

SALMON
RECORD OF MANAGEMENT STRATEGIES
FOR
1990
STATISTICAL AREA 4
DISTRICT 8

PREPARED BY
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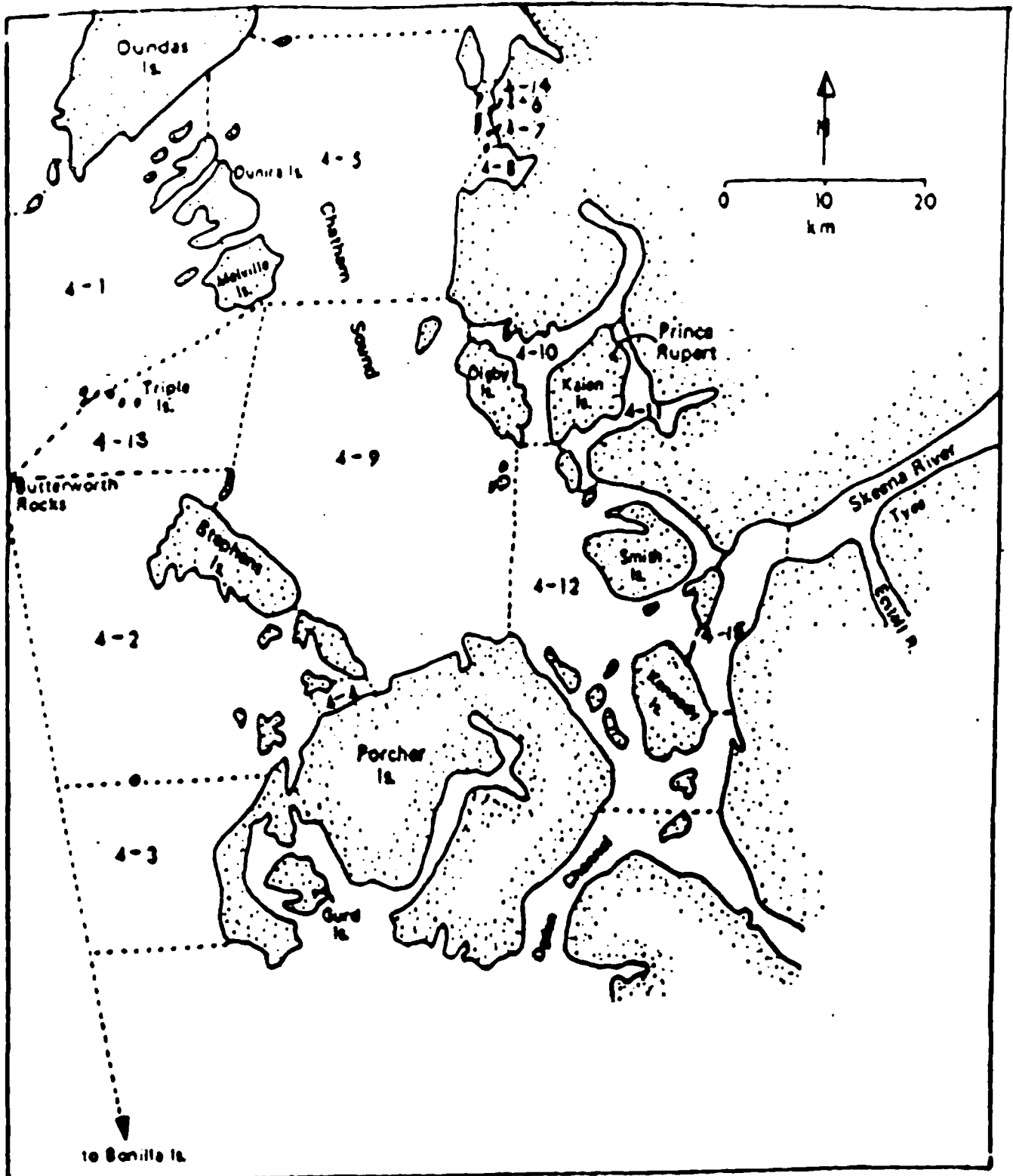
Department of Fisheries and Oceans
Prince Rupert, B.C.

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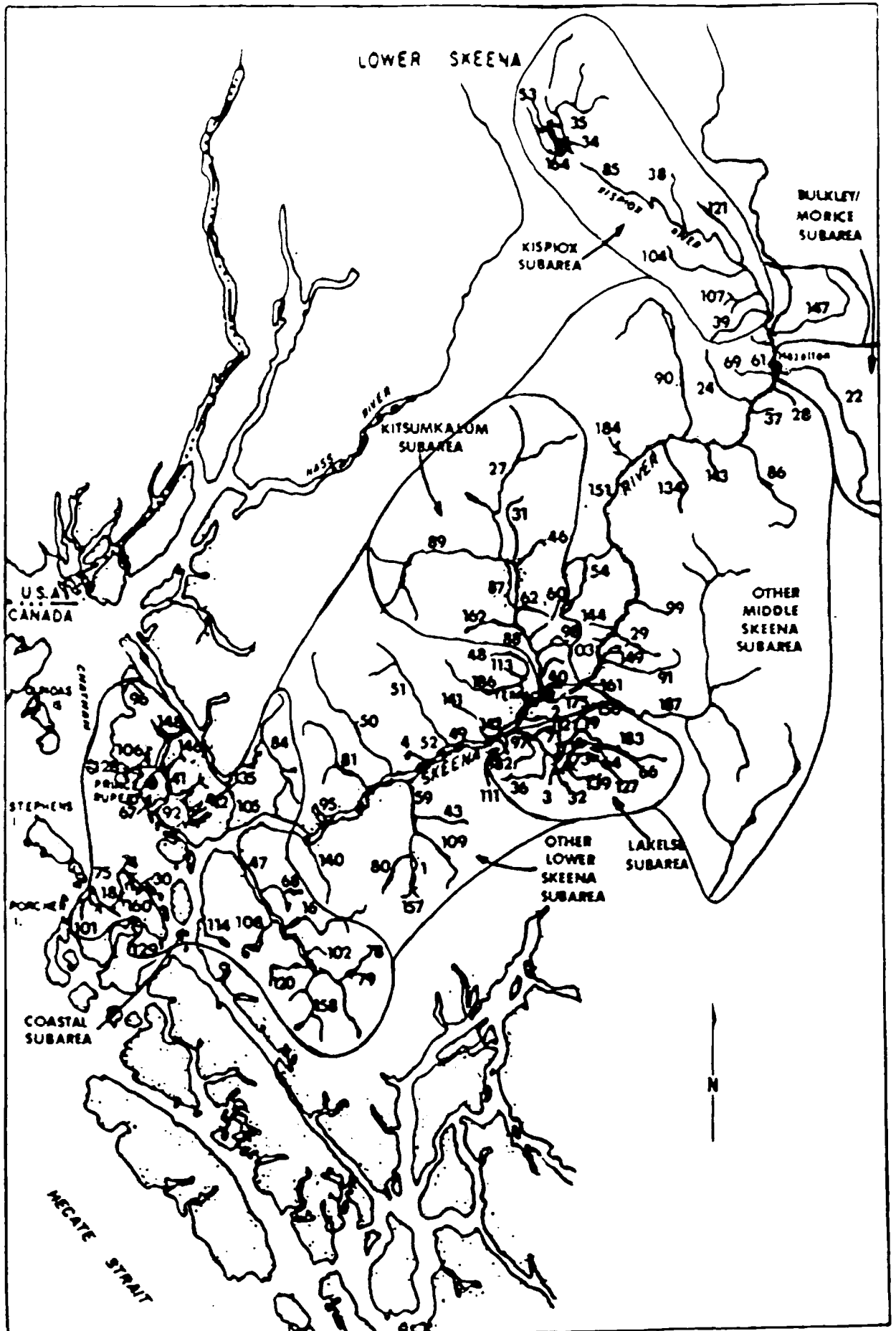
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Statistical Area 4, showing DPO Management Units.



Major salmon spawning streams in the lower and middle portions of the Skeena River, Statistical Area 4.

Sub-areas and streams in Statistical Area 4,

COASTAL SUB-AREA (FIG.)

- 16 Big Falls Creek (2)
- 18 Big Useless Creek (2)
- 30 Chismore Creek (2)
- 41 Denise Creek (2)
- 42 Diana Creek (2)
- 47 Bcstall River (2)
- 67 Hays Creek (2)
- 68 Hayward Creek (2)
- 74 Humpback Creek (2)
- 75 Hunts Creek (2)
- 78 Johnston Creek (2)
- 79 Johnston Lake (2)
- 84 Khyex River (2)
- 92 Kloiya River (2)
- 96 La Hou Creek (2)
- 101 Little Useless Creek (2)
- 102 Lockerby Creek (2)
- 105 McNeil River (2)
- 106 McMichol Creek (2)
- 108 Madeline Creek (2)
- 114 Moore Cove Creek (2)
- 120 Muddy Creek (2)
- 128 Oldfield Creek (2)
- 129 Oona River (2)
- 135 Prudhomme Creek (2)
- 146 Shawatlan Creek (2)
- 148 Silver Creek (2)
- 158 Sparkling Creek (2)
- 160 Spiller River (2)

LAKELSE SUB-AREA (FIG.)

- 3 Andalus Creek (2)
- 19 Blackwater Creek (2)
- 32 Clearwater Creek (2)
- 36 Coldwater Creek (2)
- 64 Granite Creek (2)
- 66 Hatchery Creek (2)
- 71 Herman Creek (2)
- 73 Hotspring Slough (2)
- 97 Lakelse River (2)
- 112 Mink Creek (2)
- 127 North Hatchery Creek (2)
- 139 Schulbockhand Creek (2)
- 156 Sockeye Creek (2)
- 182 White Creek (2)
- 183 Williams Creek (2)

KITSUMKALUM SUB-AREA (FIG.)

- 27 Cedar River (2)
- 31 Clear Creek (2)
- 40 Deep Creek (2)

KITSUMKALUM SUB-AREA cont.

- 46 Dry Creek (2)
- 60 Glacier Creek (2)
- 62 Goat Creek (2)
- 87 Kitsumkalum Lake (2)
- 88 Kitsumkalum River(Lower) (2)
- 89 Kitsumkalum River(Upper) (2)
- 98 Lean-to Creek (2)
- 161 Spring Creek (2)
- 162 Star Creek (2)

OTHER LOWER SKIBENA SUB-AREA (FIG.)

- 1 Alastair Lake (2)
- 2 Alwyn Creek (2)
- 4 Andeside Creek (2)
- 43 Dog-Tag Creek (2)
- 48 Erlandsen Creek (2)
- 49 Esker Slough (2)
- 50 Exchamsiks River (2)
- 51 Exstew River (2)
- 52 Exstew Slough (2)
- 59 Gitnadoix River (2)
- 80 Kadeen Creek (2)
- 81 Kasiks River (2)
- 95 Kwinitsa River (2)
- 109 Maqar Creek (2)
- 111 Middle Creek (2)
- 113 Molybdenum Creek (2)
- 140 Scotia River (2)
- 141 Shames River (2)
- 142 Shames Slough (2)
- 151 Skeena River (2&3)
- 157 Southend Creek (2)
- 175 Thornhill Creek (2)
- 186 Zymagotitz River (2)

KISPLOX SUB-AREA (FIG.)

- 15 Beaverlodge Creek (3)
- 17 Big Fish Creek (3)
- 33 Clifford Creek (3)
- 34 Club Creek (Lower) (2)
- 35 Club Creek (Upper) (2)
- 38 Cullon Creek (2)
- 39 Date Creek (2)
- 53 Falls Creek (2)
- 56 Footsore Creek (3)
- 72 Hodder Creek (3)
- 76 Ironside Creek (3)
- 85 Kisplox River (2&3)
- 100 Little Fish Creek (3)
- 104 McCully Creek (2)
- 107 McQueen Creek (2)

KISPIOX SUB-AREA cont.

- 121 Murder Creek (2)
- 122 Manganese River (3)
- 153 Skunsnat Creek (3)
- 164 Stephens Creek (2)
- 168 Sweetin River (3)
- 180 Twin Creek (3)
- 181 Upper Pootsore Creek (3)

BULKLEY/MORICE SUB-AREA (FIG.)

- 6 Atna Lake (3)
- 7 Atna River (3)
- 21 Buck Creek (3)
- 22 Bulkley River (Lower) (2&3)
- 23 Bulkley River (Upper) (3)
- 25 Canyon Creek
- 26 Causqua Creek (2)
- 45 Driftwood Creek (3)
- 63 Gosnell Creek (3)
- 65 Harold Price Creek (3)
- 82 Kathlyn Creek (3)
- 110 Maxan Creek (3)
- 116 Morice Lake (3)
- 117 Morice River (3)
- 123 Manika River (3)
- 130 Owen Creek (3)
- 136 Reister Creek (3)
- 137 Richfield Creek (3)
- 163 Station Creek (3)
- 165 Suskwa River (3)
- 172 Telkwa River (3)
- 174 Thautil River (3)
- 176 Toboggan Creek (3)
- 177 Trout Creek (3)

OTHER MIDDLE SKBENA SUB-AREA (FIG.)

- 24 Burdick Creek (2)
- 28 Chicago Creek (2)
- 29 Chindemash Creek (2)
- 37 Comeau Creek (2)
- 54 Fiddler Creek (2)
- 61 Glen Vowel Creek (2)
- 69 Hazelton Creek (2)
- 86 Kitsequecla River (2)
- 90 Kitwanga River (2)
- 91 Kleanza Creek (2)
- 99 Legate Creek (2)
- 103 Lowrie Creek (2)
- 134 Price Creek (2)
- 143 Shandilla Creek (2)
- 144 Shannon Creek (2)
- 147 Shegunia River (2)

OTHER MIDDLE SKBENA SUB-AREA cont.

- 149 Singlehurst Creek (2)
- 184 Wilson Creek (2)
- 187 Zymoetz River (Lower) (2&3)
- 188 Zymoetz River (Upper) (3)

BABINE SUB-AREA (FIG.)

- 9 Babine Lake (3)
- 10 Babine River (sec 1-3) (3)
- 11 Babine River (sec 4) (3)
- 12 Babine River (sec 5) (3)
- 20 Boucher Creek (3)
- 44 Donalds Creek (3)
- 55 Five-mile Creek (3)
- 57 Four-mile Creek (3)
- 58 Fulton River (3)
- 70 Hazelwood Creek (3)
- 83 Kew Creek (3)
- 118 Morrison Creek (3)
- 124 Wichyeshwa River (3)
- 125 Wilkittwa River (3)
- 126 Nine-mile Creek (3)
- 131 Pendelton Creek (3)
- 132 Pierre Creek (3)
- 133 Pinkut Creek (3)
- 145 Shass Creek (3)
- 150 Six-mile Creek (3)
- 155 Sockeye Creek (3)
- 167 Sutherland River (3)
- 169 Tachek Creek (3)
- 170 Tahlo Creek (3)
- 171 Tahlo Creek (Upper) (3)
- 173 Telzato Creek (3)
- 178 Tsezakawa Creek (3)
- 179 Twain Creek (3)
- 185 Wright Creek (3)

BEAR SUB-AREA (FIG.)

- 5 Asitka Lake (3)
- 8 Azuklotz Creek (3)
- 13 Bear Lake (3)
- 14 Bear River (3)
- 77 Johanson Lake (3)
- 93 Kluatantan Lake (3)
- 94 Kluayaz Lake and Creek (3)
- 115 Moosevale Creek (3)
- 119 Motase Lake (3)
- 138 Salix Creek (3)
- 152 Sicintine Lake (3)
- 154 Slamgeesh River (3)
- 159 Spawning Lake (3)
- 166 Sustut Lake and River (3)

4 (a) Area 4

Comprising those waters bounded inside a line commencing at the southern most point of Dundas Island, thence true west to Prince Leboo Island, thence southerly along the shoreline to the southern most point, thence true west to the surfline, thence southerly following the surfline to a point true west of Cape George on Porcher Island, thence true east to Cape George, thence following the western, northern then eastern shoreline to Peninsula Point, thence to the northern most point of Gibson Island, thence to Buckley Point on the mainland, thence following the shoreline northerly to a marker approximately one and one half miles easterly of Vietch Point, thence across the Skeena River to a marker near Mowitch Point, thence north westerly along the shoreline to Redcliffe Point, thence to Duncan Point on Finlayson Island, thence northerly along the shoreline to Gordon Point, thence to Green Island Light, thence magnetic west to a marker on the easterly shore of Dundas Island, thence southerly along the shoreline to the point of commencement.

(b) Area 4 is composed of Subareas as follows:

Subarea 4-1

Those waters of Hudson Bay Passage, Brown Passage, and adjacent waters inside a line from the southern most point of Dundas Island true west to Prince Leboo Island, thence southerly along the shoreline to the southern most point of Prince Leboo Island, thence true west to the surfline, thence southerly along the surfline to Butterworth Rocks light, thence in a straight line to Triple Islands light, thence to Deans Point on Melville Island, thence northerly along the shoreline to the northeastern most point of Melville Island, thence to the southeastern most point of Dunira Island, thence northerly along the eastern shoreline to the northern most point of Dunira Island, thence true west to Baron Island, thence northerly along the shoreline to the northern most point of Baron Island, thence true north to Dundas Island; thence southwesterly along the shoreline to the point of commencement.

Subarea 4-2

(a) Those waters of Hecate Strait, Edye Passage and adjacent waters inside a line from Butterworth Rocks light, thence southerly along the surfline to a point true west of Seal Rocks light, thence true east to Seal Rocks light, thence to Welcome Point on Porcher Island, thence northerly along the shoreline to Edwin Point, thence to View Point on Arthur Island, thence easterly along the shoreline to the easternmost point of Arthur Island, thence to Morrell Point on Prescott Island, thence northerly along the shoreline to a marker at Stephens Passage, thence across the passage to a marker on Stephens Island, thence northerly along the shoreline to Riel Point, thence to the easternmost point of Avery Island, thence northerly along the shoreline to the northwesternmost point, thence to Harris Rock, thence to the point of commencement.

Subarea 4-3

Those waters of Hecate Strait and adjacent waters inside a line from Welcome Point on Porcher Island to Seal Rocks light, thence true west to the surfline, thence southerly along the surfline to a point true west of Cape George on Porcher Island, thence true east to Cape George, thence along the shoreline to the point of commencement.

Subarea 4-4

Those waters of Edye Pass and adjacent waters inside a line from Pearce Point on Porcher Island to Morrell Point on Prescott Island, thence to the eastern most point of Arthur Island, thence westerly along the shoreline to View Point, thence to Edwin Point on Porcher Island.

Subarea 4-5

(a) Those waters of Chatham Sound and adjacent waters inside a line from Ryan Point on the mainland to Deans Point on Melville Island, thence northerly along the shoreline to the northeasternmost point, thence to the southeasternmost point of Dunira Island, thence northerly along the eastern shoreline to the northernmost point, thence true west to Baron Island, thence northerly along the easterly shoreline to the northernmost point, thence true north to Dundas Island, thence northeasterly along the shoreline to a marker true west of the light on Green Island, thence to the light on Green Island, thence to Gordon Point on Finlayson Island, thence along the westerly shoreline to a marker on Fortune Point, thence to the northernmost point of Mist Island, thence following the easterly shoreline to the southernmost point, thence to the northernmost point of Burnt Cliff Island, thence easterly and southerly along the shoreline to the southernmost point, thence to the northernmost point of South Island, thence along the easterly shoreline to the southernmost point, thence to Trenham Point on Tsimpsean Peninsula, thence to the point of commencement.

Subarea 4-6

Those waters of Pearl Harbour and adjacent waters inside a line from Pearl Point on Tsimpsean Peninsula to Cultivation Point on Burnt Cliff Island, thence westerly along the shoreline to the northernmost point, thence to the southernmost point of Mist Island, thence following the easterly shoreline to the northernmost point, thence to the westernmost Island of Flat Top Islands, thence to the easternmost point of Green Mound, thence true east to a marker on Tsimpsean Peninsula.

Subarea 4-7

Those waters of Big Bay and adjacent waters inside a line from Pearl Point on Tsimpsean Peninsula to Cultivation Point on Burnt Cliff Island, thence along the easterly shoreline to the southern most point of Burnt Cliff Island, thence to the northern most point of South Island, thence along the easterly shoreline to the southern most point of South Island, thence to the southern most point of Haycock Island, thence to Whitecliff Island, thence to Shattock Point on Tsimpsean Peninsula.

Subarea 4-8

Those waters of Big Bay and adjacent waters inside a line from Trenham Point on Tsimpsean Peninsula to the southern most point of South Island, thence to the southern most point of Haycock Island, thence in a straight line to Whitecliff Island, thence to Shattock Point on Tsimpsean Peninsula.

Subarea 4-9

Those waters of Chatham Sound and adjacent waters inside a line from Deans Point on Melville Island east to Ryan Point on the mainland, thence southerly along the shoreline to Observation Point, thence to Straith Point on Digby Island, thence along the westerly shoreline to Lima Point, thence to Hunt Point on Porcher Island, thence westerly along the shoreline to Pearce Point, thence to Morrell Point on Prescott Island, thence along the easterly shoreline to a marker at Stephens Passage, thence to a marker on Stephens Island opposite, thence northerly along the shoreline to Riel Point, thence to the eastern most point of Avery Island, thence northerly along the shoreline to the northwestern most point of Avery Island, thence to Harris Rock, thence to Deans Point on Melville Island.

Subarea 4-10

Those waters of Prince Rupert Harbour and adjacent waters bounded on the west by a line from Straith Point on Digby Island to Observation Point on the mainland and bounded on the south by a line from Lima Point on Digby Island to the southern most point of Kaien Island, thence along the northwesterly shoreline to Ritchie Point, thence to Pethick Point on Tsimpsean Peninsula.

Subarea 4-11

Those waters of Porpoise Harbour, Wainwright Basin, Morse Bay, and adjacent waters inside a line from the southern most point of Kaien Island to the northwestern most point of Ridley Island, thence southerly along the eastern shoreline to the southern most point of Ridley Island, thence to the western most point of Lelu Island, thence northerly along the shoreline to the northern most point of Lelu Island, thence to a marker on the shore of Tsimpsean Peninsula opposite; and bounded on the north by a line from Pethick Point to Ritchie Point on Kaien Island.

Subarea 4-12

(b) Those waters of Chatham Sound and adjacent waters inside a line from Hunt Point on Porcher Island thence to Lima Point on Digby Island, thence to the southernmost point of Kaien Island, thence to the northwesternmost point of Ridley Island, thence southerly along the shoreline to the southernmost point, thence to the westernmost point of Lelu Island, thence northerly along the shoreline to the northernmost point of Lelu Island, thence true east to a marker on the shore of Tsimpsean Peninsula, thence southeasterly along the shoreline to Gust Point, thence to Clara Point on De Horsey Island, thence southerly along the eastern shoreline to Parry Point, thence to the navigation light on Marked Tree Bluff on Kennedy Island, thence southerly along the shoreline to a marker true west of Inrig Point on the mainland, thence to Inrig Point, thence southerly along the shore to Buckley Point, thence to the northernmost point of Gibson Island, thence to Peninsula Point on Porcher Island, thence northerly along the eastern shoreline to the point of commencement.

Subarea 4-13

Those waters of Brown Passage and adjacent waters inside a line from Deans Point on Melville Island, thence to Triple Islands Light, thence to Butterworth Rocks light, thence to Harris Rock, thence to the point of commencement.

Subarea 4-14

Those waters of Cunningham Passage and adjacent waters inside a line from Redcliff Point on the mainland, thence to Duncan Point on Finlayson Island, thence southerly along the shoreline to Fortune Point, thence to the northernmost point of Mist Island, thence to the westernmost Island of Flat Top Islands, thence to the easternmost point of Green Mound, thence true east to a marker on Tsimpsean Peninsula, thence to the point of commencement.

Subarea 4-15

(b) Those waters of Telegraph Passage and adjacent waters inside a line from Mowitch Point on Tsimpsean Peninsula, thence westerly along the shoreline to Gust Point, thence to Clara Point on De Horsey Island, thence southerly along the eastern shoreline to Parry Point, thence to the navigation light at Marked Tree Bluff on Kennedy Island, thence southerly along the shoreline to a marker true west of Inrig Point on the mainland, thence to Inrig Point, thence northerly along the shoreline to a marker approximately one and one half miles easterly of Veitch Point, thence to the point of commencement.

(a) P.C. 1984 1318

(b) P.C. 1985 74



Government of Canada
1990 Calendar

with Julian Calendar

Gouvernement du Canada
Calendrier 1990

avec Calendrier Julien

JANUARY							JANVIER							FEBRUARY							FEVRIER							MARCH							MARS						
1	2	3	4	5	6		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							1	2	3	4	5	6					
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
21	22	23	24	25	26	27	28	29	30	31															1	2	3	4	5	6	7	8	9	10	11	12	13				
28	29	30	31																						1	2	3	4	5	6	7	8	9	10	11	12	13				
028	029	030	031																						060	061	062	063	064	065	066	067	068	069	070	071	072	073			

CALENDRIER 1991 CALENDAR

JANUARY							JANVIER							FEBRUARY							FÉVRIER							MARCH							MARS						
1	2	3	4	5	6		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6					
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							1	2	3	4	5	6					
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
21	22	23	24	25	26	27	28	29	30	31																1	2	3	4	5	6	7	8	9	10	11	12	13			
28	29	30	31																						1	2	3	4	5	6	7	8	9	10	11	12	13				
027	028	029	030	031																					060	061	062	063	064	065	066	067	068	069	070	071	072	073			

I N D E X

Index table listing years from 1800 to 2025 in columns, with corresponding calendar numbers 1 through 14.

CALENDARS 1800 TO 2050

DIRECTIONS FOR USE

Look for the year you want in the index at left. The number opposite each year is the number of the calendar to use for that year.

Calendars 1 and 2, showing months JANUARY, MAY, SEPTEMBER, FEBRUARY, JUNE, OCTOBER, MARCH, JULY, NOVEMBER, APRIL, AUGUST, DECEMBER.

Calendars 3 through 14, each showing months JANUARY, MAY, SEPTEMBER, FEBRUARY, JUNE, OCTOBER, MARCH, JULY, NOVEMBER, APRIL, AUGUST, DECEMBER.

PRINCE RUPERT (2ST) 1990

1990 TIDE TABLES

JANUARY JANVIER												FEBRUARY FEVRIER																																			
Day	Time	H	M	S	Height	Day	Time	H	M	S	Height	Day	Time	H	M	S	Height	Day	Time	H	M	S	Height																								
1	0415	19.8	6.0	16	0445	20.0	6.1	1	0500	21.1	6.4	16	0500	19.0	5.8	1	0500	21.1	6.4	16	0500	19.0	5.8	16	0500	19.0	5.8	16	0500	19.0	5.8																
MO	0600	20.3	6.2	TU	0555	18.2	5.5	TH	1130	18.0	5.5	FR	1745	15.8	4.8	TH	1130	18.0	5.5	FR	1745	15.8	4.8	FR	1745	15.8	4.8	FR	1745	15.8	4.8																
LU	2225	4.1	1.2	MA	2300	6.3	9	JE	2320	6.8	2.1	VE	2320	9.5	2.9	JE	2320	6.8	2.1	VE	2320	9.5	2.9	SA	2000	15.7	4.8	DI	2035	14.0	4.3	SA	2000	15.7	4.8	DI	2035	14.0	4.3								
2	0455	19.8	6.1	17	0525	19.5	5.9	2	0550	20.6	6.3	17	0545	18.2	5.5	2	0550	20.6	6.3	17	0545	18.2	5.5	2	0550	20.6	6.3	17	0545	18.2	5.5	2	0550	20.6	6.3	17	0545	18.2	5.5								
TU	1100	7.8	2.4	WE	1145	8.0	2.4	TH	1235	8.0	1.8	SA	1850	14.5	4.4	TH	1235	8.0	1.8	SA	1850	14.5	4.4	FR	1835	16.8	5.1	SA				FR	1835	16.8	5.1	SA											
MA	1650	18.2	5.9	WE	1740	18.8	5.1	TH	1835	16.8	5.1	SA				TH	1835	16.8	5.1	SA				SA				SA				SA				SA											
DI	2310	8.1	1.6	ME	2335	7.8	2.4	WE				SA				WE				SA				DI	2310	8.1	1.6	ME	2335	7.8	2.4	WE				DI	2310	8.1	1.6	ME	2335	7.8	2.4	WE			
3	0540	19.8	6.1	18	0605	18.8	5.7	3	0615	8.8	2.6	18	0610	10.8	3.3	3	0615	8.8	2.6	18	0610	10.8	3.3	3	0615	8.8	2.6	18	0610	10.8	3.3	3	0615	8.8	2.6	18	0610	10.8	3.3								
WE	1155	7.8	2.3	TH	1245	8.4	2.6	TH	1350	8.2	1.9	SU	1400	8.5	2.6	TH	1350	8.2	1.9	SU	1400	8.5	2.6	TH	1350	8.2	1.9	SU	1400	8.5	2.6	TH	1350	8.2	1.9	SU	1400	8.5	2.6								
ME	1750	18.0	5.5	TH	1840	15.5	4.5	SA	1950	15.7	4.8	SU				SA	1950	15.7	4.8	SU				SA	1950	15.7	4.8	SU				SA	1950	15.7	4.8	SU											
2355	8.5	2.0	JE					DI	2145	15.8	4.8	LU	2220	14.0	4.3	DI	2145	15.8	4.8	LU	2220	14.0	4.3	DI	2145	15.8	4.8	LU	2220	14.0	4.3	DI	2145	15.8	4.8	LU	2220	14.0	4.3								
4	0630	19.8	6.1	19	0620	8.4	2.9	4	0130	10.0	3.0	19	0135	11.8	3.6	4	0130	10.0	3.0	19	0135	11.8	3.6	4	0130	10.0	3.0	19	0135	11.8	3.6	4	0130	10.0	3.0	19	0135	11.8	3.6								
TH	1305	7.2	2.2	FR	0655	18.3	5.6	FR	0805	19.6	6.0	0800	17.1	5.2	FR	0805	19.6	6.0	0800	17.1	5.2	FR	0805	19.6	6.0	0800	17.1	5.2	FR	0805	19.6	6.0	0800	17.1	5.2												
JE	1855	16.9	5.2	FR	1350	8.8	2.6	SU	1510	5.8	1.8	MO	1530	8.0	2.4	SU	1510	5.8	1.8	MO	1530	8.0	2.4	SU	1510	5.8	1.8	MO	1530	8.0	2.4	SU	1510	5.8	1.8	MO	1530	8.0	2.4								
2355	8.5	2.0	JE	1955	14.8	4.5	DI	2145	15.8	4.8	LU	2220	14.0	4.3	DI	2145	15.8	4.8	LU	2220	14.0	4.3	DI	2145	15.8	4.8	LU	2220	14.0	4.3	DI	2145	15.8	4.8	LU	2220	14.0	4.3									
5	0650	7.8	2.4	20	0115	10.8	3.2	5	0305	10.5	3.2	20	0320	11.7	3.6	5	0305	10.5	3.2	20	0320	11.7	3.6	5	0305	10.5	3.2	20	0320	11.7	3.6	5	0305	10.5	3.2	20	0320	11.7	3.6								
FR	0730	20.0	6.1	SA	0755	17.9	5.2	MO	0930	18.8	6.0	0925	17.8	5.4	MO	0930	18.8	6.0	0925	17.8	5.4	MO	0930	18.8	6.0	0925	17.8	5.4	MO	0930	18.8	6.0	0925	17.8	5.4												
DI	1415	6.8	2.0	SA	1505	8.3	2.5	MO	1630	5.0	1.5	TU	1635	6.8	2.1	SA	1505	8.3	2.5	MO	1630	5.0	1.5	TU	1635	6.8	2.1	SA	1505	8.3	2.5	MO	1630	5.0	1.5	TU	1635	6.8	2.1								
LU	2020	18.3	5.0	SA	2130	14.8	4.5	MO	2305	18.8	5.1	MA	2320	15.9	4.8	MO	2305	18.8	5.1	MA	2320	15.9	4.8	MO	2305	18.8	5.1	MA	2320	15.9	4.8	MO	2305	18.8	5.1	MA	2320	15.9	4.8								
6	0155	9.0	2.7	21	0235	11.4	3.5	6	0430	10.0	3.0	21	0435	10.7	3.3	6	0430	10.0	3.0	21	0435	10.7	3.3	6	0430	10.0	3.0	21	0435	10.7	3.3	6	0430	10.0	3.0	21	0435	10.7	3.3								
SA	0835	20.4	6.2	TH	0900	18.0	5.5	TH	1040	20.5	6.2	0800	17.1	5.2	TH	1040	20.5	6.2	0800	17.1	5.2	TH	1040	20.5	6.2	0800	17.1	5.2	TH	1040	20.5	6.2	0800	17.1	5.2												
DI	1530	5.8	1.7	SU	1610	7.5	2.3	TU	1730	3.8	1.2	WE	1735	5.8	1.7	SU	1610	7.5	2.3	TU	1730	3.8	1.2	WE	1735	5.8	1.7	SU	1610	7.5	2.3	TU	1730	3.8	1.2	WE	1735	5.8	1.7								
SA	2145	16.5	5.0	DI	2250	15.3	4.7	MA				WE				DI	2250	15.3	4.7	MA				DI	2250	15.3	4.7	MA				DI	2250	15.3	4.7	MA											
7	0315	8.6	2.9	22	0355	11.4	3.5	7	0000	18.1	5.5	22	0000	17.3	5.3	7	0000	18.1	5.5	22	0000	17.3	5.3	7	0000	18.1	5.5	22	0000	17.3	5.3	7	0000	18.1	5.5	22	0000	17.3	5.3								
SU	0940	20.9	6.4	MO	1005	18.5	5.6	WE	0535	8.8	2.7	0525	9.4	2.9	MO	1005	18.5	5.6	WE	0535	8.8	2.7	0525	9.4	2.9	MO	1005	18.5	5.6	WE	0535	8.8	2.7	0525	9.4	2.9											
DI	1635	4.4	1.3	MO	1710	6.5	2.0	WE	1140	21.4	6.5	TH	1120	19.8	6.0	DI	1635	4.4	1.3	MO	1710	6.5	2.0	WE	1140	21.4	6.5	TH	1120	19.8	6.0	DI	1635	4.4	1.3	MO	1710	6.5	2.0	WE	1140	21.4	6.5	TH	1120	19.8	6.0
LU	2305	17.3	5.3	LU	2345	16.3	5.0	ME	1820	2.9	0.9	JE	1805	4.2	1.3	LU	2345	16.3	5.0	ME	1820	2.9	0.9	JE	1805	4.2	1.3	LU	2345	16.3	5.0	ME	1820	2.9	0.9	JE	1805	4.2	1.3								
8	0430	8.5	2.9	23	0500	10.8	3.3	8	0045	18.3	5.9	23	0030	18.6	5.7	8	0045	18.3	5.9	23	0030	18.6	5.7	8	0045	18.3	5.9	23	0030	18.6	5.7	8	0045	18.3	5.9	23	0030	18.6	5.7								
MO	1045	21.7	6.6	TU	1100	18.4	5.9	TH	0625	7.7	2.3	0610	7.9	2.4	MO	1045	21.7	6.6	TU	1100	18.4	5.9	TH	0625	7.7	2.3	0610	7.9	2.4	MO	1045	21.7	6.6	TU	1100	18.4	5.9	TH	0625	7.7	2.3	0610	7.9	2.4			
LU	1735	3.1	0.9	TU	1755	5.3	1.6	TH	1230	22.0	6.7	FR	1205	20.9	6.4	LU	1735	3.1	0.9	TU	1755	5.3	1.6	TH	1230	22.0	6.7	FR	1205	20.9	6.4	LU	1735	3.1	0.9	TU	1755	5.3	1.6	TH	1230	22.0	6.7	FR	1205	20.9	6.4
9	0005	18.4	5.6	24	0025	17.3	5.3	9	0125	20.3	6.2	24	0105	19.9	6.1	9	0125	20.3	6.2	24	0105	19.9	6.1	9	0125	20.3	6.2	24	0105	19.9	6.1	9	0125	20.3	6.2	24	0105	19.9	6.1								
TU	0535	8.9	2.7	TH	0545	9.9	3.0	FR	0710	8.6	2.0	0650	8.4	2.0	TU	0535	8.9	2.7	TH	0545	9.9	3.0	FR	0710	8.6	2.0	0650	8.4	2.0	TU	0535	8.9	2.7	TH	0545	9.9	3.0	FR	0710	8.6	2.0	0650	8.4	2.0			
MA	1140	22.4	6.8	WE	1145	20.3	6.2	FR	1315	22.3	6.8	SA	1250	21.8	6.6	MA	1140	22.4	6.8	WE	1145	20.3	6.2	FR	1315	22.3	6.8	SA	1250	21.8	6.6	MA	1140	22.4	6.8	WE	1145	20.3	6.2	FR	1315	22.3	6.8	SA	1250	21.8	6.6
DI	1830	2.1	0.6	ME	1835	4.1	1.2	VE	1940	2.0	0.6	SA	1915	2.3	0.7	DI	1830	2.1	0.6	ME	1835	4.1	1.2	VE	1940	2.0	0.6	SA	1915	2.3	0.7	DI	1830	2.1	0.6	ME	1835	4.1	1.2	VE	1940	2.0	0.6	SA	1915	2.3	0.7
10	0055	18.4	5.9	25	0100	18.4	5.6	10	0155	20.8	6.4	25	0135	21.0	6.4	10	0155	20.8	6.4	25	0135	21.0	6.4	10	0155	20.8	6.4	25	0135	21.0	6.4	10	0155	20.8	6.4	25	0135	21.0	6.4								
WE	0630	8.2	2.5	TH	0630	8.9	2.7	FR	0750	5.8	1.8	0725	5.1	1.6	WE	0630	8.2	2.5	TH	0630	8.9	2.7	FR	0750	5.8	1.8	0725	5.1	1.6	WE	0630	8.2	2.5	TH	0630	8.9	2.7	FR	0750	5.8	1.8	0725	5.1	1.6			
ME	1235	23.0	7.0	TH	1225	21.2	6.5	SA	1355	22.2	6.8	SU	1330	22.3	6.8	ME	1235	23.0	7.0	TH	1225	21.2	6.5	SA	1355	22.2	6.8	SU	1330	22.3	6.8	ME	1235	23.0	7.0	TH	1225	21.2	6.5	SA	1						

