 47.5% | 100.0% |
| SE/licence | | | | 276 | 1,406 | 538 | 2,220 |
| | | | | 1,610 | 586 | 2,136 | 1,089 |

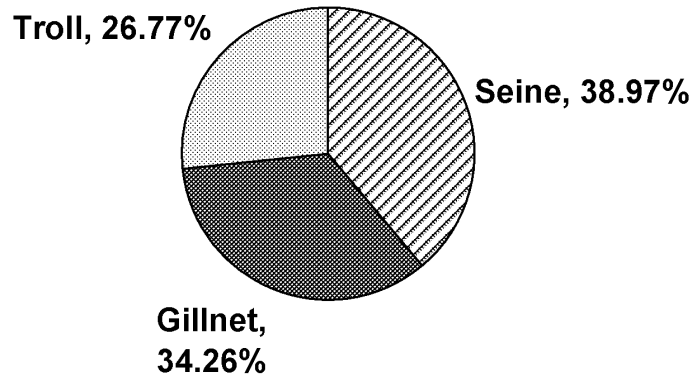
Salmon Allocation - 2008 Catch
Coast-Wide Sockeye Equivalent

| 2008 Anticipated Commercial Allocations by Licence Area and Species Implementation Plan | | | | | 2008 Actual Catch by Licence Area and Species (Managers Estimation from FOS) | | | | |
|--|----------------------------------|---------|-----------|---------|---|---------|-----------|---------|------|
| NORTH COAST | | | | | | | | | |
| SOCKEYE | | | | | | | | | |
| Areas | Potential Harvest (pieces) | Seine A | Gillnet C | Troll F | Actual Harvest (pieces) | Seine A | Gillnet C | Troll F | |
| 1, 3-5, 101-105 | 250,000 | 25% | 74.8% | 0.2% | 737,897 | 201,683 | 535,620 | 594 | |
| 6 to 8 | 0 | 25% | 75% | 0% | 694 | 27% | 435 | 259 | 0 |
| 9 to 10 | 0 | 0% | 100% | 0% | 0 | 63% | 37% | 0% | 0 |
| | | | | | | | | | |
| Areas | Potential Harvest (pieces) | Seine A | Gillnet C | Troll F | Actual Harvest (pieces) | Seine A | Gillnet C | Troll F | |
| 1, 2 (even) & 3-5, & 101-105 | 1,500,000 | 80% | 18% | 2% | 209,060 | 103,184 | 74,239 | 31,637 | |
| 6 to 10 | 1,000,000 | 90% | 10% | 0% | 7,685 | 49% | 5,982 | 1,011 | 15% |
| | | | | | | 77.8% | 13.2% | | 9.0% |
| | | | | | | | | | |
| Areas | Potential Harvest (pieces) | Seine A | Gillnet C | Troll F | Actual Harvest (pieces) | Seine A | Gillnet C | Troll F | |
| 1, 2, 101-111, 130, 142 | 0 | 55% | 45% | 0% | 3,854 | 2,000 | 1,800 | 54 | |
| 3 to 5 | 0 | 0% | 100% | 0% | 14,714 | 52% | 0 | 14,714 | 1% |
| | | | | | | 0% | 100% | 0% | 0 |
| 6 to 10 | 500,000 | 55% | 45% | 0% | 12,806 | 1,218 | 11,588 | 0 | |
| | | | | | | 10% | 90% | | 0% |
| | | | | | | | | | |
| Areas | Potential Harvest (pieces) | Seine A | Gillnet C | Troll F | Actual Harvest (pieces) | Seine A | Gillnet C | Troll F | |
| 1 to 10 | 150,000 | 20% | 5% | 75% | 76,744 | 8 | 10 | 76,726 | |
| | | | | | | 0% | 0% | 100% | |
| | | | | | | | | | |
| Areas | Potential Harvest (pieces) | Seine A | Gillnet C | Troll F | Actual Harvest (pieces) | Seine A | Gillnet C | Troll F | |
| 1 to 5 | 66,000 | 0% | 6% | 94% | 51,533 | 0 | 5,686 | 45,847 | |
| | | | | | | 0% | 11% | 89% | |
| 6 to 10 | 5,000 | 0% | 95% | 5% | 1,193 | 0 | 1,184 | 9 | |
| | | | | | | 0% | 99% | 1% | |

