

RECORD OF MANAGEMENT STRATEGIES
(RMS)
SALMON

W. H. H. H. H.
P. H. H. H. H.



1991

AREA

4

SALMON
RECORD OF MANAGEMENT STRATEGIES
FOR
1991
STATISTICAL AREA 4
DISTRICT 8

PREPARED BY
DAVID J. EINARSON

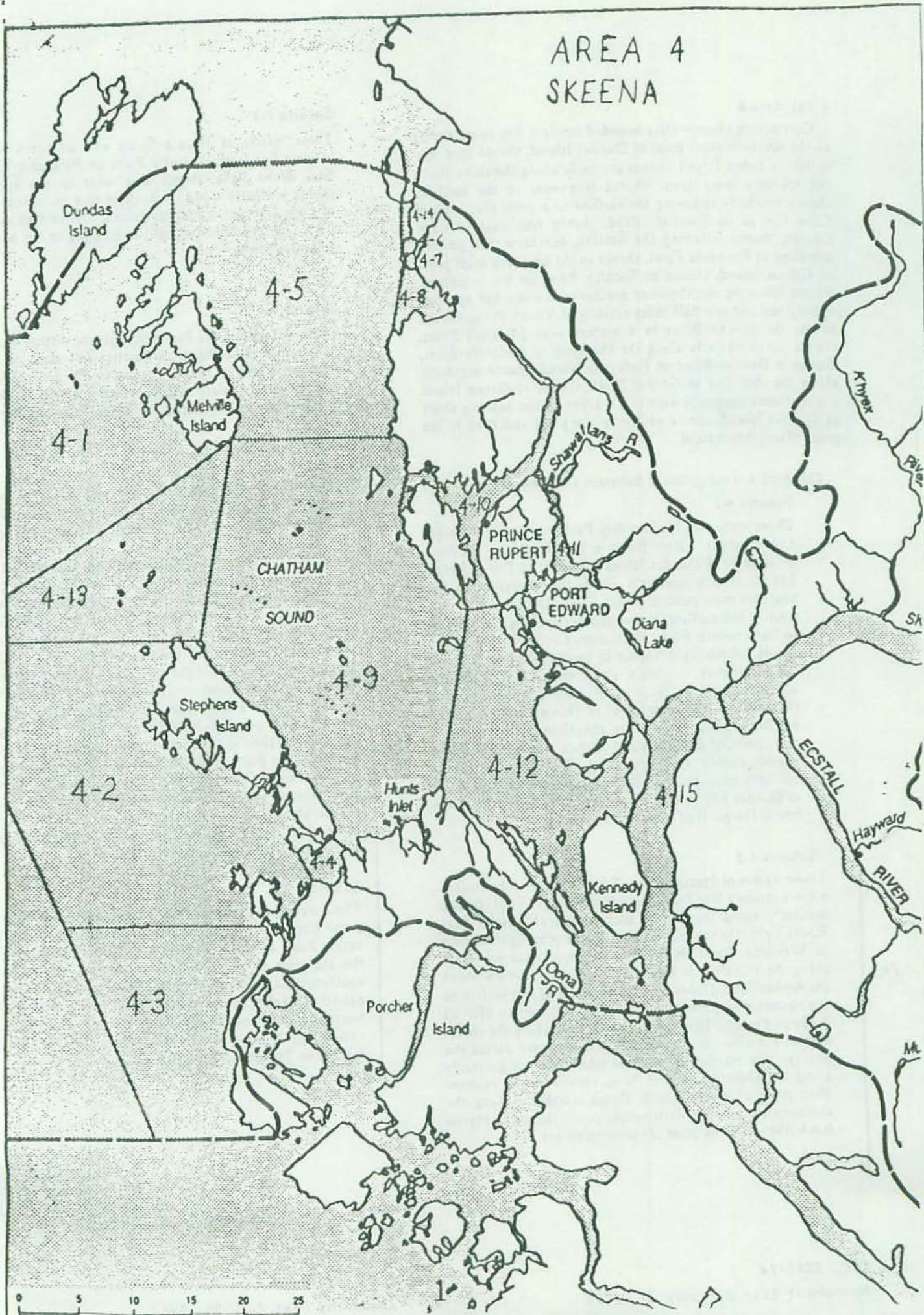
Department of Fisheries and Oceans
Prince Rupert, B.C.

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NOTE: COHO ESCAPEMENT NUMBERS ARE PRELIMINARY.

AREA 4
SKEENA



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

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 Pass 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

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 Richie Point on Kaien Island.

Subarea 4-12

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

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.



Government of Canada 1991 Calendar

with Julian Calendar

Gouvernement du Canada Calendrier 1991

avec Calendrier Julien

JANUARY							JANVIER							FEBRUARY							FÉVRIER							MARCH							MARS							
SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	
		1	2	3	4	5																																				
		001	002	003	004	005																																				
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9	3	4	5	6	7	8	9	3	4	5	6	7	8	9	3	4	5	6	7	8	9	
006	007	008	009	010	011	012	034	035	036	037	038	039	040	062	063	064	065	066	067	068	062	063	064	065	066	067	068	062	063	064	065	066	067	068	062	063	064	065	066	067	068	
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16	10	11	12	13	14	15	16	10	11	12	13	14	15	16	10	11	12	13	14	15	16	
013	014	015	016	017	018	019	041	042	043	044	045	046	047	069	070	071	072	073	074	075	069	070	071	072	073	074	075	069	070	071	072	073	074	075	069	070	071	072	073	074	075	
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23	17	18	19	20	21	22	23	17	18	19	20	21	22	23	17	18	19	20	21	22	23	
020	021	022	023	024	025	026	048	049	050	051	052	053	054	076	077	078	079	080	081	082	076	077	078	079	080	081	082	076	077	078	079	080	081	082	076	077	078	079	080	081	082	
27	28	29	30	31			24	25	26	27	28			24	25	26	27	28			24	25	26	27	28	29	30	24	25	26	27	28	29	30	24	25	26	27	28	29	30	
027	028	029	030	031			055	056	057	058	059			090	084	085	086	087	088	089	090	084	085	086	087	088	089	090	084	085	086	087	088	089	090	084	085	086	087	088	089	

CALENDRIER 1992 CALENDAR

JANUARY							JANVIER							FEBRUARY							FÉVRIER							MARCH							MARS													
SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT
		1	2	3	4																																											
		001	002	003	004																																											
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	2	3	4	5	6	7	8	2	3	4	5	6	7	8	2	3	4	5	6	7	8	2	3	4	5	6	7	8
005	006	007	008	009	010	011	033	034	035	036	037	038	039	061	062	063	064	065	066	067	061	062	063	064	065	066	067	061	062	063	064	065	066	067	061	062	063	064	065	066	067							
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	9	10	11	12	13	14	15	9	10	11	12	13	14	15	9	10	11	12	13	14	15							
012	013	014	015	016	017	018	040	041	042	043	044	045	046	075	076	077	078	079	080	081	075	076	077	078	079	080	081	075	076	077	078	079	080	081														
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	16	17	18	19	20	21	22	16	17	18	19	20	21	22	16	17	18	19	20	21	22							
019	020	021	022	023	024	025	047	048	049	050	051	052	053	082	083	084	085	086	087	088	082	083	084	085	086	087	088	082	083	084	085	086	087	088														
26	27	28	29	30	31		23	24	25	26	27	28	29	23	24	25	26	27	28	29	23	24	25	26	27	28	29	23	24	25	26	27	28	29	23	24	25	26	27	28	29							
026	027	028	029	030	031		054	055	056	057	058	059	060	089	090	091					089	090	091					089	090	091																		

I N D E X

Index table listing years from 1800 to 2050 in columns, with corresponding index numbers for each year.

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.

1

2

Calendar grid 1 for years 1800-1899, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 2 for years 1900-1999, showing months JANUARY through DECEMBER with day-of-week indicators.

3

4

5

6

Calendar grid 3 for years 2000-2099, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 4 for years 2100-2199, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 5 for years 2200-2299, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 6 for years 2300-2399, showing months JANUARY through DECEMBER with day-of-week indicators.

7

8

9

10

Calendar grid 7 for years 2400-2499, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 8 for years 2500-2599, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 9 for years 2600-2699, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 10 for years 2700-2799, showing months JANUARY through DECEMBER with day-of-week indicators.

11

12

13

14

Calendar grid 11 for years 2800-2899, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 12 for years 2900-2999, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 13 for years 3000-3099, showing months JANUARY through DECEMBER with day-of-week indicators.

Calendar grid 14 for years 3100-3199, showing months JANUARY through DECEMBER with day-of-week indicators.

TABLE DES MARÉES

PRINCE RUPERT HNP Z+8

1991

APRIL-AVRIL

MAY-MAI

JUNE-JUIN

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m	Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m	Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m		
1	0215	22.1	6.7	16	0155	22.8	6.9	1	0215	20.9	6.4	16	0215	22.9	7.0	1	0310	19.4	5.9	16	0355	21.4	6.5		
MO	0840	2.8	.9		0825	1.2	.4	WE	0855	3.2	1.0		0900	.6	.2		0950	4.1	1.2		1025	1.6	.5		
LU	1455	19.8	6.0	TU	1440	20.3	6.2	TH	1520	18.4	5.6		1520	19.8	6.0		SA	1615	17.5	5.3	SU	1650	20.1	6.1	
	2045	6.9	1.8	MA	2025	6.8	1.8	ME	2050	8.0	2.4		2100	6.8	2.1		SA	2155	8.8	2.7	DI	2245	8.8	2.0	
2	0245	21.5	6.6	17	0230	22.7	6.9	2	0250	20.2	6.2	17	0305	22.9	6.8	2	0350	18.7	5.7	17	0450	20.0	6.1		
TU	0920	3.4	1.0		0910	1.4	.4	TH	0935	4.0	1.2		0950	1.1	.3		1030	4.7	1.4		1115	3.0	.9		
MA	1535	18.8	5.7	WE	1530	19.6	6.0	FR	1555	17.7	5.4		1615	19.4	5.9		SU	1655	17.2	5.2	MO	1740	18.7	6.0	
	2115	7.1	2.2	ME	2105	6.8	2.0	VE	2130	8.7	2.7		2155	7.3	2.2		DI	2240	9.1	2.8	LU	2350	8.7	2.0	
3	0320	20.6	6.3	18	0315	22.1	6.7	3	0325	19.3	5.9	18	0400	21.2	6.5	3	0430	17.9	5.5	18	0550	18.5	5.6		
WE	0955	4.3	1.3		1000	2.0	.6	FR	1010	4.8	1.5		1045	2.1	.6		1110	5.4	1.6		1205	4.6	1.4		
ME	1615	17.7	5.4	TH	1620	18.8	5.7	SA	1635	16.9	5.2		1710	18.9	5.8		MO	1740	17.0	5.2	TU	1835	19.4	5.9	
	2150	8.3	2.5	JE	2155	7.8	2.3	VE	2210	9.4	2.9		2255	7.9	2.4		LU	2335	9.2	2.8	MA				
4	0350	19.6	6.0	19	0405	21.1	6.4	4	0405	18.4	5.6	19	0500	19.8	6.0	4	0525	17.1	5.2	19	0055	6.8	2.1		
TH	1035	5.4	1.6		1055	3.0	.9	SA	1055	5.7	1.7		1140	3.4	1.0		1150	6.1	1.9		0655	17.1	5.2		
JE	1655	18.6	5.1	FR	1715	17.9	5.5	SA	1725	16.2	4.9		SU	1810	18.5	5.6		TU	1830	17.1	5.2	WE	1300	6.1	1.9
	2225	9.4	2.9	VE	2250	8.8	2.6	SA	2300	10.1	3.1		DI				MA				ME	1930	19.1	5.8	
5	0430	18.4	5.6	20	0505	19.8	6.0	5	0455	17.4	5.3	20	0005	8.2	2.5	5	0035	9.0	2.7	20	0205	8.8	2.0		
FR	1125	6.5	2.0		1155	4.2	1.3	SU	1145	6.4	2.0		0610	18.5	5.6		0620	16.3	5.0		0805	16.2	4.9		
VE	1750	15.5	4.7	SA	1825	17.2	5.2	DI	1820	15.8	4.8		MO	1240	4.6	1.4		WE	1240	6.8	2.1	TH	1355	7.5	2.3
	2315	10.6	3.2	SA				SA				LU	1910	18.4	5.6		ME	1920	17.3	5.3	JE	2030	18.9	5.8	
6	0520	17.3	5.3	21	0005	9.4	2.9	6	0005	10.6	3.2	21	0125	8.0	2.4	6	0140	8.4	2.6	21	0310	6.2	1.9		
SA	1225	7.4	2.3		0615	18.6	5.7	MO	0555	16.6	5.1		0725	17.6	5.3		0730	15.9	4.8		0920	15.8	4.8		
SA	1900	14.9	4.5	SU	1305	5.1	1.6	LU	1240	7.0	2.1		TU	1340	5.7	1.7		TH	1335	7.4	2.3	FR	1500	8.4	2.6
				DI	1940	17.1	5.2	LU	1930	15.9	4.8		MA	2015	18.6	5.7		JE	2015	17.9	5.5	VE	2125	19.0	5.8
7	0030	11.2	3.4	22	0135	9.4	2.9	7	0120	10.9	3.1	22	0240	7.3	2.2	7	0245	7.3	2.2	22	0410	5.6	1.7		
SU	0630	18.4	5.0		0740	17.8	5.4	TU	0705	16.1	4.9		0840	17.0	5.2		0840	15.9	4.8		1030	16.0	4.9		
DI	1335	7.9	2.4	MO	1420	5.6	1.7	TU	1340	7.3	2.2		WE	1445	6.5	2.0		FR	1435	7.9	2.4	SA	1605	8.8	2.7
	2035	15.0	4.6	LU	2100	17.6	5.4	MA	2030	16.4	5.0		ME	2115	19.0	5.8		VE	2110	18.7	5.7	SA	2215	19.2	5.9
8	0205	11.2	3.4	23	0305	8.4	2.6	8	0235	9.4	2.9	23	0345	6.3	1.9	8	0345	5.9	1.8	23	0505	5.0	1.5		
MO	0755	18.2	4.9		0905	17.8	5.4	WE	0820	16.1	4.9		0950	17.0	5.2		0950	16.3	5.0		1130	16.5	5.0		
LU	1455	7.7	2.3	TU	1530	5.7	1.7	ME	1445	7.3	2.2		TH	1545	7.0	2.1		SA	1535	8.0	2.4	SU	1700	9.0	2.7
	2145	15.8	4.8	MA	2200	18.8	5.7	ME	2125	17.4	5.3		JE	2210	19.6	6.0		SA	2200	19.8	6.0	DI	2305	19.5	5.9
9	0325	10.2	3.1	24	0410	7.0	2.1	9	0335	8.5	2.5	24	0440	5.2	1.6	9	0440	4.3	1.3	24	0550	4.3	1.3		
TU	0915	16.6	5.1		1015	18.2	5.5	TH	0930	16.5	5.0		1055	17.3	5.3		1055	17.1	5.2		1220	17.1	5.2		
MA	1555	7.1	2.2	WE	1625	5.6	1.7	TH	1540	7.1	2.2		FR	1640	7.3	2.2		SU	1635	7.9	2.4	MO	1745	8.8	2.7
	2230	17.0	5.2	ME	2250	19.7	6.0	JE	2210	18.5	5.6		VE	2255	20.1	6.1		DI	2250	20.9	6.4	LU	2350	19.5	6.0
10	0425	8.8	2.7	25	0505	5.5	1.7	10	0430	6.4	2.0	25	0530	4.3	1.3	10	0535	2.8	.9	25	0635	3.8	1.2		
WE	1015	17.4	5.3		1115	18.7	5.7	FR	1030	17.3	5.3		1145	17.7	5.4		1155	18.0	5.5		1300	17.6	5.4		
ME	1645	6.3	1.9	TH	1715	5.5	1.7	FR	1630	6.9	2.1		SA	1725	7.5	2.3		MO	1730	7.8	2.3	TU	1830	8.8	2.6
	2310	18.3	5.6	JE	2330	20.6	6.3	VE	2250	19.7	6.0		SA	2335	20.5	6.2		LU	2340	21.9	6.7	MA			
11	0510	7.1	2.2	26	0550	4.2	1.3	11	0515	4.6	1.4	26	0610	3.6	1.1	11	0625	1.4	.4	26	0025	20.8	6.1		
TH	1105	18.4	5.6		1200	19.2	5.9	SA	1125	18.1	5.5		1230	18.1	5.5		1245	18.8	5.8		0715	3.9	1.0		
JE	1725	6.6	1.7	FR	1800	5.6	1.7	SA	1715	6.6	2.0		SU	1810	7.6	2.3		TU	1820	7.9	2.2	WE	1340	17.5	5.5
	2340	19.8	6.0	VE				SA	2330	21.0	6.4		DI				MA				ME	1910	8.8	2.5	
12	0550	5.4	1.6	27	0005	21.2	6.5	12	0600	3.0	.9	27	0010	20.7	6.3	12	0030	22.2	6.9	27	0105	20.3	6.2		
FR	1150	19.3	5.9		0630	3.3	1.0	SU	1215	19.0	5.8		0650	3.1	.9		0715	3.4	1.0		0750	3.2	1.0		
VE	1800	5.1	1.6	SA	1245	19.5	5.9	DI	1800	6.3	1.9		MO	1315	18.4	5.6		WE	1335	19.6	6.0	TH	1410	18.2	5.5
				SA	1835	5.8	1.8	DI				LU	1845	7.7	2.3		ME	1910	6.6	2.0	JE	1945	8.6	2.4	
13	0010	20.7	6.3	28	0040	21.6	6.6	13	0005	22.0	6.7	28	0045	20.8	6.3	13	0115	23.1	7.0	28	0140	20.5	6.2		
SA	0625	3.8	1.2		0710	2.7	.8	MO	0640	1.7	.5		0725	2.9	.9		0800	-0.7	.0		0825	3.9	.9		
SA	1235	20.0	6.1	SU	1325	19.6	6.0	MO	1300	19.8	6.0		TU	1350	18.4	5.6		TH	1425	20.1	6.1	FR	1445	18.3	5.6
	1835	4.9	1.5	DI	1910	6.2	1.9	LU	1840	6.2	1.9		MA	1925	7.9	2.4		JE	2000	6.3	1.9	VE	2020	7.7	2.4
14	0045	21.8	6.6	29	0110	21.6	6.6	14	0050	22.7	6.9	29	0120	20.7	6.3	14	0210	23.1	7.0	29	0215	20.8	6.1		
SU	0705	2.6	.8		0745	2.5	.8	TU	0725	3.8	1.2		0805	3.0	.9		0850	6.0	.0		0855	3.2	1.0		
DI	1315	20.4	6.2	MO	1405	19.4	5.9	TU	1345</																