1990 PRINCE RUPERT (EST)

MAY MAI												JUNE JUN											
Day	Time	H	M	S	Day	Hour	M	P	M	S	Day	Time	H	M	S	Day	Hour	M	P	M	S		
1	0605	18.4	5.6	18	0505	17.8	5.4	1	0205	8.0	2.4	16	0055	7.7	2.3								
	245	8.1	1.6		1150	8.8	1.8		0805	16.3	5.0		0845	16.7	5.1								
TU	1925	17.1	5.2	WE	0830	16.4	5.0	FR	1410	7.1	2.2	SA	1255	8.5	2.0								
MA				ME				VE	2045	18.2	5.5	SA	1935	18.6	5.7								
2	0120	9.8	2.9	17	0020	9.8	3.0	2	0315	7.3	2.2	17	0205	8.8	2.1								
	0725	17.4	5.3		0605	17.0	5.2		0915	16.0	4.9		0800	16.1	5.0								
WE	1355	6.0	1.8	TH	245	6.2	1.9	SA	1505	7.8	2.4	SU	1355	7.3	2.2								
ME	2040	17.4	5.3	JE	0930	16.7	5.1	SA	2135	18.5	5.6	DI	2030	19.3	5.9								
3	0245	8.8	2.7	18	0135	8.3	2.8	3	0410	6.4	2.0	18	0310	5.6	1.7								
	0845	17.0	5.2		0720	16.6	5.1		1020	16.1	4.9		0915	16.4	5.0								
TH	1505	6.4	2.0	FR	1345	6.5	2.0	SU	1600	8.3	2.5	MO	1500	7.8	2.4								
JE	2140	18.0	5.5	VE	2030	17.8	5.4	DI	2220	18.9	5.8	LU	2130	20.1	6.1								
4	0355	7.7	2.3	19	0245	8.0	2.4	4	0500	5.6	1.7	19	0415	4.1	1.2								
	0955	17.1	5.2		0835	16.7	5.1		1115	16.8	5.0		1030	16.9	5.2								
FR	1600	6.0	2.0	SA	1450	6.8	2.0	MO	1650	8.8	2.8	TU	1605	7.9	2.4								
VE	2225	18.8	5.7	SA	2125	18.7	5.7	LU	2300	19.3	5.9	MA	2225	21.1	6.4								
5	0445	6.8	2.0	20	0345	6.3	1.9	5	0540	4.8	1.5	20	0515	2.8	0.8								
	1050	17.8	5.3		0945	17.3	5.3		1205	17.0	5.2		1135	17.8	5.4								
SA	1650	6.7	2.0	SU	1545	6.6	2.0	TU	1735	8.6	2.6	WE	1710	7.7	2.3								
MA	2305	19.5	5.9	DI	2210	20.1	6.1	MA	2335	19.7	6.0	ME	2320	22.8	6.7								
6	0530	6.4	1.6	21	0440	4.4	1.3	8	0620	4.1	1.2	21	0510	1.4	0.4								
	1140	17.9	5.5		1050	18.0	5.5		1245	17.4	5.3		1245	18.7	5.7								
SU	1730	6.8	2.1	MO	1640	6.5	2.0	WE	1815	6.5	2.6	TH	1805	7.3	2.2								
DI	2340	20.1	6.1	LU	2255	21.4	6.5	ME				JE											
7	0605	4.4	1.3	22	0530	2.8	0.8	7	0015	20.0	6.1	22	0015	22.7	6.9								
	1225	18.3	5.6		1145	18.9	5.8		0655	3.8	1.1		0700	5.8	2.2								
MO	1910	6.9	2.1	TU	1730	6.3	1.9	TH	1325	17.7	5.4	FR	1325	19.4	5.9								
				MA	2345	22.9	6.9	JE	1850	8.4	2.6	VE	1900	6.9	2.1								
8	0010	20.8	6.2	23	0620	2.2	0.6	8	0050	20.2	6.2	23	0155	23.0	7.0								
	0640	3.7	1.1		1240	18.6	6.0		0735	3.3	1.0		0750	1.1	0.3								
TU	1300	18.5	5.8	WE	1820	6.2	1.9	FR	1400	18.0	5.5	SA	1410	19.9	6.1								
MA	1840	7.1	2.2	ME				VE	1930	8.4	2.6	SA	1950	6.9	2.0								
9	0040	20.7	6.3	24	0030	23.2	7.1	9	0125	20.3	6.2	24	0155	22.8	6.9								
	0715	3.3	1.0		0710	2.2	0.7		0810	3.2	1.0		0835	3.3	1.1								
WE	1335	18.8	5.7	TH	1330	20.1	6.1	SA	1435	18.0	5.5	SU	1500	20.1	6.1								
ME	1915	7.4	2.3	JE	1910	6.2	1.9	SA	2005	6.3	2.5	DI	2040	6.4	2.0								
10	0110	20.7	6.3	25	0115	23.8	7.2	10	0200	20.2	6.2	25	0245	22.2	6.8								
	0750	3.2	1.0		0800	2.2	0.7		0845	3.2	1.0		0820	9.3	3.3								
TH	1410	18.5	5.6	FR	1420	20.1	6.1	SU	1510	18.0	5.5	MO	1540	20.1	6.1								
JE	1945	7.7	2.3	VE	2000	6.4	2.0	DI	2040	6.3	2.5	LU	2130	6.4	2.0								
11	0145	20.6	6.3	26	0205	23.2	7.1	11	0235	20.0	6.1	26	0335	21.2	6.5								
	0825	3.3	1.0		0850	1.1	0.3		0920	3.3	1.0		1005	1.9	0.6								
FR	1445	18.2	5.5	SA	1510	18.9	6.1	MO	1545	17.9	5.5	TU	1625	19.8	6.0								
VE	2020	8.1	2.5	SA	2050	6.8	2.1	LU	2120	8.4	2.6	MA	2220	6.7	2.0								
12	0215	20.3	6.2	27	0255	22.4	6.8	12	0315	19.8	6.0	27	0425	19.8	6.0								
	0900	3.8	1.1		0940	8.3	3.1		1000	3.7	1.1		1050	3.3	1.0								
SA	1520	17.8	5.4	SU	1600	19.5	5.9	TU	1625	17.8	5.4	WE	1710	19.4	5.9								
MA	2055	6.8	2.6	DI	2140	7.3	2.2	MA	2205	6.8	2.6	ME	2315	7.0	2.1								
13	0250	19.8	6.0	28	0345	21.2	6.5	13	0400	19.0	5.8	28	0515	18.3	5.6								
	0935	4.1	1.2		1030	2.9	0.8		1035	4.1	1.2		1130	4.8	1.5								
SU	1600	17.3	5.3	MO	1650	19.0	5.8	WE	1705	17.8	5.4	TH	1800	18.9	5.8								
DI	2130	9.1	2.8	LU	2240	7.8	2.4	MA	2255	6.5	2.6	JE											
14	0325	19.1	5.8	29	0445	19.8	6.0	14	0450	18.2	5.5	29	0015	7.3	2.2								
	1015	4.7	1.4		1120	3.4	1.0		1115	4.8	1.5		0610	16.9	5.2								
MO	1845	18.8	5.1	TU	1745	18.5	5.6	TH	1750	17.9	5.5	FR	1215	6.3	1.9								
LU	2215	8.8	2.9	MA	2345	6.2	2.5	JE	2355	6.3	2.5	VE	1845	18.8	5.6								
15	0410	18.4	5.6	30	0545	18.4	5.6	15	0540	17.4	5.3	30	0115	7.4	2.3								
	1100	5.2	1.6		1215	4.8	1.5		1200	5.8	1.7		0715	16.7	4.8								
TU	1730	16.4	5.0	WE	1845	18.1	5.5	FR	1840	18.1	5.5	SA	1305	7.8	2.4								
MA	2310	8.8	3.0	ME				VE				SA	1940	18.1	5.5								
					0655	6.3	2.5																
					0650	17.1	5.2																
					1310	6.0	1.8																
					1945	18.0	5.5																

PRINCE RUPERT (EST) 1990

JULY JULIET												AUGUST AOÛT											
Day	Time	H	M	S	Day	Hour	M	P	M	S	Day	Time	H	M	S	Day	Hour	M	P	M	S		
1	0220	7.3	2.2	16	0130	5.8	1.8	1	0350	7.1	2.2	16	0350	4.8	1.5								
	0825	15.0	4.6		0730	15.8	4.8		1030	14.7	4.5		1020	16.1	4.9								
SU	1405	9.0	2.7	MO	1315	8.1	2.5	WE	1535	10.8	3.3	TH	1550	9.8	2.9								
DI	2035	18.0	5.5	LU	1950	19.4	5.9	ME	2145	17.8	5.4	JE	2205	19.7	6.0								
2	0325	6.8	2.1	17	0245	5.3	1.6	2	0450	6.2	1.9	17	0455	3.8	1.2								
	0945	14.9	4.5		0900	15.8	4.8		1125	15.5	4.7		1125	17.4	5.3								
MO	1510	9.7	3.0	TU	1430	9.0	2.7	TH	1640	10.2	3.1	FR	1700	8.4	2.6								
LU	2130	18.1	5.5	MA	2100	19.8	6.0	JE	2240	18.3	5.6	VE	2310	20.6	6.3								
3	0425	6.2	1.9	18	0355	4.3	1.3	3	0540	5.2	1.6	18	0550	2.7	0.8								
	1050	15.3	4.7		1020	16.1	4.9		1210	16.5	5.0		1215	18.8	5.7								
TU	1610	9.9	3.0	WE	1550	8.1	2.8	FR	1730	8.4	2.9	SA	1755	7.1	2.2								
MA	2220	18.4	5.6	ME	2205	20.4	6.2	VE	2330	18.2	5.9	SA											
4	0515	5.5	1.7	19	0505	3.1	0.9	4	0620	4.2	1.3	19	0600	2.4	0.6								
	1145	16.0	4.9		1130	17.2	5.2		1245	17.5	5.3		1245	17.5									

STAFF AND MANAGEMENT RESOURCES

District Supervisor: Robb Wilson

Assistant Supervisor: Laurie Gordon

Fishery Officer i/c: David Einarson

Fishery Guardian: Rick Dillman - July 15 to September 16

Salmon Biologist: Les Jantz

Charter Patrolmen:

<u>Vessel (Operator)</u>	<u>+ Start</u>	<u>+ End</u>	<u>+No. days</u>	<u>+ Cost/day</u>	<u>+ Total</u>
Rambler(Dave Brooks)	+June 19	+September 28	+ 90	+ \$250.	+\$22,500
Zona G (Jim Gale)	+June 19	+September 13	+ 75	+ \$250.	+\$18,750
Sundancer (D. Rowse)	+July 01	+ August 09	+ 35	+ \$250.	+\$ 8,750
Princeton I(D.Lewis)	+July 15	+ August 12	+ 24	+ \$350.	+\$ 8,400

Ken Seymour (Ecstall River guardian)	+July 22	+ August 10	+ 20	+ \$210.	+\$ 4,200
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Patrol Vessels:

<u>Vessel(Operator)</u>	<u>+ Start</u>	<u>+ End</u>	<u>+No. days</u>
Petrel Rock (6 skippers)	+ May 07	+ October 31	+ 65
Kitimat II (M. Calley)	+ July 1	+ July 15	+ 10

Aircraft:

Ten gear flights, average 2.5 hrs.(25 hrs.) = \$8600.

Four helicopter flights of Ecstall River, average 2.5 hrs. = \$6900.

Other:

Gillnet test fishery at Tye - June 10 to September 10 (Management Biology Department).

Babine Lake counting fence (Management Biology Department).

Prince Rupert W/F, Terrace, Hazelton, and Smithers sub-districts, which supply sport and food fish catches and escapement information.

Gillnet selectivity study conducted this year in Area 4, involving 5 gillnets fishing during July and August with nets of varying construction. This study was handled by Management Biology.

SEP staff, which look after the enhancement facilities on the Skeena system, and are increasingly getting involved in escapement estimation, such as the work done at the Toboggan Creek fence and Kalum Riverdead pitch.

Totals

Charter Patrolmen -----	\$62,600.
Gear flights -----	8,600.
Enumeration flights ----	6,900.
O & M -----	10,000.
Total -----	<u>88,100.</u>

Adequacy Of Resources

Personnel - Area 4 needs a GT-02 Fishery Officer. With the surge in effort of minor fisheries, such as shellfish dive fisheries, there is fishing activity in Area 4 year-round. Native, sport, and commercial fisheries now operate in Area 4 every week of the year. One person cannot adequately monitor and enforce these fisheries. With one of the largest commercial salmon fisheries on the coast, with effort ranging up to 900 gillnet vessels operating at one time, it is ludicrous not to have a permanent GT-02, when other sub-districts with much less happening do have one. As an example, this year three vessels were apprehended fishing commercially without any vessel licences. With so little presence on the grounds, this is bound to happen, and will probably increase.

This year Area 4 had the services of a Guardian from July 15 to September 16. This was of great help in getting our programs completed, especially monitoring and enforcement of the commercial fishery and maintenance of equipment. In these two areas, certain things just cannot be covered by one person. Although the help for two months was appreciated, a more permanent position is needed to properly manage this area.

Patrol Vessels - The main problem with Patrol Vessels this year was the many skippers that were tasked to the Petrel Rock. This year, we had six different skippers. Some of these were new to Fisheries, and all but one were new to Area 4. This constant change in personnel makes for an inefficient operation, with the Fishery Officer having to do repetitive briefings about the area, and about the way we do business. It would be much better if this position were filled properly.

The Petrel Rock is not an adequate vessel for this area. The small size of the vessel results in no bunks for Fishery Officers, no area for paper-work, and no hot water. It is very awkward to do any computer work, which is becoming increasingly important every year. At the present time, computer work sometimes gets completed with the computer balancing precariously on the starboard seat, with the Fishery Officer standing beside it. 110 volt capacity is now available when the motor is running, but is difficult to hook up, and there is no place to leave the computer to re-charge the batteries. Also, when the weather turns foul, the Petrel Rock must stay in protected waters, while the fleet continues to fish.

Charter Patrolmen - The number of charter patrolmen this year was a vast improvement over recent years. With the addition of a larger vessel for the outside waters, this important area was covered more thoroughly. The number of charter patrol days, at 224, are just 8 days short of the 232 days that the Operational Framework recommends. The number of charter days required varies from year to year, depending on salmon runs and openings, but 232 days would be optimum.

Funding - Funding for the sub-district comes from a variety of sources. The sub-district budget this year was very confusing due to this.

However, no fault can be found with the amount of operational funding in the area this year.

Enforcement - Resources this year to properly carry out enforcement duties were generally adequate. A permanent skipper for the Petrel Rock would help the process greatly.

ENFORCEMENT SUMMARY

The following is the 1990 summary of the charges laid in Area 4 relating to salmon.

Commercial: commercial gillnet during a closed time - 4 charges and 2 warnings.
commercial troll during a closed time - 1 charge
no PCFL - 11 charges, 2 warnings.
missing licence plates - 2 charges, 1 warning
fail to renew A licence - 1 charge
no commercial licence on vessel - 4 charges
fail to carry licence documents - 1 charge
fail to mark gillnet buoy - 1 charge
have more than 1 gillnet on drum - 2 warnings
untended net - POPU
pointing a firearm - 1 charge
assault of a peace officer - 1 charge
obstruction of a peace officer - 1 charge

IFF: No charges

Sport: fish without licence - 1 charge
fish without chinook stamp - 1 charge
possess undersize chinook - 1 charge
fail to record chinook catch - 1 charge
fail to produce licence - 1 warning

The above list resulted in 26 fishermen charged and 8 warned.

These infractions were discovered with a very limited number of checks, due to the numerous other duties of the Fishery Officer in the area. Checks were mainly made in conjunction with hail gathering activities.

Twice as many fishermen were found to be breaking the regulations this year, as opposed to last year. I believe that this was due to a combination of having a Guardian working in the area for 2 months; spending a little more time in enforcement patrols; and a possible increase in illegal activity due to the small risk of getting caught in such a large fishing fleet.

More dedicated enforcement patrols are needed before, during, and after the fisheries. An example of the lack of manpower in the area is the report (after the fact) of two seiners fishing in the closed portion of 4-12 for two days straight. No patrols of these areas were possible, with the limited manpower available, and the other duties required of personnel during a fishery.

1990 FISHING PLANS - AREA 4 - LOWER SKEENA

SPECIES	CYCLE YEAR	CATCH	CYCLE YEAR ESCAPEMENT	EXPECTED ESCAPEMENT	ESCAPEMENT TARGET	EXPECTED CATCH	COMMENTS
Sockeye	1985	2,206,000	2,175,000	1,150,000	1,000,000	750,000	An average return is expected totalling 2.1 million.
	1986	497,000	713,000				
Pink	1988	625,000	827,000	1,050,000	1,000,000	650,000	A return of 2.2 million is expected. This is slightly below average for recent years.
Chum	1986	47,000	13,000	12,000	50,000	50,000 to 100,000	No surplus expected. Chum catch is incidental during pink and sockeye fisheries.

-19-

PROPOSED FISHING PATTERN

<u>Effective Date</u>	<u>Action</u>
June 24	Open to gillnet only for 1 day in 4-4, 4-5, 4-8, 4-9, 4-12, 4-14 and 4-15.
July 2	Open to gillnets weekly with sub-areas and fishing duration dependent on stock strength.
July 29	
July 15	Open to seines in 4-1, 4-2, 4-3, 4-4, 4-5, 4-8, 4-9, 4-13 and 4-14 dependent on stock strength and domestic allocations.
August	Weekly net fisheries are anticipated. Fishing times will be dependent on stock strengths.

NOTE: Gillnet maximum mesh size 137 mm.
 Maximum of 4 days net fishing per week prior to week ending August 04.
 Commencing August 05 fisheries will be designed to conserve coho and minimize surplus escapements of sockeye and pinks. Fishing plans include non-retention of coho and steelhead by seines
 Trolling restricted to net times and areas.

DAILY RECORD
OF MANAGEMENT STRATEGIES

WEEKLY NOTES - 1990 COMMERCIAL SALMON FISHERY

In the pre-season fishing plan, an opening was scheduled for the week beginning June 24. This opening commenced at 1800h on Monday, June 25. The reason for the Monday opening was to conserve overtime monies for the Department. No management meeting was held prior to this fishery. As in years past, the outside sub-areas were left closed due to concerns for fish of unknown origin being caught.

Gillnets operating at the opening:

<u>SLOUGH</u>	<u>RIVER</u>	<u>GAP</u>	<u>4-12</u>	<u>4-9</u>	<u>N. BOUNDARY</u>
8	70	11	181	74	44

<u>4-4</u>	<u>TOTAL</u>
4	392

Patrol Boats:
Rambler - River
Zona G - North Boundary
Petrel Rock - 4-9
Kaieen Isle - 4-12

Fishing was slow during the night, and many boats left in the morning. See catch summaries for all 12 hour and 24 hour catches.

Due to the poor catches during the night, and the generally poor escapements so far as calculated by our test fishery, it was recommended to close as scheduled. Recommendation was accepted.

INFORMATION FOR MANAGEMENT MEETING JUNE 28

Indian Food Fishery: See table.

Commercial Catch: See table.

Sockeye CPUE:

1976-1987 No Fishery

1988 - 650gn:33 1989 - 350gn:30 1990 - 392gn:20

Sockeye Test Index

To June 26 - 25.21 10-yr Av. - 83.44

Needed next week: 88,089 sk, or an average of about 12.5K/day.

Stock Composition

Second peak week of Early Non-Babine stocks. In fish abundance, Pinkut should be dominating, with Early Babine Tribs and Early Non-Babine strong factors.

Chinook

Test index to June 26 is 62.84, compared to an 80's average of 49.43. Lowest since 1985. Food fish CPUE last week is also lowest since '85.

CPUE

1990 - 392gn:3.2

1989 - 350gn:3.2

1988 - 650gn:4.4

MANAGEMENT RECOMMENDATION

Open for one day to assess sockeye stock strength, specifically Pinkut. A significant improvement in escapement or catch will have to be seen to extend beyond one day. Open outside areas for one day only to assess incoming stocks - expect high incidental catches of coho and chum in the outside areas. Sub-areas open: 4-1 -2 -3 -4 -5 -8 -9 -12 -13 -14 & -15. Recommendation accepted.

July 01

Gear count at opening:

Slough	River	Gap	4-12	4-9	N. Bound.	H. B. Pass
6	136	4	184	33	26	25

Out. Stephens	Edge Pass	Oval Bay	Total
29	3	6	452

Patrol and Charter boats:

Rambler - R/G/S

Petrel Rock - 4-12

Sundancer - 4-9

Zona G - North Boundary

Kitimat II - Outside Stephens and Hudsons Bay Pass

First set information: River - 6 checked 48sk 6 ck

Weather is flat calm.

July 02

Very poor fishing so far. Average for the gear checked is 13 sk. By comparison, 1989 average was 21sk; 1988 average was 40sk. Escapement as measured by the test boat is still very poor. Total to date by June 30 was 27,419, with a desired escapement of 111,513. Each of the three weeks so far have been considerably under what we want to see. Also, there doesn't seem to be any strength on the outside. Recommend close as scheduled. Recommendation accepted.

INFORMATION FOR MANAGEMENT MEETING JULY 05

The management meeting this week was cancelled due to various other engagements of District staff. Instead of the formal meeting, informal conversations were conducted. The overriding concern at the moment is sockeye escapement and abundance. Escapement is very low, and the food fishery has caught little to date. There are no signs of strength to the run. It was decided to open for one day, Sunday, July 8 at 1800h,

to test the strength of the sockeye run, specifically the return to Pinkut Creek. This week should be the peak of the Pinkut run.

July 08

Gear count at opening:

Slough: 12 River: 152 Gap: 5 4-12: 156 4-9: 48
North Boundary: 35 Hud. Bay Pass: 23 Outside Stephens: 19
Edge Pass: 2 Oval Bay: 4 Total: 456gn

Patrol Boats:

Petrel Rock: 4-12
Kaien Isle: 4-12
Kitimat II: Outside areas
Rambler: River
Zona G: 4-9
Sundancer: North Boundary

This week a Fishery Officer from the Enforcement Unit assisted on the Kitimat II during the fishery.

First hauls: River - 2gn checked for 17sk total
4-9 - 3gn checked for total 9sk 1co

Weather was flat calm, with extensive fog on the morning of the 9th hampering hauls in some areas.

July 09

Fishing extremely poor in the river, with 11sk average for the first 12 hours. By comparison, 1989 average: 119sk ; 1988 average: 137sk. 4-12 was slightly better, with an average of 34sk. Recommend close as scheduled to allow sockeye to pass up the river. Recommendation accepted.

A suggestion was made that warm water was keeping the sockeye out of the River. An attempt was made to collect water temps from various places. Results: Slippery Rock: 15C; Greentop: 13.5C; Oval Bay: 14C.

INFORMATION FOR MANAGEMENT MEETING - JULY 12

Sockeye CPUE

BROOD YEARS		
1990 - 452gn: 37	1985 - 595gn: 190	1986 - 269gn: 57
	626gn: 134	

This should be the second peak week of Pinkut and the first peak week of Fulton. This is also the first peak week of Babine Lake stocks. This is the first week that Babine River stocks should be present in

significant numbers.

Pinkut and Fulton are the targetted stocks this week.

It appears we will again significantly under-escape this week. Next week we need approximately 27,000 sockeye per day to meet our escapement goals. To date we have seen nothing close to this daily number.

Skeena stock projection using data to July 7 (70-89 average) is now predicted to be 935,395. This will not meet our escapement requirements.

Area 3, sub-areas 3-1, 3-2, and 3-4, and Area 5 (5-1, -2, -3, -10, -11, -12) are managed in conjunction with Area 4 based on Skeena sockeye stock strength. Area 1 net fisheries in July are also managed to Skeena sockeye and pink strength.

Recommend open on one day again to continue to assess incoming sockeye strength. Recommendation accepted.

July 15

Gear count at opening:

Slough: 4 River: 261 Gap: 14 4-12: 199 4-9: 86 N. Bound.: 77

Out. Stephens: 9 Edye Pass: 3 Oval Bay: 4 Total: 676

Patrol Boats:

Petrel Rock and Kaien Isle: 4-12

Rambler: River

Zona G: 4-9

Sundancer: N. Boundary

Princeton I: Outside areas

First hails: River - 9 checked - 167-0-0-0-6-3 (totals)

July 16

Weather good. Fishing not great in any of the areas. (see 12hr. hails).

Hail comparison:

	1990	1989	1988
R/G/S	56	58	124
4-12	43	89	92
4-9	31	36	58
N.B.	38	53	70
H.B.P.		23	68
O.S.	59	14	29

Averages down in all areas except outside Stephens. In 1989 we fished three days this week and under-escaped by 40,000. The fish outside Stephens is encouraging, but we need a lot of fish up the river. The day before yesterday we had 20,000 escapement; this week we need an average of 27,000/day. At this stage, I think we should be conservative, and I recommend to close as scheduled. It is still only

the first day of the week, and we have plenty of time to fish later in the week if the escapement picks up.

Recommendation accepted. Along with the announcement to the fleet, we announced a Wednesday noon scheduled announcement, stating that it may be possible to fish later this week if a surplus develops.

July 18

Due to the scheduled Wednesday announcement this week, we held a management meeting in the morning.

INFORMATION FOR MANAGEMENT MEETING - JULY 18

Skeena Sockeye Stocks:

This week we want to average 27,000 sk/day. In the first three days we have a total of 56,769. For the remaining four days we now need to average 32,400/day.

Encouraging signs keep coming in, such as gillnet selectivity study catches in the outer areas, the catch in the outer areas last opening, and above average catches at Noyes Island.

We are still not meeting our escapement goals. Recommend to announce to the fleet that we are still not attaining our desired daily escapement, and next announcement will be Thursday at 2 PM (our usual announcement time).

Announcement was: The next announcement will be at the regular announcement time, 1400h Thursday, July 19.

INFORMATION FOR MANAGEMENT MEETING - JULY 19

SOCKEYE CPUE:

BROOD YEARS		
1990 676gn:80	1985 708gn:131	1986 388gn:113
	676gn:187	
	676gn:162	

In fisheries this coming week, the intent is to harvest the second peak week of Fulton and Babine Lake sockeye stocks. This is also the first week of the three peak weeks of the Babine River stocks, and the peak week of the Late Non-Babine stocks.

This is the normal peak week of the entire Skeena River sockeye run.

We want to average close to 31,000 sockeye/day past the test fishery this week.

Sockeye index to July 18 is 295.05, compared to a ten year average of 669.25. This year continues to be the lowest escapement since 1976.

COHO

SKEENA COHO INSEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cumulative
July 13	.2	.2	.46	.46
July 20	1.8	2.0	2.09	2.55 (to 18th)
July 27	4.4	6.4		

Sport catches remain good in Area 4.

PINK CPUE:

		BROOD YEARS	
1990	676gn:9	1988	861gn:10
			850gn: 9
			855gn:10
			448gn: 4
			37sn:241
			72sn:102
		1986	388gn:9

Escapement so far is 5,490, compared to a desired of about 19,000. Index is 3.76, compared to a five (even) year average of 1.63. This is the third best even year since 1960.

CHUM

Index to July 18 is 0.76 compared to a ten year average of 0.82.

CHINOOK

Index to July 18 is 197.08 compared to a ten year average of 145.40. This is still behind the big years of 86-88, but above all other years.

STEELHEAD

Index is 16.72, compared to ten year average of 28.95. This is the lowest since 1983.

DISCUSSION

It appears that the sockeye have arrived, from yesterday's escapement to all the other information we are getting from our gn selectivity test boats, to Alaska fisheries. Recommend to open 1200h Saturday to 1800h Monday, or 2 days 6 hours. The noon opening will take into account a flooding tide, and will give fishermen a couple extra hours of flood and a high slack.

July 21

Gear flight, scheduled to leave Rupert at 1130h, was delayed to 1430h due to fog. Even so, poor visibility was encountered in some parts of Chatham Sound, and the outside areas were completely fogged in.

Gear count at opening:

Slough	River	Gap	4-12	4-9	N. Boundary
3	272	25	183(fog)	83(fog)	69

Hud. Bay Pass obscurred	Out. Stephens obscurred	Edye Pass 4	Oval Bay obscurred
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Later, by counts from patrol boat radars, the total gear in the area turned out to be 698 gillnets.

Good fishing in all areas occurred in the first 6 hours.

July 22

Fishing holding up well in all areas, with the best averages off Smith Island and in the outside areas.

July 23

AM figures indicate catches are holding up, especially in outside areas, which should indicate new fish moving into the area. We overescaped last week. Run strength seems to indicate we could fish at least one more day this week. Extend one more day to 6 PM July 24.