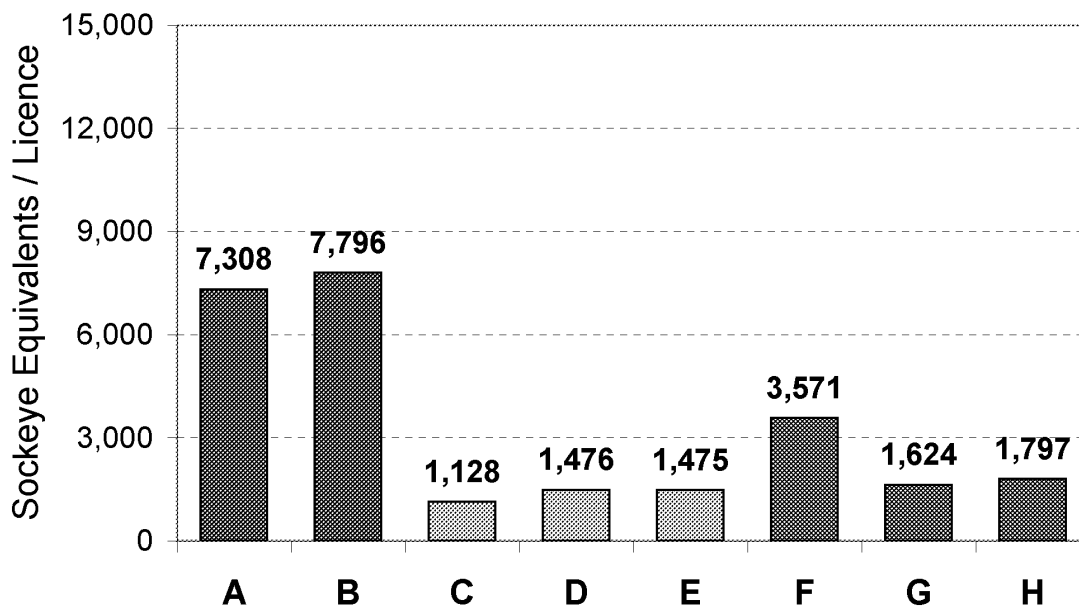
Salmon Allocation - 2008 Catch
Coast-Wide Sockeye Equivalent

| 2008 Anticipated Commercial Allocations by Licence Area and Species Implementation Plan | | | | | | | | | | 2008 Actual Catch by Licence Area and Species (Managers Estimation from FOS) | | | | | | | | | | |
|--|---------|---------|-----------|-----------|---------|---------|-------------------------|---------|---------|---|-----------|---------|---------|---------|--------|---------|---------|---------|---------|---------|
| SOUTH COAST | | | | | | | | | | | | | | | | | | | | |
| SCKEYE | | | | | | | | | | | | | | | | | | | | |
| Potential Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | Actual Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | #DIV/0! | | #DIV/0! | #DIV/0! | #DIV/0! | Troll G | Troll H |
| Area 23 | 0 | 60% | 40% | 0% | 0% | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fraser River Sockeye | 80,000 | 47.5% | 18.5% | 22% | 0.0% | 12.0% | 16,981 | 12,374 | 4,098 | 0 | 0 | 0 | 0 | 1 | 508 | 73% | 24% | 0% | 0% | 3% |
| Potential Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | Actual Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | #DIV/0! | | #DIV/0! | #DIV/0! | #DIV/0! | Troll G | Troll H |
| PINKS | 0 | 70% | 4% | 1% | 12% | 13% | 1,000 | 62 | 659 | 0 | 0 | 0 | 11 | 268 | 6% | 66% | 0% | 1% | 27% | 0% |
| Fraser River | 0 | 70% | 4% | 1% | 12% | 13% | 1,000 | 62 | 659 | 0 | 0 | 0 | 11 | 268 | 6% | 66% | 0% | 1% | 27% | 0% |
| Mainland Inlets | 0 | 73% | 9% | 0% | 0% | 18% | 6,811 | 3,367 | 3,431 | 0 | 0 | 0 | 0 | 13 | 49% | 50% | 0% | 0% | 0% | 0% |
| Area 12 Catch | 0 | 73% | 9% | 0% | 0% | 18% | 6,811 | 3,367 | 3,431 | 0 | 0 | 0 | 0 | 13 | 49% | 50% | 0% | 0% | 0% | 0% |
| Potential Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | Actual Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | #DIV/0! | | #DIV/0! | #DIV/0! | #DIV/0! | Troll G | Troll H |
| CHUMS | 515,000 | 63% | 19% | 12% | 0% | 6% | 355,298 | 188,242 | 103,391 | 42,362 | 0 | 0 | 21,303 | 0 | 21,303 | 53% | 29% | 12% | 0% | 6% |
| 11-19, 28-29 | 0 | 63% | 19% | 12% | 0% | 6% | 355,298 | 188,242 | 103,391 | 42,362 | 0 | 0 | 21,303 | 0 | 21,303 | 53% | 29% | 12% | 0% | 6% |
| 21-22 | 35,000 | 70% | 0 | 29% | 1% | 0% | 42,715 | 18,796 | 0 | 23,919 | 0 | 0 | 0 | 0 | 0 | 44% | 0% | 56% | 0% | 0% |
| 23-27 | 20,000 | 0% | 98% | 0% | 2% | 0% | 17,713 | 0 | 17,402 | 0 | 0 | 311 | 0 | 0 | 0 | 0% | 98% | 0% | 2% | 0% |
| Potential Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | Actual Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | #DIV/0! | | #DIV/0! | #DIV/0! | #DIV/0! | Troll G | Troll H |
| COHO | 0 | 55% | 15% | 15% | 0% | 15% | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 5 | 55% | 0% | 0% | 0% | 45% | 0% |
| 11-20, 29 | 0 | 55% | 15% | 15% | 0% | 15% | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 5 | 55% | 0% | 0% | 0% | 45% | 0% |
| 21-27, 121, 123-127 | 3,500 | 40% | 10% | 0% | 50% | 0% | 5,284 | 3,437 | 1,533 | 4 | 310 | 4 | 310 | 0 | 0 | 65% | 29% | 0% | 6% | 0% |
| Potential Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | Actual Harvest (pieces) | | Seine B | Gillnet D | Gillnet E | Troll G | Troll H | #DIV/0! | | #DIV/0! | #DIV/0! | #DIV/0! | Troll G | Troll H |
| CHINOOK | 500 | 0% | 1% | 99% | 0% | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-20, 29 | 500 | 0% | 1% | 99% | 0% | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21-27, 121-127 | 87,000 | 8% | 17% | 0% | 75% | 0% | 99,488 | 3,409 | 4,848 | 0 | 0 | 0 | 91,231 | 0 | 0 | 3% | 5% | 0% | 92% | 0% |