STAFF AND MANAGEMENT RESOURCES

District Supervisor: Robb Wilson

Assistant Supervisor: Vacant

Fishery Officer i/c: David Einarson

Salmon Biologist: Les Jantz

Charter Patrolmen:

<u>Vessel (Operator)</u>	<u>+ Start</u>	<u>+ End</u>	<u>+days</u>	<u>Cost/day</u>	<u>Total</u>
Princeton I (D.Lewis)	+ July 05	+ October 21	+ 90	+ \$330.	+\$31,350
Zona G (Jim Gale)	+ June 22	+September 19	+ 80	+ \$250.	+\$20,000
Sundancer (D. Rowse)	+ June 30	+ August 15	+ 35	+ \$285.	+\$ 9,975
Ken Seymour (Ecstall River guardian)	+ July 15	+ August 18	+ 35	+ \$210.	+\$ 7,350

Patrol Vessels:

<u>Vessel(Operator)</u>	<u>+ Start</u>	<u>+ End</u>
Petrel Rock(J. Heintz)	+ June 3	+ November 8
Kitimat II (M. Calley)	+ July 1	+ August 7

Aircraft:

Eight gear flights, average 2.5 hrs.(20 hrs.) = \$6900.
One helicopter flight of Ecstall River, 2.5 hrs.= \$1800.

Other:

Gillnet test fishery at Tye - June 10 to September 2 (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 weed-line study conducted this year in Area 4, involving 6 gillnets fishing during July and August with nets of varying weed-line depths. 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 River dead pitch.

Totals

Charter Patrolmen -----	\$68,675.
Gear flights -----	6,900.
Enumeration flights ----	1,800.
O & M -----	6,000.
Total -----	<u>83,375.</u>

Adequacy of Resources

Overtime - This year our overtime budget was reduced drastically. Area 4 went from a summer (salmon) overtime budget of \$7000 in 1990 to \$4000 in 1991. This amount is inadequate to properly manage the area. Coupled to this decrease was the lack of any Fishery Officer or Guardian to help out, making many tasks impossible to complete.

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 two nets were seized due to their being overlength. Immediately after these incidents, many nets were observed that had been cut off, to reduce them to a legal size. With the lack of enforcement personnel on the grounds, this type of abuse will continue.

In 1991, area 4 did not even have the services of a Guardian during the salmon season. Consequently, some things just could not be done. Important things such as routine maintenance of equipment and even a mere presence on the grounds had to suffer due to the situation.

Patrol Vessels - Efficiency of Patrol Vessel operations were increased tremendously this year by having a skipper and crew that stayed for the entire season. They were also highly motivated and did a professional job on the grounds, when many times a Fishery Officer was unavailable.

The Petrel Rock is not an adequate vessel for this area. The small size of the vessel results in no bunks for the Fishery Officer (they have to sleep on the table), 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, 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 continue to fish.

Charter Patrolmen - The number of charter patrolmen this year dropped again to three (from four last year), and charter patrol days were 205, compared to 224 last year and 232 that the Operational Framework recommends. Even with the 19 less days, cost of the charters went from \$58,400 in 1990 to \$61,325 in 1991. This

is an increase of \$2925. Thus, for an 8.5% decrease in days, we payed 5% more. The following chart illustrates the change in charter patrol costs in recent years.

Year	Charter Patrol Days	Cost
1991.....	205.....	\$61,325
1990.....	224.....	\$58,400
1989.....	176.....	\$39,500
1988.....	181.....	\$40,750
1987.....	143	
1986.....	155	
1985.....	186	

Funding - Funding for the sub-district comes from a variety of sources. The sub-district O & M budget this year was \$6000. 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 inadequate. Additional help is needed, in the form of another Fishery Officer or a Guardian, to properly carry out enforcement duties in Area 4.

Capital Acquisitions - Area 4 needs a new outboard motor for the Kaien Isle. The motor presently on the boat, a 60HP Mercury, is four years old, and has been used for many hours. It is presently experiencing major problems, and should be replaced.

ENFORCEMENT SUMMARY

The following is the 1991 summary of the charges and warnings laid in Area 4 relating to salmon.

Commercial: Fish in closed area.....\$500.
Use gillnet while anchored.....\$100.
Net on drum and net in water.....Warning
Overlength gillnet - two charges.....\$1000. each
and forfeit of all fish. Nets were returned.
No PCFL.....Absolute Discharge
Keep prohibited species.....\$250.

IFF: No charges

Sport: Fail to record chinook - 4 charges...\$200.
Fish without tidal licence.....\$ 50.

The above list resulted in 11 fishermen charged and one warned.

Enforcement patrols were very limited in 1991 due to the lack of a second officer in the Area. Infractions were discovered mainly during hail gathering activity.

An increased enforcement presence is required on the grounds during fisheries. An example is the two overlength gillnets discovered. After these nets were seized, there were numerous nets observed that had been reduced in length to comply with the regulations. Another example is the many complaints received about boats over the upper boundary of the Skeena River. One charge was laid.

1991 FISHING PLANS - AREA 4 - LOWER SKEENA

SPECIES	CYCLE YEAR	CYCLE YEAR CATCH	CYCLE YEAR ESCAPEMENT	EXPECTED ESCAPEMENT	ESCAPEMENT TARGET	EXPECTED CATCH	COMMENTS
Sockeye	1986	497,000	713,000	1,150,000	1,000,000	750,000	An average return is expected totalling 2.1 million.
	1987	510,000	1,328,000				
Pink	1989	1,057,000	4,673,000	1,050,000	1,000,000	2,000,000 to 3,000,000	A well above average return is expected totalling 5.8 M.
Chum	1987	23,000	8,000	10,000	50,000	50,000	No surplus expected. Chum catch is incidental.

PROPOSED FISHING PATTERN

Effective Date

Action

July 1 Open to gillnet weekly with sub-areas and fishing duration dependant on stock strength

July 14 Open to seines, dependant on stock strength and domestic allocations

August Fishing times dependant on stock strengths, particularly coho strength.

Note: Gillnet maximum mesh size of 137mm prior to August 4.

Maximum of 4 days fishing per week prior to August 4.

Commencing August 4 fisheries will be designed to conserve coho and minimize surplus escapements of sockeye and pinks.

Trolling restricted to net fishing times and areas.

LONG TERM SALMON ALLOCATION PLAN

YEAR	1991	1992	1993	1994	
<u>NORTH COAST</u>					
PINKS	TROLL				
	Area 1	Fishery will be managed in accordance with the Pacific Salmon Treaty. The Area 1 Pink troll catch for the four year period 1990-1993 will be limited to a total of 5.125 million. The maximum harvest in Area 1 in any one year is 1.95 million, of which no more than 300,000 can be taken in the A-B line sub-areas.			
	Areas 2 - 10	Troll catch ceiling of 4% of the all gear catch in Areas 2-10, excluding Fraser River Pinks.			
	NET				
	Areas 1,3,4 & 5	GN 28% of net SN 72% of net	GN 22% of net SN 78% of net	GN 28% of net SN 72% of net	GN 22% of net SN 78% of net
	Areas 6 to 10	Maintain traditional fishing patterns with the primary objective to harvest available surpluses and ensure that escapement goals are met.			
SOCKEYE	TROLL				
	Areas 1,3,4 & 5	Troll catch to remain incidental and not to exceed 5% of the total catch.			
	Areas 6 to 10	The troll fishery on sockeye in these areas should not escalate.			
	NET				
	Areas 1,3,4 & 5	GN 75% of net SN 25% of net	GN 75% of net SN 25% of net	GN 76% of net SN 24% of net	GN 73% of net SN 27% of net
	Areas 6,7 & 8	Traditional fishing patterns to be maintained with an incidental catch of sockeye expected.			

	Areas 9 & 10	Net fishing restricted to gillnets only.
CHUM	TROLL Areas 1 to 10	Troll fisheries on this species should not escalate.
	NET Areas 1 to 10	Traditional fishing patterns to be continued.
CHINOOK	Areas 1 to 11	The commercial share of the Pacific Salmon treaty chinook ceiling (not including terminal exclusions) will be allocated 15.7% to net fisheries and 84.3% to troll (as in 1990).

THE UNIVERSITY OF MICHIGAN LIBRARY

The present financial plan... on July 1 we have opened... various other points... advantage of the... time of delivery... might have been very... work for these... the 1971, but an... routine.

The North Coast Advisory Board... the Board's library... routine.

1. The Board is allowed... library, but they must... allowed acquisition of books only.

2. This year... library for... other than property.

DAILY RECORD
OF
MANAGEMENT STRATEGIES

3. Library... for the year... in the fall.

4. Further... for the year... in the fall.

5. Other... for the year... in the fall.

6. The... for the year... in the fall.

7. The... for the year... in the fall.

WEEKLY NOTES - 1991 COMMERCIAL SALMON FISHERY

The pre-season fishing plan scheduled the first opening in Area 4 on July 1. We have opened on the last Sunday in June in the previous three years, to assess the Pinkut sockeye run, and to take advantage of the increasing chinook abundance. However, the early runs of sockeye on the Skeena, particularly Early Non-Babine stocks, have been very weak, and the last week of June is the peak week for these stocks. The last Sunday in June this year fell on the 30th, but an opening on Monday was scheduled to reduce overtime.

The North Coast Advisory Board made a number of recommendations for the Area 4 fishery at their meeting of May 28. The following recommendations were made:

1. Trollers be allowed into Area 4 during any special seine fishery, but they must enter with "clean" holds and be allowed retention of pinks only.
2. Tidal water sport fishery for coho be closed during the times that the coho conservation measures are affecting other user groups.
3. Minimum escapement for 1991 pinks be maintained, and over escapements be shared between catch and escapement target. This would allow increased catch and escapement. However, if an in-river sport fishery for pinks is established, the NCAB would withdraw support for this and demand all additional escapement.
4. Test fishery data be adusted to reflect true escapements for sockeye and pinks. This will be reviewed by the NCAB in the fall.
5. Gillnet selectivity study should continue in 1991.
6. Further commitment shery data be adusted to reflect true escapements for sockeye and pinks. This will be reviewed by the NCAB in the fall.
5. Gillnet selectivity study should continue in 1991.
6. Further commitment should be made to enhance coho and steelhead on the Skeena.
7. The commercial fleet be allocated a certain amount of steelhead.
8. Area licencing for gillnets should be considered.

Only the first recommendation can be addressed by the sub-district Fishery Officer. Management Biology, responding to item 5, introduced a weed-line study in Area 4. Item 4 was also done.

Item 1: During our first special seine fisheries this year, trolling was closed on the entire coast. After re-opening, the troll fleet was concentrating on Fraser River sockeye, so there was no interest in trolling in Area 4.

Item 2: It was put forward to the local sportfish advisory board to reduce the daily limit of coho in tidal waters from 4 to 2 during conservation closures. The local board forwarded this recommendation to the North Coast Sportfish Advisory Board during its annual meeting, but the recommendation was rejected.

Information for Management Meeting, June 27

Sockeye:

Late freshet conditions are holding fish from migrating up the river. Consequently, we may have a smaller escapement this week than we had last week, which is extremely unusual. It is best to assume these fish are holding in Area 4 rather than assuming a weak run.

Cumulative escapement so far is about 21,500, and our desired to date is over 61,000. Daily escapements are limping along at about 1000 per day, when we should be getting about 8,000 per day. Next week we want about 11,000/day.

This week will be the second peak week of the Early Non-Babine stock. In fish abundance, the Pinkut run will dominate, as next week is the peak of this run. Early Non-Babine stocks have been depressed in recent years.

Sockeye test index stands at 42.51, the best since 1989. Brood index was: 1986 - 14.55 1987 - 35.19.

Food fishing: Effort is down considerably this year, with the new TTC agreement. Here is a comparison of licences issued between 1991 and 1990:

	1990	1991
Week ending May 25	34	11
June 1	40	15
June 8	50	22
June 15	63	28
June 22	95	

Catch information is not as timely, as reports come in usually a week late. Catch information is also very hard to interpret, as the fishery is spread over most of the week, and effort is down.

Chinook:

Index stands at 73.22, which is the third highest on record (behind 1987 - 82.62 and 1988 - 86.11).

It is too early in the runs to consider other species in management decisions.

Expectation - Fishing should be very good, due to the river holding the fish out in the fishing areas. Expect a 12-hour average in the 40 range (similar to 1988, when we went two days). However, unless fish start moving up the river before the opening, we should be very hesitant about extending.

Recommend: Open one day in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Outside areas 4-1, -2, -3, -13 may be closed if we extend to the second day, to prevent the high catch of a mix of fish of unknown origin.

July 01

As usual, a gear flight was made at the opening.

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
6	50	0	186	43	52

<u>H.B.Pass</u>	<u>Out. Stephens</u>	<u>Edge Pass</u>	<u>Oval Bay</u>
8	3	0	3

Total
351

Resources:

Petrel Rock - 4-12
Kitimat II - Outside Areas
Kaien Isle - R/G/S
Zona G - North Porcher
Sundancer - North Boundary

July 02

Weather hampered fishing in most outside areas during the night. From morning hails it was apparent that fishing was slow in most areas, with outside Smith Island being the most productive area, having an average of 41 sockeye. The River was poor, as the poor test fish catches had indicated it would be. Since we need about 11,000 sockeye per day this week to make our escapement goals, and in the first two days we have averaged less than 2,000, recommend to close as scheduled to permit needed escapement. Recommendation accepted.

Area 3 extended for 24 hours to take advantage of a strong sockeye run to the Nass.

Fishing picked up during the day, and most of the fleet moved to Smith Island. Final average for the total area was 73 sockeye.

Information for management meeting - July 04

Sockeye:

CPUE

1991 - 73(351gn)	1990 - 23(452gn)	1989 - 41(643gn)
1988 - 82(549gn) 55(640gn)	1987 - no fishery	1986 - no fishery

This week will be the peak week of the Pinkut and Early Babine Tributaries. Pinkut fish will dominate.

Escapements are still slow in the Skeena. We will be far below our desired escapement this week. Next week we want about 17,000 per day. We are still averaging less than 2,000 per day at the present. Tides will be good for escapement in the first half of next week, becoming poor near the end of the week.

Sockeye test index stands at 69.13, the second worst since 1985. Average in the 80's was 171.12. Brood year index was:
1986 - 76.68 1987 - 95.82.

Chinook:

Index stands at 111.84, the lowest since 1985. Average in the 80's was 84.82.

It is too early in the runs to consider other species in management decisions.

Recommend: Open one day in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Recommend opening Monday at 6PM due to overtime constraints, with the directive not to work on Sunday. Result: overtime ban was dropped for gear counts on Sundays. Recommendation accepted.

July 07

Gear count at opening:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
5	126	8	256	85	23
<u>H.B.Pass</u>	<u>Out. Stephens</u>	<u>Edye Pass</u>	<u>Oval Bay</u>		
21	14	9	3		
<u>Total</u>					
550					

Resources:

Petrel Rock - 4-12
Kitimat II - Outside Areas
Princeton I - R/G/S
Zona G - North Porcher
Sundancer - North Boundary
Kaiaen Isle - R/G/S and 4-12

July 08

Fishing was very good in the river, with other areas reasonable. Escapement is very high, with an escapement yesterday of over 28,000, while we only want to average about 17,000 per day this week. Indications that another high escapement will be recorded today. Recommend extend 24 hours. Recommendation accepted.

Fishing slowed down during the day, and fishing in 4-12 was particularly slow.

July 09

Fishing has slowed down considerably, with most areas reporting an average of around 35 for the night. However, escapement increased to close to 45,000 yesterday. It appears that we meet our escapement goals for the week, and possibly overescape. Recommend extending 24 hours. Recommendation accepted.

July 10

Fishing remains similar to yesterday. Escapement dropped to 22,000 yesterday, still well over our required daily. However, fishing effort and the large tides for the rest of the week will probably decrease escapement dramatically for the rest of the week. Indications from the first set by the test boat for today's escapement indicate a large drop. Our large escapement for the first three days of the week still make it a pretty good bet that we will overescape if we don't fish the fourth day. However, the run appears that it may be early, and if this is so, we could do with a bigger escapement this week (we need close to 27,000/day next week). A conservative management strategy would be to close tonight, and see what happens to the escapement. We also have the option of fishing on Saturday, which would be the fourth day this week, although that possibility would seem remote with the expected drop in escapement. A consensus was reached to close as scheduled.