Catches in the outside sub-areas very good today, with an average of over 170 sockeye. In inside areas, catches are dropping off. Major movement of fleet to the outside.

July 24

Still strength on the outside this AM, but poor catches reported in all inside areas, particularly in the River. Escapement down considerably. Recommend close as scheduled, with a possibility of opening later in the week if escapement rebounds quickly. Recommendation accepted.

INFORMATION FOR MANAGEMENT MEETING - JULY 26

SOCKEYE CPUE:

BROOD YEARS

698gn:127(week 29)

1990 - 698gn:84(2nd day)	1985 - 685gn:248	153sn:382	1986 - 548gn:154
698gn:91	685gn:133	134sn:254	523gn:105
	580gn:120	143sn:245	566gn:108
	544gn:114	140sn:581	

Next week is normally the peak week of the Babine River run. In fisheries the intent is also to harvest the last of the peak weeks of Fulton and Babine Lake sockeye stocks.

In the first four days of this week, we have 32.5K escapement. For the remaining three days we want to average 61K/day.

Sockeye index to July 25 is 502.67, compared to a ten year average of 938.79. This year continues to be the lowest escapement since 1976, and

prior to that 1966.

COHO

SKEENA COHO INSEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cummulative
July 13	.2	.2	.46	.46
July 20	1.8	2.0	3.73	4.19
July 27	4.4	6.4	(1.19)	(5.38) to July 25
Aug. 03	13.1	19.5		

Index is presently highest since 1986.

Sport catches remain good in Area 4.

No management actions needed at this time.

PINK CPUE:

		BROOD YEARS	
698gn:19(week 29)			
1990	698gn:22	1988	512gn: 6
	698gn:24		512gn: 8
		1986	548gn: 9
			523gn:12
			566gn:15

Escapement so far is 31.5K, compared to a desired of about 73K. Daily escapement should be around 12,000/day this week.

Index is 21.09, compared to a five (even) year average of 10.54. This is behind 1984, but ahead of 1986 and 1988.

CHUM

Index to July 25 is 2.35 compared to a ten year average of 2.36.

CHINOOK

Index to July 25 is 211.75 compared to a ten year average of 155.73. We have now passed 1988 levels to this time, and are only behind 1987, 1986, and 1957.

STEELHEAD

There have been 6 better years and 4 worse years to date since 1980.

DISCUSSION

Good sets recorded off Smith Island by our gillnet selectivity study

boats, one set over 350 sockeye. Tides are good for moving fish. Good abundance on the outside of the area at the close of last fishery. These factors lead us to believe that we are in for some major escapement in the next few days. Therefore, although on the surface it seems that we are not going to meet our escapement this week, we expect that we will, and recommend to open at 1200h on Saturday to 6PM on Monday, the same opening pattern as last week. If we do grossly underescape this week, we can look to closing as scheduled to allow escapement to get through.

July 28

Gear flight revealed 870 gillnets in the area. During the first 6 hours the fishing was fairly good. Weather good.

July 29

Fishing remains good in most areas, although in Chatham sound the sockeye catch is decreasing.

July 30

Fishing remains fairly good. However, last week we under-escaped by 70,000 sockeye. Recommend close as scheduled and re-open later in the week if we have enough fish going up the river. Recommendation accepted.

INFORMATION FOR MANAGEMENT MEETING - AUGUST 02

GENERAL: This coming week is a transitional week, when in some years we switch to pink management, other years we stay at sockeye management. It will be the peak week of pink escapement. Sockeye should be Babine River stocks, which have been in good shape in recent years. Harvest of Steelhead and Chum should increase sharply this week.

SOCKEYE CPUE:

BROOD YEARS

867gn:103(week 30)

1990 - 867gn:104(2nd day)	1985 - 516gn:276	1986 - 524gn:123
	516gn:149	524gn:85
	500gn:131	
	500gn:109	
	58sn:1528	32sn:480
	64sn: 759	26sn:212
	66sn: 532	

Normally the coming week would be the third peak week of the Babine River.

In the first four days of this week, we have 70K escapement. For the

remaining three days we want to average 30.5K/day. The highest recorded escapement of the year to date has been July 19, with 47K escapement. We have exceeded 30.5K only 5 days this year.

Next week we want an average of 13K/day.

Sockeye index to August 1 is 753.79, compared to a ten year average of 1207.01. This is above the 1986 escapement of 748.85, and below everything prior to that since 1969.

COHO

SKEENA COHO INSEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cumulative
July 13	.2	.2	.46	.46
July 20	1.8	2.0	3.73	4.19
July 27	4.4	6.4	6.14	10.33
Aug. 03	13.1	19.5	(8.69)	(19.02) to Aug. 1
Aug. 10	17.6	37.1		

Index is presently highest since 1970.

Sport catches remain good in Area 4.

No management actions needed at this time.

PINK CPUE:

		BROOD YEARS	
867gn:64(week 30)			
1990	867gn:73	1988	524gn:45 524gn:61
		1986	739gn:87 739gn:95 740gn:69
			32sn:3775 26sn:5944
			27sn:1099 83sn:1165

This coming week should be a peak week of pink harvest in Area 4. Pink stocks would be the Upper and Middle Skeena stocks.

Escapement so far is 228K, compared to a desired of about 196K. Daily escapement should be around 22,000/day this week, and we have been getting close to 30K/day.

Index is 152.38, compared to a five (even) year average of 44.0. Only 1966 and 1958 have been higher even years.

CHUM

Index to Aug. 1 is 6.04 compared to a ten year average of 6.41. This is significantly ahead of the 1986 brood of 1.35.

CHINOOK

Index to Aug 1 is 217.25 compared to a ten year average of 162.49. This is the 8th highest since 1956.

STEELHEAD

There have been 6 better years and 4 worse years to date since 1980. This is the same ranking as last week.

DISCUSSION

Due to the strong showing of pinks, both in CPUE and in escapement, it is anticipated that we will switch to pink management this week. This will depend on both the sockeye and pink CPUE and escapement in the first few days of fishing this week. There appears to be enough strength in the pink run to support an extended opening. Coho concerns are decreasing, having so far exceeded our weekly target index. There appears to be evidence that the sockeye run is stronger than is indicated by the test fishery - good sets by the selectivity study gillnets, and consistently good catches at Noyes Island. Recommend opening on two days, with further fishing anticipated this week, if pinks remain strong. Recommendation accepted.

August 04

Total gear count is 596 gillnetters - for area breakdown see catch data sheets. Weather good. Opening sets in river and North Porcher are about equal sockeye to pinks.

August 05

Pink average 160 in the River last night, 119 overall. Last week we overescapened on pinks by about 130,000. Sockeye escapement should be exactly what we wanted after adjustment. This week we only need to average 13,000 sockeye. With the large overescapement of pinks, we have switched to pink management. Recommend to bring seines in to normal fishing areas of Area 4 at 6PM tonight. Recommendation accepted.

Announcement passed to the fleet at 1000h. Seines open from 1800h August 5 to 1800h August 6 in sub-areas 4-1, 2, 3, 4, 5, 8, 9, 13, & 14.

Another gear flight has been arranged for 6PM tonight.

Results of second gear flight: 444 gillnets, 58 seines. By 1930h, most of the seines were leaving, having made a set or two and finding it to be very poor fishing. By morning, only 18 seines were left.

August 06

Weather is SE 20 on inside, 30 on outside. No gillnets left outside. Pink fishing is good in river, poor in Chatham Sound.

Pink escapement continues good, even though we are fishing. Recommend extend all areas to the same gear for one day. Recommendation accepted.

August 07

We are down to 347gn and 17 sn. Most of the gear is leaving to head south to Area 11 (Roller Bay), which has good expectations of Adams River sockeye. Fishing for pinks still very good and getting better in the river. Other areas of Area 4 remain poor pink fishing. Migration route of pinks must be through Ogden Channel, as Area 5 seems to be getting good pink catches by seines. Coho by-catch very high in 4-9 and outside Stephens. Very poor pink catches along North Boundary. Recommend close as scheduled, with a possible opening later in the week if coho concerns are not too strong. Wind is hampering fishing by seines in outside areas, and after three days of gillnetting, effort by gillnets is dropping off considerably. To maximize our pink catch, we should close now, with a later opening after the weather goes down and everyone has a rest. Recommendation accepted.

INFORMATION FOR MANAGEMENT MEETING - AUGUST 09

PINK CPUE:

		BROOD YEARS	
596gn:199(week 32)			
1990	444gn:142	1988	515gn:72
	347gn:206		512gn:94
			468gn:47
			1986 413gn:153

Daily escapement for the rest of the week should be around 41,000. Next week we want about 37K/day.

Index is 329.71, compared to a five (even) year average of 198.21. Only 1970, 1966 and 1958 have been higher even years.

Migration route seems to be through Ogden Channel, with a lesser proportion moving through Edye Pass. Pink catches along the mainland shore and Brown Pass remain very poor.

We have coastal pink concerns. Escapements in 1988 to all coastal streams was very weak. Strategy used to protect these stocks is to keep the outside areas closed.

SOCKEYE CPUE:

		BROOD YEARS	
596gn:88(week 32)			
1990 -	444gn:65(2nd day)	1985 -	397gn:120
	347gn:81		397gn:114
			430gn:185
			1986 - 413gn:47

In the first three days of this week, we have 20K escapement. For the remaining four days we want to average 18K/day. Sockeye migration is through Chatham Sound, as is normal.

Next week we want an average of 6,600/day.

Sockeye index to August 7 is 846.92, compared to a ten year average of 1393.73. This is the worst escapement, as estimated by the test fishery, since 1970.

COHO

SKEENA COHO INSEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cummulative
July 13	.2	.2	.46	.46
July 20	1.8	2.0	3.73	4.19
July 27	4.4	6.4	6.14	10.33
Aug. 03	13.1	19.5	12.79	23.12
Aug. 10	17.6	37.1	(8.33)	(31.45)(to Aug. 7)
Aug. 17	17.0	54.1		
Aug. 24	11.9	66.0		

Index is presently highest since 1983. Three years in the 80's have been better.

Commercial catches were exceptional last week. Sport catches remain good in Area 4.

No special management actions needed at this time.

CHUM

Index to Aug. 7 is 10.79 compared to a ten year average of 15.95. This is significantly ahead of the 1986 brood of 4.57.

CHINOOK

Index to Aug 7 is 218.36 compared to a ten year average of 165.76. This is behind 86, 87, and 88 but ahead of 89.

STEELHEAD

There have been 6 better years and 4 worse years to date since 1980. This is the same ranking as most of the summer.

DISCUSSION

The test fishery again seems to be underestimating the run strength, especially on sockeye. According to the Babine fence estimation, the run past the fence will be about 850,000 this year, while the test boat has only estimated a run of about 600,000 so far. The coho index is still strong, although this week it may fall behind our target. CPUE's during the last fishery were very good for coho, so we can expect an increase in escapement. We believe there is no longer any rationale to restrict fisheries for coho concerns.

Recommend opening for three days starting 6PM Saturday. This would give us the three day opening for this week that we think coho can withstand, and allow us to harvest more pinks, which are presently over-escaping.

August 10

Announcement: The test fishery index and overall abundance of Skeena River coho are well above the pre-season expectations. As a result coho conservation measures are being relaxed.

The native fishery on the Skeena River will be open 7 days per week effective immediately.

Effective 0100h Monday, August 13, 1990 and until further notice sport fishermen will be permitted to catch 1 coho over 50cm and 4 coho under 50cm per day (possession limits are 2 coho over 50cm and 8 coho under 50cm) in the waters and tributaries of the Skeena River (Management Units 6-7, 6-8, 6-9, 6-10, 6-11, 6-15, 6-18, and 6-30). All current angling closures remain in effect.

This is the end of the announcement. Also relaxed is the troll closure in northern Hecate Strait, which will open midnight August 13. This closure was implemented 0001h August 5 and was scheduled to last to 0001h August 19. The net fishery in Area 4 will also be allowed to go for more than two days per week.

August 11

Gear flight at opening revealed three early setters in the River, which were dealt with by the Fishery Guardian in the Kaien Isle. 255 gillnets total in Area 4 (see catch sheet for August 11/12 for breakdown). First sets in the River revealed good pink catches.

August 12

Very good catches in the River, with an average of 425 pinks and 105 sockeye. Other areas were poorer. Very few boats remain off Smith Island.

August 13

Areas 3 and 5 extended for a day today, so they are scheduled to close with the Skeena tomorrow night. Catches still holding up in the River, with 375 average for pinks, 102 for sockeye.

August 14

Yesterday we had 80,000 pinks go up the River, today it looks like we may have 100,000+. We will have our weekly desired escapement in the first half of the week, while a fishery is in progress. Decided to open to seines in all traditional seine areas, and extend for 24h to gillnets. This means the outside will open at 6PM tonight for nets. Most of the seine fleet has went south.

August 15

Gillnet catches are holding up, seine catches are fair. There are 11 seines in the area. We are still over-escaping on pinks. However, concern for other species, such as coho and steelhead, dictate that we close after four days of fishing. Since we still have a surplus of

pinks, decision was made to hold a special seine fishery, beginning at 1600h on August 16 and continuing to 2000h August 17, for 28 hours. This fishery is to be held for seines only, with non-retention of coho, chum, and steelhead. The areas open will be 4-15 and a portion of 4-12, with the same areas shut as last year, to protect local pinks.

August 16

As scheduled, the special seine fishery opened at 4PM. Twenty seines were present at the opening, quickly dropping to twelve, fishing either off Kennedy Island or Smith Island. No seines were observed to fish in the river, 4-15. Releases went fairly well, but concern was expressed by some fishermen that the released fish were dying anyway. Some evidence of this was observed, in the form of fish sinking quickly after being released.

Also, since it is Thursday, our regular announcement has to be made for next week. The main object of our fishing plan now is to harvest as many pinks as possible. Therefore, we announced a 2 day opening starting on Saturday, August 18, with seines in 4-5 and a portion of 4-9, and gillnets in these areas and a portion of 4-12 and 4-15. Other areas and ribbon boundaries were put in place to protect local coastal pinks. Water levels are very low on all coastal streams.

August 17

Since a regular fishery is starting tomorrow, decision was made to close the special seine fishery as scheduled so it would not interfere with the regular fishery. Average pink catch in the 28 hour fishery was 2400.

August 18

Regular gear fight made. No seines observed, and a total of 181 gillnets were present.

Resources available: Petrel Rock, Rambler, and Zona G are the boats getting hails.

August 19

Gear is leaving to run south, with reports of very good catches of Adams River sockeye. An average of only 97 gillnets fished for the 24 hour period. Pink catches good.

August 20

Pink catches remain very good, especially in the river area. Extension of 24 hours, since we are still overescaping. Coho escapement also good, so concerns for coho are decreasing.

August 21

Catches remain good, with better catches the closer you go to the river. Concerns for coastal pinks are growing, however, with most streams virtually dry. Extension for gillnets only in 4-15 and a portion of

4-12, with 4-5 and 4-9 closing as scheduled.

August 22

After four days consecutive fishing, close as scheduled tonight at 6PM to conserve non-target species.

August 23

Management meeting: We are continuing to overescape on pinks. In the first four days of this week, we have 150,870 escapement, compared to a weekly desired of 160,600. Once again, it appears we will overescape for the week by a large amount. For the year, the test fishery estimates an escapement so far of close to 1.2M, already over our yearly target. To harvest this surplus, open at 6PM on Sunday for two days in 4-15 and a portion of 4-12, with the stream boundaries in place. Everything else to remain closed to protect coastal pinks stocks.

Coho is still strong, and it appears we will likely exceed our August 24 target escapement.

August 26

Total of 43 gillnets fishing. Catches average in the river, poor in 4-12.

August 27

Catches continue average in the river, not so good outside Smith. Pink escapement yesterday was the highest of the year, at 109,050.

August 28

Gillnets have decreased to only 18 vessels fishing. Pinks still overescaping. Extend 24 hours, plus open a portion of 4-9, for gillnets and seines, to help mop up the pink surplus. Seines will have a non-retention of steelhead. The top strip of Porcher Island will remain closed to protect coastal pinks.

August 29

Still 18 gillnets. One seine fished today in 4-9. Pink catches still reasonable, no great coho concerns. Extend one day in the same areas, same gear.

August 30

Gillnets now down to 11 boats. This is our fourth day of fishing this week. However, with the very small fleet, and an abundance of pinks, extend for another 24 hours. This will be the first time we have fished with gillnets more than four days per week in recent years. However, last week we only fished three days, and we opened Sunday instead of Saturday this week to conserve boat overtime. If we had opened Saturday, we would have only fished four days this week. So, in two weeks, we still have only fished eight days.

Today was also announcement day for next week's fishing. It was decided to open on two days again, starting Sunday at 6PM. Seines to be open in a portion of 4-9 and a portion of 4-12, with non-retention of steelhead.

August 31

Fishing slow today, and boats had left the grounds by about noon.

September 02

Open as scheduled, with thirty gillnets participating.

September 03

Fishing for pinks has slowed down considerably, and coho catches are up. Average pink catch for the day is 83, compared to last week's opening day of 176. Coho average is 25, compared to last week's 11.

September 04

Pink catches remain low, with an average of 99. Coho average has climbed to 28. There is still a pink surplus, and coho seem strong. Extend another 24 hours, same gear and same areas.

Later today, three seines came out and tried sets around Prescott Island, with mostly water hauls, and one set of 10 pinks and 1 chinook. These boats then left the area.

September 05

Fishery is turning into a coho fishery. Pink average dropped to 47 today, and coho average remained good at 27. Twenty-one vessels remain fishing. Extend one more day in same areas, same gear, to complete the mop-up of excess pinks and assess coho strength.

September 06

Having fished four days this week, and with catches of pinks dropping, close as scheduled at 6PM tonight.

This was also announcement day. Pinks are basically over. However, there appears to be some strength to the later timing coho run. Trollers are still fishing, and are not expected to close until at least September 17, and possibly later. Test boat at Tyee will be finished on September 10. Thus, to assess coho strength, open on 24 hours, starting on Monday at 6PM to conserve overtime. 4-15 and a portion of 4-12 will be the only areas open.

September 10

Forty-three gillnets participated in the fishery at the opening. This number quickly decreased, after a few sets by most fishermen.

September 11

By this afternoon only 14 gillnets remained. For calculating catch, a

number of 29 gillnets were used - the average of 43 and 14. Boats averaged 15 coho for the 24 hours. In 1978, the last year that we fished this late, the average was also 15 for each of the two days fished. In 1976, averages were 16 and 18 coho. An average of 15 coho doesn't seem to indicate any strength, so close as scheduled after one day fishing.

September 13

Since any fishing done at this time of year would target coho, and there appears to be no strength to fish on, remain closed until further notice. It was also announced that further fisheries in areas 3, 4, and 5 were unlikely.

September 20

No meeting was needed this Thursday. There is not enough strength in any run to fish commercially, and Area 4 remains closed until further notice.

September 27

Area 4 closed for the balance of the season.

RECORD OF MANAGEMENT STRATEGIES (RMS) - SALMON

1990 POST SEASON SUMMARY AND ASSESSMENT

AREA 4 - SKEENA SUB-DISTRICT

1. PRE-SEASON EXPECTATIONS:

	Sockeye	Coho	Pink	Chum	Chinook
Expected Return	2100000	*	2200000	23000	*
Target Esc.	1000000	216375	1000000	50000	97710
Surplus	1100000	*	1200000	0	*

*Expectations are not calculated for coho and chinook. However, for 1990 a poor return of coho was expected in the upper portion of the Skeena River (above Terrace) and average to good in the lower reaches and coastal systems. This has been the trend to coho escapements in recent years. Chinook returns were expected to be similar to recent years with good escapements.

-Note that in the total Area summary above, surpluses and deficits mask one another. These figures were not calculated from individual stocks.

-Note target escapements for sockeye and pink are management targets which are currently under review for possible change. The target escapement for sockeye is actually 1,022,385 and for pink 1,907,695.

2. POST SEASON:

CATCH:	Sockeye	Coho	Pink	Chum	Chinook	Jack	StHd
Comm.Net							
SN	7363	1816	107252	1041	199	0	19
GN	778312	47571	797139	26674	9828	2035	5629
Total	785675	49387	904391	27715	10027	2035	5648
Sport							
Tidal	200	5000	3000	25	2600	0	0
Non-tidal							
Area 4	XXXXX	550	XXXXX	XXXXX	15	0	unk
Terrace	XXXXX	3500	XXXXX	XXXXX	2000	0	400
Hazelton	XXXXX	450	XXXXX	XXXXX	625	0	unk
Smithers	XXXXX	126	XXXXX	XXXXX	1020	0	unk
Total	200	9626	3000	25	6260	0	400

IFF

Area 4	26777	64	400	180	3452	0	106
Terrace	15400	370	2965	70	1660	0	200
Hazelton	88000	2200	30000	500	5500	0	unk
Smithers	24578	5908	10000	0	12355	0	1500
Total	154755	8542	43365	750	22967	0	1806

Total All	940630	67555	950756	28490	39254	2035	7854
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ESCAPEMENT:

	Sockeye	Coho	Pink	Chum	Chinook
1990	989482	78102	2613020	6043	55976
Target	1000000	216375	1000000	50000	97710

TOTAL RUN INTO AREA 4:

	Sockeye	Coho	Pink	Chum	Chinook
	1930112	145657	3563776	34533	95230

Commercial Net Fishery Opened __June 25/90__

Last Commercial Net Fishery __September 11/90__

Closed For The Balance Of The Season__September 27/90__

Total Days Fishing GN - 30.5 days SN - 14.2 days

Total Accum. Effort 8970 days 62 days

3. PROPOSED GENERAL FISHING PLAN:

Sockeye- An average return is expected totalling 2.1 million of which 200,000 will be harvested in Areas 3 and 5, and 150,000 in the native fishery. Maximum of 4 days net fishing per week prior to week ending August 4. Maximum mesh restriction 137mm.

Coho- Commencing August 5, fisheries will be designed to conserve coho and minimize surplus escapements of sockeye and pinks. Fishing plans include non-retention of coho and steelhead by seines. Trolling restricted to net fishing times and areas.

Pink- A return of 2.2 million is expected. This is slightly below average for recent years.

Chum- No surplus expected. Chum catch is incidental during pink and sockeye fisheries.

Chinook- No directed fishery in 1990, with good escapements expected based on recent years' returns. Catches of chinook will be incidental to other fisheries.

4. COMMERCIAL NET FISHERY:

SOCKEYE

Sockeye fishing began June 25, for one day, as per expectations. Catches and escapement were poor, and remained poor for the next four openings, which were all restricted to one day only. Finally, on the fourth week, we re-opened on Saturday due to indications of growing strength in the run. In general, the sockeye run was about average, as predicted. Fishing only proceeded for 9.5 days during our sockeye management period in 1990. Nevertheless, our catch of 782,417 was almost exactly our point prediction of 750,000. Our pre-season prediction was for a run totalling 2.1M, with 200,000 being harvested in areas 3 and 5, leaving 1.9M returning to Area 4. The actual total run into Area 4 was indeed 1.9M.

A major problem with managing the run this year was the unknown accuracy of the test fishery at Tye. All indications led us to believe that the test fishery was underestimating the run, and we based some key management decisions on this assumption. As it turned out, the test fishery was indeed underestimating, as it usually does.

The commercial catch in Area 4 in 1990 of 782,417 was less than the average of 891,035 for the previous 15 years (1975-1989).

Allocation between seine and gillnet was set pre-season for sockeye at: gillnet 73%, seine 27%. Actual split this year was: gillnet 80%; seine 20%.

Fishing effort and days comparison:

	Days Fishing		Boat Days	
	GN	SN	GN	SN
1990	30.5	14.2	8970	62
1975-1989 av	21.7	6.4	8464	324

COHO

Coho returns to the Skeena were expected to be poor, and the restrictions for all user groups (except tidal water sport fishers) went into effect as scheduled. However, due to a fairly strong escapement index, and general abundance in the fishing areas, restrictions were relaxed earlier than expected. The following restrictions were implemented:

Planned:

Native fishery: Closures in the Skeena River on August 7,8,9; 14,15,16; 21,22,23.

Actual:

Closures in the Skeena River on August 7,8,9.

Note:

Indian bands were advised of this closure, but did not agree to it, and some fishing continued during this period.

Planned:

Sport fishery: Closure to retention of coho in the Skeena and tribs all year above Terrace and until August 31 below Terrace.

Actual:

At 0100h on August 13, sport fishermen were allowed to retain 1 coho over 50cm and 4 coho under 50cm per day (possession limit twice this) in Skeena and tribs.

Note:

To limit all groups that catch coho, it is desirable to reduce the tidal water daily quota from 4 to 2. This was proposed, but was not accepted by the sport fishermen.

Planned:

Commercial net: Possibility of limiting fishing to 2 days/week in the weeks of August 5-11 and 12-18.

Actual:

Opening at beginning of August 5-11 restricted to 2 days. On August 10, restriction was relaxed, and Area 4 re-opened on August 11, for a total of three days during this week. The week of August 12-18, we fished 4 days with gillnets, 2 regular days with seines, plus a 28 hour special seine fishery (non-retention of coho, steelhead, and chum).

Planned:

Commercial troll: Closure in northern Hecate Strait (Areas 104 and a portion of 102) from 0001h August 5 to 0001h August 19.

Actual:

Closed from 0001h August 5 to 2359h August 13.

Our minimum escapement requirements, which we define as an index of 66 at the Tye test fishery by August 24, were met. The index on August 24 stood at 76.12.

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cumulative
July 13	.2	.2	.46	.46
July 20	1.8	2.0	3.73	4.19
July 27	4.4	6.4	6.14	10.33
August 03	13.1	19.5	12.79	23.12
August 10	17.6	37.1	16.84	39.96
August 17	17.0	54.1	16.08	56.04
August 24	11.9	66.0	20.08	76.12

In our last fishery of the year, on September 10/11, we actually were targetting coho, and so the mesh restriction of 137mm was dropped.

PINK

Management switched to pink salmon beginning on August 04. CPUE's at that time, very early in the run, were already high, and the run was showing signs of strength. Peak of the run occurred on the week of August 12-18, as expected. However, the run was much stronger than predicted. Escapement past the test fishery was estimated in-season to be 1.8 million, but was discovered to be 2.6 million when all the systems were enumerated. Catch was 904,391, which was considerably more than our point projection of 650,000, but within our predicted range of 500,000 to 1M. When concern for coastal pinks grew, the boundary around Porcher Island and outside Moore Cove Creek and Oona River was implemented, beginning on August 16 this year.

The major problem we had with harvesting the pinks this year was the lack of fleet, with the majority of boats moving south to take advantage of the strong Adams River sockeye run. Only twelve seines participated in our special seine fishery. During the week of August 26-September 01, we allowed gillnets to fish 5 days, the first time this has happened since 1984. Even with 5 gillnet days and 3 seine days during this week, we only had 101 gillnet boat days, and 1 seine boat day.

Another problem was the refusal of the gillnet advisors to accept a smaller mesh size in August, one that would be more effective for pink salmon. This proposal was advanced well before the 1990 season, and put to the North Coast Advisory Board. They voted unanimously not to implement this for 1990, and instead opted for a gillnet test study. This study proceeded during July and August with 5 gillnets of varying construction.

Allocation in 1990 for pink was set pre-season at: gillnet 22%, seine 78%. Actual split was gillnet 33%; seine 67%.

CHUM

As expected, there was no surplus of chum salmon this year. Our catch of 27,715 was considerably below the 15 year average of 51,313. Our escapement of 6043 was the lowest since 1983. Due to the weakness of the catch, our special seine fishery this year included the non-retention of chum.

CHINOOK

The chinook catch this year of 10,027 was above the 15 year average of 9,204, but considerably below the high 1988 catch of 21,331. The catch was lower than in recent years due to the limited time we fished in the early part of the season, with the first four openings being only one day each.

5. SPORT FISHERY:

Tidal:

Catch:	Sockeye	Coho	Pink	Chum	Chinook
1990	200	5000	3000	25	2600
1989	250	3500	5000	10	2500
1988	150	1500	6000	25	4200
1987	100	2500	7000	0	3750
1986	50	4000	5000	0	3200
1985	40	2500	3500	0	2500

The catch estimates shown above are estimates calculated by Fishery Officers. In 1990, a sport fish creel census was conducted during the months of July and August. The estimate from this census was nearly identical to the Fishery Officer estimate, at 200-5000-2200-25-950. The chinook estimate from the census was much lower due to the fact that when they started, on July 1, the major part of the chinook run was over.

This year most of the sockeye catch occurred near the entrance to Shawatlans. Also, a small sockeye fishery takes place near Smith and Kennedy Islands.

Coho catches were up in 1990 compared to recent years. Abundance of coho was up this year with the result that fishermen generally spent more time fishing coho. Catches were very good at Lucy Island and Stephens Island throughout the latter part of July and through August.

Pink catches were down from last year, probably due to more effort being directed toward the excellent coho run.

Chinook catch was slightly higher than last year. This year, chinook catch in tidal water was restricted to two per day during the summer, as opposed to four per day in previous years. This was due to the sport ceiling in the north coast area of 42,000 pieces this year, and the fear that the large catch at Langara Island would put us over this number if no restrictions were implemented.

Catches were calculated from a limited number of checks on the water by Fishery Officers and charter patrolmen.

Non-tidal:

Catch 1990	Coho	Chinook
Area 4/W.F.	550	15
Terrace	3500	2000
Hazelton	450	625
Smithers	126	1020
-----	-----	-----
Total	4626	3660

Average catch - 1985-1989 (5 year average)

	Coho	Chinook
Area 4/W.F.	286	75
Terrace	1450	1700
Hazelton	210	215
Smithers	77	1083
-----	-----	-----
Total	2023	3073

The catch from each of the four areas is calculated by the Fishery Officers responsible, with the Area 4/W.F. being a combination of two sub-districts.

Chinook catches in Area 4 take place in the Ecstall River. This year, all the fish were caught in the two weeks immediately prior to the August 01 closure for large chinook. A guardian was in place for the last two weeks of July and the first week of August this year.

6. INDIAN FOOD FISHERY:

Total Indian Food Fish Catch On All The Skeena River

1990	S/D	Sockeye	Coho	Pink	Chum	Chinook	Steelhead
	-----	-----	-----	-----	-----	-----	-----
	Area 4	26777	64	400	180	3452	106
	Terrace	15400	370	2965	70	1660	200
	Hazelton	88000	2200	30000	500	5500	unk
	Smithers	24578	5908	10000	0	12355	1500
	TOTAL	154755	8542	43365	750	22967	1806
1975-1989 average:	Total	138385	9711	31745	997	9726	5004

Estimates of catch are calculated by the S/D Fishery Officer in each of the areas mentioned above. See attached summary of Area 4 tidal Indian Food Fishery.

Sockeye catches are slightly above the fifteen year average, but below the higher years of the 1980's, which peaked in 1985 with a catch of 208,080.

Coho catch is lower than the fifteen year average, which is mainly due to the decreased abundance of coho. In the Hazelton and Smithers sub-districts (Gitksan-Wet'suwet'en) there was one 3-day closure on Aug. 7, 8, and 9. This compares to three 3-day closures last year. The Moricetown Band was again allowed to fish with dip-nets during the closure, with non-retention of coho.

Pink catch was above the average, and reflects the abundance of these fish in the river this year.

Chum catch was very low, again reflecting the lack of fish in the river this year.

Chinook catch was well above the average, and up again from last year. This year's catch surpassed the high 1986 chinook catch of 19,933.

Steelhead abundance in the Skeena this year was low, and the IFF catch reflects this. Smithers S/D declined to put an estimate on the steelhead catch, so it is hard to compare with other years. However, the catch is well below the average of 5,004.

7. WEEKLY NET CATCH:
(attached)

8. ESCAPEMENTS:

	Sockeye	Coho	Pink	Chum	Chinook
1990	989,482	78,102	2,613,020	6,043	55,976
1975-1989 av.	1,041,312	32,489	1,603,743	18,569	35,211

Sockeye

TEST INDEX

Comparisons are standardized to August 24, since in some years this was the last day of the test fishery. Index at that time was 1101.68, which is the lowest since 1970. 15 year average index is 1526.71.

ENUMERATION

Total escapement (989,482) is slightly below the 10 year average (1,041,312), the management target (1,000,000), and the stream by stream target (1,022,385). Club Creek Upper and Club Creek lower both reached their target escapement (Kispiox Sub-area; 3500 and 2500 respectively). Kitwanga received 500 sockeye (Other Middle Skeena Sub-area; target 400). Other than that, the returns to Pinkut, Fulton, and Babine Lake, all enhanced stocks (Babine Lake includes stocks that cannot get into the spawning channels once the gates are closed), all did well again

this year, exceeding their targets. No other stocks received their target escapements.

Key Stream	Target Esc.	Current Year Esc.
Babine River	200000	150000
Club Creeks	6000	6000
Fulton River & Channels	220000	447193
Morrison Creek	20000	4500
Pierre Creek	25000	4300
Pinkut Creek & Channel	130000	171440
Shawatlan Creek	5000	3000
Southend Creek	15000	3000
Williams Creek	15000	650

Coho

TEST INDEX

Index was 76.12, compared to 15 year average of 61.50. Index was fourth highest in last 15 years, and considerably above the brood year of 1987, which had an index of 29.71.

ENUMERATION

Coho escapement information for the Skeena River system and coastal area is considered poor, as weather and water conditions restrict the accuracy of enumeration, and thus only a limited amount of escapement monitoring is conducted. In spite of this, there appears to be good escapements in most of the lower systems this year. Total Skeena escapement is highest since 1970. Kitwanga and Toboggan Creeks exceeded their escapements this year.