Projected 2009 Salmon Allocation North South Sockeye Equivalents



Projected 2009 SE/Licence by Licence Area North South Sockeye Equivalents



2009 Salmon Allocation Worksheet

TABLE 1: 2009 POTENTIAL HARVEST (# OF SALMON) & ALLOCATIONS (%)

TARGET GEAR SHARES: GN 38%, SEINE 40% AND TROLL 22%

| Sockeye | | | | | | | | | | | | | | |
|------------|--|-------------|-------------|-------------------|-------|---------|------|-------|-------|---------|------|------|--------|---------------------------------------|
| PROD. AREA | STAT AREAS | Lower Limit | Upper Limit | Potential Harvest | A | North C | F | B | D | South E | G | H | TOTAL | NOTES |
| 1 | 1,3-5,101-105 | | | 700,000 | 25.0% | 74.8% | 0.2% | | | | | | 100.0% | |
| 2 | 6-8 | | | 0 | 25.0% | 75.0% | 0.0% | | | | | | 100.0% | |
| 3 | 9-10 | | | 0 | 0.0% | 100.0% | 0.0% | | | | | | 100.0% | |
| 4 | 23 | | | 0 | | | | 60.0% | 40.0% | 0.0% | 0.0% | 0.0% | 100.0% | no TAC based on expected forecasts |
| 5 | 107-111,142,130,2W,11-22,24-29,123-127,121 | | | 2,000,000 | | | | 47.5% | 21.5% | 25.0% | 0.0% | 6.0% | 100.0% | based on 50P forecast and constraints |

| Pink | | | | | | | | | | | | | | |
|------------|---|-------------|-------------|-------------------|-------|-------|------|-------|------|---------|------|-------|--------|------------------------------|
| PROD. AREA | STAT AREAS | Lower Limit | Upper Limit | Potential Harvest | A | C | F | B | D | South E | G | H | TOTAL | NOTES |
| 1 | 1,2E,2W (even),3-5,101-105 | | | 3,000,000 | 80.0% | 18.0% | 2.0% | | | | | | 100.0% | |
| 2 | 6-10 | | | 3,000,000 | 90.0% | 10.0% | 0.0% | | | | | | 100.0% | |
| 3 | 11,12-13 (Pass-through) 14-29,2W (odd), 107-111,121,123-127,142,130 | | | 1,000,000 | | | | 70.0% | 4.0% | 6.5% | 6.5% | 13.0% | 100.0% | based on sockeye constraints |
| 4 | 12-13 (Mainland Inlets) | | | 0 | | | | 73.0% | 9.0% | 0.0% | 0.0% | 18.0% | 100.0% | |

| Chum | | | | | | | | | | | | | | |
|------------|-------------------------|-------------|-------------|-------------------|-------|---------|------|-------|-------|---------|------|------|--------|----------------------------|
| PROD. AREA | STAT AREAS | Lower Limit | Upper Limit | Potential Harvest | A | North C | F | B | D | South E | G | H | TOTAL | NOTES |
| 1 | 1,2E,2W,101-111,130,142 | | | 0 | 55.0% | 45.0% | 0.0% | | | | | | 100.0% | |
| 2 | 3-5 | | | 0 | 0.0% | 100.0% | 0.0% | | | | | | 100.0% | |
| 3 | 6-10 | | | 100,000 | 55.0% | 45.0% | 0.0% | | | | | | 100.0% | |
| 4 | 11-19,28-29 | | | 485,000 | | | | 63.0% | 19.0% | 12.0% | 0.0% | 6.0% | 100.0% | J.S.-400k; SOG-35k;A29-50k |
| 5 | 21-22 | | | 35,000 | | | | 70.0% | 0.0% | 29.0% | 1.0% | 0.0% | 100.0% | similar to 08 |
| 6 | 23-27 | | | 10,000 | | | | 0.0% | 98.0% | 0.0% | 2.0% | 0.0% | 100.0% | similar to 08 |