Fishing remained slow in the inside areas, but increased to an average of near 150 sockeye for the outside areas, particularly outside Stephens Island. There was some fleet movement to outside areas.

Information for management meeting - July 12

Sockeye:

CPUE	Brood Years:	
1991 - 121(550gn)	1986 - 57(269gn)	1987 - 79(275gn)
80(526gn)		
77(520gn)		

INDEX	Brood Years:	
1991 - 245.48	1986 - 123.35	1987 - 197.31

The coming week will be the second peak week of the Pinkut and first peak week of the Fulton. It will also be the first peak week of Babine Lake stocks. All these runs have been in very good shape recently. Fulton fish should dominate.

Escapements have been very good this week, with the expected arrival of Pinkut fish. We will overescape this week, needing only 10,000 more in the next three days. Next week we want about 27,000 per day. Tides will be poor for escapement in the first half of next week, becoming good near the end of the week.

Catches in the outside areas (Outside Stephens, Hudsons Bay Pass) near the end of last opening were very good, indicating new fish moving into the area.

Pink

CPUE		
1991 - 2(550gn)	1989 - 4 (705gn)	1987 - 10(275gn)
3(526gn)	5 (655gn)	
4(520gn)	8 (601gn)	
	16(866gn)	

INDEX		
1991 - 0.21	1989 - 1.03	1987 - 0.23

Pink escapements or catch do not give a good indication of total stock size; however, extremely high or low escapement indices or catch would be of concern. No management action is required this early.

Chinook

Index stands at 145.20, the lowest since 1985. Average in the 80's was 119.23.

The chinook run into the Skeena peaks around the first week of July, and they are becoming less important in management decisions.

It is too early in the runs to consider other species in management

decisions.

Recommend: Open two days in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Recommend opening Saturday at 6PM due to probable overescapement this week, the strength of the enhanced runs, and the strength we noted on the outside areas before the last closure.

Much discussion ensued, with the Fishery Officer recommending opening on Saturday, thus fishing the fourth day of the week, and the biologist recommending Sunday. The reasons for not opening Saturday that were given was a fear that escapements would drop dramatically with the big tides at the end of the week, and our harvest rate would climb to about 70% with a fourth day of fishing, as opposed to around 50% with only three days fishing. The Fishery Officer stated that without fishing Saturday, we would lose a day's fishing in the season which we could never recover, and we would also overescape by a large amount. In the end, a Sunday 6PM opening was decided upon, and we would open for two days.

July 14

Gear count at opening:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
9	196	8	276	76	47
<u>H.B.Pass</u>	<u>Out. Stephens</u>	<u>Edye Pass</u>	<u>Oval Bay</u>		
22	96	3	20		
<u>Total</u>					
753					

Resources:

Petrel Rock - 4-12
Kitimat II - Outside Areas
Princeton I - R/G/S
Zona G - North Porcher and 4-9
Sundancer - North Boundary
Kaiaen Isle - 4-12

First hail information indicated slow fishing in the river, which was expected due to the big tides.

July 15

Fishing has been slow in the River areas, with many fishermen moving between the River and 4-12 due to the big tides.

July 16

Recommend extending 24 hours due to the strength of catches and escapement. Recommendation accepted.

July 17

Recommend closing as scheduled. This has been three days fishing this week, and by closing now we have an opportunity to open on Saturday for the fourth day of the week, and this will maximize our catch. It appears likely that we will overescape both on sockeye and pinks this week. Recommendation accepted.

Additional help in getting hails today was recieved from the James Sinclair and the Area 3 charter vessel Salty Bear.

Information for management meeting - July 18

Sockeye:

CPUE	Brood Years:	
1991 - 104(753gn)	1986 - 113(388gn)	1987 - 175(424gn)
93(747gn)		
72(774gn)		

INDEX	Brood Years:	
1991 - 415.86	1986 - 286.63	1987 - 352.95

As indicated, both catches and escapement are considerably better than both brood years.

The coming week will be the peak of the Babine Lake run, and the Late Non-Babine fish. Fulton fish should dominate in fish abundance.

We are slightly behind in our escapement this week, but this is not a problem due to the overlap of overescaping fish at the end of the prior week. Also, escapements should increase with the fishery closing.

Next week we want about 31,000 per day. Tides shouldn't be a factor next week.

Catches in the outside areas (Outside Stephens, Hudsons Bay Pass) near the end of last opening were very good, indicating new fish moving into the area.

Coho

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

DATE	WEEKLY TARGET INDEX	CUMMULATIVE TARGET INDEX	ACTUAL WEEKLY INDEX	ACTUAL CUMMULATIVE INDEX
July 13	0.2	0.2	0	0
July 20	1.8	2.0		

Pink

CPUE			
1991 - 14 (753gn)	1989 - 34 (596gn)	1987 - 31 (424gn)	
19 (747gn)	43 (565gn)		
22 (774gn)	145 (259gn)		

INDEX		
1991 - 6.27	1989 - 10.87	1987 -29.67

Pink catches and escapements are below the last couple of odd years. Indications are that pink escapement will improve dramatically with the increased river catch at the end of the fishery (31 average in the river on the last day).

Chum

Index stands at 0, compared to an 80's average of 0.64. Chum catches have been reasonably good on the outside of Area 4, with CPUE's in the 20's.

Chinook

Index stands at 180.18, the lowest since 1985. Average in the 80's was 147.12.

Chinook are no longer a management concern in the Skeena, as the run tapers off.

Recommend: Open three days in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Recommend opening Saturday at 6PM due to probable overescapement this week, the strength of the enhanced runs, and the strength we noted on the outside areas before the last closure.

July 20

Gear count at opening:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
13	258	4	225	132	73

<u>H.B. Pass</u>	<u>Out. Stephens</u>	<u>Edye Pass</u>	<u>Oval Bay</u>
27	20	1	9

Total
762

July 21

Fishing was good in the first 24 hours, with the highest sockeye catches along the North Boundary.

July 22

Weather kept most of the fishermen in for part of the second day. As a result catches were down considerably.

July 23

Escapement is still holding up well. Recommend extending another 24 hours to catch surplus sockeye. Recommendation accepted.

July 24

Poor fishing decreased our fleet size considerably. Many boats are running south, and many others are tied up in disgust. Since this is the fourth day fishing in a row, recommend close as scheduled. Recommendation accepted.

Information for management meeting - July 25

Sockeye:

CPUE		Brood Years:			
1991 -	65(787gn)	1986 -	154(548gn)	1987 -	128(541gn) 381(72sn)
	89(707gn)		105(523gn)		69(505gn) 215(56sn)
	75(572gn)		108(566gn)		

TOTAL CATCH TO DATE:

1991 - 653,680 1986 - 260,073 1987 - 239,715

1991 pre-season point projection was 750,000 catch.

INDEX		Brood Years:			
1991 -	616.81	1986 -	491.02	1987 -	596.41

Total catch and escapement are considerably better than both brood years, but CPUE is down considerably.

The coming week will be the peak of the Babine River run.

We are slightly behind in our escapement this week but expect the numbers to jump up as the fishery is now closed. Next week we want about 23,000 sockeye per day.

Coho

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

DATE	WEEKLY TARGET INDEX	CUMMULATIVE TARGET INDEX	ACTUAL WEEKLY INDEX	ACTUAL CUMMULATIVE INDEX
July 13	0.2	0.2	0	0
July 20	1.8	2.0	0.68	0.68
July 27	4.4	6.4		
Aug. 03	13.1	19.5		
Aug. 10	17.6	37.1		
Aug. 17	17.0	54.1		
Aug. 24	11.9	66.0		

Pink

CPUE	1991	1989	1987	
	52(787gn)	225(177gn)	156(541gn)	1471(72)
	90(707gn)	287(113gn)	122(505gn)	1255(56)
	107(572gn)	257(93gn)		

INDEX

1991 - 51.94 1989 - 58.68 1987 -143.83

Pink catches and escapements are below the last couple of odd years. Indications are that pink escapement will improve dramatically with the increased river catch at the end of the fishery (182 average in the river on the last day).

Chum

Index stands at 0, compared to an 80's average of 1.33. This is the lowest escapement at this time ever, and could begin to be of concern unless we start getting some chum at the test fishery soon.

Chinook

Chinook is no longer a management concern.

Index stands at 187.97, the lowest since 1985. Average in the 80's was 156.31.

Recommend: Open three days in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Recommend opening Saturday at 6PM due to probable overescapement this week. Recommendation accepted.

July 27

Gear count at opening:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
22	172	11	114	101	155
<u>H.B.Pass</u>	<u>Out. Stephens</u>	<u>Edge Pass</u>	<u>Oval Bay</u>		
3	5	0	4		
<u>Total</u>					
587					

July 28

Due to the large fleet working on the North Boundary, the Kitimat II was moved in to assist in getting hails in this area.

July 29

Pink catches are almost doubling every day, and sockeye catches are holding up well.

July 30

Good escapement and catches. Recommend extending another day. Recommendation accepted.

July 31

This is the fourth day in a row, recommend close as scheduled tonight. Recommendation accepted.

Information for management meeting - August 01

Coho

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

DATE	WEEKLY TARGET INDEX	CUMMULATIVE TARGET INDEX	ACTUAL WEEKLY INDEX	ACTUAL CUMMULATIVE INDEX
July 13	0.2	0.2	0	0
July 20	1.8	2.0	0.68	0.68
July 27	4.4	6.4	3.38	4.06
Aug. 03	13.1	19.5		
Aug. 10	17.6	37.1		
Aug. 17	17.0	54.1		
Aug. 24	11.9	66.0		

Coho conservation measures automatically kick in this week due to our low index. Two days per week maximum gillnet fishing in Area 4.

Pink

CPUE

1991 - 239 (555gn)	1989 - 191 (70gn)	1987 - 363 (522gn)
317 (518gn)	206 (54gn)	478 (475gn)
352 (460gn)	302 (281gn)	
	315 (263gn)	

INDEX

1991 - 289.17	1989 - 678.43	1987 - 639.77
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Pink escapements are below the last couple of odd years. Indications are that pink escapement will improve dramatically with the increased river catch at the end of the fishery (566 average in the river on the last day).

Sockeye:

CPUE

	Brood Years:		
1991 - 95 (555gn)	1986 - 123 (524gn)	480 (32sn)	1987 - 119 (522gn)
106 (518gn)	85 (524gn)	212 (26sn)	106 (475gn)
84 (460gn)			

TOTAL CATCH TO DATE:

1991 - 882,366	1986 - 390,150	1987 - 352,002
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1991 pre-season point projection was 750,000 catch.

INDEX

1991 - 868.46	1986 - 702.48	1987 - 908.84
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Total catch is considerably better than both brood years.

For the remainder of the year, Babine River fish should predominate in the fishery.

We are slightly behind in our escapement this week but expect the numbers to jump up as the fishery is now closed. Next week we want about 13,000 sockeye per day.

Chum

Index stands at 0.69, compared to an 80's average of 6.13. Only 1986 was lower at this time.

Chinook

Chinook is no longer a management concern.

Recommend: Open three days in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Recommend opening Saturday at 6PM due to probable overescapement this week. Seines open two days, starting Sunday at 6PM. Recommendation accepted.

August 03

Due to weather, a gear flight was not made at the opening. The Petrel Rock also did not sail, but the Kitimat II was out for the opening, and made the announcements.

August 04

Gear count:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
8	151	2	48	35	57
<u>H.B.Pass</u>	<u>Out. Stephens</u>	<u>Edye Pass</u>	<u>Oval Bay</u>		
0	1	1	2		

Total

305

This is the lowest gear count of the year. Although the Kitimat II did not have much to do, he was kept on the outside to monitor any arrival of seines in the area, when it opens tonight at 6PM.

August 05

Only five seines fished the area in the first 24 hours. Catches were not impressive. However, the gillnets in the River are getting very good catches of both sockeye and pinks.

August 06

Due to the lack of coho showing up at the test fishery, recommend closing as scheduled. Also, we should re-open for a special non-retention seine fishery on Thursday, due to the large overescapement of pinks. Recommendation accepted. After discussion, a special seine fishery for 14 hours, 6AM to 8PM, on Thursday, August 08, was announced. There would be no retention of coho, chum, or sockeye, and the fishery would only be open in 4-12 and 4-15.

Information for management meeting - August 08

Coho

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

DATE	WEEKLY TARGET INDEX	CUMULATIVE TARGET INDEX	ACTUAL WEEKLY INDEX	ACTUAL CUMULATIVE INDEX
July 13	0.2	0.2	0	0
July 20	1.8	2.0	0.68	0.68
July 27	4.4	6.4	3.38	4.06
Aug. 03	13.1	19.5	2.91	6.97
Aug. 10	17.6	37.1	(4.84	11.81 Aug. 6)
Aug. 17	17.0	54.1		
Aug. 24	11.9	66.0		

This is the third worst ever.

Coho conservation measures are again in place this week due to our low index. Two days per week maximum gillnet fishing in Area 4.

Pink

CPUE

1991 -555(248gn)	1989 - 253(185gn)	1987 - 433(426gn)
462(210gn)	199(208gn)	362(400gn)
		356(400gn)
3881(5sn)	6306(7sn)	399(331gn)
4278(10sn)	11395(11sn)	

TOTAL CATCH TO DATE:

1991 - 1,247,204 1989 - 394,958 1987 - 603,521

Pre-season expectations were for a catch of 2-3 million.

Highest catch on record: 1987 - 2,020,730 hailed.

INDEX

1991 - 688.51 1989 - 1234.72 1987 - 1093.75

Pink escapements are below the last couple of odd years, but we are still overescapng in large numbers. Estimated escapement up the Skeena is already 1.3 million, and we are now at the peak of the run.

Sockeye

CPUE	Brood Years:	
1991 - 121(248gn)	1986 - 47(413gn)	1987 - 65(426gn)
77(210gn)		65(400gn)
		45(400gn)
146(5sn)		54(331gn)
153(10sn)		

TOTAL CATCH TO DATE:

1991 - 974,248 1986 - 409,452 1987 - 441,614

1991 pre-season forecast was catch of 500,000 to 1,000,000.

INDEX	Brood Years:	
1991' - 958.62	1986 - 922.15	1987 - 1017.36

Total catch is considerably better than both brood years.

For the remainder of the year, Babine River fish should predominate in the fishery.

Chum

Index stands at 2.54, compared to an 80's average of 16.36. Only 1975 was lower at this time.

Steelhead

Index is 11.87, compared to an 80's average of 61.63. The only worse year is 1957.

Recommend: Open two days in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Open Sunday at 6PM. Seines open two days, starting Sunday at 6PM, in 4-1, -2, -3, -4, -5, -8, -9, -13 and -14. Recommendation accepted.

Meanwhile, our special seine fishery opened this morning at 0600h. Last night, BC Packers requested that boats be allowed into the area with fish aboard, since Area 3 had only closed 12 hours previously, and they would not be able to clean up all the boats that wanted to participate. Since we had only allowed 12 hours, to be fair we said this would be alright. In retrospect, this was a poor decision, for we recieved a lot of complaints that the fishery would now be unenforceable. In future, at least 24 hours should be

allowed between a seine closure and a special opening.

The announcement at the pre-opening time checks was worded like this:

"Attention the seine fleet in Area 4, this is the Fisheries Patrol Vessel Petrel Rock. The time now is _____. At 6 AM sub-areas 4-12 and 4-15 will open to seine fishing for pink, sockeye, and chinook salmon. This fishery is not open for coho, chum, or steelhead. Sorting must be done and these species must be returned to the water with the least possible harm. If appropriate sorting is not being carried out by all vessels, the fishery will be closed on short notice.

If I am forced to close the fishery for this reason, the vessels not complying will be named on the air and in a Notice to Industry."

Despite the request that boats be empty of fish, and due to the fact that we requested only, and did not require, many boats showed up with fish on board. It is evident that a mere request is not good enough.

There were 46 seines that participated today, and all boats observed were sorting their fish. Handling of fish was erratic, with some vessels doing a careful job, others not so good. For instance, one vessel observed pulled a bag of about 500 fish through the stern rollers, squeezing the bag to about half its diameter. Weather came up during the day, and many boats stopped fishing. Even so, the average catch was 5800 pinks.

There seemed to be very few discards, with between 3 and 4 pieces being returned to the water on some sets, and on other larger sets no fish at all. Two large sets were monitored closely, with every fish observed from sets of about 1500 pieces, and no incidental species were in them.

Since the sorting appeared to be going well, and weather was hampering a good assessment of the fishery, it was recommended to go another day. During a management meeting, it was decided that an eight hour fishery, from 8AM to 4PM, would be conducted tomorrow.

August 09

Only 26 seines participated on this second day of the special fishery, with some boats heading south for sockeye fishing. Catches were good, with an average of 5665 pinks for the 8 hours. Again, boats seemed to be sorting very well, and most fish returned to the water appeared to be quite healthy.

August 11

Fishing opened this evening for gillnets and seines.