Key Stream	Target Esc.	Current Year Esc.
Babine River	10000	4992
Clearwater Creek	1000	400
Diana Creek	3500	2000
Dry Creek	500	500
Kispiox River	7500	3000
Kitwanga River	2000	2500
Nangeese River	750	650
Toboggan Creek	2000	3240

Pink

TEST INDEX

Index was 849.49, compared to an even year average of 604.58 over the last 15 years. 1986 had a slightly higher index, but this year's was almost double the 1988 brood year, which had an index of 446.57.

ENUMERATION

Total Pink escapement (2,613,020) is the largest even year escapement in the last 15 years. Over-escapements occurred on most streams, and in particular on most key streams. Most of the coastal streams got good numbers of pinks again this year. This is the second year that the boundary around Porcher, and in front of Oona River and Moore Cove Creek, put in place in mid-August, has been used. It appears that this boundary has worked well. After years of depressed runs, the systems affected by this closure have received two years of good escapements. Oona River went from a brood escapement of 5000 to this year's 30,000. Moore Cove Creek went from 35,000 to 50,000. Spiller River went from 2,000 to 15,000. Humpback creek went from 4500 to 10,000. Useless Creek went from 3200 to 10,500.

Key Stream	Target Esc.	Current Year Esc.
Babine River	150000	425785
Kispiox River	200000	20000
Kitwanga River	250000	275000
La Hou Creek	25000	2000
Lakelse River	500000	1500000
Moore Cove Creek	75000	50000

Chum

TEST INDEX

The test index indicated low returns of chum all year, and we ended with an index of 25.43, compared to a 15 year average of 51.48. Although this was low, it was above the brood year of 1986, which had an index of 18.46.

ENUMERATION

Total chum escapements, at 6,043, were significantly lower than the target of 54,952, and were well below the fifteen year average escapement of 18,569.

Key Stream	Target Esc.	Current Year Esc.
Andeside Creek	500	20
Ecstall River	20000	2500
Kispiox River	5000	400
Kitwanga River	5000	1500

Chinook

TEST INDEX

Our index this year of 218.58 is well above the 15 year average of 149.18, but still behind the big years of '86, '87, and '88. The jack index of 35.92 was slightly higher than the 15 year average of 30.86.

ENUMERATION

Total chinook escapement is 55,976, which is above the 15 year average of 35,211, and continues the trend of escapements since 1985, when they increased to the mid 50's. The target escapement is 97,710.

Key Stream	Target Esc.	Current Year Esc.
Babine River	7000	1603
Bear River	12500	10000
Cedar River	3000	1000
Johnston Creek	3500	300
Kispiox River	7500	4500
Kitsumkalum River	15000	20415
Morice River	15000	12000

Steelhead

TEST INDEX

Test index of 82.98 was below the 15 year average of 100.12. In the last 15 years, there were 9 better years and 6 worse years.

9. Current Year Escapement By Stream:

(attached)

AREA 4 COMMERCIAL NET CATCH - 1990

DATE	GN	SN	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JK. CK.	STHD
June 25/26	392		7677	238	176	214	1260	251	129
TFW Jun 30	392		7677	238	176	214	1260	251	129
July 1/2	452		10385	1263	1237	2346	1935	255	69
TFW Jul 7	452		10385	1263	1237	2346	1935	255	69
TTD	844		18062	1501	1413	2560	3195	506	198
July 8/9	456		16950	785	872	699	1669	355	158
TFW Jul 14	456		16950	785	872	699	1669	355	158
TTD	1300		35012	2286	2285	3259	4864	861	356
July 15/16	676		53981	2300	6365	2861	1654	343	252
Jul 21(6hr)	698		49130	1268	5012	1052	333	30	109
July 21/22	698		88705	3191	13011	3208	529	178	412
TFW Jul 21	2072		191816	6759	24388	7121	2516	551	773
TTD	3372		226828	9045	26673	10380	7380	1412	1129
July 23	698		58962	1970	15580	2038	539	146	342
July 24	698		63763	2980	16630	2165	542	194	494
Jul 28(6hr)	870		53109	1306	17370	1082	137	23	329
July 28/29	867		89687	3497	55246	1806	307	65	556
TFW Jul 28	3133		265521	9753	104826	7091	1525	428	1721
TTD	6505		492349	18798	131499	17471	8905	1840	2850

July 30	867		90361	2277	63554	1563	203	38	468
August 4/5	596		52354	3687	118599	1585	160	43	499

TFW Aug 4	1463		142715	5964	182153	3148	363	81	967

TTD	7968		635064	24762	313652	20619	9268	1921	3817
=====									
August 6	444		28732	2713	62809	1373	130	23	241
		18	3290	275	32759	336	31	0	0
August 7	347		28135	4274	71500	944	114	23	234
		17	2092	1365	31111	388	111	0	0
August 11/12	255		24107	2467	77876	712	81	14	214

TFW Aug 11	1046	35	86356	11094	276055	3753	467	60	689

TTD GN	9014		716038	34216	525837	23648	9593	1981	4506
TTD SN		35	5382	1640	63870	724	142	0	0
TTD ALL			721420	35856	589707	24372	9735	1981	4506
=====									
August 13	232		21016	2367	65313	545	44	30	114
August 14	224		18138	1757	59964	409	35	7	251
August 15	170		10452	1129	44756	299	34	1	121
		11	458	126	12521	317	56	0	19
August 16/17 (28 hr)		12	1473	0	28951	0	0	0	0
August 18/19	97		3939	1559	26549	265	64	6	137

TFW Aug 18	723	23	55476	6938	238054	1835	233	44	642

TTD GN	9737		769583	41028	722419	25166	9770	2025	5129
TTD SN		58	7313	1766	105342	1041	198	0	19
TTD ALL			776896	42794	827761	26207	9968	2025	5148
=====									
August 20	72		1925	764	16129	379	15	0	121
August 21	63		1647	759	15317	301	6	0	75
August 22	39		1949	643	18038	272	5	1	27

TFW Aug 25	174		5521	2166	49484	952	26	1	223

TTD GN	9911		775104	43194	771903	26118	9796	2026	5352
TTD SN		58	7313	1766	105342	1041	198	0	19
TTD ALL			782417	44960	877245	27159	9994	2026	5371
=====									

August 26/27	43		1150	468	7563	131	4	0	61
August 28	18		279	182	2616	34	0	0	29
August 29	18		430	239	3446	24	1	0	27
		1	50	50	1900	0	0	0	0
August 30	11		153	163	3153	23	2	3	14
August 31	11		66	130	808	15	2	0	7

TFW Sep 1	101	1	2128	1232	19486	227	9	3	138
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TTD GN	10012		777182	44376	789489	26345	9805	2029	5490
TTD SN		59	7363	1816	107242	1041	198	0	19
TTD ALL			784545	46192	896731	27386	10003	2029	5509

Sep 2/3	30		323	750	2479	95	7	1	44
Sep 4	28		461	784	2779	72	5	5	27
		1	0	0	10	0	1	0	0
Sep 5	21		129	564	977	38	4	0	27
Sep 6	26		188	668	1293	76	7	0	36

TFW Sep 8	105	1	1101	2766	7538	281	24	6	134
-----------	-----	---	------	------	------	-----	----	---	-----

TTD GN	10117		778283	47142	797017	26626	9828	2035	5624
TTD SN		60	7363	1816	107252	1041	199	0	19
TTD ALL			785646	48958	904269	27667	10027	2035	5643

Sep 10/11	29		29	429	122	48	0	0	5
-----------	----	--	----	-----	-----	----	---	---	---

TFW Sep 15	29		29	429	122	48	0	0	5
------------	----	--	----	-----	-----	----	---	---	---

TTD GN	10146		778312	47571	797139	26674	9828	2035	5629
TTD SN		60	7363	1816	107252	1041	199	0	19
TTD ALL			785675	49387	904391	27715	10027	2035	5648

AREA 4

1990 ESCAPEMENT

SUB-AREA	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK !
COASTAL	! 9050 !	! 17470 !	! 141100 !	! 2512 !	! 1600 !
LAKELSE	! 1380 !	! 17570 !	! 1505020 !	! 0 !	! 120 !
KITSUMKALUM	! 1700 !	! 7245 !	! 3550 !	! 50 !	! 21535 !
OTHER LOWER SKEENA	! 5000 !	! 15180 !	! 161400 !	! 1235 !	! 700 !
KISPIOX	! 6000 !	! 5000 !	! 25700 !	! 620 !	! 5050 !
BULKLEY/MORICE	! 6000 !	! 5715 !	! 57102 !	! 0 !	! 12660 !
OTHER MIDDLE SKEENA	! 2200 !	! 4200 !	! 292500 !	! 1625 !	! 2697 !
BABINE	! 956562 !	! 5512 !	! 426173 !	! 1 !	! 1604 !
BEAR	! 1590 !	! 210 !	! 475 !	! 0 !	! 10010 !
TOTAL:	! 989482 !	! 78102 !	! 2613020 !	! 6043 !	! 55976 !

LOWER SKEENA AND WATERFRONT SUB-DISTRICTS

1990 ESCAPEMENT

STREAM	! SOCKEYE !	! COHO !	! PINK !	! CHUM !	! CHINOOK !
=====					
COASTAL SUB-AREA					

Big Falls Creek	!	!	0 !	0 !	0 !
Big Useless Creek	!	!	10500 !	!	!
Chismore Creek	!	!	1500 !	!	!
Denise Creek	!	!	100 !	!	!
Diana Creek	!	3500 !	2000 !	!	!
Ecstall River	!	50 !	10000 !	10000 !	2500 !
Hays Creek	!	!	N.I. !	!	!
Hayward Creek	!	!	N.O. !	N.O. !	!
Humpback Creek	!	!	N.O. !	10000 !	!
Hunts Creek	!	!	800 !	!	!
Johnston Creek	!	!	N.O. !	200 !	N.O. !
Johnston Lake	!	N.O. !	N.O. !	N.O. !	N.O. !
Khyex River	!	!	N.I. !	N.I. !	N.I. !
Kloiya River	!	!	1000 !	2 !	100 !
La Hou Creek	!	!	PRESENT !	2000 !	!
Little Useless Creek	!	!	1400 !	!	!
Lockerby Creek	!	!	N.O. !	N.O. !	!
McNeil River	!	!	N.I. !	!	!
McNichol Creek	!	!	6500 !	!	!
Madeline Creek	!	!	0 !	0 !	!
Moore Cove Creek	!	!	N.O. !	50000 !	!
Muddy Creek	!	!	0 !	!	!
Oldfield Creek	!	!	N.I. !	!	!
Oona River	!	!	450 !	30000 !	!
Prudhomme Creek	!	2500 !	2000 !	!	!
Shawatlan Creek	!	3000 !	3000 !	800 !	10 !
Silver Creek	!	!	20 !	1300 !	!
Sparkling Creek	!	!	0 !	0 !	!
Spiller River	!	!	N.O. !	15000 !	!
=====					
TOTAL:	!	9050 !	17470 !	141100 !	2512 !
	!				1600 !

TERRACE SUB-DISTRICT

1990 ESCAPEMENT

STREAM	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK
LAKELSE SUB-AREA					
Andalas Creek	!	150 !	!	!	!
Blackwater Creek	150 !	100 !	!	!	!
Clearwater Creek	!	400 !	!	!	!
Coldwater Creek	!	300 !	3500 !	!	20
Granite Creek	!	!	!	!	!
Hatchery Creek	!	!	20 !	!	!
Herman Creek	!	100 !	!	!	!
Hotspring Slough	!	!	!	!	!
Lakelse River	!	15000 !	1500000 !	!	100
Mink Creek	!	!	!	!	!
North Hatchery Creek	!	!	!	!	!
Schulbuckhand Creek	550 !	400 !	500 !	!	!
Sockeye Creek	30 !	500 !	!	!	!
White Creek	!	20 !	1000 !	!	!
Williams Creek	650 !	600 !	!	!	!
TOTAL:	1380 !	17570 !	1505020 !	0 !	120
KITSUMKALUM SUB-AREA					
Cedar River	200 !	500 !	!	!	1000
Clear Creek	!	150 !	!	!	120
Deep Creek	!	200 !	50 !	!	!
Dry Creek	!	500 !	!	!	!
Glacier Creek	!	40 !	!	!	!
Goat Creek	!	15 !	!	!	!
Kitsumkalum Lake	1500 !	!	!	!	!
Kitsumkalum River(Lower)	!	5000 !	3500 !	50 !	20415
Kitsumkalum River(Upper)	!	500 !	!	!	!
Lean-to Creek	!	40 !	!	!	!
Spring Creek	!	100 !	!	!	!
Star Creek	!	200 !	!	!	!
TOTAL:	1700 !	7245 !	3550 !	50 !	21535
OTHER LOWER SKEENA SUB-AREA					
Alastair Lake	2000 !	200 !	!	!	!
Alwyn Creek	!	!	!	!	!
Andeside Creek	!	!	2500 !	20 !	!
Dog-Tag (& Clay) Creek	!	300 !	200 !	!	20
Erlandsen Creek	!	50 !	100 !	10 !	30
Esker Slough	!	10 !	!	!	!
Exchamsiks River	!	3000 !	1000 !	!	25
Exstew River	!	500 !	2000 !	75 !	20
Exstew Slough	!	!	!	!	!
Gitnadoix River	!	3500 !	1000 !	100 !	10
Kadeen Creek	!	100 !	!	!	25
Kasiks River	!	3500 !	1000 !	20 !	50
Kwinitsa River	!	!	!	!	!

TERRACE SUB-DISTRICT

1990 ESCAPEMENT

STREAM	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK
=====					
OTHER LOWER SKEENA SUB-AREA CONT.					

Magar Creek	!	250 !	!	!	120
Middle Creek	!	20 !	100 !	10 !	
Molybdenum Creek	!	!	!	!	
Scotia River	!	1000 !	!	!	
Shames River	!	50 !	2500 !	!	
Shames Slough	!	!	!	!	
Skeena River	!	!	150000 !	1000 !	400
Southend Creek	!	3000 !	200 !	!	
Thornhill Creek	!	1000 !	!	!	
Zymagotitz River	!	1500 !	1000 !	!	
TOTAL:	!	5000 !	15180 !	161400 !	1235 !
=====					

HAZELTON SUB-DISTRICT
1990 ESCAPEMENT

STREAM	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK !
KISPIOX SUB-AREA					
Beaverlodge Creek	!	25 !	!	!	!
Big Fish Creek	!	N.I. !	!	!	!
Clifford Creek	!	450 !	2000 !	!	!
Club Creek (Lower)	3500 !	N.O. !	!	!	!
Club Creek (Upper)	2500 !	!	!	!	!
Cullon Creek	!	!	150 !	!	!
Date Creek	!	!	1000 !	100 !	50 !
Falls Creek	N.I. !	N.I. !	!	!	!
Footsore Creek	!	N.O. !	!	!	!
Hodder Creek	!	PRESENT !	!	!	!
Ironside Creek	!	250 !	100 !	!	!
Kisplox River	!	3000 !	20000 !	400 !	4500 !
Little Fish Creek	!	N.O. !	!	!	!
McCully Creek	!	!	700 !	45 !	N.O. !
McQueen Creek	!	150 !	200 !	!	N.O. !
Murder Creek	!	N.O. !	!	!	!
Nangeese River	!	650 !	500 !	75 !	250 !
Skunsnat Creek	!	50 !	300 !	!	!
Stephens Creek	!	75 !	!	!	50 !
Sweetin River	!	350 !	700 !	!	200 !
Twin Creek	!	N.O. !	50 !	!	!
Upper Footsore Creek	!	N.O. !	!	!	!
TOTAL:	6000 !	5000 !	25700 !	620 !	5050 !
OTHER MIDDLE SKEENA SUB-AREA					
Burdick Creek	!	!	500 !	!	!
Chicago Creek	!	N.I. !	2000 !	PRESENT !	!
Chindemash Creek	!	!	!	!	!
Comeau Creek	!	!	2000 !	!	10 !
Deep Canyon Creek	!	!	500 !	!	!
Fiddler Creek	!	!	!	!	!
Glen Vowel Creek	!	N.I. !	!	!	!
Hazelton Creek	!	!	350 !	!	!
Kitsegucla River	!	150 !	2500 !	25 !	75 !
Kitsuns Creek	200 !	!	!	!	!
Kitwanga River	500 !	2500 !	275000 !	1500 !	2000 !
Kleanza Creek	!	200 !	250 !	!	12 !
Legate Creek	!	!	!	!	!
Lowrie Creek	!	!	!	!	!
Moonlit Creek	!	!	1200 !	!	!
Price Creek	!	!	500 !	!	!
Shandilla Creek	!	!	500 !	!	!
Shannon Creek	!	!	!	!	!
Shegunia River	!	250 !	4000 !	!	100 !
Singlehurst Creek	!	100 !	700 !	!	!
Wilson Creek	!	!	!	!	!
Zymoetz River (Lower)	!	1000 !	2500 !	100 !	500 !
Zymoetz River (Upper)	1500 !	N.O. !	!	!	!
TOTAL:	2200 !	4200 !	292500 !	1625 !	2697 !

SMITHERS SUB-DISTRICT

1990 ESCAPEMENT

=====

STREAM	SOCKEYE	COHO	PINK	CHUM	CHINOOK
BULKLEY/MORICE SUB-AREA					
Atna Lake	N.I.				
Atna River		N.I.			
Buck Creek		N.O.	N.O.		100
Bulkley River (Lower)		N.O.	5000		120
Bulkley River (Upper)	0	965	0		300
Canyon Creek		N.I.			
Casqua Creek		N.O.			
Driftwood Creek		N.I.			
Gosnell Creek		400	100		
Harold Price Creek		N.O.	N.O.		N.O.
Kathlyn Creek		N.I.	N.I.		
Maxan Creek	N.I.	N.I.			
Morice Lake	N.I.	N.I.			
Morice River	N.O.	400	50000		12000
Nanika River	6000	N.O.	N.O.		120
Owen Creek		N.I.	N.I.		
Reister Creek		10			N.I.
Richfield Ck. (Finlay Ck.)		N.I.			N.I.
Station Creek			2000		
Suskwa River		700			20
Telkwa River		N.I.			
Thautil River		N.I.			
Toboggan Creek		3240	2		
Trout Creek		N.I.	N.I.		
TOTAL:	6000	5715	57102	0	12660

STREAM	SOCKEYE	COHO	PINK	CHUM	CHINOOK
BABINE SUB-AREA					
Babine Lake	154819				
Babine River (sec 1-3)	150000				
Babine River (sec 4)	10000	4992	425785	1	1603
Babine River (sec 5)	N.I.	N.I.	N.I.	N.I.	N.I.
Boucher (McDonald) Creek	N.I.	N.I.	N.I.		N.I.
Donalds Creek	N.O.				
Five-mile Creek	N.I.				
Four-mile Creek	1800				
Fulton River	172904	500	360		1
i) Fulton-Sp.Ch.#1	16181				
ii) Fulton-Sp.Ch.#2	108108				
iii) Fulton R.(below fen.)	150000				
Gull Wing (Six mile) Ck.	230				
Hazelwood Creek	N.I.				
Morrison Creek	4500	N.O.	N.O.		
Nichyeskwa River	N.I.	N.I.	N.I.		N.I.
Nilkitkwa River (Onerka Lk)	N.O.	N.O.			N.O.
Nine-mile Creek	N.I.	N.I.	N.I.		
Pendelton Creek	200				

SMITHERS SUB-DISTRICT CONT.

1990 ESCAPEMENT

=====

STREAM	SOCKEYE	COHO	PINK	CHUM	CHINOOK

BABINE SUB-AREA CONT.					

Pierre Creek	4300	20	8		
Pinkut Creek	85047				
i) Pinkut-Sp.Ch.	69715				
ii) Airlifted-above fence	16678				
Salmon (Tahlo Upper) Ck.	N.O.				
Shass (Grizzly) Creek	2500	N.O.			
Sockeye Creek	N.O.				
Sutherland River	N.I.				
Tachek Creek	130	N.O.			
Tahlo Creek (Lower)	1450	N.O.			
Tsezakawa Creek		N.I.			
Twain Creek	8000	N.O.	20		

TOTAL:	956562	5512	426173	1	1604

STREAM	SOCKEYE	COHO	PINK	CHUM	CHINOOK

BEAR SUB-AREA					

Asitka Lake	130				
Azuklotz Creek	1000	N.O.			
Bear Lake	N.O.	N.O.			N.O.
Bear River	200	200	400		10000
Deep Canoe Creek			75		10
Johanson Creek and Lake	70	10			N.O.
Kluatantan Lake	N.I.				
Kluayaz Lake and Creek	N.I.	N.I.			
Moosevale Creek		N.I.			
Motase Creek & Lake	30	N.O.			
Salix Creek	60	N.O.			
Slangeesh River	N.I.	N.I.	N.I.		N.I.
Sustut Lake and River	100	N.O.			N.O.

TOTAL:	1590	210	475	0	10010
=====					

NOTE: N.O. = None Observed

N.I. = Not Inspected

NOTE: *** Represents the fact these salmonids are present, no estimate.

APPENDIX I

DAILY RECORD OF MORNING HAILS

APPENDIX I

DAILY RECORD OF MORNING HALTS

Fishing Period: (1800h June 25 to 0600h June 26)

	GEAR		GN	AVE	TOTAL	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD										
1) 4-12part,4-15GN River/Gap/Slough	89	26		20.04	1784	0.23	0.04	0.00	6.00	1.12	0.42	
						4	0	534	100	37		
			TOTAL ALL	1784	20	4	0	534	100	37		
2) 4-12 Smith Is.	GN	181	38	12.50	2263	0.26	0.37	0.03	1.47	0.32	0.37	
						47	67	5	266	58	67	
			TOTAL ALL	2263	47	67	5	266	58	67		
3) 4-4,4-9 Chatham Sd.	SN			SN AVE	SN TOTAL	0	0	0	0	0	0	0
	GN	78	19	9.58	747	1.00	0.68	0.68	0.63	0.32	0.00	
						78	53	53	49	25	0	
			TOTAL ALL	747	78	53	53	49	25	0		
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE	SN TOTAL	0	0	0	0	0	0	0
	GN	44	12	10.50	462	1.33	0.00	1.08	0.42	0.00	0.00	
						59	0	48	18	0	0	
			TOTAL ALL	462	59	0	48	18	0	0		
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE	SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE	GN TOTAL	0	0	0	0	0	0	0
						0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens	SN			SN AVE	SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE	GN TOTAL	0	0	0	0	0	0	0
						0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	0	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0	0
	GN	392	95	GN TOTAL	5255	204	124	106	868	183	104	
TOTAL ALL GEAR		392	95	TOTAL ALL	5255	204	124	106	868	183	104	

Fishing Period: (1800h July 1 to 0600h July 2)

		GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		146	43	GN AVE	14.79	0.00	0.00	0.02	4.93	0.23	0.21
				GN TOTAL	2159	0	0	3	720	34	31
				TOTAL ALL	2159	0	0	3	720	34	31

2) 4-12 Smith Is.	GN	184	52	GN AVE	12.50	1.15	0.35	0.19	1.33	0.79	0.17
				GN TOTAL	2300	212	64	35	245	145	31
				TOTAL ALL	2300	212	64	35	245	145	31

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	36	24	GN AVE	12.75	3.33	0.75	0.58	0.58	0.04	0.00
				GN TOTAL	459	120	27	21	21	1	0
				TOTAL ALL	459	120	27	21	21	1	0

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	26	16	GN AVE	13.63	3.63	0.88	3.69	0.56	0.13	0.06
				GN TOTAL	354	94	23	96	15	3	2
				TOTAL ALL	354	94	23	96	15	3	2

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	25	0	GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	35	29	GN AVE	8.24	4.41	4.00	15.86	0.10	0.00	0.00
				GN TOTAL	288	154	140	555	4	0	0
				TOTAL ALL	288	154	140	555	4	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	452	164	GN TOTAL	5561	580	254	710	1003	184	64
TOTAL ALL GEAR		452	164	TOTAL ALL	5561	580	254	710	1003	184	64

Fishing Period: (1800h July 8 to 0600h July 9)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	169	38	GN AVE	11.42	0.03	0.08	0.11	2.50	0.26	0.29	
			GN TOTAL	1930	5	14	19	423	44	49	
			TOTAL ALL	1930	5	14	19	423	44	49	
2) 4-12 Smith Is.	GN	156	42	GN AVE	34.14	0.55	0.40	0.33	0.88	0.12	
				GN TOTAL	5326	86	62	51	137	137	19
				TOTAL ALL	5326	86	62	51	137	137	19
3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	50	20	GN AVE	17.30	4.00	2.50	1.55	0.90	0.10	0.25
				GN TOTAL	865	200	125	78	45	5	13
			TOTAL ALL	865	200	125	78	45	5	13	
4) 4-5,4-8,4-14 SN North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	35	14	GN AVE	16.57	1.21	2.14	3.07	1.07	0.00	0.00
				GN TOTAL	580	42	75	107	37	0	0
			TOTAL ALL	580	42	75	107	37	0	0	
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	23	15	GN AVE	14.20	2.87	12.07	6.00	0.80	0.00	0.00
				GN TOTAL	327	66	278	138	18	0	0
			TOTAL ALL	327	66	278	138	18	0	0	
6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	23	8	GN AVE	24.00	2.63	7.63	0.13	0.00	0.00	0.00
				GN TOTAL	552	60	175	3	0	0	0
			TOTAL ALL	552	60	175	3	0	0	0	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
	GN	456	137	GN TOTAL	9579	460	729	396	661	186	80
TOTAL ALL GEAR		456	137	TOTAL ALL	9579	460	729	396	661	186	80

Fishing Period: (1800h July 15 to 0600h July 16)

		GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough		279	41	GN AVE	56.46	0.46	0.85	0.22	2.46	0.29	0.29
				GN TOTAL	15752	128	237	61	686	81	81
				TOTAL ALL	15752	128	237	61	686	81	81
2) 4-12 Smith Is.		GN 199	42	GN AVE	43.48	1.29	2.17	0.50	0.95	0.00	0.24
				GN TOTAL	8653	257	432	100	189	0	48
				TOTAL ALL	8653	257	432	100	189	0	48
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 89	31	GN AVE	30.58	6.00	7.84	1.29	0.74	0.23	0.06
				GN TOTAL	2722	534	698	115	66	20	5
				TOTAL ALL	2722	534	698	115	66	20	5
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 77	26	GN AVE	37.92	2.04	11.46	9.81	0.46	0.23	0.00
				GN TOTAL	2920	157	882	755	35	18	0
				TOTAL ALL	2920	157	882	755	35	18	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 19	0	GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 13	9	GN AVE	59.00	8.00	59.33	29.78	0.89	0.33	1.33
				GN TOTAL	767	104	771	387	12	4	17
				TOTAL ALL	767	104	771	387	12	4	17
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
		GN 676	149	GN TOTAL	30813	1180	3020	1418	988	123	151
TOTAL ALL GEAR		676	149	TOTAL ALL	30813	1180	3020	1418	988	123	151

Fishing Period: (1800h July 21 to 0600h July 22)

	GEAR		GN	CH	STHD	SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD											
1) 4-12part,4-15GN River/Gap/Slough	300	35	GN AVE			29.60	0.30	2.50	0.30	0.00	0.00	0.40	
			GN TOTAL			8880	90	750	90	0	0	120	
			TOTAL ALL			8880	90	750	90	0	0	120	

2) 4-12 Smith Is.	GN	188	25	GN AVE		117.40	1.90	12.90	1.80	0.50	0.10	0.30	
			GN TOTAL			22071	357	2425	338	94	19	56	
			TOTAL ALL			22071	357	2425	338	94	19	56	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE		0	0	0	0	0	0	0	
	GN	92	23	GN AVE		90.70	3.70	19.50	11.90	0.80	0.30	0.10	
			GN TOTAL			8344	340	1794	1095	74	28	9	
			TOTAL ALL			8344	340	1794	1095	74	28	9	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE		0	0	0	0	0	0	0	
	GN	69	26	GN AVE		16.80	0.30	2.30	1.20	0.10	0.00	0.00	
			GN TOTAL			1159	21	159	83	7	0	0	
			TOTAL ALL			1159	21	159	83	7	0	0	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE		0	0	0	0	0	0	0	
	GN	11	0	GN AVE		31.25	9.30	8.50	4.00	0.30	0.00	1.00	
			GN TOTAL			344	102	94	44	3	0	11	
			TOTAL ALL			344	102	94	44	3	0	11	

6) 4-2,4-3 Outside Stephens	SN			SN AVE		0	0	0	0	0	0	0	
	GN	38	4	GN AVE		31.25	9.30	8.50	4.00	0.30	0.00	1.00	
			GN TOTAL			1188	353	323	152	11	0	38	
			TOTAL ALL			1188	353	323	152	11	0	38	

TOTAL ALL	SN	0	0	SN TOTAL		0	0	0	0	0	0	0	
	GN	698	113	GN TOTAL		41986	1264	5544	1802	189	46	235	
TOTAL ALL GEAR		698	113	TOTAL ALL		41986	1264	5544	1802	189	46	235	

Fishing Period: (1800h July 22 to 0600h July 23)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough	150	25	GN AVE	36.50	0.30	4.80	0.10	0.50	0.10	0.30	
			GN TOTAL	5475	45	720	15	75	15	45	
			TOTAL ALL	5475	45	720	15	75	15	45	

2) 4-12 Smith Is.	GN	271	46	GN AVE	40.80	1.40	7.10	0.80	0.20	0.10	0.20
				GN TOTAL	11057	379	1924	217	54	27	54
			TOTAL ALL	11057	379	1924	217	54	27	54	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	125	30	GN AVE	30.42	0.96	14.01	1.94	0.24	0.16	0.08
				GN TOTAL	3803	120	1751	243	30	20	10
			TOTAL ALL	3803	120	1751	243	30	20	10	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	59	12	GN AVE	30.10	1.00	5.30	2.30	0.10	0.10	0.00
				GN TOTAL	1776	59	313	136	6	6	0
			TOTAL ALL	1776	59	313	136	6	6	0	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	15	7	GN AVE	71.00	5.30	50.90	11.60	0.30	0.00	0.00
				GN TOTAL	1065	80	764	174	5	0	0
			TOTAL ALL	1065	80	764	174	5	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	78	30	GN AVE	72.30	2.60	15.50	3.90	0.30	0.30	0.00
				GN TOTAL	5639	203	1209	304	23	23	0
			TOTAL ALL	5639	203	1209	304	23	23	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
	GN	698	150	GN TOTAL	28815	886	6681	1088	193	91	109
TOTAL ALL GEAR		698	150	TOTAL ALL	28815	886	6681	1088	193	91	109

Fishing Period: (1800h July 23 to 0600h July 24)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part, 4-156N River/Gap/Slough	75	15	GN AVE	29.70	0.40	8.50	0.30	1.00	0.00	0.30
			GN TOTAL	2228	30	638	23	75	0	23
			TOTAL ALL	2228	30	638	23	75	0	23
2) 4-12 Smith Is.	GN 298	48	GN AVE	40.90	1.80	6.10	0.60	0.20	0.10	0.30
			GN TOTAL	12188	536	1818	179	60	30	89
			TOTAL ALL	12188	536	1818	179	60	30	89
3) 4-4, 4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 150	32	GN AVE	33.70	4.20	21.20	1.60	0.50	0.30	0.10
			GN TOTAL	5055	630	3180	240	75	45	15
			TOTAL ALL	5055	630	3180	240	75	45	15
4) 4-5, 4-8, 4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 48	16	GN AVE	27.70	0.30	1.10	1.10	0.00	0.00	0.00
			GN TOTAL	1330	14	53	53	0	0	0
			TOTAL ALL	1330	14	53	53	0	0	0
5) 4-1, 4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 26	10	GN AVE	71.40	2.80	28.90	4.80	0.40	0.10	0.20
			GN TOTAL	1856	73	751	125	10	3	5
			TOTAL ALL	1856	73	751	125	10	3	5
6) 4-2, 4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 101	34	GN AVE	71.40	2.80	28.90	4.80	0.40	0.10	0.20
			GN TOTAL	7211	283	2919	485	40	10	20
			TOTAL ALL	7211	283	2919	485	40	10	20
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
	GN 698	155	GN TOTAL	29868	1566	9358	1104	260	88	152
TOTAL ALL GEAR	698	155	TOTAL ALL	29868	1566	9358	1104	260	88	152

Fishing Period: (1800h July 28 to 0600h July 29)

	GEAR DPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough	245	20	GN AVE	86.05	0.65	42.22	0.15	0.02	0.00	0.40
			GN TOTAL	21082	159	10344	37	5	0	98
			TOTAL ALL	21082	159	10344	37	5	0	98
2) 4-12 Smith Is.	GN 403	33	GN AVE	55.21	1.94	28.67	0.06	0.21	0.00	0.45
			GN TOTAL	22250	782	11554	24	85	0	181
			TOTAL ALL	22250	782	11554	24	85	0	181
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 148	48	GN AVE	34.44	9.13	38.44	2.58	0.38	0.15	0.27
			GN TOTAL	5097	1351	5689	382	56	22	40
			TOTAL ALL	5097	1351	5689	382	56	22	40
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 28	6	GN AVE	58.41	0.74	13.80	1.00	0.22	0.00	0.68
			GN TOTAL	1635	21	386	28	6	0	19
			TOTAL ALL	1635	21	386	28	6	0	19
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 4	3	GN AVE	24.00	3.67	86.67	13.67	0.67	0.00	0.33
			GN TOTAL	96	15	347	55	3	0	1
			TOTAL ALL	96	15	347	55	3	0	1
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 42	9	GN AVE	3.40	0.56	1.00	0.67	0.00	0.00	0.00
			GN TOTAL	143	24	42	28	0	0	0
			TOTAL ALL	143	24	42	28	0	0	0
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
	GN 870	119	GN TOTAL	50303	2351	28362	554	155	22	340
TOTAL ALL GEAR	870	119	TOTAL ALL	50303	2351	28362	554	155	22	340