| Coho | | | | | | | | | | | | | | |
|------------|---------------|-------------|-------------|-------------------|-------|------|-------|-------|-------|-------|--------|-------|--------|--|
| PROD. AREA | STAT AREAS | Lower Limit | Upper Limit | Potential Harvest | North | | | South | | | TOTAL | | NOTES | |
| | | | | | A | C | F | B | D | E | G | H | | |
| 1 | 1-10 | | | 100,000 | 20.0% | 5.0% | 75.0% | | | | | | 100.0% | Net - Cumshewa & McLoughlin hatchery surplus |
| 2 | 11-20,29 | | | 0 | | | | 55.0% | 15.0% | 15.0% | 0.0% | 15.0% | 100.0% | |
| 3 | 21-27,121-127 | | | 500 | | | | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 100.0% | terminal - 0k, Area G (Sept) 500 |

| Chinook | | | | | | | | | | | | | | |
|------------|---------------|-------------|-------------|-------------------|-------|-------|-------|-------|------|--------|--------|-------|--------|-----------------------------------|
| PROD. AREA | STAT AREAS | Lower Limit | Upper Limit | Potential Harvest | North | | | South | | | TOTAL | NOTES | | |
| | | | | | A | C | F | B | D | E | G | H | | |
| 1 | 1-5 | | | 97 000 | 0.0% | 4.2% | 95.8% | | | | | | 100.0% | AABM Commercial TAC - 93K + 4K GN |
| 2 | 6-10 | | | 5 000 | 0.0% | 99.0% | 1.0% | | | | | | 100.0% | |
| 3 | 11-20,29 | | | 2 500 | | | | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 100.0% | |
| | 21-27,121-127 | | | 52 800 | | | | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 100.0% | AABM Com TAC 52.8K, Terminal 0K |

This is spreadsheet is designed as a planning tool, and should not be used for other purposes
Catches are potential harvests (from Table 1), 2008 sockeye equivalents & prices used

2009 Salmon Allocation Worksheet

TABLE 2: 2009 POTENTIAL HARVEST BY LICENCE AREA (# of salmon)

TARGET GEAR SHARES: GN 38%, SEINE 40% AND TROLL 22%

| <i>Sockeye</i> | | | | | | | | | | |
|----------------|--|-------------------|---------|---------|-------|---------|---------|---------|---|-------------------|
| PROD. AREA | STAT AREAS | Potential Harvest | A | North C | F | B | D | South E | G | H TOTAL |
| 1 | 1,3-5,101-105 | 700,000 | 175,000 | 523,600 | 1,400 | | | | | 700,000 |
| 2 | 6-8 | 0 | 0 | 0 | 0 | | | | | 0 |
| 3 | 9-10 | 0 | 0 | 0 | 0 | | | | | 0 |
| 4 | 23 | 0 | | | | 0 | 0 | 0 | 0 | 0 |
| 5 | 107-111,142,130,2W,11-22,24-29,123-127,121 | 2,000,000 | | | | 950,000 | 430,000 | 500,000 | 0 | 120,000 2,000,000 |

| <i>Pink</i> | | | | | | | | | | |
|-------------|--|-------------------|-----------|---------|--------|---------|--------|---------|--------|-------------------|
| PROD. AREA | STAT AREAS | Potential Harvest | A | North C | F | B | D | South E | G | H TOTAL |
| 1 | 1,2E,2W(even),3-5,101-105 | 3,000,000 | 2,400,000 | 540,000 | 60,000 | | | | | 3,000,000 |
| 2 | 6-10 | 3,000,000 | 2,700,000 | 300,000 | 0 | | | | | 3,000,000 |
| 3 | 11,12-13 (Pass-through) 14-29,2W (odd), 107-111,121,123-127,142,130 | 1,000,000 | | | | 700,000 | 40,000 | 65,000 | 65,000 | 130,000 1,000,000 |
| 4 | 12-13 (Mainland Inlets) | 0 | | | | 0 | 0 | 0 | 0 | 0 0 |

| <i>Chum</i> | | | | | | | | | | |
|-------------|-------------------------|-------------------|--------|---------|---|---------|--------|---------|-----|----------------|
| PROD. AREA | STAT AREAS | Potential Harvest | A | North C | F | B | D | South E | G | H TOTAL |
| 1 | 1,2E,2W,101-111,130,142 | 0 | 0 | 0 | 0 | | | | | 0 |
| 2 | 3-5 | 0 | 0 | 0 | 0 | | | | | 0 |
| 3 | 6-10 | 100,000 | 55,000 | 45,000 | 0 | | | | | 100,000 |
| 4 | 11-19,28-29 | 485,000 | | | | 305,550 | 92,150 | 58,200 | 0 | 29,100 485,000 |
| 5 | 21-22 | 35,000 | | | | 24,500 | 0 | 10,150 | 350 | 0 35,000 |
| 6 | 23-27 | 10,000 | | | | 0 | 9,800 | 0 | 200 | 0 10,000 |