Gear count at opening:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
18	79	9	55	26-8sn	36-2sn
<u>H.B. Pass</u>	<u>Out. Stephens</u>	<u>Edye Pass</u>	<u>Oval Bay</u>		
0	1	0	2		

Total
226gn - 10sn

August 12

Thick fog hampered hail gathering this morning. However, fishing was good, and we averaged 102 sockeye with gillnets, 4779 sockeye with seines, which is very high for this time of year. Pink fishing was also very good.

August 13

Fishing is still good this morning. However, since we are in our coho conservation mode, recommend closing as scheduled after the two days. Coho escapement has increased somewhat, and there is now 5 worse years, compared to 2 worse years last week. However, we are still way behind schedule. Recommend special seine fishery starting 24 hours after Areas 3 and 5 close. Recommendation accepted. The special seine fishery is scheduled for 6PM August 14 for 24 hours.

When this was announced on the grounds, there was strong opposition from the gillnet fleet. Boats threatened to keep fishing when it closed at 6PM. An office occupation was also threatened. The gillnets basically wanted equal time with the seines. The Ministry of Environment phoned and was strongly against the fishery, saying that we had no idea of survival of released fish. Metlakatla Band phoned and wanted a food fishery, with one member stating that he would use it to catch fish to sell the next opening.

With all the opposition, and the threat of an illegal fishery this evening, help was obtained in the form of the North Rock and three Fishery Officers from the enforcement unit. As it turned out, a protest fishery did not materialize, and there was no problem with the closure.

August 14

This morning about 15 irate gillnetters showed up at the office, and we talked for about an hour and a half. No attempt was made to get into the office, although we had taken the precaution of locking doors. The points made were that the gillnetters wanted equal time with the seines. It was explained to them that this was all in the pre-season plan, had been run by all the advisors, and had been agreed upon. It was also pointed out that we had been trying to get them to go to 4 3/4 inch mesh for years, which they had never agreed to, so this was the result.

The fishery opened at 6PM, with 60 seines in attendance. Fishing was reasonable. However, it was noted that some seines fished right in front of Chismore, Spiller, Humpback, and Oona River. The boundaries that had been in place in previous years were not in place this year for two reasons. One, the brood year had seen good escapements to most of these systems, and there should be some surplus from that. Second, it is early yet, and the boundaries may have been put in place a week too early in previous years. It was also thought that boats would not fish in Chismore Pass. In retrospect, maybe the boundaries would have been a good idea to keep them away from these creeks, since the surplus we want to harvest is Skeena pinks.

August 15

Sorting again went well. The fish observed being returned to the water all looked very healthy. The beavertail stern ramp in most seines provides a very gentle way of lifting the bag of fish from the water, and was probably the best way. The largest bags seemed to have no discards whatsoever, while smaller bags of 20 to 50 had most. Again, a large set of 2500 fish was monitored thoroughly, with every fish observed, and there were no incidentals.

Unloading was monitored in Prince Rupert, and the boats were very clean. Five boats were monitored at random, and discussions were conducted with graders. The fishery seemed very clean.

Later, on the morning of August 16, one charge was laid on the Western Hunter, and 9 coho, 2 chum, and 1 steelhead were seized.

Information for management meeting - August 15

Coho

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

DATE	WEEKLY TARGET INDEX	CUMULATIVE TARGET INDEX	ACTUAL WEEKLY INDEX	ACTUAL CUMULATIVE INDEX
July 13	0.2	0.2	0	0
July 20	1.8	2.0	0.68	0.68
July 27	4.4	6.4	3.38	4.06
Aug. 03	13.1	19.5	2.91	6.97
Aug. 10	17.6	37.1	15.24	22.21
Aug. 17	17.0	54.1	(11.52	33.73 - Aug. 14)
Aug. 24	11.9	66.0		

There have been 7 worse years, 30 better years since 1954.

Coho conservation measures are again in place this week due to our low index. Two days per week maximum gillnet fishing in Area 4.

Pink

CPUE

1991 - 313 (226gn)	1989 - 241 (215gn)	1987 - 507 (255gn)
349 (226gn)	352 (175gn)	341 (244gn)
	79 (5gn)	272 (250gn)
5526 (13sn)		
3927 (15sn)	8675 (10sn)	11420 (5sn)
	2975 (4sn)	4370 (10sn)
	4874 (14sn)	150 (33sn)
	2516 (5sn)	
	3727 (4sn)	

TOTAL CATCH TO DATE:

1991 - 1,941,526 1989 - 992,295 1987 - 1,788,764

Pre-season expectations were for a catch of 2-3 million.

Highest catch on record: 1987 - 2,020,730 hailed.

INDEX

1991 - 1342.58 1989 - 1639.61 1987 - 1279.27

We are still overescapng in large numbers. Estimated escapement up the Skeena is now 2.6 million.

Sockeye:

CPUE

1991 - 102 (226gn)	Brood Years:	1987 - 62 (255gn)
81 (226gn)	1986 - 52 (231gn)	53 (244gn)
	45 (231gn)	32 (250gn)
368 (13sn)	42 (234gn)	
161 (15sn)	60 (234gn)	470 (5sn)
		132 (10sn)
		147 (33sn)

TOTAL CATCH TO DATE:

1991 - 1,038,409 1986 - 455,703 1987 - 486,696

1991 pre-season forecast was catch of 500,000 to 1,000,000.

INDEX

1991 - 1074.69 Brood Years: 1987 - 1067.56

1986 - 1056.22

Total catch is considerably better than both brood years.

For the remainder of the year, Babine River fish should predominate in the fishery.

Chum

Index stands at 5.50, compared to an 80's average of 36.17. This is the worst year on record.

Steelhead

Index is 20.69, compared to an 80's average of 81.57. The only worse year is 1957.

Recommend: Open two days in 4-1, -2, -3, -4, -5, -8, -9, -12, -13, -14, & -15. Open Sunday at 6PM. Seines open one day, starting Monday at 6PM, in 4-1, -2, -3, -4, -5, -8, -9, -13 and -14. Recommendation accepted.

August 18

Gear count at opening:

<u>Slough</u>	<u>River</u>	<u>Gap</u>	<u>4-12</u>	<u>4-9</u>	<u>N. Boundary</u>
5	72	0	34	19	35
<u>H.B.Pass</u>	<u>Out. Stephens</u>	<u>Edge Pass</u>	<u>Oval Bay</u>		
0	1	0	2		

Total
168gn

Sundancer has now finished, working his last day on August 15. Zona G moved to North Boundary, while the Kitimat II is scheduled to come out tomorrow for the opening of the seine fishery.

17 gn were checked in the River for first set information, and they averaged 14 sockeye and 36 pinks.

August 19

Sockeye catches still fairly good, with an average of 62. Pinks also are holding up.

August 20

Sockeye and pink still good. Only three seines showed up. The strength of the target species indicates we could go another day. However, there are about 60 seines in Areas 3 and 5, and Area 3 wants to close. We do not want that many seines working in Area 4, due to the weakness on non-target species, particularly chum, steelhead, and coho. Therefore, recommend extend one day for gillnet only, close to seines. Areas 3 and 5 did this as well. Recommendation accepted.

Information for management meeting - August 22

Coho

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

DATE	WEEKLY TARGET INDEX	CUMULATIVE TARGET INDEX	ACTUAL WEEKLY INDEX	ACTUAL CUMULATIVE INDEX
July 13	0.2	0.2	0	0
July 20	1.8	2.0	0.68	0.68
July 27	4.4	6.4	3.38	4.06
Aug. 03	13.1	19.5	2.91	6.97
Aug. 10	17.6	37.1	15.24	22.21
Aug. 17	17.0	54.1	15.05	37.26
Aug. 24	11.9	66.0	(13.38	50.64 by Aug 22)

There have been 7 worse years, 30 better years since 1954.

We will not make our minimum escapement this year.

Pink

CPUE

1991 -218(168gn)	1989 - 180(60gn)	1987 - 268(302gn)
152(135gn)	323(37gn)	175(205gn)
157(118gn)	280(31gn)	149(123gn)
	155(32gn)	
4278(3sn)	3033(3sn)	3383(15sn)
	1500(1sn)	1505(24sn)
	750(4sn)	
	980(5sn)	

TOTAL CATCH TO DATE:

1991 - 2,030,032 1989 - 1,047,209 1987 - 2,010,698

This is a new record catch for Area 4.

Pre-season expectations were for a catch of 2-3 million.

Highest catch on record: 1987 - 2,020,730 hauled.

INDEX

1991 - 1717.30 1989 - 1981.79 1987 - 1492.56

Estimated escapement up the Skeena is now 3.4 million.

Sockeye

CPUE	Brood Years:		
1991 - 62(168gn)	1986 - 54(200gn)	1987 - 43(302gn)	
51(135gn)	40(200gn)	22(205gn)	
46(118gn)	24(195gn)	14(123gn)	
	24(173gn)		
72(3sn)	80(12sn)	135(15sn)	
	134(12sn)	33(24sn)	

TOTAL CATCH TO DATE:

1991 - 1,061,192 1986 - 485,777 1987 - 508,696

1991 pre-season forecast was catch of 500,000 to 1,000,000.

INDEX	Brood Years:	
1991 - 1166.24	1986 - 1123.25	1987 - 1122.12

Total catch is considerably better than both brood years.

Chum

Index stands at 15.39, compared to an 80's average of 54.59. There have been three worse years.

Steelhead

Index is 26.94, compared to an 80's average of 98.79. The only worse year is 1957.

Recommend: Open on one day to harvest surplus pink and sockeye. Open on one day only due to weakness of non-target species. Keep outside areas closed to reduce harvest of coastal pinks. Recommendation accepted.

August 25

Sub-areas open are 4-4, 5, 8, 9, 12, 14, and 15. Princeton I is in River, Zona G on north boundary, and Petrel handling 4-12 and north Porcher.

Opened on a south-east gale - only 11 boats fished in the River tonight.

August 26

Due to lack of effort, we had no information to base a management decision on. Therefore, recommend to extend one day to allow fleet to fish. Recommendation accepted. 71 gillnets fished today.

August 27

Fleet is down to only 46 boats. Recommend close as scheduled due to the catch of non-target species. Recommendation accepted.

Information for management meeting - August 29

There has been no update on the test index since August 22, as the Biologist has been away.

Pink

CPUE

1991 - 74(71gn)	1989 - 99(44gn)	1987 - 80(125gn)
126(46gn)	53(47gn)	
	365(4sn)	
	1000(1gn)	

TOTAL CATCH TO DATE:

1991 - 2,041,090 1989 - 1,056,502 1987 - 2,020,730

This is a new record catch for Area 4.

Pre-season expectations were for a catch of 2-3 million.

Highest catch on record: 1987 - 2,020,730 hailed.

Sockeye

CPUE

1991 - 20(71gn)	Brood Years:	
23(46gn)	1986 - 27(165gn)	1987 - 12(125gn)
	23(144gn)	
	13(128gn)	
	10(120gn)	
	40(1sn)	
	40(1sn)	
	25(2sn)	
	15(8sn)	

TOTAL CATCH TO DATE:

1991 - 1,063,643 1986 - 496,545 1987 - 510,145

Recommend: Due to the low ratio of target species to incidentals, we should not open again. For now, we should announce we are closed until further notice. Recommendation accepted.

Management Meeting - September 5

No surprises since last meeting. Coastal escapement monitoring has been hampered by heavy rains. It is felt that if an opening were held at this late time, the ratio of coho, chum, and steelhead to pinks would be unacceptable. Therefore, recommend close until further notice, with a note that further fishing opportunities are unlikely. Recommendation accepted.

Management Meeting - September 12

Situation since last meeting has not changed, except that coastal streams have cleared up somewhat. Escapements to these systems are about average for an odd year. It is felt that there will be no further opportunities to fish in Area 4 this year, so recommend close for the balance of the season. Recommendation accepted.

RECORD OF MANAGEMENT STRATEGIES (RMS) - SALMON

1991 POST SEASON SUMMARY AND ASSESSMENT

AREA 4 - SKEENA SUB-DISTRICT

1. PRE-SEASON EXPECTATIONS:

	Sockeye	Coho	Pink	Chum	Chinook
Expected Return	2100000	*	5800000	15000	*
Target Esc.	1000000	216375	1000000	50000	97710
Surplus	1100000	*	4800000	0	*

*Expectations are not calculated for coho and chinook. However, for 1991 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.

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

-Target escapement for pink is management target which is currently being changed. The NCAB has agreed to retain a minimum target escapement of 1,000,000, with returns over the minimum to be shared between catch and escapement on a sliding scale. This system was in place in 1991 and will be reviewed during the winter of 1991/1992. The stream-by-stream target escapement for pink is 1,907,695.

-The target escapements for sockeye and chum are management targets. Actual stream-by-stream target escapements are: sockeye - 1,022,385 chum - 54,900.

2. POST SEASON:

CATCH:	Sockeye	Coho	Pink	Chum	Chinook	Jack	StHd
Comm.Net							
SN	45279	778	850589	370	91	0	0
GN	1038267	46193	1421220	35499	13463	3908	3872
Total	1083546	46971	2271809	35869	13554	3908	3872
Sport							
Tidal	35	1000	3500	10	2500	0	0
Non-tidal							
Area 4	CLOSED	220	CLOSED	CLOSED	15	0	unk
Terrace	UNKNOWN	3500	UNKNOWN	CLOSED	2500	0	400
Hazelton	90	0	1900	CLOSED	750	0	unk
Smithers	UNKNOWN	10	UNKNOWN	CLOSED	1175	0	unk
Total	125	4730	5400	10	6940	0	400
IFF							
Area 4	13126	14	244	15	1828	0	45
Terrace	9293	216	2945	10	1339	0	577
Hazelton	88000	2200	30000	500	5500	0	UNK
Smithers	28650	2516	5000	0	6200	0	402
Total	139069	4946	38189	525	14867	0	1024

Total All	1222740	56647	2315398	36404	35361	3908	5296

ESCAPEMENT:

	Sockeye	Coho	Pink	Chum	Chinook
1991	1233710	52909	4782047	3183	52753
Target	1000000	216375	1000000	50000	97710

TOTAL RUN INTO AREA 4:

Sockeye	Coho	Pink	Chum	Chinook
2456450	109556	7097445	39587	88114

Commercial Net Fishery Opened July 01/91

Last Commercial Net Fishery August 27/91

Closed For The Balance Of The Season September 12/91

Total Days Fishing GN - 25 days SN - 6.9 days
 Total Accum. Effort 10921 days 178 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 3. Maximum mesh restriction 137mm.

Coho- Commencing August 4, 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 5.8 million is expected. This is above average for recent years.

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

Chinook- No directed fishery in 1991, 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 July 1, for one day, as per expectations. Catches were fair, but escapement was poor, so the fishery closed as scheduled after one day. The second week, catches and escapements indicated increasing strength in the run, and allowed for a three day fishery. Thereafter, four days per week were fished for the remainder of the sockeye management phase of the season. The catch of 1,083,546 was slightly above our pre-season prediction of a catch between 500,000 and 1,000,000. This catch is 19% more than the 15 year average of 913,232 (1976-1990).

Allocation between seine and gillnet was set pre-season for sockeye at: gillnet 75%, seine 25%. Actual split this year was: gillnet 60.6%; seine 39.4%.

Fishing effort and days comparison:

	Days Fishing		Boat Days	
	GN	SN	GN	SN
1991	25	6.9	10921	178
1976-1990 av	22.1	6.5	8643	285

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. The following restrictions were implemented:

- Native fishery: No closures this year. As part of co-management, natives in Moricetown were given eight dipnets to use instead of gaffs, so they could release coho unharmed. This initiative seemed to go very well.
- Sport fishery: Closure to retention of wild coho in the Skeena and tribs all year above Terrace and until August 31 below Terrace. An adipose fin clipped fishery was allowed above Terrace.
- Gillnet: Two days per week maximum during the weeks of August 4-10 and 11-17.
- Seine: Special seine fisheries in weeks of August 4-10 and 11-17, with non-retention of coho, steelhead, and chum. These fisheries confined to 4-12 and 4-15. Fisheries lasted a total of 22 hours the first week and 24 hours the second week.
- Troll: Closure in northern Hecate Strait (Areas 102-1 and 104 north of 54 degrees) from 2359h August 6 to 0001h August 21.

Minimum escapement requirements, which are defined as an index of 66 at the Tyee test fishery by August 24, were not met. The index on August 24 stood at 55.36.

SKEENA COHO IN-SEASON MANAGEMENT TARGETS

	weekly target	cumulative target	actual weekly	actual cumulative
July 13	.2	.2	0	0
July 20	1.8	2.0	0.68	0.68
July 27	4.4	6.4	3.38	4.06
August 03	13.1	19.5	2.91	6.97
August 10	17.6	37.1	15.24	22.21
August 17	17.0	54.1	15.05	37.26
August 24	11.9	66.0	18.10	55.36
August 31			27.78	83.14

PINK

Management switched to pink salmon beginning on August 04. As expected, the run was very strong, and record catches were recorded in Areas 3 and 4. The total catch in Area 4 of 2,271,809 beat the previous record catch of 2,020,730 set in 1987, and was within our pre-season predicted catch range of 2 to 3 million. Allocation in 1991 for pink was set pre-season at: gillnet 28%, seine 72%. Actual split was gillnet 13.4%; seine 86.6%.

CHUM

As expected, there was no surplus of chum salmon this year. Our catch of 35,869 was considerably below the 15 year average of 52,645. Due to the weakness of catch and escapement, our special seine fishery included the non-retention of chum.