Fishing Periods: (1800h July 29 to 0600h July 30)

	GEAR DPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough	245	38	GN AVE	96.95	2.29	91.53	0.21	0.05	0.00	0.61
			GN TOTAL	23753	561	22425	51	12	0	149
			TOTAL ALL	23753	561	22425	51	12	0	149

2) 4-12 Smith Is.	GN 375	46	GN AVE	20.63	0.63	20.98	0.24	0.02	0.04	0.13
			GN TOTAL	7736	236	7868	90	8	15	49
			TOTAL ALL	7736	236	7868	90	8	15	49

3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 168	53	GN AVE	44.17	2.34	44.60	1.68	0.57	0.04	0.21
			GN TOTAL	7421	393	7493	282	96	7	35
			TOTAL ALL	7421	393	7493	282	96	7	35

4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 46	0	GN AVE	39.40	0.60	1.20	5.40	0.20	0.00	0.00
			GN TOTAL	1812	28	55	248	9	0	0
			TOTAL ALL	1812	28	55	248	9	0	0

5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 4	0	GN AVE	25.60	1.60	25.00	5.00	0.30	0.00	1.00
			GN TOTAL	102	6	100	20	1	0	4
			TOTAL ALL	102	6	100	20	1	0	4

6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 29	3	GN AVE	25.60	1.60	25.00	5.00	0.30	0.00	1.00
			GN TOTAL	742	46	725	145	9	0	29
			TOTAL ALL	742	46	725	145	9	0	29

TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	47.9	1.5	44.6	1.0	0.2	0.0	0.3
	GN 867	140	GN TOTAL	41567	1271	38665	837	135	22	266
TOTAL ALL GEAR	867	140	TOTAL ALL	41567	1271	38665	837	135	22	266

Fishing Period: (1800h August 4 to 0600h August 5)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	284	44	GN AVE	45.05	2.80	160.41	0.98	0.23	0.00	0.32	
			GN TOTAL	12794	795	45556	278	65	0	91	
			TOTAL ALL	12794	795	45556	278	65	0	91	

2) 4-12 Smith Is.	GN	154	44	GN AVE	42.86	3.09	101.02	1.27	0.07	0.09	0.57
				GN TOTAL	6600	476	15557	196	11	14	88
				TOTAL ALL	6600	476	15557	196	11	14	88

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	75	34	GN AVE	41.74	3.88	67.35	1.15	0.18	0.12	0.29
				GN TOTAL	3131	291	5051	86	14	9	22
				TOTAL ALL	3131	291	5051	86	14	9	22

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	67	27	GN AVE	54.22	0.78	47.85	3.59	0.19	0.00	0.41
				GN TOTAL	3633	52	3206	241	13	0	27
			TOTAL ALL	3633	52	3206	241	13	0	27	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	9	0	GN AVE							
				GN TOTAL	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	7	0	GN AVE							
				GN TOTAL	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	43.9	2.7	116.4	1.3	0.2	0.0	0.4
	GN	596	149	GN TOTAL	26158	1614	69371	801	102	23	228
TOTAL ALL GEAR		596	149	TOTAL ALL	26158	1614	69371	801	102	23	228

Fishing Period: (1800h August 5 to 0600h August 6)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	168	30	GN AVE	26.33	2.67	85.93	0.93	0.10	0.00	0.10	
			GN TOTAL	4423	449	14436	156	17	0	17	
			TOTAL ALL	4423	449	14436	156	17	0	17	

2) 4-12 Smith Is.	GN	148	34	GN AVE	24.38	1.97	47.85	0.91	0.03	0.12	0.18
				GN TOTAL	3608	292	7082	135	4	18	27
				TOTAL ALL	3608	292	7082	135	4	18	27

3) 4-4,4-9 Chatham Sd.	SN	37	5	SN AVE	7	1	125	1	0	0	0
				SN TOTAL	259	37	4625	19	0	0	0
	GN	74	15	GN AVE	28.73	4.67	47.87	1.73	0.47	0.00	0.00
				GN TOTAL	2126	346	3542	128	35	0	0
				TOTAL ALL	2385	383	8167	147	35	0	0

4) 4-5,4-8,4-14 North Boundary	SN	1	1	SN AVE	20	3	500	20	0	0	0
				SN TOTAL	20	3	500	20	0	0	0
	GN	51	17	GN AVE	34.24	0.59	35.65	1.71	0.06	0.00	0.12
				GN TOTAL	1746	30	1818	87	3	0	6
				TOTAL ALL	1766	33	2318	107	3	0	6

5) 4-1,4-13 Hudson Bay Pass	SN	5	1	SN AVE	150	20	300	50	0	0	0
				SN TOTAL	750	100	1500	250	0	0	0
	GN	0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	750	100	1500	250	0	0	0	

6) 4-2,4-3 Outside Stephens	SN	15	6	SN AVE	76	4	750	8	3	0	0
				SN TOTAL	1143	55	11250	123	50	0	0
	GN	0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	1143	55	11250	123	50	0	0	

TOTAL ALL	SN	58	13	SN TOTAL	2172	195	17875	411	50	0	0
	GN	441	96	GN AVE	27.0	2.5	60.9	1.1	0.1	0.0	0.1
			GN TOTAL	11904	1116	26879	506	59	18	50	
TOTAL ALL GEAR	499	109	TOTAL ALL	14075	1311	44754	917	109	18	50	

Fishing Period: (1800h August 6 to 0600h August 7)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	150	22	GN AVE	42.00	2.59	145.09	1.32	0.05	0.00	0.14	
			GN TOTAL	6300	389	21764	198	8	0	21	
			TOTAL ALL	6300	389	21764	198	8	0	21	

2) 4-12 Smith Is.	GN	90	26	GN AVE	26.65	3.31	52.77	0.62	0.00	0.04	0.54
				GN TOTAL	2399	298	4749	56	0	4	49
				TOTAL ALL	2399	298	4749	56	0	4	49

3) 4-4,4-9 Chatham Sd.	SN	9	6	SN AVE	12	11	442	8	5	0	0
				SN TOTAL	106	99	3975	72	48	2	0
	GN	61	15	GN AVE	14.13	6.13	17.87	0.47	0.13	0.00	0.27
				GN TOTAL	862	374	1090	29	8	0	16
				TOTAL ALL	968	473	5065	101	56	2	16

4) 4-5,4-8,4-14 North Boundary	SN	4	3	SN AVE	183	8	1385	20	0	0	0
				SN TOTAL	732	24	5540	80	0	0	0
	GN	46	10	GN AVE	57.40	0.60	27.50	2.30	0.10	0.00	0.00
				GN TOTAL	2640	28	1265	106	5	0	0
				TOTAL ALL	3372	52	6805	186	5	0	0

5) 4-1,4-13 Hudson Bay Pass	SN	0		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN	4	3	SN AVE	84	200	533	14	8	0	0
				SN TOTAL	336	800	2132	56	32	0	0
	GN	0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	336	800	2132	56	32	0	0

TOTAL ALL	SN	17	12	SN TOTAL	1174	923	11647	208	80	2	0
	GN	347	73	GN AVE	35.2	3.1	83.2	1.1	0.1	0.0	0.2
			GN TOTAL	12201	1088	28868	388	20	4	86	
TOTAL ALL GEAR	364	85	TOTAL ALL	13375	2011	40515	596	100	5	86	

Fishing Period: (1800h August 11 to 0600h August 12)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	146	37									
			GN AVE	44.16	4.41	188.49	1.35	0.22	0.03	0.35	
			GN TOTAL	6447	644	27520	197	32	4	51	
			TOTAL ALL	6447	644	27520	197	32	4	51	

2) 4-12 Smith Is.	GN	51	33								
			GN AVE	47.67	7.91	106.91	1.39	0.12	0.06	0.70	
			GN TOTAL	2431	403	5452	71	6	3	36	
			TOTAL ALL	2431	403	5452	71	6	3	36	

3) 4-4,4-9 Chatham Sd.	SN										
			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN	14	11								
			GN AVE	61.18	7.45	104.45	1.73	0.27	0.09	0.82	
			GN TOTAL	857	104	1462	24	4	1	11	
			TOTAL ALL	857	104	1462	24	4	1	11	

4) 4-5,4-8,4-14 North Boundary	SN										
			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN	44	22								
			GN AVE	42.14	2.59	57.91	1.95	0.09	0.00	0.41	
			GN TOTAL	1854	114	2548	86	4	0	18	
			TOTAL ALL	1854	114	2548	86	4	0	18	

5) 4-1,4-13 Hudson Bay Pass	SN										
			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN										
			GN AVE								
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

6) 4-2,4-3 Outside Stephens	SN										
			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN										
			GN AVE								
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	45.4	5.0	145.0	1.5	0.2	0.0	0.5	
	GN	255	103	GN TOTAL	11589	1266	36982	378	46	9	116
TOTAL ALL GEAR		255	103	TOTAL ALL	11589	1266	36982	378	46	9	116

Fishing Period: (1800h August 12 to 0600h August 13)

	GEAR		GN AVE	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	DPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	170	27	GN AVE	48.59	7.04	183.52	1.41	0.15	0.15	0.19	
			GN TOTAL	8260	1197	31198	240	26	26	32	
			TOTAL ALL	8260	1197	31198	240	26	26	32	

2) 4-12 Smith Is.	GN	28	23	GN AVE	26.65	4.17	68.96	1.22	0.04	0.00	0.52
				GN TOTAL	746	117	1931	34	1	0	15
			TOTAL ALL	746	117	1931	34	1	0	15	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	14	12	GN AVE	42.67	8.92	163.33	0.58	0.25	0.17	0.58
				GN TOTAL	597	125	2287	8	4	2	8
			TOTAL ALL	597	125	2287	8	4	2	8	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	20	16	GN AVE	62.31	2.75	49.38	1.50	0.06	0.00	0.19
				GN TOTAL	1246	55	988	30	1	0	4
			TOTAL ALL	1246	55	988	30	1	0	4	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	46.8	6.4	156.9	1.3	0.1	0.1	0.3
	GN	232	78	GN TOTAL	10850	1493	36404	312	31	28	59
TOTAL ALL GEAR		232	78	TOTAL ALL	10850	1493	36404	312	31	28	59

Fishing Period: (1800h August 13 to 0600h August 14)

		GEAR DPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		159	39	GN AVE	52.00	3.64	140.21	1.00	0.05	0.00	0.56
				GN TOTAL	8268	579	22293	159	8	0	89
				TOTAL ALL	8268	579	22293	159	8	0	89
2) 4-12 Smith Is.		GN 41	30	GN AVE	18.97	4.27	62.27	0.77	0.10	0.20	0.80
				GN TOTAL	778	175	2553	32	4	8	33
				TOTAL ALL	778	175	2553	32	4	8	33
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 23	20	GN AVE	16.70	7.70	72.25	1.40	0.15	0.00	0.35
				GN TOTAL	384	177	1662	32	3	0	8
				TOTAL ALL	384	177	1662	32	3	0	8
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 22	10	GN AVE	39.70	3.20	36.40	0.40	0.40	0.00	0.60
				GN TOTAL	873	70	801	9	9	0	13
				TOTAL ALL	873	70	801	9	9	0	13
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	42.1	4.1	111.5	0.9	0.1	0.0	0.6
		GN 245	99	GN TOTAL	10303	1001	27309	232	24	8	143
TOTAL ALL GEAR		245	99	TOTAL ALL	10303	1001	27309	232	24	8	143

Fishing Period: (1800h August 14 to 0600h August 15)

	GEAR				SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	120	31		GN AVE	35.97	3.26	148.81	1.13	0.03	0.00	0.23
				GN TOTAL	4316	391	17857	136	4	0	28
				TOTAL ALL	4316	391	17857	136	4	0	28
2) 4-12 Smith Is.	GN	20	7	GN AVE	22.00	4.43	65.00	1.29	0.00	0.00	0.43
				GN TOTAL	440	89	1300	26	0	0	9
				TOTAL ALL	440	89	1300	26	0	0	9
3) 4-4,4-9 Chatham Sd.	SN	2	1	SN AVE	0	10	800	0	0	0	0
				SN TOTAL	0	20	1600	0	0	0	0
	GN	15	8	GN AVE	25.13	5.13	107.13	0.88	0.63	0.00	0.25
				GN TOTAL	377	77	1607	13	9	0	4
				TOTAL ALL	377	97	3207	13	9	0	4
4) 4-5,4-8,4-14 North Boundary	SN	1	1	SN AVE	20	0	180	0	0	0	0
				SN TOTAL	20	0	180	0	0	0	0
	GN	15	8	GN AVE	17.38	2.75	38.63	1.38	0.00	0.00	0.13
				GN TOTAL	261	41	579	21	0	0	2
				TOTAL ALL	281	41	759	21	0	0	2
5) 4-1,4-13 Hudson Bay Pass	SN	1	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens	SN	2	1	SN AVE	6	6	550	0	0	0	0
				SN TOTAL	12	12	1100	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	12	12	1100	0	0	0	0	
TOTAL ALL	SN	6	3	SN TOTAL	32	32	2880	0	0	0	0
				GN AVE	31.7	3.5	125.6	1.1	0.1	0.0	0.2
	GN	170	54	GN TOTAL	5394	598	21344	195	13	0	42
TOTAL ALL GEAR	176	57	TOTAL ALL	5426	630	24224	195	13	0	42	

Fishing Period: (1800h August 18 to 0600h August 19)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		67	24	GN AVE	17.62	5.46	173.83	1.16	0.04	0.00	0.54	
				GN TOTAL	1181	366	11647	78	3	0	36	
				TOTAL ALL	1181	366	11647	78	3	0	36	
2) 4-12 Smith Is.		GN 25	17	GN AVE	34.23	6.85	143.99	1.41	1.75	0.12	1.38	
				GN TOTAL	856	171	3600	35	44	3	35	
				TOTAL ALL	856	171	3600	35	44	3	35	
3) 4-4,4-9 Chatham Sd.		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN 0		GN AVE								
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
4) 4-5,4-8,4-14 North Boundary		GN 16	11	SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
				GN AVE	19.13	1.88	40.00	0.44	0.19	0.16	0.00	
				GN TOTAL	306	30	640	7	3	3	0	
				TOTAL ALL	306	30	640	7	3	3	0	
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN		GN AVE								
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN		GN AVE								
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0	
				GN AVE	21.7	5.3	147.1	1.1	0.5	0.1	0.7	
		GN 108	52	GN TOTAL	2342	567	15886	120	49	6	71	
TOTAL ALL GEAR		108	52	TOTAL ALL	2342	567	15886	120	49	6	71	

Fishing Period: (1800h August 19 to 0600h August 20)

		GEAR OPR	GEAR CHKD		SDCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		33	7	GN AVE	16.51	5.71	158.56	4.93	0.00	0.00	1.13
				GN TOTAL	545	188	5232	163	0	0	37
				TOTAL ALL	545	188	5232	163	0	0	37
2) 4-12 Smith Is.		GN 12	7	GN AVE	26.42	4.90	120.70	2.00	0.11	0.00	0.78
				GN TOTAL	317	59	1448	24	1	0	9
				TOTAL ALL	317	59	1448	24	1	0	9
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 10	6	GN AVE	5.80	9.80	85.00	1.50	0.16	0.00	0.00
				GN TOTAL	58	98	850	15	2	0	0
				TOTAL ALL	58	98	850	15	2	0	0
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 15	12	GN AVE	5.75	2.58	40.16	1.17	0.08	0.00	0.08
				GN TOTAL	86	39	602	18	1	0	1
				TOTAL ALL	86	39	602	18	1	0	1
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	14.4	5.5	116.2	3.1	0.1	0.0	0.7
		GN 70	32	GN TOTAL	1006	384	8133	219	4	0	48
TOTAL ALL GEAR		70	32	TOTAL ALL	1006	384	8133	219	4	0	48

Fishing Period: (1800h August 20 to 0600h August 21)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	32	20	GN AVE	15.13	5.75	107.25	3.35	0.00	0.00	0.73	
			GN TOTAL	484	184	3432	107	0	0	23	
			TOTAL ALL	484	184	3432	107	0	0	23	

2) 4-12 Smith Is.	GN	22	11	GN AVE	3.60	5.80	109.40	1.18	0.00	0.00	0.45
				GN TOTAL	79	128	2407	26	0	0	10
				TOTAL ALL	79	128	2407	26	0	0	10

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	11	11	GN AVE	7.55	9.30	101.00	3.18	0.00	0.00	0.18
				GN TOTAL	83	102	1111	35	0	0	2
				TOTAL ALL	83	102	1111	35	0	0	2

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	11	8	GN AVE	11.50	0.63	76.00	0.75	0.45	0.00	0.00
				GN TOTAL	127	7	836	8	5	0	0
				TOTAL ALL	127	7	836	8	5	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	10.2	5.5	102.4	2.3	0.1	0.0	0.5
	GN	76	50	GN TOTAL	773	421	7786	176	5	0	35
TOTAL ALL GEAR		76	50	TOTAL ALL	773	421	7786	176	5	0	35

Fishing Period: (1800h August 21 to 0600h August 22)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough	18	12	GN AVE	24.00	4.16	220.00	3.00	0.00	0.00	0.60
			GN TOTAL	432	75	3960	54	0	0	11
			TOTAL ALL	432	75	3960	54	0	0	11

2) 4-12 Smith Is.	GN	13	10	GN AVE	4.90	2.70	37.00	1.10	0.00	0.18
				GN TOTAL	64	35	481	14	0	2
			TOTAL ALL	64	35	481	14	0	0	2

3) 4-4,4-9 Chatham Sd.	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0
				GN AVE	16.0	3.5	143.3	2.2	0.0	0.4
	GN	31	22	GN TOTAL	496	110	4441	68	0	13
TOTAL ALL GEAR		31	22	TOTAL ALL	496	110	4441	68	0	13

Fishing Period: (1800h August 26 to 0600h August 27)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	32	8	GN AVE	17.89	5.13	116.25	1.25	0.00	0.00	0.88	
			GN TOTAL	572	164	3720	40	0	0	28	
			TOTAL ALL	572	164	3720	40	0	0	28	

2) 4-12 Smith Is.	GN	15	11	GN AVE	12.50	11.30	54.20	2.00	0.10	0.00	0.65
				GN TOTAL	188	170	813	30	2	0	10
				TOTAL ALL	188	170	813	30	2	0	10

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	16.2	7.1	96.4	1.5	0.0	0.0	0.8
	GN	47	19	GN TOTAL	760	334	4533	70	2	0	38
TOTAL ALL GEAR		47	19	TOTAL ALL	760	334	4533	70	2	0	38

Fishing Period: (1800h August 27 to 0600h August 28)

		GEAR	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD									
1) 4-12part,4-15GN		10	3	GN AVE		11.60	5.30	125.00	2.00	0.00	0.00	1.60
River/Gap/Slough				GN TOTAL		116	53	1250	20	0	0	16
				TOTAL ALL		116	53	1250	20	0	0	16

2) 4-12	GN	7	7	GN AVE		6.43	11.57	30.57	0.57	0.00	0.00	0.57
Smith Is.				GN TOTAL		45	81	214	4	0	0	4
				TOTAL ALL		45	81	214	4	0	0	4

3) 4-4,4-9	SN			SN AVE								
Chatham Sd.				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

4) 4-5,4-8,4-14	SN			SN AVE								
North Boundary				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

5) 4-1,4-13	SN			SN AVE								
Hudson Bay Pass				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

6) 4-2,4-3	SN			SN AVE								
Outside Stephens				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL		0	0	0	0	0	0	0
				GN AVE		9.5	7.9	86.1	1.4	0.0	0.0	1.2
	GN	17	10	GN TOTAL		161	134	1464	24	0	0	20
TOTAL ALL GEAR		17	10	TOTAL ALL		161	134	1464	24	0	0	20

Fishing Period: (1800h August 28 to 0600h August 29)

		GEAR	GEAR								
		OPR	CHKD	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
		----	----	----	----	----	----	----	----	----	
1) 4-12part,4-15GN	10	7	GN AVE	19.70	6.85	183.57	1.00	0.00	0.00	2.10	
River/Gap/Slough			GN TOTAL	197	69	1836	10	0	0	21	
TOTAL ALL				197	69	1836	10	0	0	21	

2) 4-12	GN	9	6	GN AVE	16.50	14.16	83.30	0.60	0.16	0.00	0.30
Smith Is.			GN TOTAL	149	127	750	5	1	0	3	
TOTAL ALL				149	127	750	5	1	0	3	

3) 4-4,4-9	SN			SN AVE							
Chatham Sd.			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
TOTAL ALL				0	0	0	0	0	0	0	

4) 4-5,4-8,4-14	SN			SN AVE							
North Boundary			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
TOTAL ALL				0	0	0	0	0	0	0	

5) 4-1,4-13	SN			SN AVE							
Hudson Bay Pass			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
TOTAL ALL				0	0	0	0	0	0	0	

6) 4-2,4-3	SN			SN AVE							
Outside Stephens			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
TOTAL ALL				0	0	0	0	0	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	18.2	10.3	136.1	0.8	0.1	0.0	1.2
	GN	19	13	GN TOTAL	346	196	2585	15	1	0	24
TOTAL ALL GEAR		19	13	TOTAL ALL	346	196	2585	15	1	0	24

Fishing Period: (1800h August 29 to 0600h August 30)

	GEAR OPR	GEAR CHKD		SOCK	CDHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	5	4	GN AVE	12.50	5.25	268.75	0.75	0.00	0.00	0.50
			GN TOTAL	63	26	1344	4	0	0	3
			TOTAL ALL	63	26	1344	4	0	0	3

2) 4-12 Smith Is.	GN	2	0	GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

3) 4-4,4-9 Chatham Sd.	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	4	4	GN AVE	4.75	10.50	87.00	0.75	0.25	0.50
				GN TOTAL	19	42	348	3	1	2
			TOTAL ALL	19	42	348	3	1	2	2

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN			GN AVE						
				GN TOTAL	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0
				GN AVE	7.4	6.2	153.8	0.6	0.1	0.2
	GN	11	8	GN TOTAL	82	68	1692	7	1	2
			TOTAL ALL GEAR	82	68	1692	7	1	2	5

Fishing Period: (1800h September 02 to 0600h September 03)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	12	6	GN AVE	4.33	5.83	51.67	0.50	0.00	0.00	0.17	
			GN TOTAL	52	70	620	6	0	0	2	
			TOTAL ALL	52	70	620	6	0	0	2	

2) 4-12 Smith Is.	GN	10	10	GN AVE	8.10	13.30	50.00	1.30	0.00	0.00	0.80
				GN TOTAL	81	133	500	13	0	0	8
				TOTAL ALL	81	133	500	13	0	0	8

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	7	7	GN AVE	3.43	13.43	35.00	2.29	0.57	0.00	0.29
				GN TOTAL	24	94	245	16	4	0	2
				TOTAL ALL	24	94	245	16	4	0	2

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	29	23	GN AVE	5.4	10.2	47.1	1.2	0.1	0.0	0.4
			GN TOTAL	157	297	1365	35	4	0	12	
TOTAL ALL GEAR		29	23	TOTAL ALL	157	297	1365	35	4	0	12

Fishing Period: (1800h September 03 to 0600h September 04)

	GEAR		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough	11	2	GN AVE	3.00	1.00	15.00	0.50	0.00	0.00	0.50
			GN TOTAL	33	11	165	6	0	0	6
			TOTAL ALL	33	11	165	6	0	0	6
2) 4-12 Smith Is.	GN	8 6	GN AVE	29.50	28.00	87.50	0.67	0.00	0.00	0.50
			GN TOTAL	236	224	700	5	0	0	4
			TOTAL ALL	236	224	700	5	0	0	4
3) 4-4,4-9 Chatham Sd.	SN	1 1	SN AVE	0	0	0	0	1	0	0
			SN TOTAL	0	0	0	0	1	0	0
	GN	9 7	GN AVE	7.29	17.71	33.71	1.86	0.00	0.57	1.29
			GN TOTAL	66	159	303	17	0	5	12
			TOTAL ALL	66	159	303	17	1	5	12
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL	SN	1 1	SN TOTAL	0	0	0	0	1	0	0
			GN AVE	12.0	14.1	41.7	1.0	0.0	0.2	0.8
	GN	28 15	GN TOTAL	335	394	1168	28	0	5	21
TOTAL ALL GEAR		29 16	TOTAL ALL	335	394	1168	28	1	5	21

Fishing Period: (1800h September 04 to 0600h September 05)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	10	6	GN AVE	1.83	5.67	7.00	0.00	0.00	0.00	0.17
			GN TOTAL	18	57	70	0	0	0	2
			TOTAL ALL	18	57	70	0	0	0	2

2) 4-12 Smith Is.	GN	7	5	GN AVE	4.80	12.60	26.60	0.60	0.00	0.80
			GN TOTAL	34	88	186	4	0	0	6
			TOTAL ALL	34	88	186	4	0	0	6

3) 4-4,4-9 Chatham Sd.	SN			SN AVE						
			SN TOTAL	0	0	0	0	0	0	0
	GN	5	2	GN AVE	1.50	5.50	25.00	0.50	0.00	0.00
			GN TOTAL	8	28	125	3	0	0	0
			TOTAL ALL	8	28	125	3	0	0	0

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE						
			SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE						
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE						
			SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE						
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE						
			SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE						
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0
				GN AVE	2.7	7.8	17.3	0.3	0.0	0.3
	GN	22	13	GN TOTAL	59	172	381	7	0	7
TOTAL ALL GEAR		22	13	TOTAL ALL	59	172	381	7	0	7

Fishing Period: (1800h September 05 to 0600h September 06)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/6ap/Slough		14	5	GN AVE	0.80	3.20	8.60	0.40	0.00	0.00	0.40
				GN TOTAL	11	45	120	6	0	0	2
				TOTAL ALL	11	45	120	6	0	0	2
2) 4-12 Smith Is.		GN 11	7	GN AVE	4.43	8.29	37.14	1.86	0.00	0.00	1.29
				GN TOTAL	49	91	409	20	0	0	9
				TOTAL ALL	49	91	409	20	0	0	9
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 6	6	GN AVE	3.67	24.83	21.00	1.67	0.00	0.00	0.50
				GN TOTAL	22	149	126	10	0	0	3
				TOTAL ALL	22	149	126	10	0	0	3
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	2.6	9.2	21.1	1.2	0.0	0.0	0.8
		GN 31	18	GN TOTAL	82	285	655	36	0	0	14
TOTAL ALL GEAR		31	18	TOTAL ALL	82	285	655	36	0	0	14

Fishing Period: (1800h September 10 to 0600h September 11)

	GEAR OPR	GEAR CHKD		SOCK	CDHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	18	7	GN AVE	1.00	10.71	1.57	1.29	0.00	0.00	0.57
			GN TOTAL	18	193	28	23	0	0	4
			TOTAL ALL	18	193	28	23	0	0	4
2) 4-12 Smith Is.	GN 25	9	GN AVE	0.22	5.78	1.44	0.56	0.00	0.00	0.11
			GN TOTAL	6	145	36	14	0	0	1
			TOTAL ALL	6	145	36	14	0	0	1
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	0.5	7.8	1.5	0.9	0.0	0.0	0.1
	GN 43	16	GN TOTAL	24	337	64	37	0	0	5
TOTAL ALL GEAR	43	16	TOTAL ALL	24	337	64	37	0	0	5

APPENDIX II
DAILY RECORD OF 24 HOUR HAILS

Fishing Period: (June 25/26)

		GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough		89	59	GN AVE	26.54	0.22	0.07	0.00	8.75	1.47	0.56
				GN TOTAL	2362	20	6	0	779	131	50
				TOTAL ALL	2362	20	6	0	779	131	50
2) 4-12 Smith Is.		GN 181	73	GN AVE	18.53	0.30	0.63	0.11	2.23	0.51	0.44
				GN TOTAL	3354	54	114	20	404	92	80
				TOTAL ALL	3354	54	114	20	404	92	80
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 78	24	GN AVE	12.09	1.10	0.68	0.88	0.63	0.32	0.00
				GN TOTAL	943	86	53	69	49	25	0
				TOTAL ALL	943	86	53	69	49	25	0
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 44	27	GN AVE	23.14	1.77	0.07	2.84	0.64	0.07	0.00
				GN TOTAL	1018	78	3	125	28	3	0
				TOTAL ALL	1018	78	3	125	28	3	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	392	183	GN TOTAL	7677	238	176	214	1260	251	129
TOTAL ALL GEAR		392	183	TOTAL ALL	7677	238	176	214	1260	251	129

Fishing Period: (July 01/02)

		GEAR	GEAR								
		OPR	CHKD	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
		----	----	----	----	----	----	----	----	----	
1) 4-12part,4-15GN		146	43	GN AVE	20.26	0.00	0.00	0.02	9.34	0.52	0.21
River/Gap/Slough				GN TOTAL	2958	0	0	3	1364	76	31
				TOTAL ALL	2958	0	0	3	1364	76	31

2) 4-12	GN	184	52	GN AVE	22.89	1.99	0.38	0.37	2.70	0.90	0.20
Smith Is.				GN TOTAL	4212	366	70	68	497	166	37
				TOTAL ALL	4212	366	70	68	497	166	37

3) 4-4,4-9	SN			SN AVE							
Chatham Sd.				SN TOTAL	0	0	0	0	0	0	0
	GN	36	21	GN AVE	26.32	5.14	1.18	1.68	1.06	0.09	0.00
				GN TOTAL	948	185	42	60	38	3	0
				TOTAL ALL	948	185	42	60	38	3	0

4) 4-5,4-8,4-14	SN			SN AVE							
North Boundary				SN TOTAL	0	0	0	0	0	0	0
	GN	26	16	GN AVE	27.88	5.38	1.38	10.25	0.94	0.38	0.06
				GN TOTAL	725	140	36	267	24	10	2
				TOTAL ALL	725	140	36	267	24	10	2

5) 4-1,4-13	SN			SN AVE							
Hudson Bay Pass				SN TOTAL	0	0	0	0	0	0	0
	GN	25	8	GN AVE	38.38	10.50	17.88	27.63	0.25	0.00	0.00
				GN TOTAL	960	263	447	691	6	0	0
				TOTAL ALL	960	263	447	691	6	0	0

6) 4-2,4-3	SN			SN AVE							
Outside Stephens				SN TOTAL	0	0	0	0	0	0	0
	GN	35	12	GN AVE	16.67	8.83	18.33	35.92	0.17	0.00	0.00
				GN TOTAL	583	309	642	1257	6	0	0
				TOTAL ALL	583	309	642	1257	6	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	452	152	GN TOTAL	10385	1263	1237	2346	1935	255	69
TOTAL ALL GEAR		452	152	TOTAL ALL	10385	1263	1237	2346	1935	255	69

Fishing Period: (July 8/9)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	169	29	GN AVE	23.07	0.03	0.13	0.31	7.45	0.96	0.49	
			GN TOTAL	3899	5	22	52	1259	162	83	
			TOTAL ALL	3899	5	22	52	1259	162	83	

2) 4-12 Smith Is.	GN	156	45	GN AVE	58.86	1.00	0.70	0.95	1.79	1.09	0.38
				GN TOTAL	9182	156	109	148	279	170	59
				TOTAL ALL	9182	156	109	148	279	170	59

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	50	19	GN AVE	36.48	7.47	3.56	2.96	1.14	0.39	0.31
				GN TOTAL	1824	374	178	148	57	20	16
				TOTAL ALL	1824	374	178	148	57	20	16

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	35	13	GN AVE	33.32	3.54	3.14	5.99	1.57	0.08	0.00
				GN TOTAL	1166	124	110	210	55	3	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	23	15	GN AVE	14.20	2.87	12.07	6.00	0.80	0.00	0.00
				GN TOTAL	327	66	278	138	18	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	23	8	GN AVE	24.00	2.63	7.63	0.13	0.00	0.00	0.00
				GN TOTAL	552	60	175	3	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	456	129	GN TOTAL	16950	785	872	699	1669	355	158
TOTAL ALL GEAR		456	129	TOTAL ALL	16950	785	872	699	1669	355	158

Fishing Period: (July 15/16)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough	279	43	GN AVE	85.57	0.97	1.89	0.46	4.46	0.58	0.51	
			GN TOTAL	23874	271	527	128	1244	162	142	
			TOTAL ALL	23874	271	527	128	1244	162	142	

2) 4-12 Smith Is.	GN	196	52	GN AVE	71.19	1.29	2.71	0.62	0.97	0.43	0.29
				GN TOTAL	13953	253	531	122	190	84	57
			TOTAL ALL	13953	253	531	122	190	84	57	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	89	29	GN AVE	52.47	11.22	20.54	1.92	1.26	0.23	0.10
				GN TOTAL	4670	999	1828	171	112	20	9
			TOTAL ALL	4670	999	1828	171	112	20	9	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	77	26	GN AVE	79.32	4.84	30.42	26.13	0.98	0.51	0.12
				GN TOTAL	6108	373	2342	2012	75	39	9
			TOTAL ALL	6108	373	2342	2012	75	39	9	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	19	9	GN AVE	154.56	14.67	21.11	9.44	0.78	1.78	1.00
				GN TOTAL	2937	279	401	179	15	34	19
			TOTAL ALL	2937	279	401	179	15	34	19	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	16	15	GN AVE	152.47	7.93	45.93	15.53	1.07	0.20	1.00
				GN TOTAL	2440	127	735	248	17	3	16
			TOTAL ALL	2440	127	735	248	17	3	16	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	676	174	GN TOTAL	53981	2300	6365	2861	1654	343	252
TOTAL ALL GEAR		676	174	TOTAL ALL	53981	2300	6365	2861	1654	343	252