| <i>Coho</i> | | | | | | | | | | |
|-------------|---------------|-------------------|--------|---------|--------|---|---|---------|-----|---------|
| PROD. AREA | STAT AREAS | Potential Harvest | A | North C | F | B | D | South E | G | H TOTAL |
| 1 | 1-10 | 100,000 | 20,000 | 5,000 | 75,000 | | | | | 100,000 |
| 2 | 11-20,29 | 0 | | | | 0 | 0 | 0 | 0 | 0 |
| 3 | 21-27,121-127 | 500 | | | | 0 | 0 | 0 | 500 | 0 500 |

| <i>Chinook</i> | | | | | | | | | | |
|----------------|---------------|-------------------|---|---------|--------|---|---|---------|--------|----------|
| PROD. AREA | STAT AREAS | Potential Harvest | A | North C | F | B | D | South E | G | H TOTAL |
| 1 | 1-5 | 97,000 | 0 | 4,074 | 92,926 | | | | | 97,000 |
| 2 | 6-10 | 5,000 | 0 | 4,950 | 50 | | | | | 5,000 |
| 3 | 11-20,29 | 2,500 | | | | 0 | 0 | 2,500 | 0 | 2,500 |
| 4 | 21-27,121-127 | 52,800 | | | | 0 | 0 | 0 | 52,800 | 0 52,800 |

This is spreadsheet is designed as a planning tool, and should not be used for other purposes. Catches are potential harvests (from Table 1), 2008 sockeye equivalents & prices used

2009 Salmon Allocation Worksheet

TABLE 3: 2009 Projected Landed Value & North & South Sockeye Equivalents by Licence Area

TARGET GEAR SHARES: GN 38%, SEINE 40% AND TROLL 22%

| Licence Area | Landed Value | Percent | Sockeye Equivalents | Percent | # of Licences | L. Value / Licence | SE / Licence |
|--------------|--------------|---------|---------------------|---------|---------------|--------------------|--------------|
| Seine | | | | | | | |
| A | 7,317,900 | 15% | 781,950 | 14.52% | 107 | 68,392 | 7,308 |
| B | 11,988,302 | 24% | 1,317,444 | 24.46% | 169 | 70,937 | 7,796 |
| Gillnet | | | | | | | |
| C | 6,788,293 | 14% | 741,936 | 13.77% | 658 | 10,317 | 1,128 |
| D | 4,771,259 | 10% | 524,116 | 9.73% | 355 | 13,440 | 1,476 |
| E | 5,273,501 | 11% | 579,598 | 10.76% | 393 | 13,419 | 1,475 |
| Troll | | | | | | | |
| F | 9,272,187 | 19% | 1,014,074 | 18.82% | 284 | 32,649 | 3,571 |
| G | 2,403,138 | 5% | 267,945 | 4.97% | 165 | 14,564 | 1,624 |
| H | 1,454,373 | 3% | 159,908 | 2.97% | 89 | 16,341 | 1,797 |
| Total | 49,268,951 | 100% | 5,386,971 | 100.00% | 2,220 | 22,193 | 2,427 |

TABLE 4: SUMMARY OF 2009 PROJECTED LANDED VALUE BY GEAR

| Gear | North | | South | | Total Coast | | L. Value / Licence |
|---------|--------------|---------|--------------|---------|--------------|---------|--------------------|
| | Landed Value | Percent | Landed Value | Percent | Landed Value | Percent | |
| Seine | \$7,317,900 | 31% | \$11,988,302 | 46% | \$19,306,202 | 39% | \$69,950 |
| Gillnet | \$6,788,293 | 29% | \$10,044,759 | 39% | \$16,833,052 | 34% | \$11,972 |
| Troll | \$9,272,187 | 40% | \$3,857,511 | 15% | \$13,129,698 | 27% | \$24,405 |
| TOTAL | \$23,378,380 | 100% | \$25,890,571 | 100% | \$49,268,951 | 100% | \$22,193 |

TABLE 5: SUMMARY OF 2009 PROJECTED NORTH AND SOUTH SOCKEYE EQUIV

| Gear | North | | South | | Total Coast | | SE / Licence |
|---------|---------------------|---------|---------------------|---------|---------------------|---------|--------------|
| | Sockeye Equivalents | Percent | Sockeye Equivalents | Percent | Sockeye Equivalents | Percent | |
| Seine | 781,950 | 31% | 1,317,444 | 46% | 2,099,394 | 39% | 7,607 |
| Gillnet | 741,936 | 29% | 1,103,714 | 39% | 1,845,650 | 34% | 1,313 |
| Troll | 1,014,074 | 40% | 427,853 | 15% | 1,441,927 | 27% | 2,680 |
| TOTAL | 2,537,960 | 100% | 2,849,011 | 100% | 5,386,971 | 100% | 2,427 |

This is spreadsheet is designed as a planning tool, and should not be used for other purposes. Catches are potential harvests (from Table 1), 2008 sockeye equivalents & prices used