CHINOOK

The chinook catch this year of 13,554 was above the 15 year average of 9,582, but considerably below the high 1988 catch of 21,331.

5. SPORT FISHERY:

Tidal:

Catch:	Sockeye	Coho	Pink	Chum	Chinook
1991	35	1000	3500	10	2500
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 1991, 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. 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 down in 1991 compared to recent years. Abundance of coho and weather conditions were poor this year.

Pink catches were similar to last year.

Chinook catch was very similar to last year. This year, chinook catch in tidal water was again restricted to two per day.

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

Non-tidal:

Catch 1991	Coho	Chinook
Area 4/W.F.	220	15
Terrace	3500	2500
Hazelton	0	750
Smithers	10	1175

Total	3730	4440

Average catch - 1985-1990 (6 year average)

	Coho	Chinook
Area 4/W.F.	330	65
Terrace	1792	1750
Hazelton	250	283
Smithers	87	1073

Total	2459	3171

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 from July 15 to August 18 this year.

Only adipose clipped coho were allowed above Terrace, thus the recorded catch of only ten fish.

A fishery this year was held on pink and sockeye in fresh water, for the first time in recent memory. Unfortunately, funds did not allow Fishery Officers to keep track of this fishery, so an unknown amount of these fish were caught in Terrace and Smithers Sub-Districts. In Hazelton Sub-District, and estimated 90 sockeye and 1900 pinks were caught.

6. INDIAN FOOD FISHERY:

Total Indian Food Fish Catch On All The Skeena River

1991 S/D	Sockeye	Coho	Pink	Chum	Chinook	Steelhead
Area 4	13126	14	244	15	1828	45
Terrace	9293	216	2945	10	1339	577
Hazelton	88000	2200	30000	500	5500	unk
Smithers	28650	2516	5000	0	6200	402
TOTAL	139069	4946	38189	525	14867	1024
1976-1990 average:						
Total	143314	10418	33511	1089	11515	5397

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 and pink catches are very similar to the fifteen year average.

Coho and chum catches are lower than the fifteen year average, which is mainly due to the decreased abundance of these fish. Due to the Sparrow ruling by the Supreme Court of Canada, there were no closures this year for coho. The Moricetown Band was encouraged to fish with dip-nets during the closure, with non-retention of coho. Eight dipnets were purchased for the band to further awareness of the coho problem.

Chinook catch was above average, and reflects the general trend of increasing abundance of these fish.

Steelhead abundance in the Skeena this year was very low, and the TFF catch reflects this.

7. WEEKLY NET CATCH:
(attached)

8. ESCAPEMENTS:

	Sockeye	Coho	Pink	Chum	Chinook
1991	1,233,710	59,909	4,782,047	3,183	52,753
1976-1990 av.	1,052,435	36,222	1,660,082	18,280	37,588

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 1173.75, compared to the 15 year average index of 1498.22.

ENUMERATION

Total escapement (1,233,710) is above the 15 year average (1,052,435), the management target (1,000,000), and the stream by stream target (1,022,385). Babine Sub-Area again overescaped (target 867,350; 1991 1,156,750). However, all the other sub-areas underescaped by substantial margins.

Key Stream	Target Esc.	Current Year Esc.
Babine River	200000	355000
Club Creeks	6000	7500
Fulton River & Channels	220000	181487
Morrison Creek	20000	13000
Pierre Creek	25000	25000
Pinkut Creek & Channel	130000	393512
Shawatlan Creek	5000	1700
Southend Creek	15000	6500
Williams Creek	15000	2700

Coho

TEST INDEX

Index was 55.36, compared to 15 year average of 62.38. Index was lowest since 1988.

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. Toboggan Creek (an enhanced stock) is the only key stream to exceed its escapement this year.

Key Stream	Target Esc.	Current Year Esc.
Babine River	10000	4904
Clearwater Creek	1000	350
Diana Creek	3500	200
Dry Creek	500	300
Kispiox River	7500	1400
Kitwanga River	2000	500
Nangeese River	750	N.I.
Toboggan Creek	2000	3200

Pink

TEST INDEX

Index was 1774.96, compared to an odd year average of 1104.22 over the last 15 years. During this time, only the brood year of 1989 had a higher index.

ENUMERATION

Total Pink escapement (4,782,047) is the largest escapement on record. Over-escapements occurred on most streams, and in particular on most key streams.

Key Stream	Target Esc.	Current Year Esc.

Babine River	150000	236021
Kispiox River	200000	250000
Kitwanga River	250000	250000
La Hou Creek	25000	25000
Lakelse River	500000	1800000
Moore Cove Creek	75000	45000

Chum

TEST INDEX

The test index indicated low returns of chum all year, and we ended with an index of 17.07, compared to a 15 year average of 52.22. This is the lowest since 1985, and the second lowest in the last 15 years.

ENUMERATION

Total chum escapements, at 3,183, were significantly lower than the target of 54,952, and were well below the fifteen year average escapement of 18,280. This is the lowest count since 1983.

Key Stream	Target Esc.	Current Year Esc.

Andeside Creek	500	N.I.
Ecstall River	20000	N.I.
Kispiox River	5000	N.I.
Kitwanga River	5000	1500

Chinook

TEST INDEX

Our index this year of 201.98 is well above the 15 year average of 155.63, but is still the lowest since 1985. The jack index of 10.39 was below the 15 year average of 32.34, and the lowest since 1976.

ENUMERATION

Total chinook escapement is 52,753, which is above the 15 year average of 37,588. However, this is the lowest since 1984. The target escapement is 97,710.

Key Stream	Target Esc.	Current Year Esc.

Babine River	7000	1043
Bear River	12500	5500
Cedar River	3000	175
Johnston Creek	3500	150
Kispiox River	7500	3500
Kitsumkalum River	15000	9200
Morice River	15000	25500

Steelhead

TEST INDEX

Test index of 30.05 was below the 15 year average of 102.22. This is the worst year during the last 15 years.

9. Current Year Escapement By Stream:

(attached)

AREA 4 COMMERCIAL NET CATCH - 1991

DATE	GN	SN	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JK. CK.	STHD
July 1/2	351		25739	302	13	1213	1164	350	62
TFW July 6	351		25739	302	13	1213	1164	350	62
July 7/8	550		66448	925	996	879	750	231	95
July 9	526		42053	949	1772	1136	1049	237	85
July 10	520		40214	900	2227	1242	1026	364	66
TFW July 13	1596		148715	2774	4995	3257	2825	832	246
TTD	1947		174454	3076	5008	4470	3989	1182	308
July 14/15	753		78262	2043	10858	3469	1273	241	96
July 16	747		69229	1900	14527	2812	1555	504	87
July 17	774		55622	2337	17196	3056	1407	344	73
July 20/21	762		119597	2897	52893	2839	771	287	172
TFW July 20	3036		322710	9177	95474	12176	5006	1376	428
TTD	4983		497164	12253	100482	16646	8995	2558	736
July 22	787		50882	2152	41074	2579	429	129	57
July 23	707		62606	2810	63794	3063	660	204	168
July 24	572		43028	2697	60932	1963	469	241	133
July 27/28	587		82496	2561	90030	1227	635	70	312
TFW July 27	2653		239012	10220	255830	8832	2193	644	670
TTD	7636		736176	22473	356312	25478	11188	3202	1406

AREA 4 COMMERCIAL NET CATCH - 1991

DATE	GN	SN	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JK. CK.	STHD
July 29	555		52676	3933	132560	1714	519	199	300
July 30	518		55005	3602	163983	1348	471	155	160
July 31	460		38509	2272	161965	1172	480	120	266
August 3/4	304		43484	1420	135542	756	176	76	185
TFW Aug. 3	1837		189674	11227	594050	4990	1646	550	911
TTD	9473		925850	33700	950362	30468	12834	3752	2317
Aug. 5	248		30048	1595	137587	696	196	31	256
		5	730	181	19405	21	15	0	0
Aug. 6	210		16090	1098	97070	458	125	45	197
		10	1530	204	42780	2	0	0	0
Aug. 8(14hrs)		46	10848	0	266800	0	10	0	0
Aug. 9(8hrs)		26	4851	0	147311	0	5	0	0
TFW Aug. 10	458	87	64097	3078	710953	1177	351	76	453
TTD GN	9931		971988	36393	1185019	31622	13155	3828	2770
TTD SN		87	17959	385	476296	23	30	0	0
TTD ALL	9931	87	989947	36778	1661315	31645	13185	3828	2770
Aug. 11/12	226		23039	1518	70584	434	61	19	288
		13	4779	39	71840	200	13	0	0
Aug. 13	226		18222	2151	78887	1296	64	15	218
		15	2422	120	58900	120	25	0	0
Aug. 14/15		60	19903	0	230719	0	20	0	0
TFW Aug. 17	452	88	68365	3828	510930	2050	183	34	506
TTD GN	10383		1013249	40062	1334490	33352	13280	3862	3276
TTD SN		175	45063	544	837755	343	88	0	0
TTD ALL			1058312	40606	2172245	33695	13368	3862	3276

AREA 4 COMMERCIAL NET CATCH - 1991

DATE	GN	SN	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JK. CK.	STHD
Aug. 18/19	168		10334	1660	36609	638	77	26	166
Aug. 20	135		6818	1654	20488	554	25	6	114
		3	216	234	12834	27	3	0	0
Aug. 21	118		5415	1513	18575	522	61	13	153
TFW Aug. 24	421	3	22783	5061	88506	1741	166	45	433
TTD GN	10804		1035816	44889	1410162	35066	13443	3907	3709
TTD SN		178	45279	778	850589	370	91	0	0
TTD ALL			1081095	45667	2260751	35436	13534	3907	3709
Aug. 25/26	71		1418	748	5269	255	3	1	87
Aug. 27	46		1033	556	5789	178	17	0	76
TFW Aug. 31	117	0	2451	1304	11058	433	20	1	163
TTD GN	10921		1038267	46193	1421220	35499	13463	3908	3872
TTD SN		178	45279	778	850589	370	91	0	0
TTD ALL			1083546	46971	2271809	35869	13554	3908	3872

LOWER SKEENA AND WATERFRONT SUB-DISTRICTS

1991 ESCAPEMENT

STREAM	! SOCKEYE !	COHO	PINK	CHUM	CHINOOK
COASTAL SUB-AREA					
Big Falls Creek	!	!	!N.I.	!N.I.	!N.I.
Big Useless Creek	!	!	2000	!	!
Chismore Creek	!	!	400	!	!
Denise Creek	!	!N.I.	6	!N.O.	!
Diana Creek	2500	200	!N.O.	!N.O.	!N.O.
Ecstall River	!N.I.	4000	!N.I.	!N.I.	!N.I.
Hays Creek	!	60	!N.O.	!	!
Hayward Creek	!	!N.I.	2500	!	!
Humpback Creek	!	50	9000	!	!
Hunts Creek	!	!N.I.	0	!	!
Johnston Creek	!	!N.I.	!N.O.	!N.O.	150
Johnston Lake	600	500	!	!N.O.	!N.O.
Khyex River	!	!N.I.	200000	200	225
Kloiya River	!	!	4000	!	250
La Hou Creek	!	!present	25000	!	!
Little Useless Creek	!	!	500	!	!
Lockerby Creek	!	!N.I.	!N.I.	!N.I.	!
McNeil River	!	250	!N.I.	!	!
McNichol Creek	!	200	1500	!	!
Madeline Creek	!	!N.I.	!N.I.	!N.I.	!
Moore Cove Creek	!	!present	45000	!	!
Muddy Creek	!	!	!N.I.	!	!
Oldfield Creek	!	120	!N.O.	!	!
Oona River	!	800	13500	!	!
Prudhomme Creek	1000	!N.O.	!	!	!
Shawatlan Creek	1700	200	50	!	!N.I.
Silver Creek	!	50	3500	!N.O.	!
Sparkling Creek	!	!	!N.I.	!N.I.	!
Spiller River	!	!N.O.	2000	!	!
TOTAL:	5800	6430	308956	200	625

TERRACE SUB-DISTRICT
1991 ESCAPEMENT

STREAM	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK
LAKELSE SUB-AREA					
Andalas Creek	!	150 !	!	!	!
Blackwater Creek	200 !	100 !	!	!	!
Clearwater Creek	!	350 !	!	!	!
Coldwater Creek	!	200 !	7500 !	!	35
Granite Creek	!	!	!	!	!
Hatchery Creek	10 !	40 !	!	!	!
Herman Creek	!	50 !	200 !	!	!
Hotspring Slough	!	!	!	!	!
Lakelse River	!	10000 !	1800000 !	!	250
Mink Creek	!	!	!	!	!
North Hatchery Creek	!	!	!	!	!
Schulbuckhand Creek	3350 !	300 !	1000 !	!	!
Sockeye Creek	100 !	400 !	!	!	!
White Creek	!	25 !	1500 !	!	!
Williams Creek	2700 !	400 !	!	!	!
TOTAL:	6360 !	12015 !	1810200 !	0 !	285
KITSUMKALUM SUB-AREA					
Cedar River	300 !	200 !	!	!	175
Clear Creek	!	100 !	!	!	150
Deep Creek	!	!	4000 !	3 !	10
Dry Creek	!	300 !	!	!	!
Glacier Creek	!	!	!	!	!
Goat Creek	!	!	!	!	!
Kitsumkalum Lake	1500 !	!	!	!	!
Kitsumkalum River(Lower)	!	5000 !	100000 !	!	9200
Kitsumkalum River(Upper)	!	1500 !	!	!	!
Lean-to Creek	!	100 !	!	!	!
Spring Creek	!	50 !	!	!	!
Star Creek	!	!	!	!	!
TOTAL:	1800 !	7250 !	104000 !	3 !	9535
OTHER LOWER SKEENA SUB-AREA					
Alastair Lake	5000 !	!	!	!	!
Alwyn Creek	!	!	!	!	!
Andeside Creek	!	!	3000 !	!	!
Dog-Tag (& Clay) Creek	!	200 !	3500 !	250 !	!
Erlandsen Creek	!	50 !	1500 !	!	25
Esker Slough	!	15 !	!	!	!
Exchamsiks River	!	750 !	1000 !	!	40
Exstew River	!	3000 !	750 !	!	10
Exstew Slough	!	!	1000 !	!	!
Gitnadoix River	!	6000 !	14500 !	100 !	85
Kadeen Creek	!	150 !	400 !	!	50
Kasiks River	!	3000 !	8000 !	10 !	35
Kwinitsa River	!	!	!	!	!

TERRACE SUB-DISTRICT

1991 ESCAPEMENT

STREAM	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK
OTHER LOWER SKEENA SUB-AREA CONT.					
Magar Creek	!	100 !	5500 !	!	110
Middle Creek	!	25 !	800 !	20 !	
Molybdenum Creek	!	10 !	50 !	!	
Scotia River	!	!	!	!	
Shames River	!	!	2500 !	!	
Shames Slough	!	!	!	!	
Skeena River	!	!	750000 !	1000 !	600
Southend Creek	6500 !	50 !	!	!	
Thornhill Creek	!	300 !	!	!	
Zymagotitz River	!	750 !	5000 !	!	10
TOTAL:	11500 !	14400 !	801600 !	1380 !	965

1991 ESCAPEMENT

STREAM	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK !
KISPIOX SUB-AREA					
Beaverlodge Creek	!	!present	!	!	!
Big Fish Creek	!	!present	!	!	!
Clifford Creek	!	!present	8000	!	!
Club Creek (Lower)	4000	!present	!	!	!
Club Creek (Upper)	3500	!present	!	!	!
Cullon Creek	!	75	2000	25	!
Date Creek	!	50	12000	75	20
Falls Creek	!N.I.	!	!	!	!
Footsore Creek	!N.I.	!	!	!	!
Hodder Creek	!N.I.	!	!	!	!
Ironside Creek	!	!N.I.	!N.O.	!	!
Kispiox River	!	1400	250000	!	3500
Little Fish Creek	!N.I.	!	!	!	!
McCully Creek	!	!	200	!	!
McQueen Creek	!	!	!present	!	!
Murder Creek	!	!N.I.	!	!	!
Nangeese River	!	!	20000	!present	500
Skunsnat Creek	!	!	5000	!	!
Stephens Creek	!	!	!	!	!
Sweetin River	!	100	!	!	450
Twin Creek	!	!N.I.	!	!	!
Upper Footsore Creek	!	!N.I.	!	!	!
TOTAL:	7500	1625	297200	100	4470
OTHER MIDDLE SKEENA SUB-AREA					
Burdick Creek	!	!present	6000	!	!
Chicago Creek	!	!N.I.	!	!	!
Chindemash Creek	!	!	!	!	!
Comeau Creek	!	!	1000	!	!
Fiddler Creek	!	!	!	!	!
Glen Vowel Creek	!	!	!N.I.	!	!
Hazelton Creek	!	!	2500	!	!
Kitsegucla River	!present	!N.I.	5000	!	75
Kitwanga River	!present	500	250000	1500	1200
Kleanza Creek	!	200	4000	!	!
Legate Creek	!	!	!	!	!
Lowrie Creek	!	!	!	!	!
Price Creek	!	!	2000	!	!
Shandilla Creek	!	!	750	!	!
Shannon Creek	!	!	!	!	!
Shegunia River	!	!present	40000	!	500
Singlehurst Creek	!	35	700	!	!
Wilson Creek	!N.I.	!	!	!	!
Zymoetz River (Lower)	!	!	!	!	!
Zymoetz River (Upper)	!	500	2000	!	800
TOTAL:	0	1235	313950	1500	2575

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

Babine Lake	! 159063				
Babine River (sec 1-3)	! 350000				
Babine River (sec 4)	! 5000	4904	236021	N.O.	1043
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	! 12				
Five-mile Creek	!N.I.				
Four-mile Creek	! 3500				
Fulton River	! 52068	475	30		N.O.
i) Fulton-Sp.Ch.#1	! 12409		6		
ii) Fulton-Sp.Ch.#2	! 97010		44		
iii) Fulton R.(below fen.)	! 20000				
Gull Wing (Six mile) Ck.	! 300				
Hazelwood Creek	!N.I.				
Morrison Creek	! 13000	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	! 400				
Pierre Creek	! 25000	N.O.	N.O.		
Pinkut Creek	! 275924				
i) Pinkut-Sp.Ch.	! 84339				
ii) Airlifted-above falls	! 32249				
Salmon (Tahlo Upper) Ck.	!N.O.				
Shass (Grizzly) Creek	! 8100	N.O.			
Sockeye Creek	! 320				
Sutherland River	! 900				
Tachek Creek	! 156	N.O.			
Tahlo Creek (Lower)	! 7500	N.O.			
Tsezakawa Creek	!	N.I.			
Twain Creek	! 9500	N.O.	N.O.		