Fishing Period: (1200h July 21 to 1800h July 21)

		GEAR DPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		300	34	GN AVE	73.30	0.30	3.60	0.00	0.90	0.10	0.30
				GN TOTAL	21990	90	1080	0	270	30	90
				TOTAL ALL	21990	90	1080	0	270	30	90
2) 4-12 Smith Is.		GN 188	22	GN AVE	82.00	0.70	3.70	0.40	0.10	0.00	0.10
				GN TOTAL	15416	132	696	75	19	0	19
				TOTAL ALL	15416	132	696	75	19	0	19
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 92	10	GN AVE	62.40	9.80	24.50	6.20	0.40	0.00	0.00
				GN TOTAL	5741	902	2254	570	37	0	0
				TOTAL ALL	5741	902	2254	570	37	0	0
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 69	26	GN AVE	42.90	1.60	6.50	3.90	0.10	0.00	0.00
				GN TOTAL	2960	110	449	269	7	0	0
				TOTAL ALL	2960	110	449	269	7	0	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 11	0	GN AVE	61.70	0.70	10.90	2.80	0.00	0.00	0.00
				GN TOTAL	679	8	120	31	0	0	0
				TOTAL ALL	679	8	120	31	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 38	12	GN AVE	61.70	0.70	10.90	2.80	0.00	0.00	0.00
				GN TOTAL	2345	27	414	106	0	0	0
				TOTAL ALL	2345	27	414	106	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
		GN 698	104	GN TOTAL	49130	1268	5012	1052	333	30	109
TOTAL ALL GEAR		698	104	TOTAL ALL	49130	1268	5012	1052	333	30	109

Fishing Period: (July 21/22)

	GEAR			SOCK	CDHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough	276	37	GN AVE	89.00	0.90	6.10	0.40	0.60	0.10	0.60
			GN TOTAL	24564	248	1684	110	166	28	166
			TOTAL ALL	24564	248	1684	110	166	28	166
2) 4-12 Smith Is.	GN 208	43	GN AVE	164.60	3.00	19.20	2.10	0.80	0.20	0.50
			GN TOTAL	34237	624	3994	437	166	42	104
			TOTAL ALL	34237	624	3994	437	166	42	104
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 62	25	GN AVE	140.60	12.70	35.70	13.10	1.10	0.30	0.10
			GN TOTAL	8717	787	2213	812	68	19	6
			TOTAL ALL	8717	787	2213	812	68	19	6
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 59	28	GN AVE	133.83	4.12	33.26	16.58	0.80	0.42	0.10
			GN TOTAL	7896	243	1962	978	47	25	6
			TOTAL ALL	7896	243	1962	978	47	25	6
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 11	7	GN AVE	114.35	18.70	67.90	15.80	0.70	0.00	4.40
			GN TOTAL	1258	206	747	174	8	0	48
			TOTAL ALL	1258	206	747	174	8	0	48
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 82	27	GN AVE	146.75	13.20	29.40	8.50	0.90	0.80	1.00
			GN TOTAL	12034	1082	2411	697	74	66	82
			TOTAL ALL	12034	1082	2411	697	74	66	82
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
	GN 698	167	GN TOTAL	88705	3191	13011	3208	529	178	412
TOTAL ALL GEAR	698	167	TOTAL ALL	88705	3191	13011	3208	529	178	412

Fishing Period: (July 23)

		GEAR	GEAR		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough		150	30	GN AVE	71.40	1.10	11.40	0.50	1.30	0.20	0.80
				GN TOTAL	10710	165	1710	75	195	30	120
				TOTAL ALL	10710	165	1710	75	195	30	120

2) 4-12 Smith Is.	GN	271	52	GN AVE	77.50	2.40	12.70	1.20	0.70	0.20	0.60
				GN TOTAL	21003	650	3442	325	190	54	163
				TOTAL ALL	21003	650	3442	325	190	54	163

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	125	29	GN AVE	54.02	4.96	39.71	3.44	0.84	0.26	0.28
				GN TOTAL	6753	620	4964	430	105	33	35
			TOTAL ALL	6753	620	4964	430	105	33	35	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	59	13	GN AVE	73.30	1.60	8.90	4.80	0.20	0.10	0.10
				GN TOTAL	4325	94	525	283	12	6	6
			TOTAL ALL	4325	94	525	283	12	6	6	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	15	11	GN AVE	172.80	7.00	82.80	16.40	0.40	0.00	0.20
				GN TOTAL	2592	105	1242	246	6	0	3
			TOTAL ALL	2592	105	1242	246	6	0	3	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	78	44	GN AVE	174.10	4.30	47.40	8.70	0.40	0.30	0.20
				GN TOTAL	13580	335	3697	679	31	23	16
			TOTAL ALL	13580	335	3697	679	31	23	16	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	698	179	GN TOTAL	58962	1970	15580	2038	539	146	342
TOTAL ALL GEAR		698	179	TOTAL ALL	58962	1970	15580	2038	539	146	342

Fishing Period: (July 24)

	GEAR		GN AVE	SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	75	28	GN AVE	72.93	2.45	19.53	0.88	2.33	0.05	0.83	
			GN TOTAL	5470	184	1465	66	175	4	62	
			TOTAL ALL	5470	184	1465	66	175	4	62	
2) 4-12 Smith Is.	GN	298	53	GN AVE	89.57	4.45	12.15	0.88	0.53	0.28	0.79
				GN TOTAL	26692	1326	3621	262	158	83	235
			TOTAL ALL	26692	1326	3621	262	158	83	235	
3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	150	30	GN AVE	64.48	4.90	28.83	2.67	0.98	0.41	0.14
				GN TOTAL	9672	735	4325	401	147	62	21
			TOTAL ALL	9672	735	4325	401	147	62	21	
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	48	15	GN AVE	59.70	0.87	1.96	2.81	0.00	0.00	1.00
				GN TOTAL	2866	42	94	135	0	0	48
			TOTAL ALL	2866	42	94	135	0	0	48	
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	26	10	GN AVE	149.40	5.46	56.11	10.25	0.49	0.36	1.00
				GN TOTAL	3884	142	1459	267	13	9	26
			TOTAL ALL	3884	142	1459	267	13	9	26	
6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	101	35	GN AVE	149.40	5.46	56.11	10.25	0.49	0.36	1.00
				GN TOTAL	15089	551	5667	1035	49	36	101
			TOTAL ALL	15089	551	5667	1035	49	36	101	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
	GN	698	171	GN TOTAL	63673	2980	16630	2165	542	194	494
TOTAL ALL GEAR		698	171	TOTAL ALL	63673	2980	16630	2165	542	194	494

Fishing Period: (1200h July 28 to 1800h July 28)

	GEAR		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD								
1) 4-12part,4-156N River/Gap/Slough	245	40	GN AVE	81.90	2.85	26.53	0.85	0.23	0.00	0.68
			GN TOTAL	20066	698	6500	208	56	0	167
			TOTAL ALL	20066	698	6500	208	56	0	167
2) 4-12 Smith Is.	GN 403	63	GN AVE	59.56	0.13	10.78	0.16	0.08	0.02	0.32
			GN TOTAL	24003	52	4344	64	32	8	129
			TOTAL ALL	24003	52	4344	64	32	8	129
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 148	62	GN AVE	35.34	2.79	26.76	1.24	0.19	0.10	0.08
			GN TOTAL	5230	413	3960	184	28	15	12
			TOTAL ALL	5230	413	3960	184	28	15	12
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 28	19	GN AVE	91.42	1.26	18.53	9.74	0.11	0.00	0.32
			GN TOTAL	2560	35	519	273	3	0	9
			TOTAL ALL	2560	35	519	273	3	0	9
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 4	4	GN AVE	69.00	9.00	184.00	43.00	0.00	0.00	1.00
			GN TOTAL	276	36	736	172	0	0	4
			TOTAL ALL	276	36	736	172	0	0	4
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 42	28	GN AVE	23.20	1.70	31.20	4.30	0.40	0.00	0.20
			GN TOTAL	974	71	1310	181	17	0	8
			TOTAL ALL	974	71	1310	181	17	0	8
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
	GN 870	216	GN TOTAL	53109	1306	17370	1082	137	23	329
TOTAL ALL GEAR	870	216	TOTAL ALL	53109	1306	17370	1082	137	23	329

Fishing Period: (July 29)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough	245	35	GN AVE	158.91	3.61	89.90	0.67	0.22	0.04	0.60
			GN TOTAL	38933	884	22026	164	54	10	147
			TOTAL ALL	38933	884	22026	164	54	10	147
2) 4-12 Smith Is.	GN 375	44	GN AVE	88.50	2.58	52.42	0.75	0.32	0.09	0.76
			GN TOTAL	33188	968	19658	281	120	34	285
			TOTAL ALL	33188	968	19658	281	120	34	285
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 168	78	GN AVE	68.55	7.27	60.95	3.90	0.74	0.13	0.50
			GN TOTAL	11516	1221	10240	655	124	22	84
			TOTAL ALL	11516	1221	10240	655	124	22	84
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 46	30	GN AVE	87.90	1.83	28.63	8.60	0.20	0.00	0.50
			GN TOTAL	4043	84	1317	396	9	0	23
			TOTAL ALL	4043	84	1317	396	9	0	23
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 4	0	GN AVE	60.80	10.30	60.80	9.40	0.00	0.00	0.50
			GN TOTAL	243	41	243	38	0	0	2
			TOTAL ALL	243	41	243	38	0	0	2
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 29	15	GN AVE	60.80	10.30	60.80	9.40	0.00	0.00	0.50
			GN TOTAL	1763	299	1763	273	0	0	15
			TOTAL ALL	1763	299	1763	273	0	0	15
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	103.4	4.0	63.7	2.1	0.4	0.1	0.6
	GN 867	202	GN TOTAL	89687	3497	55246	1806	307	65	556
TOTAL ALL GEAR	867	202	TOTAL ALL	89687	3497	55246	1806	307	65	556

Fishing Period: (July 30)

	GEAR OPR	GEAR CHKD		SDCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part, 4-156N River/Gap/Slough	245	43	GN AVE	154.51	3.44	138.20	0.42	0.15	0.00	0.88
			GN TOTAL	37855	843	33859	103	37	0	216
			TOTAL ALL	37855	843	33859	103	37	0	216
2) 4-12 Smith Is.	GN 375	49	GN AVE	64.02	1.10	35.02	0.67	0.06	0.06	0.42
			GN TOTAL	24008	413	13133	251	23	23	158
			TOTAL ALL	24008	413	13133	251	23	23	158
3) 4-4, 4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 168	59	GN AVE	109.64	4.51	83.93	2.54	0.74	0.09	0.38
			GN TOTAL	18420	758	14100	427	124	15	64
			TOTAL ALL	18420	758	14100	427	124	15	64
4) 4-5, 4-8, 4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 46	33	GN AVE	146.35	2.10	21.80	8.45	0.20	0.00	0.30
			GN TOTAL	6732	97	1003	389	9	0	14
			TOTAL ALL	6732	97	1003	389	9	0	14
5) 4-1, 4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 4	2	GN AVE	125.60	15.10	125.00	18.50	0.30	0.00	0.75
			GN TOTAL	502	60	500	74	1	0	3
			TOTAL ALL	502	60	500	74	1	0	3
6) 4-2, 4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 29	7	GN AVE	98.10	3.70	33.10	11.00	0.30	0.00	0.50
			GN TOTAL	2845	107	960	319	9	0	15
			TOTAL ALL	2845	107	960	319	9	0	15
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	104.2	2.6	73.3	1.8	0.2	0.0	0.5
	GN 867	193	GN TOTAL	90361	2277	63554	1563	203	38	468
TOTAL ALL GEAR	867	193	TOTAL ALL	90361	2277	63554	1563	203	38	468

Fishing Periods: (August 4/5)

		GEAR	GEAR		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough		288	42	GN AVE	85.13	6.93	277.74	2.21	0.28	0.00	0.57
				GN TOTAL	24517	1996	79989	636	81	0	164
				TOTAL ALL	24517	1996	79989	636	81	0	164
2) 4-12 Smith Is.		GN 159	43	GN AVE	77.29	5.28	143.02	2.44	0.14	0.14	1.45
				GN TOTAL	12289	840	22740	388	22	22	231
				TOTAL ALL	12289	840	22740	388	22	22	231
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 81	32	GN AVE	76.67	9.05	132.68	1.65	0.51	0.25	0.42
				GN TOTAL	6210	733	10747	134	41	20	34
				TOTAL ALL	6210	733	10747	134	41	20	34
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 67	32	GN AVE	137.87	1.65	74.07	6.10	0.24	0.00	1.03
				GN TOTAL	9237	111	4963	409	16	0	69
				TOTAL ALL	9237	111	4963	409	16	0	69
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 1	1	GN AVE	100.00	8.00	160.00	18.00	0.00	0.00	1.00
				GN TOTAL	100	8	160	18	0	0	1
				TOTAL ALL	100	8	160	18	0	0	1
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	87.8	5.2	199.0	2.7	0.3	0.1	0.8
		GN 596	150	GN TOTAL	52354	3687	118599	1585	160	43	499
TOTAL ALL GEAR		596	150	TOTAL ALL	52354	3687	118599	1585	160	43	499

Fishing Period: (August 6)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	169	25	GN AVE	69.78	6.52	230.68	2.98	0.25	0.00	0.50	
			GN TOTAL	11793	1102	38985	504	42	0	85	
			TOTAL ALL	11793	1102	38985	504	42	0	85	
2) 4-12 Smith Is.	GN 149	33	GN AVE	55.44	5.03	86.33	1.62	0.09	0.12	0.89	
			GN TOTAL	8261	749	12863	241	13	18	133	
			TOTAL ALL	8261	749	12863	241	13	18	133	
3) 4-4,4-9 Chatham Sd.	SN 4	2	SN AVE	200	24	2067	26	0	0	0	
			SN TOTAL	800	95	8267	104	0	0	0	
	GN 75	21	GN AVE	67.40	10.60	102.54	2.77	0.95	0.07	0.11	
			GN TOTAL	5055	795	7691	208	71	5	8	
			TOTAL ALL	5855	890	15957	312	71	5	8	
4) 4-5,4-8,4-14 North Boundary	SN 4	4	SN AVE	213	5	1563	25	0	0	0	
			SN TOTAL	852	20	6252	100	0	0	0	
	GN 51	17	GN AVE	71.06	1.30	64.12	8.24	0.06	0.00	0.30	
			GN TOTAL	3624	66	3270	420	3	0	15	
			TOTAL ALL	4476	86	9522	520	3	0	15	
5) 4-1,4-13 Hudson Bay Pass	SN 1	1	SN AVE	195	25	390	60	4	0	0	
			SN TOTAL	195	25	390	60	4	0	0	
	GN 0		GN AVE								
			GN TOTAL	0	0	0	0	0	0	0	
		TOTAL ALL	195	25	390	60	4	0	0		
6) 4-2,4-3 Outside Stephens	SN 9	5	SN AVE	160	15	1983	8	3	0	0	
			SN TOTAL	1443	135	17850	72	27	0	0	
	GN 0		GN AVE								
			GN TOTAL	0	0	0	0	0	0	0	
		TOTAL ALL	1443	135	17850	72	27	0	0		
TOTAL ALL	SN 18	12	SN TOTAL	3290	275	32759	336	31	0	0	
			GN AVE	64.7	6.1	141.5	3.1	0.3	0.1	0.5	
	GN 444	96	GN TOTAL	28732	2713	62809	1373	130	23	241	
TOTAL ALL GEAR	462	108	TOTAL ALL	32022	2987	95567	1709	161	23	241	

Fishing Period: (August 7)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	150	34	GN AVE	101.62	8.37	377.56	3.14	0.21	0.00	0.41	
			GN TOTAL	15243	1256	56634	471	32	0	62	
			TOTAL ALL	15243	1256	56634	471	32	0	62	

2) 4-12 Smith Is.	GN	90	24	GN AVE	55.92	7.08	99.00	1.80	0.00	0.04	1.27
				GN TOTAL	5033	637	8910	162	0	4	114
				TOTAL ALL	5033	637	8910	162	0	4	114

3) 4-4,4-9 Chatham Sd.	SN	9	8	SN AVE	54	43	1627	17	6	0	0
				SN TOTAL	488	386	14639	154	55	0	0
	GN	61	14	GN AVE	42.90	37.67	55.41	1.32	1.28	0.31	0.69
				GN TOTAL	2617	2298	3380	81	78	19	42
				TOTAL ALL	3105	2684	18019	235	133	19	42

4) 4-5,4-8,4-14 North Boundary	SN	4	3	SN AVE	262	25	2685	25	0	0	0
				SN TOTAL	1048	75	10740	100	0	0	0
	GN	46	12	GN AVE	113.97	1.81	56.00	5.01	0.10	0.00	0.36
				GN TOTAL	5243	83	2576	230	5	0	17
				TOTAL ALL	6291	158	13316	330	5	0	17

5) 4-1,4-13 Hudson Bay Pass	SN	0		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	

6) 4-2,4-3 Outside Stephens	SN	4	3	SN AVE	139	226	1433	34	14	0	0
				SN TOTAL	556	904	5732	134	56	0	0
	GN	0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	556	904	5732	134	56	0	0	

TOTAL ALL	SN	17	14	SN TOTAL	2092	1365	31111	388	111	0	0
	GN	347	84	GN AVE	81.1	12.3	206.1	2.7	0.3	0.1	0.7
			GN TOTAL	28135	4274	71500	944	114	23	234	
TOTAL ALL GEAR	364	98	TOTAL ALL	30227	5639	102611	1332	225	23	234	

Fishing Period: (August 11/12)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		146	40	GN AVE	105.78	10.27	425.73	2.18	0.34	0.03	0.59	
				GN TOTAL	15444	1499	62157	318	50	4	86	
				TOTAL ALL	15444	1499	62157	318	50	4	86	
2) 4-12 Smith Is.		GN 51	29	GN AVE	79.38	12.70	164.45	3.68	0.26	0.10	1.49	
				GN TOTAL	4048	648	8387	188	13	5	76	
				TOTAL ALL	4048	648	8387	188	13	5	76	
3) 4-4,4-9 Chatham Sd.		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN 14	11	GN AVE	79.48	11.75	162.35	2.13	0.87	0.29	1.12	
				GN TOTAL	1113	165	2273	30	12	4	16	
				TOTAL ALL	1113	165	2273	30	12	4	16	
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN 44	22	GN AVE	79.59	3.54	115.00	4.00	0.14	0.00	0.82	
				GN TOTAL	3502	156	5060	176	6	0	36	
				TOTAL ALL	3502	156	5060	176	6	0	36	
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN		GN AVE								
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN		GN AVE								
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0	
				GN AVE	94.5	9.7	305.4	2.8	0.3	0.1	0.8	
		GN 255	102	GN TOTAL	24107	2467	77876	712	81	14	214	
TOTAL ALL GEAR		255	102	TOTAL ALL	24107	2467	77876	712	81	14	214	

Fishing Period: (August 13)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough	164	35	GN AVE	102.04	11.11	346.26	2.41	0.20	0.15	0.36
			GN TOTAL	16735	1822	56787	395	33	25	59
			TOTAL ALL	16735	1822	56787	395	33	25	59
2) 4-12 Smith Is.	GN 28	21	GN AVE	53.97	7.49	116.59	2.80	0.04	0.11	1.36
			GN TOTAL	1511	210	3265	78	1	3	38
			TOTAL ALL	1511	210	3265	78	1	3	38
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 14	13	GN AVE	59.31	17.71	246.33	0.94	0.61	0.17	0.79
			GN TOTAL	830	248	3449	13	9	2	11
			TOTAL ALL	830	248	3449	13	9	2	11
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 26	18	GN AVE	74.61	3.35	69.73	2.25	0.06	0.00	0.24
			GN TOTAL	1940	87	1813	59	2	0	6
			TOTAL ALL	1940	87	1813	59	2	0	6
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN		GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	90.6	10.2	281.5	2.4	0.2	0.1	0.5
	GN 232	87	GN TOTAL	21016	2367	65313	545	44	30	114
TOTAL ALL GEAR	232	87	TOTAL ALL	21016	2367	65313	545	44	30	114

Fishing Period: (August 14)

		GEAR	GEAR								
		OPR	CHKD	SOCK	CDHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough		150	38	GN AVE	96.73	7.72	342.56	1.57	0.08	0.00	1.21
				GN TOTAL	14510	1158	51384	236	12	0	182
				TOTAL ALL	14510	1158	51384	236	12	0	182
2) 4-12 Smith Is.		GN 36	26	GN AVE	38.78	7.22	124.32	1.29	0.20	0.20	1.28
				GN TOTAL	1396	260	4476	46	7	7	46
				TOTAL ALL	1396	260	4476	46	7	7	46
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 20	15	GN AVE	33.90	9.10	114.95	1.60	0.35	0.00	0.35
				GN TOTAL	678	182	2299	32	7	0	7
				TOTAL ALL	678	182	2299	32	7	0	7
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 18	12	GN AVE	86.34	8.70	100.33	5.26	0.47	0.00	0.89
				GN TOTAL	1554	157	1806	95	8	0	16
				TOTAL ALL	1554	157	1806	95	8	0	16
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	81.0	7.8	267.7	1.8	0.2	0.0	1.1
		GN 224	91	GN TOTAL	18138	1757	59964	409	35	7	251
TOTAL ALL GEAR		224	91	TOTAL ALL	18138	1757	59964	409	35	7	251

Fishing Period: (August 15)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	120	30	GN AVE	73.64	6.56	324.98	1.76	0.16	0.00	0.63	
			GN TOTAL	8837	787	38998	211	19	0	76	
			TOTAL ALL	8837	787	38998	211	19	0	76	

2) 4-12 Smith Is.	GN	20	7	GN AVE	38.10	6.13	91.40	1.99	0.00	0.00	1.73
				GN TOTAL	762	123	1828	40	0	0	35
				TOTAL ALL	762	123	1828	40	0	0	35

3) 4-4,4-9 Chatham Sd.	SN	2	2	SN AVE	7	12	1075	0	0	0	5
				SN TOTAL	14	24	2150	0	0	0	10
	GN	15	11	GN AVE	45.44	11.67	198.59	1.11	1.01	0.08	0.56
				GN TOTAL	682	175	2979	17	15	1	8
				TOTAL ALL	696	199	5129	17	15	1	18

4) 4-5,4-8,4-14 North Boundary	SN	3	3	SN AVE	68	18	487	3	1	0	2
				SN TOTAL	204	53	1460	10	3	0	6
	GN	15	11	GN AVE	11.45	2.95	63.43	2.08	0.00	0.00	0.13
				GN TOTAL	172	44	951	31	0	0	2
				TOTAL ALL	376	97	2411	41	3	0	8

5) 4-1,4-13 Hudson Bay Pass	SN	4	4	SN AVE	35	7	728	42	1	0	1
				SN TOTAL	140	29	2911	167	3	0	3
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	140	29	2911	167	3	0	3

6) 4-2,4-3 Outside Stephens	SN	2	1	SN AVE	50	10	3000	70	25	0	0
				SN TOTAL	100	20	6000	140	50	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	100	20	6000	140	50	0	0

TOTAL ALL	SN	11	10	SN TOTAL	458	126	12521	317	56	0	19
	GN	170	59	GN AVE	61.5	6.6	263.3	1.8	0.2	0.0	0.7
			GN TOTAL	10452	1129	44756	299	34	1	121	
TOTAL ALL GEAR	181	69	TOTAL ALL	10910	1255	57277	616	90	1	140	

Fishing Periods: (1600h August 16 to 2000h August 17)

SPECIAL SEINE FISHERY

		GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15SN River/Gap/Slough		0		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
2) 4-12 Smith Is.		SN	12 11	SN AVE	122.75	0.00	2412.58	0.00	0.00	0.00	0.00
				SN TOTAL	1473	0	28951	0	0	0	0
				TOTAL ALL	1473	0	28951	0	0	0	0
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				SN AVE	122.8	0.0	2412.6	0.0	0.0	0.0	0.0
	SN	12	11	SN TOTAL	1473	0	28951	0	0	0	0
TOTAL ALL GEAR		12	11	TOTAL ALL	1473	0	28951	0	0	0	0

Fishing Period: (August 18/19)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	56	23	GN AVE	40.38	15.49	352.50	3.34	0.09	0.00	1.37	
			GN TOTAL	2261	867	19740	187	5	0	77	
			TOTAL ALL	2261	867	19740	187	5	0	77	
2) 4-12 Smith Is.	GN	24	18	GN AVE	50.09	21.54	203.70	2.32	1.85	0.13	1.89
			GN TOTAL	1202	517	4889	56	44	3	45	
			TOTAL ALL	1202	517	4889	56	44	3	45	
3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN	4	4	GN AVE	14.20	11.28	52.00	1.00	0.00	0.00	1.25
			GN TOTAL	57	45	208	4	0	0	5	
			TOTAL ALL	57	45	208	4	0	0	5	
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN	13	10	GN AVE	32.23	9.99	131.73	1.38	1.15	0.23	0.77
			GN TOTAL	419	130	1712	18	15	3	10	
			TOTAL ALL	419	130	1712	18	15	3	10	
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	40.6	16.1	273.7	2.7	0.7	0.1	1.4
	GN	97	55	GN TOTAL	3939	1559	26549	265	64	6	137
TOTAL ALL GEAR		97	55	TOTAL ALL	3939	1559	26549	265	64	6	137

Fishing Period: (August 20)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		35	17	GN AVE	28.80	11.71	315.90	7.27	0.11	0.00	1.89
				GN TOTAL	1008	410	11057	254	4	0	66
				TOTAL ALL	1008	410	11057	254	4	0	66
2) 4-12 Smith Is.		GN 15	10	GN AVE	43.33	11.73	201.67	3.73	0.47	0.00	1.60
				GN TOTAL	650	176	3025	56	7	0	24
				TOTAL ALL	650	176	3025	56	7	0	24
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 10	7	GN AVE	14.90	13.00	133.10	4.80	0.20	0.00	1.50
				GN TOTAL	149	130	1331	48	2	0	15
				TOTAL ALL	149	130	1331	48	2	0	15
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 12	10	GN AVE	9.83	4.00	59.67	1.75	0.17	0.00	1.30
				GN TOTAL	118	48	716	21	2	0	16
				TOTAL ALL	118	48	716	21	2	0	16
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	26.7	10.6	224.0	5.3	0.2	0.0	1.7
		GN 72	44	GN TOTAL	1925	764	16129	379	15	0	121
TOTAL ALL GEAR		72	44	TOTAL ALL	1925	764	16129	379	15	0	121

Fishing Period: (August 21)

		GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		32	22	GN AVE	38.06	14.91	315.44	6.44	0.09	0.00	1.81
				GN TOTAL	1218	477	10094	206	3	0	58
				TOTAL ALL	1218	477	10094	206	3	0	58
2) 4-12 Smith Is.		GN 14	8	GN AVE	10.14	10.14	198.07	2.43	0.00	0.00	0.86
				GN TOTAL	142	142	2773	34	0	0	12
				TOTAL ALL	142	142	2773	34	0	0	12
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 7	7	GN AVE	16.00	17.86	172.71	7.29	0.00	0.00	0.43
				GN TOTAL	112	125	1209	51	0	0	3
				TOTAL ALL	112	125	1209	51	0	0	3
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 10	8	GN AVE	17.50	1.50	124.10	1.00	0.30	0.00	0.20
				GN TOTAL	175	15	1241	10	3	0	2
				TOTAL ALL	175	15	1241	10	3	0	2
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN		GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	26.1	12.0	243.1	4.8	0.1	0.0	1.2
		GN 63	45	GN TOTAL	1647	759	15317	301	6	0	75
TOTAL ALL GEAR		63	45	TOTAL ALL	1647	759	15317	301	6	0	75

Fishing Period: (August 22)

	GEAR OPR	GEAR CHKD		SDCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough	29	22	GN AVE	59.39	20.28	588.28	8.46	0.10	0.00	0.52	
			GN TOTAL	1722	588	17060	245	3	0	15	
			TOTAL ALL	1722	588	17060	245	3	0	15	
2) 4-12 Smith Is.	GN	10	8	GN AVE	22.70	5.50	97.80	2.70	0.20	0.10	1.20
				GN TOTAL	227	55	978	27	2	1	12
			TOTAL ALL	227	55	978	27	2	1	12	
3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	50.0	16.5	462.5	7.0	0.1	0.0	0.7
	GN	39	30	GN TOTAL	1949	643	18038	272	5	1	27
TOTAL ALL GEAR		39	30	TOTAL ALL	1949	643	18038	272	5	1	27

Fishing Period: (August 26/27)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	30	15	GN AVE	31.57	9.60	222.60	3.13	0.07	0.00	1.57	
			GN TOTAL	947	288	6678	94	2	0	47	
			TOTAL ALL	947	288	6678	94	2	0	47	

2) 4-12 Smith Is.	GN	13	9	GN AVE	15.62	13.85	68.08	2.85	0.15	0.00	1.08
				GN TOTAL	203	180	885	37	2	0	14
			TOTAL ALL	203	180	885	37	2	0	14	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	0

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	0

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	26.7	10.9	175.9	3.0	0.1	0.0	1.4
	GN	43	24	GN TOTAL	1150	468	7563	131	4	0	61
TOTAL ALL GEAR		43	24	TOTAL ALL	1150	468	7563	131	4	0	61

Fishing Period: (August 28)

		GEAR	GEAR								
		OPR	CHKD	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N		13	7	GN AVE	16.85	7.08	177.92	2.23	0.00	0.00	1.85
River/Gap/Slough				GN TOTAL	219	92	2313	29	0	0	24
				TOTAL ALL	219	92	2313	29	0	0	24

2) 4-12	GN	5	5	GN AVE	12.00	18.00	60.60	1.00	0.00	0.00	1.00
Smith Is.				GN TOTAL	60	90	303	5	0	0	5
				TOTAL ALL	60	90	303	5	0	0	5

3) 4-4,4-9	SN			SN AVE							
Chatham Sd.				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

4) 4-5,4-8,4-14	SN			SN AVE							
North Boundary				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13	SN			SN AVE							
Hudson Bay Pass				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3	SN			SN AVE							
Outside Stephens				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	15.5	10.1	145.3	1.9	0.0	0.0	1.6
	GN	18	12	GN TOTAL	279	182	2616	34	0	0	29
TOTAL ALL GEAR		18	12	TOTAL ALL	279	182	2616	34	0	0	29

Fishing Period: (August 29)

		GEAR	GEAR		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD								
1) 4-12part, 4-156N		10	8	GN AVE	25.80	9.60	232.60	1.50	0.00	0.00	2.30
River/Gap/Slough				GN TOTAL	258	96	2326	15	0	0	23
				TOTAL ALL	258	96	2326	15	0	0	23

2) 4-12	GN	6	5	GN AVE	25.50	21.17	126.67	0.83	0.17	0.00	0.50
Smith Is.				GN TOTAL	153	127	760	5	1	0	3
				TOTAL ALL	153	127	760	5	1	0	3

3) 4-4, 4-9	SN	1	1	SN AVE	50	50	1900	0	0	0	0
Chatham Sd.				SN TOTAL	50	50	1900	0	0	0	0
	GN	2	2	GN AVE	9.60	8.00	180.00	2.00	0.00	0.00	0.50
				GN TOTAL	19	16	360	4	0	0	1
				TOTAL ALL	69	66	2260	4	0	0	1

4) 4-5, 4-8, 4-14	SN			SN AVE							
North Boundary				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

5) 4-1, 4-13	SN			SN AVE							
Hudson Bay Pass				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2, 4-3	SN			SN AVE							
Outside Stephens				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	1	1	SN TOTAL	50	50	1900	0	0	0	0
				GN AVE	23.9	13.3	191.4	1.3	0.1	0.0	1.5
	GN	18	15	GN TOTAL	430	239	3446	24	1	0	27
TOTAL ALL GEAR		19	16	TOTAL ALL	480	289	5346	24	1	0	27

Fishing Period: (August 30)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
	DPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	5	4	GN AVE	15.54	6.25	418.75	0.90	0.00	0.00	0.75	
			GN TOTAL	78	31	2094	5	0	0	4	
			TOTAL ALL	78	31	2094	5	0	0	4	
2) 4-12 Smith Is.	GN	2	1	GN AVE	10.75	11.50	119.50	2.75	0.25	0.50	1.50
				GN TOTAL	22	23	239	6	1	1	3
				TOTAL ALL	22	23	239	6	1	1	3
3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	4	4	GN AVE	13.35	27.30	205.00	3.15	0.25	0.50	1.90
				GN TOTAL	53	109	820	13	1	2	8
				TOTAL ALL	53	109	820	13	1	2	8
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
	GN	11	9	GN AVE	13.9	14.9	286.6	2.1	0.1	0.3	1.3
				GN TOTAL	153	163	3153	23	2	3	14
TOTAL ALL GEAR		11	9	TOTAL ALL	153	163	3153	23	2	3	14

Fishing Period: (August 31)