TABLE 6: 2009 PROJECTED CATCH BY SPECIES, LANDED VALUE AND SOCKEYE EQUIVALENTS
OPTION GEAR SHARES GN 38%, SEINE 40% AND TROLL 22%

| | North | | | South | | | TOTAL | | |
|----------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|
| | A | C | F | B | D | E | G | H | |
| Sockeye | 175,000 | 523,600 | 1,400 | 950,000 | 430,000 | 500,000 | 0 | 120,000 | 2,700,000 |
| Pink | 5,100,000 | 840,000 | 60,000 | 700,000 | 40,000 | 65,000 | 65,000 | 130,000 | 7,000,000 |
| Chum | 55,000 | 45,000 | 0 | 330,050 | 101,950 | 68,350 | 550 | 29,100 | 630,000 |
| Coho | 20,000 | 5,000 | 75,000 | 0 | 0 | 0 | 500 | 0 | 100,500 |
| Chinook | 0 | 9,024 | 92,976 | 0 | 0 | 2,500 | 52,800 | 0 | 157,300 |
| Sockeye | \$1,592,500 | \$4,764,760 | \$12,740 | \$8,945,000 | \$3,913,000 | \$4,550,000 | \$0 | \$1,092,000 | \$24,570,000 |
| Pink | \$4,845,000 | \$798,000 | \$57,000 | \$693,000 | \$39,600 | \$64,350 | \$64,350 | \$128,700 | \$6,690,000 |
| Chum | \$464,200 | \$379,800 | \$0 | \$2,650,302 | \$818,659 | \$548,851 | \$4,417 | \$233,673 | \$5,099,900 |
| Coho | \$416,200 | \$104,050 | \$1,560,750 | \$0 | \$0 | \$0 | \$4,835 | \$0 | \$2,085,835 |
| Chinook | \$0 | \$741,683 | \$7,641,697 | \$0 | \$0 | \$110,300 | \$2,329,536 | \$0 | \$10,823,216 |
| L.V. (\$) | \$7,317,900 | \$6,788,293 | \$9,272,187 | \$11,988,302 | \$4,771,259 | \$5,273,501 | \$2,403,138 | \$1,454,373 | \$49,268,951 |
| % of Tot L.V. | 15% | 14% | 19% | 24% | 10% | 11% | 5% | 3% | 100% |
| Sockeye | 175,000 | 523,600 | 1,400 | 950,000 | 430,000 | 500,000 | 0 | 120,000 | 2,700,000 |
| Pink | 510,000 | 84,000 | 6,000 | 77,000 | 4,400 | 7,150 | 7,150 | 14,300 | 710,000 |
| Chum | 51,150 | 41,850 | 0 | 290,444 | 89,716 | 60,148 | 484 | 25,608 | 559,400 |
| Coho | 45,800 | 11,450 | 171,750 | 0 | 0 | 0 | 535 | 0 | 229,535 |
| Chinook | 0 | 81,036 | 834,924 | 0 | 0 | 12,300 | 259,776 | 0 | 1,188,036 |
| S.E. | 781,950 | 741,936 | 1,014,074 | 1,317,444 | 524,116 | 579,598 | 267,945 | 159,908 | 5,386,971 |
| % of Tot S.E. | 15% | 14% | 19% | 24% | 10% | 11% | 5% | 3% | 100% |

TABLE 7: INPUT TABLE FOR NUMBER OF LICENCES

Eligible Salmon Licences
6-Apr-09

| | |
|-------------------|-------|
| A | 107 |
| B | 169 |
| Unassigned | 0 |
| Seine | 276 |
| C | 658 |
| D | 355 |
| E | 393 |
| Unassigned | 0 |
| Gillnet | 1,406 |
| F | 284 |
| G | 165 |
| H | 89 |
| Unassigned | |
| Troll | 538 |
| Total | 2,220 |

PRODUCTION AREA DEFINITIONS

| Sockeye | Stat Areas | Pink | Stat Areas |
|------------------|---|------------------|--|
| 1. North | 1+3-5+101-105 | 1. North | 1+2E+2W (even)+3-5+101-105 |
| 2. North | 6-8 | 2. Central | 6-10 |
| 3. Central | 9-10 | 3. Fraser | 107-111+142+130+11, 12-13 (Pass-through) |
| 4. South Local | 23 | | 14-29+2W (odd)+121+123-127 |
| 5. South Fraser | 107-111+142+130+2W+11-19 20-22+24-27+28-29+123-127+121 | 4. Mainland | 12-13 (Mainland Inlets Only) |
| Chum | Stat Areas | Coho | Stat Areas |
| 1. North | 1+2E+2W+101-111+130+142 | 1. North | 1-10 |
| 2. North | 3-5 | 2. South Inside | 11-20+29 |
| 3. Central | 6-10 | 3. South Outside | 21-27+121-127 |
| 4. South Inside | 11-19+28-29 | | |
| 5. Nitinat | 21-22 | | |
| 6. South Outside | 23-27 | | |
| | | | Chinook |
| | | | 1. North |
| | | | 2. South Inside |
| | | | 3. South Outside |
| | | | Stat Areas |
| | | | 1-5 + 6-10 |
| | | | 11-20+29 |
| | | | 21-27+121-127 |