TOTAL:	1156750	5379	236101	0	1043

NOTE: N.O. = None Observed
N.I. = Not Inspected

STREAM	SOCKEYE	COHO	PINK	CHUM	CHINOOK
BULKLEY/MORICE SUB-AREA					
Atna Lake	N.I.				
Atna River		N.I.			
Buck Creek		N.I.	N.I.		N.I.
Bulkley River (Lower)		N.I.	80640		255
Bulkley River (Upper)	N.I.	300	N.I.		1200
Canyon Creek		N.I.			
Casqua Creek					
Driftwood Creek		N.I.			
Gosnell Creek		100	N.O.		
Harold Price Creek					
Kathlyn Creek		200	N.I.		
Maxan Creek	N.O.	N.O.			
Morice Lake	N.O.	N.O.			
Morice River	N.O.	725	806400		25500
Nanika River	40000	50	3000		500
Owen Creek		N.I.	N.I.		
Reister Creek		N.I.			
Richfield Ck. (Finlay Ck.)		N.I.			N.I.
Station Creek					
Suskwa River					
Telkwa River		N.I.			
Thautil River		N.I.			
Toboggan Creek		3200	20000		
Trout Creek		N.I.	N.I.		

TOTAL: | 40000 | 4575 | 910040 | 0 | 27455

BEAR SUB-AREA					
Asitka Lake	N.I.				
Azuklotz Creek	3400	N.O.			
Bear Lake	N.O.	N.O.			N.O.
Bear River	300	N.I.	N.I.		5500
Deep Canoe Creek					
Johanson Creek and Lake	N.I.	N.I.			N.I.
Kluatantan Lake	N.I.				
Kluayaz Lake and Creek	N.I.	N.I.			
Moosevale Creek		N.I.			
Motase Creek & Lake	150	N.O.			
Salix Creek	150	N.O.			
Slamgeesh River	N.I.	N.I.	N.I.		N.I.
Sustut Lake and River	N.I.	N.I.			300

TOTAL: | 4000 | 0 | 0 | 0 | 5800

SKEENA RIVER - AREA 4

1991 ESCAPEMENT

SUB-AREA	! SOCKEYE !	COHO !	PINK !	CHUM !	CHINOOK !
COASTAL	! 5800 !	6430 !	308956 !	200 !	625 !
LAKELSE	! 6360 !	12015 !	1810200 !	0 !	285 !
KITSUMKALUM	! 1800 !	7250 !	104000 !	3 !	9535 !
OTHER LOWER SKEENA	! 11500 !	14400 !	801600 !	1380 !	965 !
KISPIOX	! 7500 !	1625 !	297200 !	100 !	4470 !
BULKLEY/MORICE	! 40000 !	4575 !	910040 !	0 !	27455 !
OTHER MIDDLE SKEENA	! 0 !	1235 !	313950 !	1500 !	2575 !
BABINE	! 1156750 !	5379 !	236101 !	0 !	1043 !
BEAR	! 4000 !	0 !	0 !	0 !	5800 !
TOTAL:	! 1233710 !	52909 !	4782047 !	3183 !	52753 !

APPENDIX I

DAILY RECORD OF MORNING HAILS

Fishing Period: (1800h July 01 to 0600h July 02)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough	56	16	GN AVE	18.88	0.00	0.00	0.00	7.31	0.25	0.13
			GN TOTAL	1057	0	0	0	409	14	2
			TOTAL ALL	1057	0	0	0	409	14	2

2) 4-12 Smith Is.	GN	186	24	GN AVE	41.25	0.00	0.00	0.17	0.71	0.00
				GN TOTAL	7673	0	0	32	132	0
				TOTAL ALL	7673	0	0	32	132	0

3) 4-4,4-9 Chatham Sd.	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	43	10	GN AVE	9.20	0.50	0.00	1.60	0.80	0.20
				GN TOTAL	396	22	0	69	34	9
				TOTAL ALL	396	22	0	69	34	9

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	52	13	GN AVE	5.08	0.85	0.13	2.00	0.46	0.15
				GN TOTAL	264	44	7	104	24	8

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	8	2	GN AVE	36.00	3.00	1.00	2.00	0.00	0.00
				GN TOTAL	288	24	8	16	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	6	3	GN AVE	13.70	3.00	0.00	4.33	0.33	0.00
				GN TOTAL	82	18	0	26	2	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0
				GN AVE	27.8	0.3	0.0	0.7	1.7	0.1
	GN	351	68	GN TOTAL	9760	108	15	247	601	31
TOTAL ALL GEAR		351	68	TOTAL ALL	9760	108	15	247	601	31

Fishing Period: (1800h July 07 to 0600h July 08)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		139	31	GN AVE	142.84	0.00	0.00	0.10	1.90	0.39	0.10
				GN TOTAL	19855	0	0	14	264	54	3
				TOTAL ALL	19855	0	0	14	264	54	3
2) 4-12 Smith Is.		GN 256	50	GN AVE	48.46	0.40	0.00	0.24	0.48	0.12	0.02
				GN TOTAL	12406	102	0	61	123	31	1
				TOTAL ALL	12406	102	0	61	123	31	1
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
		GN 94	40	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	75.18	0.85	1.10	1.60	1.28	0.43	0.03
				GN TOTAL	7067	80	103	150	120	40	1
				TOTAL ALL	7067	80	103	150	120	40	1
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
		GN 23	16	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	61.00	1.50	4.19	3.81	0.00	1.25	0.00
				GN TOTAL	1403	35	96	88	0	29	0
				TOTAL ALL	1403	35	96	88	0	29	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
		GN 21	7	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	92.29	5.57	2.71	3.29	2.43	0.00	0.00
				GN TOTAL	1938	117	57	69	51	0	0
				TOTAL ALL	1938	117	57	69	51	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
		GN 17	8	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	107.63	1.75	2.63	3.88	0.63	0.25	0.13
				GN TOTAL	1830	30	45	66	11	4	1
				TOTAL ALL	1830	30	45	66	11	4	1
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
		GN 550	152	GN AVE	80.9	0.7	0.5	0.8	1.0	0.3	0.0
				GN TOTAL	44499	364	301	448	569	158	6
TOTAL ALL GEAR		550	152	TOTAL ALL	44499	364	301	448	569	158	6

Fishing Period: (1800h July 08 to 0600h July 09)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	110	18	GN AVE	29.78	0.00	0.11	0.00	2.28	0.17	0.06	
			GN TOTAL	3276	0	12	0	251	19	1	
			TOTAL ALL	3276	0	12	0	251	19	1	

2) 4-12 Smith Is.	GN	212	47	GN AVE	32.32	0.70	0.36	0.45	0.72	0.21	0.04
				GN TOTAL	6852	148	76	95	153	45	2
			TOTAL ALL	6852	148	76	95	153	45	2	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	120	32	GN AVE	33.75	0.69	0.97	1.97	0.41	0.44	0.00
				GN TOTAL	4050	83	116	236	49	53	0
			TOTAL ALL	4050	83	116	236	49	53	0	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	32	17	GN AVE	45.12	3.41	18.35	4.12	1.24	0.65	0.24
				GN TOTAL	1444	109	587	132	40	21	4
			TOTAL ALL	1444	109	587	132	40	21	4	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	21	7	GN AVE	31.43	8.71	3.43	1.86	2.14	0.00	0.00
				GN TOTAL	660	183	72	39	45	0	0
			TOTAL ALL	660	183	72	39	45	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	32	27	GN AVE	64.85	1.89	1.78	2.26	0.93	0.04	0.00
				GN TOTAL	2075	60	57	72	30	1	0
			TOTAL ALL	2075	60	57	72	30	1	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	34.8	1.1	1.7	1.1	1.1	0.3	0.0
	GN	527	148	GN TOTAL	18357	583	920	574	568	139	7
TOTAL ALL GEAR		527	148	TOTAL ALL	18357	583	920	574	568	139	7

Fishing Period: (1800h July 09 to 0600h July 10)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	95	39	GN AVE	33.79	0.05	0.21	0.00	2.31	0.62	0.15	
			GN TOTAL	3210	5	20	0	219	59	6	
			TOTAL ALL	3210	5	20	0	219	59	6	
2) 4-12 Smith Is.	GN	182	43	GN AVE	20.28	0.56	0.28	0.30	0.58	0.09	0.02
				GN TOTAL	3691	102	51	55	106	16	1
			TOTAL ALL	3691	102	51	55	106	16	1	
3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	120	25	GN AVE	38.52	0.60	1.04	0.76	0.40	0.80	0.08
				GN TOTAL	4622	72	125	91	48	96	2
			TOTAL ALL	4622	72	125	91	48	96	2	
4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	25	12	GN AVE	36.33	1.58	25.75	4.92	0.50	0.50	0.00
				GN TOTAL	908	40	644	123	13	13	0
			TOTAL ALL	908	40	644	123	13	13	0	
5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	23	6	GN AVE	55.00	6.17	5.83	3.00	1.83	0.00	0.00
				GN TOTAL	1265	142	134	69	42	0	0
			TOTAL ALL	1265	142	134	69	42	0	0	
6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	75	36	GN AVE	58.56	2.11	1.78	2.47	0.25	0.00	0.00
				GN TOTAL	4392	158	134	185	19	0	0
			TOTAL ALL	4392	158	134	185	19	0	0	
TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	34.8	1.0	2.1	1.0	0.9	0.4	0.0
	GN	520	161	GN TOTAL	18088	519	1108	523	447	184	9
TOTAL ALL GEAR		520	161	TOTAL ALL	18088	519	1108	523	447	184	9

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

	GEAR DPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	213	8	GN AVE	46.00	0.00	2.75	0.00	2.25	0.38	0.25
			GN TOTAL	9798	0	586	0	479	81	53
			TOTAL ALL	9798	0	586	0	479	81	53

2) 4-12 Smith Is.	GN 276	39	GN AVE	56.56	0.15	1.95	0.08	0.85	0.08	0.00
			GN TOTAL	15611	41	538	22	235	22	0
			TOTAL ALL	15611	41	538	22	235	22	0

3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 79	48	GN AVE	48.83	0.56	7.06	1.33	0.08	0.13	0.00
			GN TOTAL	3858	44	558	105	6	10	0
			TOTAL ALL	3858	44	558	105	6	10	0

4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 47	18	GN AVE	46.56	0.44	5.22	1.33	0.39	0.22	0.06
			GN TOTAL	2188	21	245	63	18	10	3
			TOTAL ALL	2188	21	245	63	18	10	3

5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 22	7	GN AVE	30.00	13.00	34.00	8.00	0.00	0.00	0.00
			GN TOTAL	660	286	748	176	0	0	0
			TOTAL ALL	660	286	748	176	0	0	0

6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 116	28	GN AVE	35.36	3.68	15.93	8.04	0.18	0.00	0.00
			GN TOTAL	4102	427	1848	933	21	0	0
			TOTAL ALL	4102	427	1848	933	21	0	0

TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	48.1	1.1	6.0	1.7	1.0	0.2	0.1
	GN 753	148	GN TOTAL	36217	819	4523	1299	759	123	56
TOTAL ALL GEAR	753	148	TOTAL ALL	36217	819	4523	1299	759	123	56

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

	GEAR			SOCK	CDHD	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	189	11	6N AVE	68.91	0.36	7.82	0.09	4.36	0.91	0.00	
			6N TOTAL	13024	68	1478	17	824	172	0	
			TOTAL ALL	13024	68	1478	17	824	172	0	

2) 4-12 Smith Is.	6N	276	52	6N AVE	38.98	1.17	12.56	0.25	0.50	0.15	0.08
			6N TOTAL	10758	323	3467	69	138	41	22	
			TOTAL ALL	10758	323	3467	69	138	41	22	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	6N	99	23	6N AVE	53.91	0.35	14.04	0.74	0.09	0.35	0.04
			6N TOTAL	5337	35	1390	73	9	35	4	
			TOTAL ALL	5337	35	1390	73	9	35	4	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	6N	51	19	6N AVE	52.26	2.84	6.74	1.05	0.42	0.05	0.16
			6N TOTAL	2665	145	344	54	21	3	8	
			TOTAL ALL	2665	145	344	54	21	3	8	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	6N	22	8	6N AVE	48.75	8.88	34.38	10.63	0.38	0.00	0.00
			6N TOTAL	1073	195	756	234	8	0	0	
			TOTAL ALL	1073	195	756	234	8	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	6N	110	26	6N AVE	20.30	5.54	20.12	11.19	0.12	0.00	0.00
			6N TOTAL	2233	609	2213	1231	13	0	0	
			TOTAL ALL	2233	609	2213	1231	13	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				6N AVE	47.0	1.8	12.9	2.2	1.4	0.3	0.0
	6N	747	139	6N TOTAL	35090	1375	9648	1678	1013	251	34
TOTAL ALL GEAR		747	139	TOTAL ALL	35090	1375	9648	1678	1013	251	34

Fishing Period: (1800h July 16 to 0600h July 17)

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	DPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	183	20	GN AVE	47.45	0.10	15.05	0.15	3.95	0.90	0.10	
			GN TOTAL	8683	18	2754	27	723	165	18	
			TOTAL ALL	8683	18	2754	27	723	165	18	

2) 4-12 Smith Is.	GN	276	34	GN AVE	34.68	0.41	4.82	0.21	0.21	0.06	0.09
			GN TOTAL	9572	113	1330	58	58	17	25	
			TOTAL ALL	9572	113	1330	58	58	17	25	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
	GN	160	36	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	30.03	1.69	12.89	2.00	0.06	0.06	0.00	
			GN TOTAL	4805	270	2062	320	10	10	0	
			TOTAL ALL	4805	270	2062	320	10	10	0	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
	GN	61	22	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	31.95	1.91	11.86	1.73	0.50	0.14	0.00	
			GN TOTAL	1949	117	723	106	31	9	0	
			TOTAL ALL	1949	117	723	106	31	9	0	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
	GN	22	12	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	30.00	4.00	29.00	6.00	0.00	0.00	0.00	
			GN TOTAL	660	88	638	132	0	0	0	
			TOTAL ALL	660	88	638	132	0	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
	GN	60	26	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	24.65	3.81	10.92	7.73	0.08	0.00	0.00	
			GN TOTAL	1479	229	655	464	5	0	0	
			TOTAL ALL	1479	229	655	464	5	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	762	150	GN AVE	35.6	1.1	10.7	1.5	1.1	0.3	0.1
			GN TOTAL	27148	835	8162	1107	827	201	43	
TOTAL ALL GEAR		762	150	TOTAL ALL	27148	835	8162	1107	827	201	43

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

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	275	43	GN AVE	125.12	0.12	42.86	0.26	1.09	0.51	0.21	
			GN TOTAL	34408	33	11787	72	300	140	58	
			TOTAL ALL	34408	33	11787	72	300	140	58	

2) 4-12 Smith Is.	GN	225	42	GN AVE	66.90	0.55	26.64	0.29	0.26	0.00	0.00
				GN TOTAL	15053	124	5994	65	59	0	0
			TOTAL ALL	15053	124	5994	65	59	0	0	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	133	38	GN AVE	71.53	2.71	53.03	0.84	0.50	0.26	0.00
				GN TOTAL	9513	360	7053	112	67	35	0
			TOTAL ALL	9513	360	7053	112	67	35	0	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	73	26	GN AVE	188.42	1.77	31.77	1.92	0.54	0.04	0.04
				GN TOTAL	13755	129	2319	140	39	3	3
			TOTAL ALL	13755	129	2319	140	39	3	3	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	27	5	GN AVE	57.00	3.20	54.20	9.00	0.00	0.00	0.00
				GN TOTAL	1539	86	1463	243	0	0	0
			TOTAL ALL	1539	86	1463	243	0	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	29	12	GN AVE	52.08	10.33	33.08	11.17	0.67	0.00	0.00
				GN TOTAL	1510	300	959	324	19	0	0
			TOTAL ALL	1510	300	959	324	19	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	99.4	1.4	38.8	1.3	0.6	0.2	0.1
	GN	762	166	GN TOTAL	75778	1032	29575	956	484	178	61
TOTAL ALL GEAR		762	166	TOTAL ALL	75778	1032	29575	956	484	178	61