		GEAR	GEAR		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD								
1) 4-12part,4-15GN		1	1	GN AVE	4.00	0.00	57.00	4.00	0.00	0.00	0.00
River/Gap/Slough				GN TOTAL	4	0	57	4	0	0	0
				TOTAL ALL	4	0	57	4	0	0	0

2) 4-12	GN	5	5	GN AVE	7.60	7.60	79.00	0.60	0.00	0.00	0.80
Smith Is.				GN TOTAL	38	38	395	3	0	0	4
				TOTAL ALL	38	38	395	3	0	0	4

3) 4-4,4-9	SN			SN AVE							
Chatham Sd.				SN TOTAL	0	0	0	0	0	0	0
	GN	5	5	GN AVE	4.80	18.40	71.20	1.60	0.40	0.00	0.60
				GN TOTAL	24	92	356	8	2	0	3
				TOTAL ALL	24	92	356	8	2	0	3

4) 4-5,4-8,4-14	SN			SN AVE							
North Boundary				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13	SN			SN AVE							
Hudson Bay Pass				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3	SN			SN AVE							
Outside Stephens				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	6.0	11.8	73.5	1.4	0.2	0.0	0.6
	GN	11	11	GN TOTAL	66	130	808	15	2	0	7
TOTAL ALL GEAR		11	11	TOTAL ALL	66	130	808	15	2	0	7

Fishing Period: (September 2/3)

		GEAR	GEAR								
		OPR	CHKD	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N		11	7	GN AVE	10.73	21.45	97.27	2.00	0.27	0.00	1.91
River/Gap/Slough				GN TOTAL	118	236	1070	22	3	0	21
				TOTAL ALL	118	236	1070	22	3	0	21

2) 4-12	GN	8	8	GN AVE	14.75	28.50	92.50	3.13	0.00	0.00	2.25
Smith Is.				GN TOTAL	118	228	740	25	0	0	18
				TOTAL ALL	118	228	740	25	0	0	18

3) 4-4,4-9	SN			SN AVE							
Chatham Sd.				SN TOTAL	0	0	0	0	0	0	0
	GN	11	9	GN AVE	7.91	26.00	60.82	4.36	0.36	0.09	0.45
				GN TOTAL	87	286	669	48	4	1	5
				TOTAL ALL	87	286	669	48	4	1	5

4) 4-5,4-8,4-14	SN			SN AVE							
North Boundary				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

5) 4-1,4-13	SN			SN AVE							
Hudson Bay Pass				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

6) 4-2,4-3	SN			SN AVE							
Outside Stephens				SN TOTAL	0	0	0	0	0	0	0
	GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
				TOTAL ALL	0	0	0	0	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	10.8	25.0	82.6	3.2	0.2	0.0	1.5
	GN	30	24	GN TOTAL	323	750	2479	95	7	1	44
TOTAL ALL GEAR		30	24	TOTAL ALL	323	750	2479	95	7	1	44

Fishing Period: (September 04)

		GEAR	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD									
1) 4-12part,4-15GN		11	5	GN AVE		9.29	14.14	70.00	0.64	0.00	0.00	0.64
River/Gap/Slough				GN TOTAL		102	156	770	7	0	0	7
				TOTAL ALL		102	156	770	7	0	0	7

2) 4-12	GN	8	4	GN AVE		31.00	44.00	152.50	2.67	0.00	0.00	0.50
Smith Is.				GN TOTAL		248	352	1220	21	0	0	4
				TOTAL ALL		248	352	1220	21	0	0	4

3) 4-4,4-9	SN	1	1	SN AVE		0	0	10	0	1	0	0
Chatham Sd.				SN TOTAL		0	0	10	0	1	0	0
	GN	9	7	GN AVE		12.29	30.71	87.71	4.86	0.50	0.57	1.79
				GN TOTAL		111	276	789	44	5	5	16
				TOTAL ALL		111	276	799	44	6	5	16

4) 4-5,4-8,4-14	SN			SN AVE								
North Boundary				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

5) 4-1,4-13	SN			SN AVE								
Hudson Bay Pass				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

6) 4-2,4-3	SN			SN AVE								
Outside Stephens				SN TOTAL		0	0	0	0	0	0	0
	GN			GN AVE								
				GN TOTAL		0	0	0	0	0	0	0
				TOTAL ALL		0	0	0	0	0	0	0

TOTAL ALL	SN	1	1	SN TOTAL		0	0	10	0	1	0	0
				GN AVE		16.5	28.0	99.3	2.6	0.2	0.2	1.0
	GN	28	16	GN TOTAL		461	784	2779	72	5	5	27
TOTAL ALL GEAR		29	17	TOTAL ALL		461	784	2789	72	6	5	27

Fishing Period: (September 05)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough		8	6	GN AVE	4.23	15.07	23.60	0.40	0.00	0.00	0.57	
				GN TOTAL	34	121	189	3	0	0	5	
				TOTAL ALL	34	121	189	3	0	0	5	
2) 4-12 Smith Is.		GN	7	6	GN AVE	10.47	34.60	64.43	1.93	0.00	0.00	3.13
				GN TOTAL	73	242	451	14	0	0	22	
				TOTAL ALL	73	242	451	14	0	0	22	
3) 4-4,4-9 Chatham Sd.		SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0	
		GN	6	6	GN AVE	3.67	33.50	56.17	3.50	0.67	0.00	0.17
				GN TOTAL	22	201	337	21	4	0	1	
				TOTAL ALL	22	201	337	21	4	0	1	
4) 4-5,4-8,4-14 North Boundary		SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0	
		GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
5) 4-1,4-13 Hudson Bay Pass		SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0	
		GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens		SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0	
		GN			GN AVE							
				GN TOTAL	0	0	0	0	0	0	0	
				TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL		SN	0	0	SN TOTAL	0	0	0	0	0	0	
					GN AVE	6.2	26.8	46.5	1.8	0.2	0.0	1.3
		GN	21	18	GN TOTAL	129	564	977	38	4	0	27
TOTAL ALL GEAR			21	18	TOTAL ALL	129	564	977	38	4	0	27

Fishing Period: (September 06)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	11	6	GN AVE	6.13	19.70	34.93	1.07	0.00	0.00	1.23	
			GN TOTAL	67	217	384	12	0	0	7	
			TOTAL ALL	67	217	384	12	0	0	7	

2) 4-12 Smith Is.	GN	10	8	GN AVE	6.93	19.04	65.39	5.24	0.00	0.00	2.42
			GN TOTAL	69	190	654	52	0	0	19	
			TOTAL ALL	69	190	654	52	0	0	19	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN	5	5	GN AVE	10.34	52.16	51.00	2.34	1.33	0.00	1.83
			GN TOTAL	52	261	255	12	7	0	9	
			TOTAL ALL	52	261	255	12	7	0	9	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN			GN AVE							
			GN TOTAL	0	0	0	0	0	0	0	
			TOTAL ALL	0	0	0	0	0	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	7.2	25.7	49.7	2.9	0.3	ERR	ERR
	GN	26	19	GN TOTAL	188	668	1293	76	7	0	36
TOTAL ALL GEAR		26	19	TOTAL ALL	188	668	1293	76	7	0	36

Fishing Period: (September 10/11)

	GEAR		GN	AVE	TOTAL	SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD										
1) 4-12part,4-15GN River/Gap/Slough	13	7	GN AVE	1.62	20.54	5.15	2.54	0.00	0.00	0.62		
			GN TOTAL	21	267	67	33	0	0	4		
			TOTAL ALL	21	267	67	33	0	0	4		
2) 4-12 Smith Is.	GN	16	8	GN AVE	0.50	10.13	3.44	0.94	0.00	0.00	0.13	
			GN TOTAL	8	162	55	15	0	0	1		
			TOTAL ALL	8	162	55	15	0	0	1		
3) 4-4,4-9 Chatham Sd.	SN			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0		
	GN			GN AVE								
			GN TOTAL	0	0	0	0	0	0	0		
			TOTAL ALL	0	0	0	0	0	0	0		
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0		
	GN			GN AVE								
			GN TOTAL	0	0	0	0	0	0	0		
			TOTAL ALL	0	0	0	0	0	0	0		
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0		
	GN			GN AVE								
			GN TOTAL	0	0	0	0	0	0	0		
			TOTAL ALL	0	0	0	0	0	0	0		
6) 4-2,4-3 Outside Stephens	SN			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0		
	GN			GN AVE								
			GN TOTAL	0	0	0	0	0	0	0		
			TOTAL ALL	0	0	0	0	0	0	0		
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0	0
				GN AVE	1.0	14.8	4.2	1.7	0.0	0.0	0.2	
	GN	29	15	GN TOTAL	29	429	122	48	0	0	5	
TOTAL ALL GEAR		29	15	TOTAL ALL	29	429	122	48	0	0	5	

APPENDIX III
TOTAL COMMERCIAL NET CATCH

AREA 4 COMMERCIAL NET CATCH - 1990

DATE	GN	SN	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JK. CK.	STHD
June 25/26	392		7677	238	176	214	1260	251	129
TFW Jun 30	392		7677	238	176	214	1260	251	129
July 1/2	452		10385	1263	1237	2346	1935	255	69
TFW Jul 7	452		10385	1263	1237	2346	1935	255	69
TTD	844		18062	1501	1413	2560	3195	506	198
July 8/9	456		16950	785	872	699	1669	355	158
TFW Jul 14	456		16950	785	872	699	1669	355	158
TTD	1300		35012	2236	2285	3259	4864	861	356
July 15/16	676		53981	2300	6365	2861	1654	343	252
Jul 21(6hr)	698		49130	1268	5012	1052	333	30	109
July 21/22	698		88705	3191	13011	3208	529	178	412
TFW Jul 21	2072		191816	6759	24388	7121	2516	551	773
TTD	3372		226828	9045	26673	10380	7380	1412	1129
July 23	698		58962	1970	15580	2038	539	146	342
July 24	698		63763	2980	16630	2165	542	194	494
Jul 28(6hr)	870		53109	1306	17370	1082	137	23	329
July 28/29	867		89687	3497	55246	1806	307	65	556
TFW Jul 28	3133		265521	9753	104826	7091	1525	428	1721
TTD	6505		492349	18798	131499	17471	8905	1840	2850

July 30	867		90361	2277	63554	1563	203	38	468
August 4/5	596		52354	3687	118599	1585	160	43	499

TFW Aug 4	1463		142715	5964	182153	3148	363	81	967

TTD	7968		635064	24762	313652	20619	9268	1921	3817
=====									
August 6	444		28732	2713	62809	1373	130	23	241
		18	3290	275	32759	336	31	0	0
August 7	347		28135	4274	71500	944	114	23	234
		17	2092	1365	31111	388	111	0	0
August 11/12	255		24107	2467	77876	712	81	14	214

TFW Aug 11	1046	35	86356	11094	276055	3753	467	60	689

TTD GN	9014		716038	34216	525837	23648	9593	1981	4506
TTD SN		35	5382	1640	63870	724	142	0	0
TTD ALL			721420	35856	589707	24372	9735	1981	4506
=====									
August 13	232		21016	2367	65313	545	44	30	114
August 14	224		18138	1757	59964	409	35	7	251
August 15	170		10452	1129	44756	299	34	1	121
		11	458	126	12521	317	56	0	19
August 16/17 (28 hr)		12	1473	0	28951	0	0	0	0
August 18/19	97		3939	1559	26549	265	64	6	137

TFW Aug 18	723	23	55476	6938	238054	1835	233	44	642

TTD GN	9737		769583	41028	722419	25166	9770	2025	5129
TTD SN		58	7313	1766	105342	1041	198	0	19
TTD ALL			776896	42794	827761	26207	9968	2025	5148
=====									
August 20	72		1925	764	16129	379	15	0	121
August 21	63		1647	759	15317	301	6	0	75
August 22	39		1949	643	18038	272	5	1	27

TFW Aug 25	174		5521	2166	49484	952	26	1	223

TTD GN	9911		775104	43194	771903	26118	9796	2026	5352
TTD SN		58	7313	1766	105342	1041	198	0	19
TTD ALL			782417	44960	877245	27159	9994	2026	5371
=====									

August 26/27	43		1150	468	7563	131	4	0	61
August 28	18		279	182	2616	34	0	0	29
August 29	18		430	239	3446	24	1	0	27
		1	50	50	1900	0	0	0	0
August 30	11		153	163	3153	23	2	3	14
August 31	11		66	130	808	15	2	0	7

TFW Sep 1	101	1	2128	1232	19486	227	9	3	138
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TTD GN	10012		777182	44376	789489	26345	9805	2029	5490
TTD SN		59	7363	1816	107242	1041	198	0	19
TTD ALL			784545	46192	896731	27386	10003	2029	5509

Sep 2/3	30		323	750	2479	95	7	1	44
Sep 4	28		461	784	2779	72	5	5	27
		1	0	0	10	0	1	0	0
Sep 5	21		129	564	977	38	4	0	27
Sep 6	26		188	668	1293	76	7	0	36

TFW Sep 8	105	1	1101	2766	7538	281	24	6	134
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TTD GN	10117		778283	47142	797017	26626	9828	2035	5624
TTD SN		60	7363	1816	107252	1041	199	0	19
TTD ALL			785646	48958	904269	27667	10027	2035	5643

Sep 10/11	29		29	429	122	48	0	0	5
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TFW Sep 15	29		29	429	122	48	0	0	5
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TTD GN	10146		778312	47571	797139	26674	9828	2035	5629
TTD SN		60	7363	1816	107252	1041	199	0	19
TTD ALL			785675	49387	904391	27715	10027	2035	5648

APPENDIX IV
WEEKLY RECORD OF AREA 4 IFF

INDIAN FOOD FISHERY 1990

The Indian Food Fishery in Area 4 in 1990 consisted of a combination of two band licences, issued to Metlakatla and Kitsumkalum band, and a series of 24 hour openings which are open to any status Indian in Canada. Licences for the open fisheries are issued over the counter at Prince Rupert. The early fishery has been managed to harvest 20,000 sockeye, with the first open fishery being in the last week of May. Opening at this time allows for a harvest of chinook salmon for the first few openings, generally prior to the arrival of sockeye. With the increased escapement of chinook in recent years, combined with the increasing number of licences issued, this chinook harvest is becoming greater every year.

The Metlakatla band was issued a licence from mid-January to May 31 to fish salmon by troll or gillnet.

Kitsumkalum Band was issued a permit to fish salmon by means of troll from April 27 to May 15, 1990.

12 NOON MAY 23 TO 12 NOON MAY 24

- 34 licences issued to 32 boats
- 30 boats fished
- 29 licences checked

-Catch:

1-0-0-0-60 -11
Av-.03-0-0-0-2.1-.4

Majority of fishing took place in Inverness Pass

Steelhead were mainly kelts

A major freshet is beginning.

Petrel Rock monitored the fishery both days, obtaining first set information the first day and final figures the second day. Final figures are also collected at the dock at Port Ed, and at the counter in Prince Rupert when next week's licences are issued.

12 NOON MAY 30 TO 12 NOON MAY 31

- 40 Licences issued for 37 boats
- 35 Boats fished
- 23 Boats checked

-Catch: 3-0-0-0-126- 2
Av. :.09-0-0-0-3.6-.04

-TTD: 4-0-0-0-186-13

Fishing took place in Inverness Pass, outside Smith, and in the river.

Steelhead were predominantly kelts.

A major freshet is occurring, making the water very muddy right out to Porcher Island. pg. 8

Petrel Rock monitored fishery on Wednesday and Thursday. Hails were also obtained at Port Ed by vehicle, and at the counter.

12 NOON JUNE 6 TO 12 NOON JUNE 7

-50 Licences issued to 48 boats
-43 Boats fished
-31 Licences checked

Catch: 43-0-0-0-241-18
Av. : 1-0-0-0-5.6-.4

TTD: 47-0-0-0-427-31

Petrel Rock monitored fishery, and hails were collected on the grounds and at the counter the following week.

Steelhead are predominantly kelts, with most live fish being released. The fishermen do not want these fish, and only keep them when dead.

Most of the gear in Inverness, River, and outside Smith Island.

Wide variety of nets being used. The spring nets being used are very selective, with few sockeye or steelhead being reported by anyone using one.

12 NOON JUNE 13 TO 12 NOON JUNE 14

*Metlakatla Band has a licence from 12 noon June 13 to 6 PM June 15.

-63 Licences issued to 60 boats
-52 Boats fished
-32 Licences checked

Catch: 399-0-0-0-308-0
Av.: 7.7-0-0-0-5.9-0

TTD: 446-0-0-0-735-31

The Petrel Rock monitored the fishery on both days, but broke down after getting only two hails on Thursday. Further figures were collected on shore at Port Ed. In addition, figures were collected at the counter in Prince Rupert prior to next weeks fishery.

Most of the gear continues to be in Inverness, Outside Smith, and in the river. No known steelhead were kept, although a number were released.

12 NOON JUNE 21 TO 12 NOON JUNE 22

*Metlakatla Band has a licence from 12 noon June 21 to 6:00PM June 23.

-95 licences issued to 90 boats
-86 boats fished
-47 licences checked

Catch: 1023- 0- 2- 2-482- 2

Average: 11.9- 0- 0- 0-5.6- 0

TTD: 1469- 0- 2- 2-1217-33

Rambler: R/G/S

Petrel: 4-12

Zona G: 4-4, 4-9

Very little effort reported by Zona G (1 boat), so will move him next week. Good weather.

12 NOON JUNE 28 TO 12 NOON JUNE 29

*Metlakatla Band has a licence from 12 noon June 28 to 12 noon June 30.

-91 licences issued to 88 boats

-82 boats fished

-34 licences checked

Catch: 1859- 0- 0- 2-608- 19

Average: 22.7- 0- 0- 0-7.4- .2

TTD: 3328- 0- 2- 4-1825-52

Rambler: R/G/S

Petrel: 4-12

Zona G: North Boundary

Metlakatla Band had two days this week instead of their usual three due to possible conflicts with commercial fisheries.

12 NOON JULY 4 TO 12 NOON JULY 5

*Metlakatla Band has a licence from 12 noon July 4 to 6 PM July 6.

-102 licences issued to 97 boats

-87 boats fished

-68 licences checked

Catch: 2601- 4- 4- 4-731- 10

Average: 30-.1-.1-.1-8.4- .1

TTD: 6322- 4- 6- 8-2616-61

Rambler: R/G/S

Petrel: 4-12

Zona G: North Boundary

Fishing remains very slow. Most of the effort concentrated in River and off Smith Island.

12 NOON JULY 11 TO 12 NOON JULY 12

*Metlakatla Band has a licence from 12 noon July 11 to 6 PM July 12. pg.10

-170 licences issued to 167 boats
-151 boats fished
-36 licences checked

Catch: 15553- 60- 106- 166- 831- 45
Average: 103- .4- .7- 1.1- 5.5- .3

TTD: 21875- 64- 112- 174-3447-106

Rambler: R/G/S
Petrel: H.B.P.
Zona G: Edye Pass
Sundancer: N. Boundary

Fishing was very good in all areas, with Oceanic through the Gap and into the lower River producing the best catches. High boat reporting had 260 sockeye, with many more in the 150 range.

One seine boat also went out this week, attempting to catch fish for the Metlakatla band. On Wednesday he was issued a licence for 6 hours, and he caught 40 sockeye. He came in for an extension to his licence, and was issued one for 10 hours on Thursday. Total catch for the two days was 80 sockeye.

With the total sockeye catch reaching over 21,000, the open fishery was closed, and Metlakatla band and the Tsimshian Tribal Council was notified of this fact. Further licences will be available to Metlakatla Band upon request.

1800h July 17 to 1800h July 18 - Metlakatla Band Only

Total band catch to date: 1363 sockeye. Total for this opening: 12 boats for 1582sk. TTD:2945 for band.
TTD: 24820-64-112-174-3447-106

1800h July 25 to 1800h July 26 - Metlakatla Band Only

7 gn fished: 937-0-78-6-6
TTD: 25757-64-190-180-3453-106

1800h August 1 to 1800h August 2 - Metlakatla Band Only

14 gn fished: 1020-0-210-0-0
TTD: 26777-64-400-180-3452-106

This was the last licence requested by the band for the sockeye fishery.

1200h September 12 to 1200h September 13

The regular fishery scheduled for September 5-6 was cancelled due to the commercial fishery running four days that week. Also, no interest was expressed to hold this fishery. The first of the fall fisheries was held September 12-13. One licence was issued, no catch was reported.

1200h September 19 to 1200h September 20

Two licences were issued for this fishery, no catch was reported.

1200h September 26 to 1200h September 27

No-one applied for a licence this opening.

Metlakatla Band obtained a licence valid from September 25 to December 31. 1990. This licence was for gillnet or troll.

INDIAN FOOD FISH CATCH COMPARISONS
1985 TO 1990

YEAR DATE	BOATS	CATCH						CPUE					
		SK	CO	-PK	-CH	CK	ST	SK	CO	-PK	-CH	CK	ST
<u>WEEK ENDING MAY 20</u>													
1985 MAY 14/15	8	0	0	0	0	4	0	0	0	0	0	0.5	0
MAY 15/16	8	0	0	0	0	4	0	0	0	0	0	0.5	0
TTD		0	0	0	0	8	0						
<u>WEEK ENDING MAY 27</u>													
1985 MAY 21/22	11	3	0	0	0	11	3	0.3	0	0	0	1	-0.3
MAY 22/23	11	3	0	0	0	11	2	0.3	0	0	0	1	-0.2
TTD		6	0	0	0	30	5						
1987 MAY 20/21	8	0	0	0	0	18	4	0	0	0	0	2.3	-0.5
MAY 21/22	8	0	0	0	0	18	3	0	0	0	0	2.3	-0.4
TTD		0	0	0	0	36	7						
1988 MAY 25/26	37	11	0	0	3	107	24	0.3	0	0	-0.1	2.9	-0.6
TTD		11	0	0	3	107	24						
1989 MAY 24/25	54	7	0	0	0	151	27	0.1	0	0	0	2.8	-0.5
TTD		0	0	0	0	151	27						
1990 MAY 23/24	30	1	0	0	0	60	11	0	0	0	0	2.1	-0.4
TTD		1	0	0	0	60	11						
<u>WEEK ENDING JUNE 3</u>													
1985 MAY 28/29	13	20	0	0	0	20	7	1.5	0	0	0	1.5	-0.5
MAY 29/30	13	20	0	0	0	20	6	1.5	0	0	0	1.5	-0.5
TTD		46	0	0	0	70	18						
1986 MAY 28/29	18	0	0	0	0	46	3	0	0	0	0	2.6	-0.2
MAY 29/30	18	0	0	0	0	46	3	0	0	0	0	2.6	-0.2
TTD		0	0	0	0	92	6						
1987 MAY 27/28	15	0	0	0	0	45	8	0	0	0	0	3	-0.5
MAY 28/29	15	0	0	0	0	45	7	0	0	0	0	3	-0.5
TTD		0	0	0	0	126	22						
1988 JUN 1/2	40	48	0	0	64	132	8	1.2	0	0	-1.6	3.3	-0.2
TTD		59	0	0	67	239	32						
1989 MAY 31/01	56	84	0	0	0	157	50	1.5	0	0	0	2.8	-0.9
TTD		91	0	0	0	308	77						
1990 MAY 30/31	35	3	0	0	0	126	2	0.1	0	0	0	3.6	0
TTD		4	0	0	0	186	13						

INDIAN FOOD FISH CATCH COMPARISONS
1985 TO 1990

pg. 13

YEAR DATE	BOATS	CATCH						CPUE					
		SK	-CO	-PK	-CH	-CK	-ST	SK	-CO	-PK	-CH	-CK	-ST
WEEK ENDING JUNE 10													
1985 JUN 4/5	11	55	- 0	- 0	- 0	- 39	- 11	5	- 0	- 0	- 0	- 3.5	- 1
JUN 5/6	11	55	- 0	- 0	- 0	- 38	- 11	5	- 0	- 0	- 0	- 3.5	- 1
TTD		156	- 0	- 0	- 0	- 147	- 40						
1986 JUN 5/6	20	16	- 0	- 0	- 0	- 200	- 14	0.8	- 0	- 0	- 0	- 10	-0.7
TTD		16	- 0	- 0	- 0	- 292	- 20						
1987 JUN 3/4	14	4	- 0	- 0	- 0	- 77	- 4	0.3	- 0	- 0	- 0	- 5.5	-0.3
JUN 4/5	14	3	- 0	- 0	- 0	- 77	- 3	0.2	- 0	- 0	- 0	- 5.5	-0.2
TTD		7	- 0	- 0	- 0	- 280	- 29						
1988 JUN 8/9	45	103	- 0	- 0	- 0	- 171	- 59	2.3	- 0	- 0	- 0	- 3.8	-1.3
TTD		162	- 0	- 0	- 67	- 410	- 91						
1989 JUN 7/8	60	338	- 0	- 0	- 0	- 286	- 54	5.6	- 0	- 0	- 0	- 4.8	-0.9
TTD		429	- 0	- 0	- 0	- 594	- 131						
1990 JUN 6/7	43	43	- 0	- 0	- 0	- 241	- 18	1	- 0	- 0	- 0	- 5.6	-0.4
		47	- 0	- 0	- 0	- 427	- 31						

WEEK ENDING JUNE 17

1985 JUN 11/12	23	345	- 0	- 0	- 0	- 46	- 6	15	- 0	- 0	- 0	- 2	-0.3
JUN 12/13	23	345	- 0	- 0	- 0	- 46	- 6	15	- 0	- 0	- 0	- 2	-0.3
TTD		846	- 0	- 0	- 0	- 239	- 62						
1986 JUN 12/13	20	100	- 0	- 0	- 0	- 420	- 20	5	- 0	- 0	- 0	- 21	- 1
TTD		116	- 0	- 0	- 0	- 712	- 40						
1987 JUN 11/12	25	125	- 0	- 0	- 0	- 375	- 100	5	- 0	- 0	- 0	- 15	- 4
TTD		132	- 0	- 0	- 0	- 655	- 129						
1988 JUN 15/16	72	1094	- 12	- 0	- 35	- 648	- 22	15.2	-0.2	- 0	-0.5	- 9	-0.3
TTD		1256	- 12	- 0	-102	-1058	- 113						
1989 JUN 14/15	73	803	- 0	- 0	- 3	- 329	- 37	11	- 0	- 0	- 0	- 4.5	-0.5
TTD		1232	- 0	- 0	- 3	- 923	- 168						
1990 JUN 13/14	51	399	- 0	- 0	- 0	- 308	- 0	7.7	- 0	- 0	- 0	- 5.9	- 0
TTD		446	- 0	- 0	- 0	- 735	- 31						

INDIAN FOOD FISH CATCH COMPARISONS
1985 TO 1990

pg. 14

YEAR DATE	BOATS	CATCH						ST	CPUE						
		SK	CO	PK	CH	CK	ST		SK	CO	PK	CH	CK	ST	
<u>WEEK ENDING JUNE 24</u>															
1985 JUN 18/19	35	1295	- 0	- 0	- 0	- 0	- 105	- 35	37	- 0	- 0	- 0	- 0	- 3	- 1
JUN 19/20	35	1050	- 0	- 0	- 0	- 0	- 105	- 105	30	- 0	- 0	- 0	- 0	- 3	- 3
TTD		3191	- 0	- 0	- 0	- 0	- 449	- 202							
1986 JUN 19/20	43	430	- 0	- 0	- 1	- 387	- 60		10	- 0	- 0	- 0	- 0	- 9	-1.4
TTD		546	- 0	- 0	- 1	-1099	- 100								
1987 JUN 18/19	35	1050	- 0	- 0	- 0	- 437	- 70		30	- 0	- 0	- 0	- 0	-12.5	- 2
TTD		1182	- 0	- 0	- 0	-1092	- 199								
1988 JUN 22/23	100	7400	- 4	- 0	-330	- 880	- 10		74	- 0	- 0	-3.3	- 8.8	-0.1	
TTD		8656	- 16	- 0	-432	-1938	- 123								
1989 JUN 21/22	132	1914	- 4	- 0	- 40	- 766	- 40		14.5	- 0	- 0	-0.3	- 5.8	-0.3	
TTD		3146	- 4	- 0	- 43	-1689	- 208								
1990 JUN 21/22	86	1023	- 0	- 2	- 2	- 482	- 2		11.9	- 0	- 0	- 0	- 5.6	- 0	
TTD		1469	- 0	- 2	- 2	-1217	- 33								
<u>WEEK ENDING JULY 1</u>															
1985 JUN 26/27	80	6720	- 10	- 10	- 80	-1040	- 560		84	-0.1	-0.1	- 1	- 13	- 7	
TTD		9911	- 10	- 10	- 80	-1489	- 762								
1986 JUN 26/27	65	2800	- 8	- 0	- 13	- 850	- 80		43	-0.1	- 0	-0.2	- 13	-1.2	
TTD		3346	- 8	- 0	- 14	-1949	- 180								
1987 JUN 25/26	55	4345	- 0	- 0	- 1	- 550	- 55		79	- 0	- 0	- 0	- 10	- 1	
TTD		5527	- 0	- 0	- 1	-1642	- 254								
1988 JUN 29/30	125	8680	- 37	- 3	-143	-1062	- 75		69	-0.3	- 0	-1.1	- 8.5	-0.6	
TTD		17336	- 53	- 3	-575	-3000	- 198								
1989 JUN 28/29	155	7254	- 0	- 14	- 47	-1426	- 78		46.8	- 0	-0.1	-0.3	- 9.2	-0.5	
TTD		10400	- 4	- 14	- 90	-3115	- 118								
1990 JUN 28/29	82	1469	- 0	- 2	- 2	-1217	- 33		22.7	- 0	- 0	- 0	- 7.4	-0.2	
TTD		3328	- 0	- 2	- 4	-1825	- 52								

INDIAN FOOD FISH CATCH COMPARISONS
1985 TO 1990

pg. 15

YEAR DATE	BOATS	CATCH						CPUE					
		SK	-CO	-PK	-CH	-CK	-ST	SK	-CO	-PK	-CH	-CK	-ST
WEEK ENDING JULY 8													
1985 JUL 3/4	50	5000	-100	-100	-25	-500	-400	100	-2	-2	-0.5	-10	-8
TTD		14911	-110	-110	-105	-1989	-1162						
1986 JUL 3/4	97	2910	-68	-10	-50	-514	-49	30	-0.7	-0.1	-0.5	-5.3	-0.5
TTD		6256	-76	-10	-64	-2463	-229						
1987 JUL 1/2	39	2574	-0	-27	-31	-123	-43	66	-0	-0.7	-0.8	-3.2	-1.1
TTD		8101	-0	-27	-32	-1765	-297						
1988 CLOSED FOR BALANCE													
1989 JUL 5/6	190	8095	-28	-50	-68	-677	-58	43	-0.2	-0.3	-0.4	-3.6	-0.3
TTD		18495	-32	-64	-158	-3792	-176						
1990 JUL 4/5	87	2601	-4	-4	-4	-731	-10	30	-0.1	-0.1	-0.1	-8.4	-0.1
TTD		6322	-4	-6	-8	-2616	-61						

WEEK ENDING JULY 15

1985 JUL 10 (12 HR FISHERY)	66	9900	-33	-330	-33	-132	-33	150	-0.5	-5	-0.5	-2	-0.5
		24811	-143	-440	-138	-2121	-1195						
1986 JUL 10 (10 HR FISHERY)	68	4880	-40	-59	-53	-220	-75	72	-0.6	-0.9	-0.8	-3.2	-1.1
		11136	-116	-69	-117	-2683	-304						
1987 JUL 8/9	100	8000	-10	-500	-40	-600	-100	80	-0.1	-5	-0.4	-6	-1
TTD		16101	-10	-527	-72	-2365	-397						
1988 CLOSED													
1989 CLOSED													
1990 JUL 11/12	151	15553	-60	-106	-166	-831	-45	103	-0.4	-0.7	-1.1	-5.5	-0.3
TTD		21875	-64	-112	-174	-3447	-106						

INDIAN FOOD FISH CATCH COMPARISONS
1985 TO 1990

pg. 16

YEAR DATE	BOATS	CATCH						CPUE					
		SK	-CO	-PK	-CH	-CK	-ST	SK	-CO	-PK	-CH	-CK	-ST

WEEK ENDING JULY 22

1985 CLOSED

1986 JULY 17	95	10720	-110	-360	-97	-153	-153	113	-1.2	-3.8	-1	-1.6	-1.6
(10 HR FISHERY)		21856	-226	-429	-214	-2836	-457						

1987 JULY 15	100	8425	-40	-1980	-13	-241	-26	84	-4	-20	-0.1	-2.4	-0.3
(7 HR FISHERY)		24526	-50	-2507	-85	-2606	-423						

1988 CLOSED

1989 CLOSED

1990 CLOSED

WEEK ENDING JULY 29

CLOSED ALL YEARS
OPEN FOR THREE FISHERIES IN SEPTEMBER

APPENDIX V

SKEENA RIVER FISHERY ESCAPEMENT ESTIMATES

Skeena River Sockeye Escapement Estimate - Mean Length Method

		1990								
DATE	MEAN CATCH PER HR	DAILY ESC.	WEEKLY ESC.	CUM. ESC.	ADJ. DAILY ESC.	ADJ. WEEKLY ESC.	ADJ. CUM. ESC.	WEEKLY DESIRED ESC.	CUM. ESC.	
JUNE	4	!	!	!	!	!	!	!	!	
	5	!	!	!	!	!	!	!	!	
	6	!	!	!	!	!	!	!	!	
	7	!	!	!	!	!	!	!	!	
	8	!	!	!	!	!	!	!	!	
	9	!	!	!	!	!	!	!	!	
	10	0.00	0	0	0	0	0	0		
	11	1.36	886	886	886	949	949	949		
	12	0.46	300	1186	1186	321	1270	1270		
	13	0.00	0	1186	1186	0	1270	1270		
	14	0.47	306	1492	1492	328	1598	1598		
	15	1.24	808	2300	2300	865	2463	2463		
	16	1.56	1016	3316	3316	1088	3551	3551	12888 12888	
	17	1.19	830	830	4381	728	728	4279		
	18	1.33	928	1758	5309	814	1542	5093		
	19	2.78	1939	3697	7248	1702	3244	6795		
	20	4.08	2846	6543	10094	2497	5741	9292		
	21	0.94	656	7199	10750	575	6316	9867		
	22	0.62	432	7631	11182	380	6696	10247		
	23	2.34	1632	9263	12814	1432	8128	11679	25382 38270	
	24	1.74	1065	1065	12744	1139	1139	12818		
	25	1.87	1145	2210	13889	1224	2363	14042		
	26	3.23	1977	4187	15866	2115	4478	16157		
	27	1.88	1151	5338	17017	1231	5709	17388		
	28	5.86	3587	8925	20604	3837	9546	21225		
	29	1.90	1163	10088	21767	1244	10790	22469		
	30	7.56	4627	14715	26394	4950	15740	27419	53621 91891	
JULY	1	6.51	4263	4263	31682	4054	4054	31473		
	2	1.31	858	5121	32540	816	4870	32289		
	3	0.31	203	5324	32743	193	5063	32482		
	4	2.43	1591	6915	34334	1513	6576	33995		
	5	10.04	6574	13489	40908	6252	12828	40247		
	6	5.02	3287	16776	44195	3126	15954	43373		
	7	11.60	7596	24372	51791	7223	23177	50596	76953 168844	
	8	7.78	4845	4845	55441	5510	5510	56106		
	9	3.24	2122	6967	57563	2295	7805	58401		
	10	7.54	4937	11904	62500	5340	13145	63741		
	11	6.90	4518	16422	67018	4887	18032	68628		
	12	9.33	6109	22531	73127	6608	24640	75236		
	13	22.02	14419	36950	87546	15595	40235	90831		
	14	30.52	19984	56934	107530	21614	61849	112445	117700 286544	
	15	31.33	22188	22188	134633	20014	20014	132459		
	16	20.97	14851	37039	149484	13396	33410	145855		
	17	27.86	19730	56769	169214	17797	51207	163652		
	18	45.73	32386	89155	201600	29212	80419	192864		
	19	66.96	47421	136576	249021	42774	123193	235638		
	20	36.46	25821	162397	274842	23291	146484	258929		
	21	53.17	37655	200052	312497	33965	180449	292894	186517 473061	

Skeena River Sockeye Escapement Estimate - Mean Length Method

		1990			ADJ.	ADJ.	ADJ.	WEEKLY		
DATE	MEAN CATCH PER HR	DAILY ESC.	WEEKLY ESC.	CUM. ESC.	DAILY ESC.	WEEKLY ESC.	CUM. ESC.	DESIRED ESC.	CUM. ESC.	