2008 Sockeye Equivalents
Post-Season Planning

| Species | Seine | | | Gillnet | | | | Troll | | | | Total North | Total South | Total |
|-----------------------------------|----------|----------|----------|----------|---------|----------|----------|----------|-----------|-----------|----------|-------------|-------------|-------|
| | A | B | C | D | E | F | G | H | I | J | K | | | |
| Chinook | \$ - | \$ 177 | \$ 442 | \$ 182 | \$ 150 | \$ 4,076 | \$ 3,157 | \$ - | \$ - | \$ 8,185 | \$ 4,518 | \$ 3,666 | | |
| Sockeye | \$ 1,703 | \$ 93 | \$ 5,237 | \$ 33 | \$ 41 | \$ 2 | \$ 2 | \$ 7,112 | \$ 6,943 | \$ 169 | | | | |
| Coho | \$ - | \$ 28 | \$ 4 | \$ 14 | \$ 0 | \$ 1,673 | \$ 513 | \$ 2 | \$ 1,724 | \$ 1,678 | \$ 46 | | | |
| Pink | \$ 100 | \$ 3 | \$ 48 | \$ 2 | \$ 0 | \$ 47 | \$ 0.44 | \$ 0.38 | \$ 201 | \$ 196 | \$ 5 | | | |
| Chum | \$ 13 | \$ 1,499 | \$ 220 | \$ 812 | \$ 300 | \$ 0.03 | \$ 1 | \$ 138 | \$ 2,962 | \$ 233 | \$ 2,750 | | | |
| Sub-total | \$ 1,816 | \$ 1,800 | \$ 5,952 | \$ 1,042 | \$ 490 | \$ 5,798 | \$ 3,164 | \$ 141 | \$ 20,203 | \$ 13,567 | \$ 6,637 | | | |
| Catch (tonnes, round) | | | | | | | | | | | | | | |
| Chinook | - | 30 | 65 | 29 | 31 | 366 | 333 | - | 853 | 430 | 423 | | | |
| Sockeye | 441 | 24 | 1,329 | 8 | 10 | 0.32 | 0.86 | 0.31 | 1,814 | 1,770 | 43 | | | |
| Coho | - | 16 | 1 | 6 | 0.01 | 311 | 0.12 | 0.22 | 335 | 313 | 22 | | | |
| Pink | 182 | 6 | 118 | 4 | 0.00 | 43 | 0.03 | 0.73 | 353 | 343 | 10 | | | |
| Chum | 7 | 850 | 131 | 484 | 179 | 0.03 | 1 | 74 | 1,725 | 1,38 | 1,587 | | | |
| Sub-total | 631 | 926 | 1,644 | 531 | 220 | 720 | 334 | 74 | 5,080 | 2,995 | 2,085 | | | |
| Landed Price (\$/kg.) | | | | | | | | | | | | | | |
| Chinook | \$ 3.86 | \$ 3.86 | \$ 6.83 | \$ 6.25 | \$ 4.85 | \$ 11.15 | \$ 9.49 | \$ 5.95 | | | | | | |
| Sockeye | \$ - | \$ 1.76 | \$ 3.94 | \$ 3.95 | \$ 3.92 | \$ 6.37 | \$ 5.96 | \$ 1.75 | | | | | | |
| Coho | \$ 0.55 | \$ 0.55 | \$ 0.41 | \$ 0.41 | \$ 0.41 | \$ 1.10 | \$ 3.52 | \$ 1.75 | | | | | | |
| Chum | \$ 1.76 | \$ 1.76 | \$ 1.68 | \$ 1.68 | \$ 1.68 | \$ 1.03 | \$ 1.22 | \$ 1.89 | | | | | | |
| Landed Price (\$/lb.) | | | | | | | | | | | | | | |
| Chinook | \$ 1.75 | \$ 1.75 | \$ 3.10 | \$ 2.83 | \$ 2.20 | \$ 5.06 | \$ 4.31 | \$ 2.70 | | | | | | |
| Sockeye | \$ - | \$ 0.80 | \$ 1.79 | \$ 1.79 | \$ 1.78 | \$ 2.89 | \$ 2.70 | \$ 0.79 | | | | | | |
| Coho | \$ 0.25 | \$ 0.25 | \$ 0.19 | \$ 0.19 | \$ 0.19 | \$ 0.50 | \$ 1.60 | \$ 0.79 | | | | | | |
| Chum | \$ 0.80 | \$ 0.80 | \$ 0.76 | \$ 0.76 | \$ 0.76 | \$ 0.47 | \$ 0.56 | \$ 0.86 | | | | | | |
| Average Weight (kg./piece) | | | | | | | | | | | | | | |
| Chinook | 0.0 | 8.8 | 9.0 | 9.3 | 8.5 | 7.7 | 4.6 | 0.0 | | | | | | |
| Sockeye | 2.1 | 2.2 | 2.4 | 2.7 | 2.9 | 3.1 | 4.1 | 3.1 | | | | | | |
| Coho | 0.0 | 4.5 | 3.6 | 5.4 | 4.8 | 3.9 | 4.1 | 1.6 | | | | | | |
| Chum | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | | | | | | |
| Chum | 5.9 | 4.6 | 5.0 | 4.7 | 4.9 | 4.5 | 4.4 | 4.3 | | | | | | |
| - from CCSS | | | | | | | | | | | | | | |