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

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough		150	42	GN AVE	39.79	0.02	27.95	0.02	0.31	0.07	0.10
				GN TOTAL	5969	3	4193	3	47	11	15
				TOTAL ALL	5969	3	4193	3	47	11	15
2) 4-12 Smith Is.		GN 200	7	GN AVE	23.86	0.29	12.29	0.00	0.43	0.00	0.14
				GN TOTAL	4772	58	2458	0	86	0	28
				TOTAL ALL	4772	58	2458	0	86	0	28
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 100	18	GN AVE	12.06	2.83	17.44	3.11	0.17	0.00	0.00
				GN TOTAL	1206	283	1744	311	17	0	0
				TOTAL ALL	1206	283	1744	311	17	0	0
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 73	24	GN AVE	73.88	2.00	48.13	1.83	0.21	0.00	0.00
				GN TOTAL	5393	146	3513	134	15	0	0
				TOTAL ALL	5393	146	3513	134	15	0	0
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 40	0	GN AVE	73.33	8.33	85.67	46.67	0.33	0.00	0.00
				GN TOTAL	2933	333	3427	1867	13	0	0
				TOTAL ALL	2933	333	3427	1867	13	0	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 12	3	GN AVE	73.33	8.33	85.67	46.67	0.33	0.00	0.00
				GN TOTAL	880	100	1028	560	4	0	0
				TOTAL ALL	880	100	1028	560	4	0	0
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	36.8	1.6	28.5	5.0	0.3	0.0	0.1
		GN 575	94	GN TOTAL	21153	923	16363	2875	182	11	43
TOTAL ALL GEAR		575	94	TOTAL ALL	21153	923	16363	2875	182	11	43

Note: catches and effort down due to weather

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

		GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		250	37	GN AVE	61.65	0.32	67.70	0.11	0.86	0.35	0.19	
				GN TOTAL	15413	80	16925	28	215	88	48	
				TOTAL ALL	15413	80	16925	28	215	88	48	

2) 4-12 Smith Is.	GN	238	29	GN AVE	24.55	1.10	43.34	0.14	0.76	0.00	0.07	
				GN TOTAL	5843	262	10315	33	181	0	17	
				TOTAL ALL	5843	262	10315	33	181	0	17	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	145	21	GN AVE	36.76	5.76	29.33	5.57	0.24	0.19	0.00	
				GN TOTAL	5330	835	4253	808	35	28	0	
				TOTAL ALL	5330	835	4253	808	35	28	0	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	90	27	GN AVE	57.22	2.04	26.85	1.33	0.52	0.00	0.00	
				GN TOTAL	5150	184	2417	120	47	0	0	
				TOTAL ALL	5150	184	2417	120	47	0	0	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	27	4	GN AVE	15.75	5.25	15.75	5.00	0.25	0.00	0.00	
				GN TOTAL	425	142	425	135	7	0	0	
				TOTAL ALL	425	142	425	135	7	0	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	37	18	GN AVE	17.94	14.22	27.78	19.44	0.06	0.00	0.00	
				GN TOTAL	664	526	1028	719	2	0	0	
				TOTAL ALL	664	526	1028	719	2	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0	
				GN AVE	41.7	2.6	44.9	2.3	0.6	0.1	0.1	
	GN	787	136	GN TOTAL	32825	2029	35363	1843	487	116	65	
TOTAL ALL GEAR		787	136	TOTAL ALL	32825	2029	35363	1843	487	116	65	

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

		GEAR	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD									
		----	----			----	----	----	----	----	----	----
1) 4-12part,4-156N		239	23	GN AVE		19.96	0.22	71.87	0.00	0.17	0.04	0.04
River/Gap/Slough				GN TOTAL		4770	53	17177	0	41	10	10
				TOTAL ALL		4770	53	17177	0	41	10	10

2) 4-12	GN	209	9	GN AVE		29.89	0.56	100.00	0.78	0.78	0.00	0.00
Smith Is.				GN TOTAL		6247	117	20900	163	163	0	0
				TOTAL ALL		6247	117	20900	163	163	0	0

3) 4-4,4-9	SN			SN AVE								
Chatham Sd.				SN TOTAL		0	0	0	0	0	0	0
	GN	132	6	GN AVE		25.83	19.17	44.17	1.33	0.17	0.00	0.00
				GN TOTAL		3410	2530	5830	176	22	0	0
				TOTAL ALL		3410	2530	5830	176	22	0	0

4) 4-5,4-8,4-14	SN			SN AVE								
North Boundary				SN TOTAL		0	0	0	0	0	0	0
	GN	90	0	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	0	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	SN			SN AVE								
Outside Stephens				SN TOTAL		0	0	0	0	0	0	0
	GN	37	7	GN AVE		30.29	12.14	33.71	16.43	0.14	0.00	0.43
				GN TOTAL		1121	449	1247	608	5	0	16
				TOTAL ALL		1121	449	1247	608	5	0	16

TOTAL ALL	SN	0	0	SN TOTAL		0	0	0	0	0	0	0
				GN AVE		22.0	4.5	63.9	1.3	0.3	0.0	0.0
	GN	707	45	GN TOTAL		15548	3149	45154	947	231	10	26
TOTAL ALL GEAR		707	45	TOTAL ALL		15548	3149	45154	947	231	10	26

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

		GEAR	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
		OPR	CHKD									
1) 4-12part,4-15GN		205	17	GN AVE		128.06	0.59	110.29	0.71	0.88	0.00	0.12
River/Gap/Slough				GN TOTAL		26252	121	22609	146	180	0	25
				TOTAL ALL		26252	121	22609	146	180	0	25

2) 4-12	GN	114	30	GN AVE		56.63	0.87	116.17	0.77	0.50	0.00	0.43
Smith Is.				GN TOTAL		6456	99	13243	88	57	0	49
				TOTAL ALL		6456	99	13243	88	57	0	49

3) 4-4,4-9	SN			SN AVE								
Chatham Sd.				SN TOTAL		0	0	0	0	0	0	0
	GN	101	47	GN AVE		36.04	7.17	72.64	1.02	0.23	0.11	0.26
				GN TOTAL		3640	724	7337	103	23	11	26
				TOTAL ALL		3640	724	7337	103	23	11	26

4) 4-5,4-8,4-14	SN			SN AVE								
North Boundary				SN TOTAL		0	0	0	0	0	0	0
	GN	155	38	GN AVE		34.74	1.76	64.79	1.61	0.05	0.00	0.26
				GN TOTAL		5385	273	10042	250	8	0	40
				TOTAL ALL		5385	273	10042	250	8	0	40

5) 4-1,4-13	SN			SN AVE								
Hudson Bay Pass				SN TOTAL		0	0	0	0	0	0	0
	GN	3	0	GN AVE		39.10	15.80	54.75	1.10	0.35	0.25	0.15
				GN TOTAL		117	47	164	3	1	1	0
				TOTAL ALL		117	47	164	3	1	1	0

6) 4-2,4-3	SN			SN AVE								
Outside Stephens				SN TOTAL		0	0	0	0	0	0	0
	GN	9	0	GN AVE		39.10	15.80	54.75	1.10	0.35	0.25	0.15
				GN TOTAL		352	142	493	10	3	2	1
				TOTAL ALL		352	142	493	10	3	2	1

TOTAL ALL	SN	0	0	SN TOTAL		0	0	0	0	0	0	0
				GN AVE		71.9	2.4	91.8	1.0	0.5	0.0	0.2
	GN	587	132	GN TOTAL		42202	1406	53888	600	272	14	141
TOTAL ALL GEAR		587	132	TOTAL ALL		42202	1406	53888	600	272	14	141

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

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	145	10	GN AVE	50.80	0.00	87.70	0.00	0.80	0.30	0.20	
			GN TOTAL	7366	0	12717	0	116	44	29	
			TOTAL ALL	7366	0	12717	0	116	44	29	

2) 4-12 Smith Is.	GN	200	36	GN AVE	52.50	2.22	185.14	1.25	0.08	0.15	0.31
				GN TOTAL	10500	444	37028	250	16	30	62
			TOTAL ALL	10500	444	37028	250	16	30	62	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	98	31	GN AVE	16.42	4.06	238.06	0.48	0.35	0.39	0.13
				GN TOTAL	1609	398	23330	47	34	38	13
			TOTAL ALL	1609	398	23330	47	34	38	13	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	125	39	GN AVE	39.18	1.62	61.79	2.59	0.15	0.05	0.28
				GN TOTAL	4898	203	7724	324	19	6	35
			TOTAL ALL	4898	203	7724	324	19	6	35	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	3	0	GN AVE	16.42	4.06	238.06	0.48	0.35	0.39	0.13
				GN TOTAL	49	12	714	1	1	1	0
			TOTAL ALL	49	12	714	1	1	1	0	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	9	0	GN AVE	16.42	4.06	238.06	0.48	0.35	0.39	0.13
				GN TOTAL	148	37	2143	4	3	4	1
			TOTAL ALL	148	37	2143	4	3	4	1	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	42.4	1.9	144.2	1.1	0.3	0.2	0.2
	GN	580	116	GN TOTAL	24570	1094	83656	626	189	123	140
TOTAL ALL GEAR		580	116	TOTAL ALL	24570	1094	83656	626	189	123	140

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

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	145	16	GN AVE	48.44	2.06	121.25	0.63	0.56	0.25	0.00
			GN TOTAL	7024	299	17581	91	81	36	0
			TOTAL ALL	7024	299	17581	91	81	36	0
2) 4-12 Smith Is.	GN 190	31	GN AVE	43.32	2.29	212.90	0.42	0.19	0.06	0.23
			GN TOTAL	8231	435	40451	80	36	11	44
			TOTAL ALL	8231	435	40451	80	36	11	44
3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 96	26	GN AVE	29.65	7.54	160.65	2.19	0.42	0.19	0.27
			GN TOTAL	2846	724	15422	210	40	18	26
			TOTAL ALL	2846	724	15422	210	40	18	26
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 125	36	GN AVE	38.22	1.47	50.11	0.94	0.17	0.00	0.06
			GN TOTAL	4778	184	6264	118	21	0	8
			TOTAL ALL	4778	184	6264	118	21	0	8
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 6	0	GN AVE	23.00	13.00	165.83	3.42	0.83	0.42	0.17
			GN TOTAL	138	78	995	21	5	3	1
			TOTAL ALL	138	78	995	21	5	3	1
6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 8	0	GN AVE	23.00	13.00	165.83	3.42	0.83	0.42	0.17
			GN TOTAL	184	104	1327	27	7	3	1
			TOTAL ALL	184	104	1327	27	7	3	1
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	40.7	3.2	143.9	1.0	0.3	0.1	0.1
	GN 570	109	GN TOTAL	23201	1824	82040	547	190	71	80
TOTAL ALL GEAR	570	109	TOTAL ALL	23201	1824	82040	547	190	71	80

Fishing Period: (1800h July 30 to 0600h July 31)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		165	14	GN AVE	37.86	1.14	175.57	0.36	0.79	0.21	0.14	
				GN TOTAL	6247	188	28969	59	130	35	23	
				TOTAL ALL	6247	188	28969	59	130	35	23	

2) 4-12 Smith Is.		GN 145	11	GN AVE	24.36	2.36	228.55	1.45	0.55	0.27	0.09	
				GN TOTAL	3532	342	33140	210	80	39	13	
				TOTAL ALL	3532	342	33140	210	80	39	13	

3) 4-4,4-9 Chatham Sd.		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN 60	11	GN AVE	48.36	4.00	146.82	2.64	0.73	0.00	0.09	
				GN TOTAL	2902	240	8809	158	44	0	5	
				TOTAL ALL	2902	240	8809	158	44	0	5	

4) 4-5,4-8,4-14 North Boundary		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN 85	39	GN AVE	57.44	2.05	68.38	1.85	0.15	0.00	0.41	
				GN TOTAL	4882	174	5812	157	13	0	35	
				TOTAL ALL	4882	174	5812	157	13	0	35	

5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
		GN 1	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 4	0	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	38.2	2.1	166.8	1.3	0.6	0.2	0.2	
		GN 460	75	GN TOTAL	17563	944	76730	584	267	74	76	
TOTAL ALL GEAR		460	75	TOTAL ALL	17563	944	76730	584	267	74	76	

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

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	161	43	GN AVE	87.42	2.26	349.53	0.56	0.60	0.21	0.30
			GN TOTAL	14075	364	56274	90	97	34	48
			TOTAL ALL	14075	364	56274	90	97	34	48

2) 4-12 Smith Is.	GN	48	21	GN AVE	51.86	2.67	156.43	2.00	0.38	0.00 0.14
				GN TOTAL	2489	128	7509	96	18	0 7
			TOTAL ALL	2489	128	7509	96	18	0	7

3) 4-4,4-9 Chatham Sd.	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	35	17	GN AVE	33.24	5.88	106.59	1.35	0.12	0.24 0.18
				GN TOTAL	1163	206	3731	47	4	8 6
			TOTAL ALL	1163	206	3731	47	4	8	6

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	57	21	GN AVE	17.24	0.76	24.19	1.67	0.05	0.00 0.05
				GN TOTAL	983	43	1379	95	3	0 3
			TOTAL ALL	983	43	1379	95	3	0	3

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	0	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	3	1	GN AVE	25.00	12.00	300.00	25.00	0.00	0.00 0.00
				GN TOTAL	75	36	900	75	0	0 0
			TOTAL ALL	75	36	900	75	0	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0
				GN AVE	61.8	2.6	229.6	1.3	0.4	0.1 0.2
	GN	304	103	GN TOTAL	18785	777	69793	403	122	42 64
TOTAL ALL GEAR		304	103	TOTAL ALL	18785	777	69793	403	122	42 64

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

		GEAR DPR	GEAR CHKD		SOCK	CDHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/Gap/Slough		161	35	GN AVE	85.86	2.31	367.49	0.66	0.71	0.06	0.46
				GN TOTAL	13823	372	59166	106	114	10	74
				TOTAL ALL	13823	372	59166	106	114	10	74
2) 4-12 Smith Is.		GN 25	13	GN AVE	45.62	1.77	91.77	1.69	0.38	0.00	1.00
				GN TOTAL	1141	44	2294	42	10	0	25
				TOTAL ALL	1141	44	2294	42	10	0	25
3) 4-4,4-9 Chatham Sd.		SN 2	1	SN AVE	45	45	1200	5	0	0	0
				SN TOTAL	90	90	2400	10	0	0	0
		GN 20	15	GN AVE	57.20	14.40	195.33	4.87	0.13	0.40	0.67
				GN TOTAL	1144	288	3907	97	3	8	13
				TOTAL ALL	1234	378	6307	107	3	8	13
4) 4-5,4-8,4-14 North Boundary		SN 1	1	SN AVE	150	0	1250	0	0	0	0
				SN TOTAL	150	0	1250	0	0	0	0
		GN 45	10	GN AVE	23.20	6.30	35.10	3.50	0.00	0.00	0.60
				GN TOTAL	1044	284	1580	158	0	0	27
				TOTAL ALL	1194	284	2830	158	0	0	27
5) 4-1,4-13 Hudson Bay Pass		SN 0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 0	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 0	0	SN AVE ,							
				SN TOTAL	0	0	0	0	0	0	0
		GN 3	3	GN AVE	16.67	8.00	60.00	10.33	0.00	0.00	0.00
				GN TOTAL	50	24	180	31	0	0	0
				TOTAL ALL	50	24	180	31	0	0	0
TOTAL ALL		SN 3	2	SN TOTAL	240	90	3650	10	0	0	0
				GN AVE	67.7	4.0	264.3	1.7	0.5	0.1	0.5
		GN 254	76	GN TOTAL	17202	1012	67127	434	127	18	139
TOTAL ALL GEAR		257	78	TOTAL ALL	17442	1102	70777	444	127	18	139

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

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	125	31	GN AVE	36.19	2.26	315.97	0.45	0.32	0.13	0.45	
			GN TOTAL	4524	283	39496	56	40	16	56	
			TOTAL ALL	4524	283	39496	56	40	16	56	

2) 4-12 Smith Is.	GN	35	21	GN AVE	38.33	2.48	118.81	0.62	0.24	0.00	0.57
				GN TOTAL	1342	87	4158	22	8	0	20
			TOTAL ALL	1342	87	4158	22	8	0	20	

3) 4-4,4-9 Chatham Sd.	SN	1	1	SN AVE	0	0	100	0	0	0	0
				SN TOTAL	0	0	100	0	0	0	0
	GN	20	12	GN AVE	23.33	5.25	74.92	2.83	0.25	0.58	0.25
				GN TOTAL	467	105	1498	57	5	12	5
			TOTAL ALL	467	105	1598	57	5	12	5	

4) 4-5,4-8,4-14 North Boundary	SN	3	3	SN AVE	77	0	777	1	0	0	0
				SN TOTAL	230	0	2330	2	0	0	0
	GN	30	12	GN AVE	39.67	1.58	48.08	1.00	0.08	0.00	0.42
				GN TOTAL	1190	47	1442	30	2	0	13
			TOTAL ALL	1420	47	3772	32	2	0	13	

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

TOTAL ALL	SN	4	4	SN TOTAL	230	0	2430	2	0	0	0
				GN AVE	35.8	2.5	221.9	0.8	0.3	0.1	0.4
	GN	210	76	GN TOTAL	7523	522	46594	165	55	28	94
TOTAL ALL GEAR		214	80	TOTAL ALL	7753	522	49024	167	55	28	94