JULY	22	17.70	11307	11307	304201	12629	12629	305523		
	23	10.00	6388	17695	310589	7135	19764	312658		
	24	5.16	3296	20991	313885	3682	23446	316340		
	25	18.17	11607	32598	325492	12964	36410	329304		
	26	43.95	28075	60673	353567	31358	67768	360662		
	27	50.96	32553	93226	386120	36360	104128	397022		
	28	58.04	37076	130302	423196	41412	145540	438434	214939	688000

	29	18.77	13392	13392	451826	12491	12491	450925		
	30	15.16	10817	24209	462643	10089	22580	461014		
	31	35.07	25022	49231	487665	23339	45919	484353		
AUG	1	29.17	20813	70044	508478	19413	65332	503766		
	2	38.61	27548	97592	536026	25695	91027	529461		
	3	39.21	27976	125568	564002	26094	117121	555555		
	4	35.70	25472	151040	589474	23758	140879	579313	161535	849535

	5	18.64	12405	12405	591718	11807	11807	591120		
	6	4.24	2822	15227	594540	2686	14493	593806		
	7	6.73	4479	19706	599019	4263	18756	598069		
	8	19.21	12784	32490	611803	12168	30924	610237		
	9	26.81	17842	50332	629645	16981	47905	627218		
	10	30.78	20484	70816	650129	19496	67401	646714		
	11	20.68	13763	84579	663892	13099	80500	659813	92336	941871

	12	18.61	11788	11788	671601	12385	12385	672198		
	13	11.67	7392	19180	678993	7766	20151	679964		
	14	9.93	6290	25470	685283	6608	26759	686572		
	15	9.29	5884	31354	691167	6182	32941	692754		
	16	8.01	5074	36428	696241	5331	38272	698085		
	17	6.89	4364	40792	700605	4585	42857	702670		
	18	9.20	5827	46619	706432	6123	48980	708793	46425	988296

	19	5.07	3374	3374	712167	3292	3292	712085		
	20	6.91	4599	7973	716766	4487	7779	716572		
	21	3.44	2289	10262	719055	2234	10013	718806		
	22	5.91	3933	14195	722988	3838	13851	722644		
	23	5.55	3694	17889	726682	3604	17455	726248		
	24	6.80	4525	22414	731207	4416	21871	730664		
	25	7.53	5011	27425	736218	4890	26761	735554	14454	1002750

	26	7.61	4942	4942	740496					
	27	0.85	552	5494	741048					
	28	2.08	1351	6845	742399					
	29	6.31	4098	10943	746497					
	30	2.45	1591	12534	748088					
	31	1.61	1046	13580	749134					
SEPT	1	4.51	2929	16509	752063				1869	1004619

	2	0.91	591	591	752654					
	3	1.25	812	1403	753466					
	4	0.90	584	1987	754050					
	5	0.00	0	1987	754050					
	6	2.33	1513	3500	755563					
	7	0.45	292	3792	755855					
	8	0.47	305	4097	756160					

Skeena River Pink Escapement Estimate

1990

DATE	MEAN CATCH PER HR	DAILY ESC.	WEEKLY ESC.	CUM. ESC.	DESIRED ESC.	CUM. ESC.
JUNE 4	!	!	!	!	!	!
5	!	!	!	!	!	!
6	!	!	!	!	!	!
7	!	!	!	!	!	!
8	!	!	!	!	!	!
9	!	!	!	!	!	!
10	!	!	!	!	!	!
11	!	!	!	!	!	!
12	!	!	!	!	!	!
13	!	!	!	!	!	!
14	!	!	!	!	!	!
15	!	!	!	!	!	!
16	!	!	!	!	!	!
17	!	!	!	!	!	!
18	!	!	!	!	!	!
19	!	!	!	!	!	!
20	!	!	!	!	!	!
21	!	!	!	!	!	!
22	!	!	!	!	!	!
23	!	!	!	!	!	!
24	!	!	!	!	!	!
25	!	!	!	!	!	!
26	!	!	!	!	!	!
27	!	!	!	!	!	!
28	!	!	!	!	!	!
29	!	!	!	!	!	!
30	!	!	!	!	!	!
JULY 1	!	!	!	!	!	!
2	!	!	!	!	!	!
3	!	!	!	!	!	!
4	!	!	!	!	!	!
5	!	!	!	!	!	!
6	!	!	!	!	!	!
7	!	!	!	!	1400	1400
8	!	!	0	0	!	!
9	!	!	0	0	!	!
10	!	!	0	0	!	!
11	!	!	0	0	!	!
12	!	!	0	0	!	!
13	0.45	675	675	675	!	!
14	0.40	600	1275	1275	8600	10000
15	0.22	330	330	1605	!	!
16	0.00	0	330	1605	!	!
17	1.76	2640	2970	4245	!	!
18	0.83	1245	4215	5490	!	!
19	1.53	2295	6510	7785	!	!
20	3.05	4575	11085	12360	!	!
21	1.82	2730	13815	15090	16400	26400

Skeena River Pink Escapement Estimate

1990

DATE	MEAN CATCH PER HR	DAILY ESC.	WEEKLY ESC.	CUM. ESC.	DESIRED ESC.	CUM. ESC.
JULY 22	1.15	1725	1725	16815		
23	1.38	2070	3795	18885		
24	0.94	1410	5205	20295		
25	7.46	11190	16395	31485		
26	4.68	7020	23415	38505		
27	18.24	27360	50775	65865		
28	29.37	44055	94830	109920	81400	107800
29	9.43	14145	14145	124065		
30	18.36	27540	41685	151605		
31	32.39	48585	90270	200190		
AUG 1	18.82	28230	118500	228420		
2	24.27	36405	154905	264825		
3	46.13	69195	224100	334020		
4	39.48	59220	283320	393240	153900	261700
5	24.79	37185	37185	430425		
6	24.57	36855	74040	467280		
7	18.09	27135	101175	494415		
8	34.57	51855	153030	546270		
9	34.68	52020	205050	598290		
10	29.97	44955	250005	643245		
11	30.66	45990	295995	689235	266300	528000
12	29.63	44445	44445	733680		
13	49.27	73905	118350	807585		
14	39.16	58740	177090	866325		
15	32.33	48495	225585	914820		
16	15.64	23460	249045	938280		
17	44.28	66420	315465	1004700		
18	23.12	34680	350145	1039380	258200	786200
19	13.32	19980	19980	1059360		
20	17.43	26145	46125	1085505		
21	39.00	58500	104625	1144005		
22	30.83	46245	150870	1190250		
23	36.44	54660	205530	1244910		
24	19.45	29175	234705	1274085		
25	55.74	83610	318315	1357695	160600	946800
26	72.70	109050	109050	1466745		
27	32.83	49245	158295	1515990		
28	22.41	33615	191910	1549605		
29	62.23	93345	285255	1642950		
30	18.03	27045	312300	1669995		
31	24.16	36240	348540	1706235		
SEPT 1	38.86	58290	406830	1764525	40300	987100
2	15.37	23055	23055	1787580		
3	6.65	9975	33030	1797555		
4	6.82	10230	43260	1807785		
5	5.20	7800	51060	1815585		
6	3.26	4890	55950	1820475		
7	1.36	2040	57990	1822515		
8	2.84	4260	62250	1826775	12900	1000000

Age composition of sockeye in Skeena test fishery, 1990.

WEEK ENDING	3-1		4-1		4-2		5-2		5-3		6-3		OTHER	
	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
JUNE 9														
16	0	0.0	0	0.0	4	23.5	7	41.2	1	5.9	4	23.5	1	5.9
23	0	0.0	0	0.0	9	24.3	14	37.8	8	21.6	5	13.5	1	2.7
JULY 7	0	0.0	0	0.0	18	23.4	41	53.2	15	19.5	2	2.6	1	1.3
14	0	0.0	0	0.0	30	33.3	47	52.2	6	6.7	7	7.8	0	0.0
21	0	0.0	0	0.0	55	34.6	95	59.7	7	4.4	2	1.3	0	0.0
28	0	0.0	0	0.0	72	46.8	69	44.8	11	7.1	2	1.3	0	0.0
AUG. 4	0	0.0	0	0.0	82	48.2	81	47.6	4	2.4	3	1.8	0	0.0
11	0	0.0	0	0.0	65	42.5	84	54.9	2	1.3	2	1.3	0	0.0
18	0	0.0	1	0.6	88	55.0	64	40.0	4	2.5	2	1.3	1	0.6
25	0	0.0	0	0.0	44	49.4	42	47.2	1	1.1	2	2.2	0	0.0
SEPT 1	0	0.0	0	0.0	9	56.3	7	43.8	0	0.0	0	0.0	0	0.0

Age composition of sockeye in Area 4 commercial fishery, 1990.

WEEK ENDING	3-1		4-1		4-2		5-2		5-3		6-3		OTHER	
	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
JUNE 30	0	0.0	0	0.0	33	20.8	75	47.2	31	19.5	19	11.9	1	0.6
JULY 7	0	0.0	0	0.0	37	20.6	91	50.6	35	19.4	17	9.4	0	0.0
14	0	0.0	0	0.0	34	16.7	137	67.5	20	9.9	12	5.9	0	0.0
21	0	0.0	0	0.0	16	7.9	165	81.3	12	5.9	10	4.9	0	0.0
28	0	0.0	0	0.0	37	17.4	158	74.2	10	4.7	8	3.8	0	0.0
AUG. 4	0	0.0	1	0.2	125	26.5	336	71.3	6	1.3	3	0.6	0	0.0
11	0	0.0	0	0.0	144	29.0	344	69.2	3	0.6	5	1.0	1	0.2
18	0	0.0	0	0.0	55	29.7	123	66.5	2	1.1	5	2.7	0	0.0
25	0	0.0	0	0.0	96	54.5	74	42.0	4	2.3	2	1.1	0	0.0

SKEENA SOCKEYE STOCK STATUS, 1990.

WEEK ENDING	WEEKLY ESC.	WEEKLY CATCH	WEEKLY STOCK	CUM. STOCK
JUNE 9	0		0	0
16	3551		3551	3551
23	8128		8128	11679
30	15740	7677	23417	35096
JULY 7	23177	10385	33562	68658
14	61849	16950	78799	147457
21	180449	191816	372265	519722
28	145540	265431	410971	930693
AUG. 4	140879	142715	283594	1214287
11	80500	86356	166856	1381143
18	48980	55476	104456	1485599
25	26761	5521	32282	1517881
SEPT. 1	16509	2128	18637	1536518
8	4097	1101	5198	1541716
15	305	29	334	1542050

SKEENA PINK STOCK STATUS, 1990.

WEEK ENDING	WEEKLY ESC.	WEEKLY CATCH	WEEKLY STOCK	CUM. STOCK
JUNE 30		176	176	176
JULY 7	0	1237	1237	1413
14	1275	872	2147	3560
21	13815	24388	38203	41763
28	94830	104826	199656	241419
AUG 4	283320	182153	465473	706892
11	295995	276055	572050	1278942
18	350145	238055	588200	1867142
25	318315	49484	367799	2234941
SEPT 1	406830	18667	425497	2660438
8	62250	7548	69798	2730236
15	1395	122	1517	2731753

APPENDIX VI
1990 BABINE FENCE COUNTS

As in years past a commercial harvest of Jack Sockeye was carried out at the fence by members of the Fort Babine village. In 1990 a total of 31,408 Jacks were taken. This number is included in the fence count.

The Babine River Hatchery staff took 21 Chinook of each sex for broodstock purposes. As these fish had passed through the fence at the time of capture they are included in the escapement counts as well.

1990 population estimates for the Upper and Lower Babine River are as follows (estimated by carcass and tag recovery).

Lower Babine River (Nilkitkwa Lake to the Counting Fence) =10,500

Upper Babine River (Fort Babine To Nilkitkwa Lake) = 150,000

Potential Babine Egg Deposition.

Total number of large sockeye = 978,646

Calculated # of females = 475,622

Number taken in Native Food Fishery = 19,570

Number of females taken in Native Food Fishery = 9,511

Number taken in Elder Fishery = 2,430

Number of females taken in Elder Fishery = 1,181

Number of females taken in all = 10,692

Number of females left for spawning = 464,930

Average Fork Length = 55.73

Potential Egg Deposition = 1,375,727,870

* (number of females x fecundity **)

** fecundity = (((average fork length) x 82.3) - 1628)

cc. S Farlinger
S. Barnetson
T. Turnbull

D. Southgate
R. Wilson
D. Einarson

BABINE RIVER 1990 SOCKEYE FENCE COUNTS.

Date	Daily JK. Sockeye	Cumulative JK.Sockeye	Daily Lrg. Sockeye	Cumulative Lrg.Sockeye
July 21	0	0	35	35
22	1	1	177	212
23	9	10	623	835
24	41	51	1356	2191
25	54	105	956	3147
26	124	229	1794	4941
27	232	461	3878	8819
28	920	1381	15088	23907
29	1291	2672	20470	44377
30	1304	3976	24471	68848
31	1231	5207	21154	90002
Aug 1	1304	6511	24209	114211
2	1190	7701	23390	137601
3	1166	8867	24009	161610
4	955	9822	26010	187620
5	1228	11050	27410	215030
6	1437	12487	27281	242311
7	1922	14409	26092	268403
8	1892	16301	22928	291331
9	1919	18220	26497	317828
10	1865	20085	30404	348232
11	2195	22280	33520	381752
12	2256	24536	33707	415459
13	2069	26605	28509	443968
14	1772	28377	36663	480631
15	1230	29607	28177	508808
16	1154	30761	19929	528737
17	1036	31797	18425	547162
18	1079	32876	20794	567956
19	1268	34144	22333	590289
20	1675	35819	23260	613549
21	1845	37664	25362	638911
22	1862	39526	19733	658644
23	2211	41737	24326	682970
24	2046	43783	20667	703637
25	1779	45562	18408	722045
26	2090	47652	18507	740552
27	2349	50001	19244	759796
28	2091	52092	16846	776642
29	2352	54444	17656	794298
30	2539	56983	16909	811207
31	2942	59925	15656	826863
Sept 1	2976	62901	19979	846842
2	2557	65458	15104	861946
3	2145	67603	13210	875156
4	1282	68885	9564	884720
5	1352	70237	9118	893838
6	916	71153	7123	900961
7	1469	72622	7020	907981

BABINE RIVER 1990 SOCKEYE FENCE COUNTS.

Date	Daily JK. Sockeye	Cumulative JK.Sockeye	Daily Lrg. Sockeye	Cumulative Lrg.Sockeye
Sept 8	1519	74141	7588	915569
9	1025	75166	5804	921373
10	1260	76426	6291	927664
11	943	77369	4302	931966
12	942	78311	4608	936574
13	1245	79556	4795	941369
14	835	80391	3634	945003
15	913	81304	3854	948857
16	987	82291	4649	953506
17	622	82913	2542	956048
18	710	83623	2801	958849
19	769	84392	3283	962132
20	682	85074	2241	964373
21	738	85812	2401	966774
22	632	86444	1856	968630
23	694	87138	1946	970576
24	748	87886	2139	972715
25	520	88406	1650	974365
26	288	88694	974	975339
27	186	88880	479	975818
28	175	89055	740	976558
29	100	89155	293	976851
30	144	89299	380	977231
Oct 1	62	89361	168	977399
2	49	89410	181	977580
3	46	89456	128	977708
4	28	89484	141	977849
5	44	89528	179	978028
6	17	89545	108	978136
7	12	89557	83	978219
8	16	89573	89	978308
9	25	89598	108	978416
10	7	89605	61	978477
11	14	89619	49	978526
12	5	89624	36	978562
13	4	89628	50	978612
14	3	89631	34	978646

BABINE RIVER 1990 CHINOOK FENCE COUNTS.

Date	Daily JK. Chinook	Cumulative JK. Chinook	Daily Lrg. Chinook	Cumulative Lrg. Chinook
July 23	0	0	1	1
24	0	0	0	1
25	6	6	0	1
26	3	9	0	1
27	0	9	2	3
28	2	11	1	4
29	7	18	6	10
30	11	29	14	24
31	3	32	8	32
Aug 1	1	33	8	40
2	4	37	1	41
3	4	41	5	46
4	5	46	2	48
5	10	56	12	60
6	10	66	7	67
7	17	83	52	119
8	19	102	14	133
9	20	122	32	165
10	17	139	29	194
11	23	162	31	225
12	21	183	27	252
13	13	196	24	276
14	34	230	89	365
15	28	258	107	472
16	11	269	24	496
17	10	279	16	512
18	4	283	12	524
19	6	289	23	547
20	4	293	18	565
21	7	300	11	576
22	11	311	43	619
23	9	320	53	672
24	12	332	36	708
25	4	336	27	735
26	5	341	20	755
27	10	351	27	782
28	12	363	38	820
29	14	377	17	837
30	8	385	24	861
31	6	391	17	878
Sept 1	12	403	32	910
2	8	411	22	932
3	11	422	26	958
4	8	430	22	980
5	6	436	31	1011
6	6	442	29	1040
7	4	446	23	1063
8	4	450	22	1085
9	0	450	28	1113
10	3	453	24	1137

BABINE RIVER 1990 CHINOOK FENCE COUNTS.

Date	Daily JK. Chinook	Cumulative JK. Chinook	Daily Lrg. Chinook	Cumulative Lrg. Chinook
Sept 11	7	460	18	1155
12	1	461	15	1170
13	2	463	13	1183
14	6	469	9	1192
15	3	472	18	1210
16	1	473	17	1227
17	1	474	20	1247
18	0	474	9	1256
19	0	474	23	1279
20	0	474	9	1288
21	0	474	15	1303
22	0	474	33	1336
23	0	474	49	1385
24	12	486	75	1460
25	1	487	43	1503
26	0	487	30	1533
27	0	487	11	1544
28	0	487	26	1570
29	0	487	10	1580
30	0	487	9	1589
Oct 1	0	487	6	1595
2	0	487	3	1598
3	0	487	4	1602
4	0	487	0	1602
5	1	488	0	1602
6	0	488	2	1604
7	0	488	0	1604
8	0	488	0	1604
9	0	488	0	1604
10	0	488	0	1604
11	1	489	0	1604
12	0	489	0	1604
13	0	489	0	1604
14	0	489	0	1604

BABINE RIVER 1990 PINK, COHO, STEELHEAD and CHUM COUNTS.

Date	Daily Pink	Cum. Pink	Daily Coho	Cum. Coho	Daily Sthd.	Cum. Sthd.	Daily Chum
July 30	7	7	0	0	0	0	0
31	5	12	0	0	0	0	0
Aug 1	21	33	0	0	0	0	0
2	31	64	0	0	0	0	0
3	99	163	0	0	0	0	0
4	136	299	0	0	0	0	0
5	352	651	0	0	0	0	0
6	919	1570	0	0	0	0	0
7	1040	2610	0	0	1	1	0
8	1220	3830	0	0	0	1	0
9	2078	5908	7	7	0	1	0
10	3262	9170	5	12	2	3	0
11	5717	14887	19	31	8	11	0
12	11691	26578	38	69	4	15	0
13	17708	44286	22	91	1	16	0
14	25049	69335	70	161	4	20	0
15	15778	85113	43	204	3	23	0
16	17051	102164	20	224	2	25	0
17	9850	112014	18	242	1	26	0
18	11492	123506	15	257	3	29	0
19	11205	134711	18	275	2	31	0
20	18654	153365	24	299	0	31	0
21	24160	177525	36	335	1	32	0
22	27192	204717	33	368	1	33	0
23	29758	234475	34	402	0	33	0
24	31073	265548	78	480	0	33	0
25	23355	288903	68	548	1	34	0
26	13692	302595	44	592	0	34	0
27	15838	318433	25	617	0	34	0
28	16384	334817	40	657	0	34	0
29	13075	347892	29	686	0	34	0
30	9666	357558	37	723	1	35	0
31	9361	366919	49	772	2	37	0
Sept 1	9415	376334	91	863	0	37	0
2	7524	383858	125	988	1	38	0
3	5681	389539	169	1157	0	38	0
4	4198	393737	102	1259	0	38	0
5	4494	398231	174	1433	0	38	0
6	4492	402723	189	1622	1	39	0
7	3957	406680	138	1760	0	39	0
8	2940	409620	138	1898	0	39	0
9	2498	412118	130	2028	0	39	0
10	1828	413946	121	2149	0	39	0
11	1352	415298	92	2241	0	39	0
12	1193	416491	136	2377	0	39	0
13	1206	417697	100	2477	0	39	0
14	1177	418874	84	2561	0	39	0
15	1241	420115	113	2674	0	39	0
16	847	420962	136	2810	0	39	0
17	741	421703	60	2870	0	39	0

BABINE RIVER 1990 PINK, COHO, STEELHEAD and CHUM COUNTS.

Date	Daily Pink	Cum. Pink	Daily Coho	Cum. Coho	Daily Sthd.	Cum. Sthd.	Daily Chum
Sept 18	637	422340	100	2970	1	40	0
19	748	423088	161	3131	1	41	0
20	644	423732	118	3249	0	41	0
21	706	424438	173	3422	0	41	0
22	451	424889	123	3545	1	42	0
23	388	425277	217	3762	0	42	1
24	443	425720	356	4118	1	43	0
25	165	425885	238	4356	0	43	0
26	171	426056	130	4486	0	43	0
27	21	426077	126	4612	0	43	0
28	71	426148	134	4746	0	43	0
29	19	426167	51	4797	0	43	0
30	2	426169	90	4887	1	44	0
Oct 1	1	426170	67	4954	0	44	0
2	1	426171	97	5051	0	44	0
3	1	426172	49	5100	0	44	0
4	0	426172	88	5188	1	45	0
5	1	426173	48	5236	0	45	0
6	0	426173	32	5268	0	45	0
7	0	426173	21	5289	1	46	0
8	0	426173	50	5339	0	46	0
9	0	426173	44	5383	0	46	0
10	0	426173	29	5412	0	46	0
11	0	426173	19	5431	0	46	0
12	0	426173	30	5461	0	46	0
13	0	426173	32	5493	0	46	0
14	0	426173	19	5512	0	46	0

APPENDIX VII
COHO MANAGEMENT

Coho returns to the Skeena were expected to be poor, and the restrictions for all user groups (except tidal water sport fishers) went into effect as scheduled. However, due to a fairly strong escapement index, and general abundance in the fishing areas, restrictions were relaxed earlier than expected. The following restrictions were implemented:

Native fishery: Planned: Closures in the Skeena River on August 7,8,9; 14,15,16; 21,22,23.

Actual: Closures in the Skeena River on August 7,8,9.

Note: Indian bands were advised of this closure, but did not agree to it, and fishing continued during this period.

Sport fishery: Planned: Closure to retention of coho in the Skeena and tribs all year above Terrace and until August 31 below Terrace.

Actual: At 0100h on August 13, sport fishermen were allowed to retain 1 coho over 50cm and 4 coho under 50cm per day (possession limit twice this) in Skeena and tribs.

Note: To limit all groups that catch coho, it is desirable to reduce the tidal water daily quota from 4 to 2. This was proposed, but was not accepted by the sport fishermen, and thus was not implemented!

Commercial net: Planned: Possibility of limiting fishing to 2 days/week in the weeks of August 5-11 and 12-18.

Actual: Opening at beginning of August 5-11 restricted to 2 days. On August 10, restriction was relaxed, and Area 4 re-opened on August 11, for a total of three days during this week. The week of August 12-18, we fished 4 days with gillnets, 2 regular days with seines, plus a 28 hour special seine fishery (non-retention of coho, steelhead, and chum).

Commercial troll: Planned: Closure in northern Hecate Strait (areas 104 and a portion of 102) from 0001h August 5 to 0001h August 19.

Actual: Closed from 0001h August 5 to 2359h August 13.

Our minimum escapement requirements, which we define as an index of 66 at the Tye test fishery by August 24, were met. The index on August 24 stood at 76.12.

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cumulative
July 13	.2	.2	.46	.46
July 20	1.8	2.0	3.73	4.19
July 27	4.4	6.4	6.14	10.33
August 03	13.1	19.5	12.79	23.12
August 10	17.6	37.1	16.84	39.96
August 17	17.0	54.1	16.08	56.04
August 24	11.9	66.0	20.08	76.12
		August 31	13.14	89.26
		September 07	24.17	113.43

On our last fishery of the year, on September 10/11, we actually were targetting coho, and so the mesh restriction of 137mm was dropped.

APPENDIX VIII
TROLL FISHERY

TROLL

Beginning with the July 1st gillnet opening, trolling in Area 4 was permitted during net fishing times in the sub-areas open to net fishing. On July 4, one troller was charged with fishing in area 4-1. He subsequently was convicted. Other reports of trollers working in area 4 were heard during the year, but no other violators were apprehended. The abundant coho holding in the area this year increased the incentive to poach during closed times.

At 2359h on August 24, sub-areas 4-1, -2, -3, -4, and -13 opened to trolling for all species except chinook. On September 01 at 0001h sub-area 4-5 opened as well, in response to requests from trollers who wanted to fish down the inside of Dundas from Area 3.

Resources did not permit accurate monitoring of this fishery. On September 12 hauls were obtained from the 15 boats working outside Big Bay, and they were averaging about 20 coho per day, with low boat of 10 coho and high boat of 31 coho.

There was also a troll closure in northern Hecate Strait in sub-areas 104 and 102-1 north of 53 degrees 52 minutes north latitude. This closure was designed to allow Skeena bound coho to pass through this area in safety. The area closed from 0001h August 5 to 2359h August 13.

Trolling closed for the season at 2359h on September 30.

APPENDIX IX
AREA 4 TRENDS AND AVERAGES

AREA 4 COMMERCIAL FISH CALCULATIONS

	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JACKS	STEELHEAD
1975	452719	13776	327159	7725	4359		
1976	466581	15389	117276	7782	2713		
1977	814813	24401	1137280	31323	6366		
1978	371774	45160	237591	43643	5367		
1979	1091612	30612	527796	31766	10193		
1980	308499	14732	106114	29567	6666		
1981	1374538	19028	835668	20670	12103	5265	7524
1982	1612407	48867	247753	29660	9652	15261	10591
1983	326145	32182	756296	17642	2828	801	4206
1984	1006699	49005	1216566	121416	11874	9525	31372
1985	2206315	68438	1831504	101228	20642	13013	29247
1986	496835	50407	1571111	46668	7148	1164	19535
1987	510145	15469	2020730	22632	5721	2737	8316
1988	1731682	21252	625468	210909	21331	4098	17823
1989	594758	21828	1056502	47057	11097	2061	3529
AVERAGES	891035	31370	840988	51313	9204	5992	14683
1990	785675	49387	904391	27715	10027	2035	5648

AREA 4 COMMERCIAL EFFORT

	GN DAYS	SN DAYS	GN BOAT DAYS	SN BOAT DAYS
1975	24	12	6281	656
1976	17.4	6.4	6511	53
1977	28	5	10791	610
1978	27.5	1.25	6312	45
1979	18.5	4	10763	36
1980	13	1	5726	10
1981	26	8	13170	401
1982	18	6	8799	827
1983	15	0	4699	0
1984	22.5	6.25	7973	806
1985	26.25	9	12618	819
1986	21	8	6095	93
1987	17	7	5803	215
1988	23.5	4	13964	219
1989	27.5	17.7	7451	75
AVERAGES	21.7	6.4	8464	324
1990	30.5	14.2	8970	62

	IFF CATCHES	SKEENA	TOTAL			
	SOCKEYE	COHO	PINK	CHUM	CHINOOK	STEELHEAD
1975	78229	5291	6597	650	3541	1053
1976	74131	3430	18035	400	2388	1205
1977	104143	3855	13752	1000	4940	777
1978	115920	6215	11152	600	4203	1001
1979	153948	2733	11922	436	3843	1031
1980	140665	4915	4670	1150	8660	3900
1981	115840	5325	23610	538	9901	5150
1982	208320	24500	38327	300	11700	7850
1983	140566	26690	98135	335	10276	15195
1984	178660	25164	42212	3077	9468	7787
1985	208080	10839	46710	1752	13430	11057
1986	146716	21266	36409	2424	20639	8073
1987	136627	7616	60016	628	11393	6408
1988	135436	1161	14801	1835	17445	6283
1989	149378	2714	38024	614	14814	1357
AVERAGES	139111	10114	30958	1049	9776	5208
1990	154755	8542	43365	750	22967	1806

Caution: 1984 to 1989 figures may change

ESCAPEMENTS

	SOCKEYE	COHO	PINK	CHUM	CHINOOK
1975	822633	22119	1767932	10375	20319
1976	582327	32891	693875	11071	13078
1977	951705	37634	976527	10927	29018
1978	464799	49963	724222	8153	22661
1979	1169486	24494	515638	5705	18488
1980	542964	31562	745567	25007	23429
1981	1424009	26691	1187865	9385	24523
1982	1139176	24396	750315	4614	17092
1983	893723	24913	2610062	1667	23562
1984	1055215	50609	1036942	29779	37598
1985	2174806	19974	2042345	12188	53599
1986	712802	53817	2324254	12760	59968
1987	1327628	32766	3180464	7652	59120
1988	1415593	11394	827490	108921	68705
1989	942814	44118	4672647	20331	57002
AVERAGES	1041312	32489	1603743	18569	35211
1990	989482	78102	2613020	6043	55976

INDEX ON AUG. 24

	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JACKS	STEELHEAD
1975	1529.04	63.04		14.34	121.90	13.78	51.57
1976	1142.44	67.13	492.30	44.37	91.29	5.57	105.80
1977	1637.59	99.30		33.41	96.48	36.74	67.85
1978	1117.61	110.10	808.18	43.02	63.20	47.65	90.52
1979	1798.70	28.16		41.06	147.66	31.14	55.27
1980	1535.32	73.50	614.56	173.62	102.51	17.84	86.38
1981	1822.51	57.81		36.65	110.93	26.35	99.88
1982	1986.63	62.46	324.94	29.41	83.16	30.94	142.85
1983	1283.77	61.97		21.17	126.06	33.25	44.73
1984	1336.29	70.98	673.32	97.49	189.00	47.72	192.14
1985	2550.75	45.29		9.57	178.78	35.55	130.73
1986	1135.42	50.70	872.18	18.46	247.39	38.91	155.22
1987	1130.26	29.71		23.83	235.17	44.87	76.49
1988	1628.39	23.37	446.57	133.20	231.12	15.67	131.57
1989	1265.89	79.04		52.67	213.06	36.97	70.83
AVERAGES	1526.71	61.50	604.58	51.48	149.18	30.86	100.12
1990	1101.68	76.12	849.49	25.43	218.58	35.92	82.98