2008 Sockeye Equivalents
Post-Season Planning

| Catch (pieces, 000's) | | | | | | | | | | | |
|-------------------------|----------|----------|----------|----------|----------|----------|---------|---------|-------|---------|--|
| Chinook | 3 | 7 | 3 | 4 | 48 | 73 | - | 138 | 55 | 83 | |
| Sockeye | 211 | 553 | 3 | 4 | 0.11 | - | 0 | 782 | 764 | 17 | |
| Coho | - | 0 | 1 | 0 | 80 | 0.21 | - | 85 | 81 | 5 | |
| Pink | 111 | 69 | 2 | 0 | 25 | 0 | 0 | 211 | 205 | 5 | |
| Chum | 1 | 186 | 102 | 37 | 0.01 | 0 | 17 | 370 | 28 | 342 | |
| | | | | | | | | 1,586 | 1,133 | 453 | |
| Landed Price (\$/piece) | | | | | | | | | | | |
| Chinook | \$ 51.79 | \$ 61.34 | \$ 58.08 | \$ 41.34 | \$ 85.34 | \$ 43.30 | \$ - | \$59.28 | 82.19 | \$44.12 | |
| Sockeye (Coastwide) | \$ 9.10 | \$ 9.10 | \$ 9.10 | \$ 9.10 | \$ 9.10 | \$ 9.10 | \$ 9.10 | \$9.10 | 9.09 | \$9.66 | |
| Coho | \$ - | \$ 10.61 | \$ 12.58 | \$ 10.69 | \$ 20.86 | \$ 24.48 | \$ - | \$20.18 | 20.81 | \$9.67 | |
| Pink | \$ 0.90 | \$ 0.95 | \$ 0.76 | \$ 0.74 | \$ 1.88 | \$ 6.03 | \$ 2.76 | \$0.95 | 0.95 | \$0.99 | |
| Chum | \$ 10.37 | \$ 8.04 | \$ 7.96 | \$ 8.15 | \$ 4.63 | \$ 5.33 | \$ 8.16 | \$8.06 | 8.44 | \$8.03 | |
| Sockeye Equivalents | | | | | | | | | | | |
| Chinook | 0.00 | 6.74 | 6.38 | 4.54 | 9.38 | 4.76 | 0.00 | | | | |
| Sockeye | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | | | | |
| Coho | 0.00 | 0.87 | 1.38 | 1.17 | 2.29 | 2.69 | 0.00 | | | | |
| Pink | 0.10 | 0.10 | 0.08 | 0.08 | 0.21 | 0.66 | 0.30 | | | | |
| Chum | 1.14 | 0.88 | 0.87 | 0.90 | 0.51 | 0.59 | 0.90 | | | | |
| North-South Weighted SE | | | | | | | | | | | |
| Chinook | 0.00 | 0.41 | 0.44 | 0.33 | 7.97 | 3.74 | 0.00 | 8.98 | 4.92 | | |
| Sockeye | 0.25 | 0.56 | 0.19 | 0.24 | 0.00 | 0.00 | 0.01 | 1.00 | 1.00 | | |
| Coho | 0.00 | 0.60 | 0.01 | 0.00 | 2.28 | 0.10 | 0.00 | 2.29 | 1.07 | | |
| Pink | 0.05 | 0.06 | 0.03 | 0.00 | 0.03 | 0.01 | 0.01 | 0.10 | 0.11 | | |
| Chum | 0.06 | 0.47 | 0.87 | 0.10 | 0.00 | 0.00 | 0.04 | 0.93 | 0.88 | | |
| Coast-wide Weighted SE | | | | | | | | | | | |
| Chinook | 0.00 | 0.20 | 0.51 | 0.16 | 4.02 | 1.86 | 0.00 | 6.97 | | | |
| Sockeye | 0.24 | 0.01 | 0.73 | 0.01 | 0.00 | 0.00 | 0.00 | 1.00 | | | |
| Coho | 0.00 | 0.04 | 0.01 | 0.00 | 2.13 | 0.01 | 0.00 | 2.21 | | | |
| Pink | 0.05 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.00 | 0.10 | | | |
| Chum | 0.00 | 0.44 | 0.07 | 0.09 | 0.00 | 0.00 | 0.04 | 0.89 | | | |

SUMMARY

| | Weighted SE | | Unweighted SE | | | |
|---------|-------------|-------|---------------|-------|-------|------------|
| | North | South | Coast-wide | North | South | Coast-wide |
| Chinook | 8.98 | 4.92 | 6.97 | 5.37 | 4.28 | 4.69 |
| Sockeye | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Coho | 2.29 | 1.07 | 2.21 | 1.15 | 1.22 | 1.20 |
| Pink | 0.10 | 0.11 | 0.10 | 0.13 | 0.25 | 0.20 |
| Chum | 0.93 | 0.88 | 0.89 | 0.86 | 0.83 | 0.84 |