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

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	106	7	GN AVE	13.86	1.43	187.14	1.71	0.43	0.00	0.00	
			GN TOTAL	1469	152	19837	181	46	0	0	
			TOTAL ALL	1469	152	19837	181	46	0	0	

2) 4-12 Smith Is.	GN	55	32	GN AVE	80.66	4.44	246.28	1.28	0.38	0.03	1.25
				GN TOTAL	4436	244	13545	70	21	2	69
			TOTAL ALL	4436	244	13545	70	21	2	69	

3) 4-4,4-9 Chatham Sd.	SN	10	2	SN AVE	185	0	2100	0	0	0	0
				SN TOTAL	1850	0	21000	0	0	0	0
	GN	26	4	GN AVE	58.00	2.25	102.50	1.25	0.00	0.00	1.00
				GN TOTAL	1508	59	2665	33	0	0	26
			TOTAL ALL	3358	59	23665	33	0	0	26	

4) 4-5,4-8,4-14 North Boundary	SN	3	3	SN AVE	83	0	900	0	0	0	0
				SN TOTAL	250	0	2700	0	0	0	0
	GN	36	17	GN AVE	55.65	3.29	58.47	1.41	0.12	0.00	0.65
				GN TOTAL	2003	118	2105	51	4	0	23
			TOTAL ALL	2253	118	4805	51	4	0	23	

5) 4-1,4-13 Hudson Bay Pass	SN	0		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0	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	0		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	3	1	GN AVE	75.00	12.00	350.00	20.00	0.00	0.00	0.00
				GN TOTAL	225	36	1050	60	0	0	0
			TOTAL ALL	225	36	1050	60	0	0	0	

TOTAL ALL	SN	13	5	SN TOTAL	2100	0	23700	0	0	0	0
				GN AVE	42.7	2.7	173.5	1.7	0.3	0.0	0.5
	GN	226	61	GN TOTAL	9641	609	39202	395	71	2	118
TOTAL ALL GEAR		239	66	TOTAL ALL	11741	609	62902	395	71	2	118

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

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	94	0	GN AVE GN TOTAL	Thick fog 0	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	0
2) 4-12 Smith Is.	GN 74	24	GN AVE GN TOTAL	25.00 1850	3.21 238	152.50 11285	1.13 84	0.08 6	0.00 0	0.33 24	
			TOTAL ALL	1850	238	11285	84	6	0	24	
3) 4-4,4-9 Chatham Sd.	SN 10	7	SN AVE SN TOTAL	49 488	2 20	686 6857	4 40	0 0	0 0	0 0	
	GN 15	5	GN AVE GN TOTAL	31.80 477	2.00 30	87.20 1308	1.20 18	0.00 0	0.00 0	0.20 3	
			TOTAL ALL	965	50	8165	58	0	0	3	
4) 4-5,4-8,4-14 North Boundary	SN 5	5	SN AVE SN TOTAL	72 362	2 10	680 3400	4 20	0 0	0 0	0 0	
	GN 43	13	GN AVE GN TOTAL	48.77 2097	4.80 206	58.85 2531	6.85 295	0.00 0	0.00 0	0.31 13	
			TOTAL ALL	2459	216	5931	315	0	0	13	
5) 4-1,4-13 Hudson Bay Pass	SN 0	0	SN AVE SN TOTAL	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	GN 0	0	GN AVE GN TOTAL	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
			TOTAL ALL	0	0	0	0	0	0	0	
6) 4-2,4-3 Outside Stephens	SN 0	0	SN AVE SN TOTAL	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	GN 0	0	GN AVE GN TOTAL	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
			TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL	SN 15	12	SN TOTAL	850	30	10257	60	0	0	0	
	GN 226	42	GN AVE GN TOTAL	19.6 4424	2.1 474	66.9 15124	1.8 397	0.0 6	0.0 0	0.2 40	
TOTAL ALL GEAR	241	54	TOTAL ALL	5274	504	25381	457	6	0	40	

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

		GEAR	GEAR								
		OPR	CHKD	SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
		----	----	----	----	----	----	----	----	----	----
1) 4-12part,4-15GN		77	35	GN AVE	51.71	4.83	241.00	1.03	0.06	0.00	0.94
River/Gap/Slough				GN TOTAL	3982	372	18557	79	5	0	72
				TOTAL ALL	3982	372	18557	79	5	0	72

2) 4-12	GN	34	13	GN AVE	54.92	3.31	90.85	1.38	0.08	0.00	0.54
Smith Is.				GN TOTAL	1867	113	3089	47	3	0	18
				TOTAL ALL	1867	113	3089	47	3	0	18

3) 4-4,4-9	SN			SN AVE							
Chatham Sd.				SN TOTAL	0	0	0	0	0	0	0
	GN	19	3	GN AVE	14.67	12.33	138.00	2.67	1.33	1.33	0.67
				GN TOTAL	279	234	2622	51	25	25	13
				TOTAL ALL	279	234	2622	51	25	25	13

4) 4-5,4-8,4-14	SN			SN AVE							
North Boundary				SN TOTAL	0	0	0	0	0	0	0
	GN	35	11	GN AVE	9.91	9.36	92.73	4.36	0.18	0.00	0.09
				GN TOTAL	347	328	3246	153	6	0	3
				TOTAL ALL	347	328	3246	153	6	0	3

5) 4-1,4-13	SN			SN AVE							
Hudson Bay Pass				SN TOTAL	0	0	0	0	0	0	0
	GN	0	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	SN			SN AVE							
Outside Stephens				SN TOTAL	0	0	0	0	0	0	0
	GN	3	0	GN AVE	14.67	12.33	138.00	2.67	1.33	1.33	0.67
				GN TOTAL	44	37	414	8	4	4	2
				TOTAL ALL	44	37	414	8	4	4	2

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	38.8	6.5	166.2	2.0	0.3	0.2	0.6
	GN	168	62	GN TOTAL	6519	1084	27928	338	43	29	108
TOTAL ALL GEAR		168	62	TOTAL ALL	6519	1084	27928	338	43	29	108

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

	GEAR				SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	60	33	GN AVE	29.61	2.42	103.94	0.88	0.00	0.00	0.94	
			GN TOTAL	1777	145	6236	53	0	0	56	
			TOTAL ALL	1777	145	6236	53	0	0	56	

2) 4-12 Smith Is.	GN	30	18	GN AVE	24.50	3.78	52.06	1.28	0.17	0.00	0.33
				GN TOTAL	735	113	1562	38	5	0	10
				TOTAL ALL	735	113	1562	38	5	0	10

3) 4-4,4-9 Chatham Sd.	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	12	10	GN AVE	19.80	10.00	46.20	3.10	0.30	0.00	0.00
				GN TOTAL	238	120	554	37	4	0	0
				TOTAL ALL	238	120	554	37	4	0	0

4) 4-5,4-8,4-14 North Boundary	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	30	7	GN AVE	13.44	6.71	105.71	2.14	0.14	0.00	0.14
				GN TOTAL	403	201	3171	64	4	0	4
				TOTAL ALL	403	201	3171	64	4	0	4

5) 4-1,4-13 Hudson Bay Pass	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0	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	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	3	0	GN AVE	24.60	6.00	42.40	2.80	0.20	0.00	0.00
				GN TOTAL	74	18	127	8	1	0	0
				TOTAL ALL	74	18	127	8	1	0	0

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	23.9	4.4	86.3	1.5	0.1	0.0	0.5
	GN	135	68	GN TOTAL	3227	597	11650	200	14	0	70
TOTAL ALL GEAR	135	68	TOTAL ALL	3227	597	11650	200	14	0	70	

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

	GEAR				SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD										
1) 4-12part,4-156N River/Gap/Slough	58	29			GN AVE	39.93	3.97	119.45	1.79	0.07	0.00	0.72
					GN TOTAL	2316	230	6928	104	4	0	42
					TOTAL ALL	2316	230	6928	104	4	0	42

2) 4-12 Smith Is.	GN	29	12		GN AVE	24.50	4.08	43.92	2.67	0.00	0.00	0.00
					GN TOTAL	711	118	1274	77	0	0	0
					TOTAL ALL	711	118	1274	77	0	0	0

3) 4-4,4-9 Chatham Sd.	SN				SN AVE							
	GN	15	9		GN AVE	16.33	9.22	33.78	5.00	0.22	0.00	0.00
					GN TOTAL	245	138	507	75	3	0	0
					TOTAL ALL	245	138	507	75	3	0	0

4) 4-5,4-8,4-14 North Boundary	SN				SN AVE							
	GN	30	4		GN AVE	4.00	9.00	24.25	1.50	0.75	0.50	0.25
					GN TOTAL	120	270	728	45	23	15	8
					TOTAL ALL	120	270	728	45	23	15	8

5) 4-1,4-13 Hudson Bay Pass	SN				SN AVE							
	GN	0	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							
	GN	3	1		GN AVE	18.00	20.00	38.00	5.00	0.00	0.00	0.00
					GN TOTAL	54	60	114	15	0	0	0
					TOTAL ALL	54	60	114	15	0	0	0

TOTAL ALL	SN	0	0		SN TOTAL	0	0	0	0	0	0	0
					GN AVE	25.5	6.0	70.7	2.3	0.2	0.1	0.4
	GN	135	55		GN TOTAL	3446	816	9551	316	30	15	50
TOTAL ALL GEAR		135	55		TOTAL ALL	3446	816	9551	316	30	15	50

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

	GEAR			SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD								
1) 4-12part,4-15GN River/Gap/Slough	11	11	GN AVE	9.00	3.45	34.09	1.09	0.00	0.00	0.18
			GN TOTAL	99	38	375	12	0	0	2
			TOTAL ALL	99	38	375	12	0	0	2

2) 4-12 Smith Is.	GN	0	GN AVE							
			GN TOTAL	0	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							
	GN	4	SN TOTAL	0	0	0	0	0	0	0
		2	GN AVE	2.00	6.00	12.50	2.00	0.00	0.00	0.00
			GN TOTAL	8	24	50	8	0	0	0
			TOTAL ALL	8	24	50	8	0	0	0

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

TOTAL ALL	SN	0	SN TOTAL	0	0	0	0	0	0	0
	GN	15	GN AVE	7.1	4.1	28.3	1.3	0.0	0.0	0.1
		13	GN TOTAL	107	62	425	20	0	0	2
TOTAL ALL GEAR		15	TOTAL ALL	107	62	425	20	0	0	2

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

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough	19	9	GN AVE	7.44	3.22	53.33	0.33	0.00	0.00	0.56	
			GN TOTAL	141	61	1013	6	0	0	11	
			TOTAL ALL	141	61	1013	6	0	0	11	

2) 4-12 Smith Is.	GN	16	8	GN AVE	22.13	8.63	39.63	2.38	0.38	0.00	1.75
			GN TOTAL	354	138	634	38	6	0	28	
			TOTAL ALL	354	138	634	38	6	0	28	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	
	GN	7	2	GN AVE	4.00	7.50	9.00	5.00	0.00	0.00	0.00
			GN TOTAL	28	53	63	35	0	0	0	
			TOTAL ALL	28	53	63	35	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	0	0	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	12.5	6.0	40.7	1.9	0.1	0.0	0.9
	GN	42	19	GN TOTAL	523	252	1710	79	6	0	39
TOTAL ALL GEAR		42	19	TOTAL ALL	523	252	1710	79	6	0	39

Year	Month	Day	Hour	Amount	Remarks
1911	Jan	1	10	0.00	
1911	Jan	2	12	0.00	
1911	Jan	3	15	0.00	
1911	Jan	4	18	0.00	
1911	Jan	5	21	0.00	
1911	Jan	6	24	0.00	
1911	Jan	7	27	0.00	
1911	Jan	8	30	0.00	
1911	Jan	9	33	0.00	
1911	Jan	10	36	0.00	
1911	Jan	11	39	0.00	
1911	Jan	12	42	0.00	
1911	Jan	13	45	0.00	
1911	Jan	14	48	0.00	
1911	Jan	15	51	0.00	
1911	Jan	16	54	0.00	
1911	Jan	17	57	0.00	
1911	Jan	18	60	0.00	
1911	Jan	19	63	0.00	
1911	Jan	20	66	0.00	
1911	Jan	21	69	0.00	
1911	Jan	22	72	0.00	
1911	Jan	23	75	0.00	
1911	Jan	24	78	0.00	
1911	Jan	25	81	0.00	
1911	Jan	26	84	0.00	
1911	Jan	27	87	0.00	
1911	Jan	28	90	0.00	
1911	Jan	29	93	0.00	
1911	Jan	30	96	0.00	
1911	Jan	31	99	0.00	

APPENDIX II

DAILY RECORD OF 24 HOUR HAILS

Year	Month	Day	Hour	Amount	Remarks
1911	Jan	1	10	0.00	
1911	Jan	2	12	0.00	
1911	Jan	3	15	0.00	
1911	Jan	4	18	0.00	
1911	Jan	5	21	0.00	
1911	Jan	6	24	0.00	
1911	Jan	7	27	0.00	
1911	Jan	8	30	0.00	
1911	Jan	9	33	0.00	
1911	Jan	10	36	0.00	
1911	Jan	11	39	0.00	
1911	Jan	12	42	0.00	
1911	Jan	13	45	0.00	
1911	Jan	14	48	0.00	
1911	Jan	15	51	0.00	
1911	Jan	16	54	0.00	
1911	Jan	17	57	0.00	
1911	Jan	18	60	0.00	
1911	Jan	19	63	0.00	
1911	Jan	20	66	0.00	
1911	Jan	21	69	0.00	
1911	Jan	22	72	0.00	
1911	Jan	23	75	0.00	
1911	Jan	24	78	0.00	
1911	Jan	25	81	0.00	
1911	Jan	26	84	0.00	
1911	Jan	27	87	0.00	
1911	Jan	28	90	0.00	
1911	Jan	29	93	0.00	
1911	Jan	30	96	0.00	
1911	Jan	31	99	0.00	

Fishing Period: (July 01/02)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	56	19	GN AVE	33.89	0.16	0.00	0.00	11.21	1.74	0.37
			GN TOTAL	1898	9	0	0	628	97	21
			TOTAL ALL	1898	9	0	0	628	97	21

2) 4-12 Smith Is.	GN 207	42	GN AVE	106.31	0.52	0.02	0.62	1.90	1.00	0.16
			GN TOTAL	22006	108	4	128	393	207	33
			TOTAL ALL	22006	108	4	128	393	207	33

3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 30	7	GN AVE	28.00	3.75	0.00	9.75	2.25	1.25	0.00
			GN TOTAL	840	113	0	293	68	38	0
			TOTAL ALL	840	113	0	293	68	38	0

4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 52	9	GN AVE	14.83	0.85	0.13	10.00	1.21	0.15	0.15
			GN TOTAL	771	44	7	520	63	8	8
			TOTAL ALL	771	44	7	520	63	8	8

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 6	3	GN AVE	37.33	4.67	0.33	45.33	2.00	0.00	0.00
			GN TOTAL	224	28	2	272	12	0	0
			TOTAL ALL	224	28	2	272	12	0	0

TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	73.3	0.9	0.0	3.5	3.3	1.0	0.2
	GN 351	80	GN TOTAL	25739	302	13	1213	1164	350	62
TOTAL ALL GEAR	351	80	TOTAL ALL	25739	302	13	1213	1164	350	62

Fishing Period: (July 07/08)

	GEAR DPR	GEAR CHKD		SOCK	CDHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	139	34	GN AVE	213.78	0.16	0.24	0.14	2.24	0.62	0.32	
			GN TOTAL	29715	22	33	19	311	86	44	
			TOTAL ALL	29715	22	33	19	311	86	44	

2) 4-12 Smith Is.	GN	256	35	GN AVE	64.14	1.31	0.17	0.43	1.06	0.26	0.16
				GN TOTAL	16420	335	44	110	271	67	41
			TOTAL ALL	16420	335	44	110	271	67	41	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	94	38	GN AVE	125.55	3.03	3.29	3.55	1.28	0.43	0.08
				GN TOTAL	11802	285	309	334	120	40	8
			TOTAL ALL	11802	285	309	334	120	40	8	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	23	16	GN AVE	117.06	3.00	16.00	8.37	0.44	1.25	0.00
				GN TOTAL	2692	69	368	193	10	29	0
			TOTAL ALL	2692	69	368	193	10	29	0	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	21	8	GN AVE	153.13	5.63	6.38	5.88	1.00	0.25	0.05
				GN TOTAL	3216	118	134	123	21	5	1
			TOTAL ALL	3216	118	134	123	21	5	1	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	17		GN AVE	153.13	5.63	6.38	5.88	1.00	0.25	0.05
				GN TOTAL	2603	96	108	100	17	4	1
			TOTAL ALL	2603	96	108	100	17	4	1	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	120.8	1.7	1.8	1.6	1.4	0.4	0.2
	GN	550	131	GN TOTAL	66448	925	996	879	750	231	95
TOTAL ALL GEAR		550	131	TOTAL ALL	66448	925	996	879	750	231	95

Fishing Period: (July 09)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	98	29	GN AVE	65.91	0.10	0.34	0.03	4.79	0.45	0.24	
			GN TOTAL	6459	10	33	3	469	44	24	
			TOTAL ALL	6459	10	33	3	469	44	24	

2) 4-12 Smith Is.	GN	188	41	GN AVE	61.29	1.20	0.86	1.07	1.69	0.39	0.22
				GN TOTAL	11523	226	162	201	318	73	41
			TOTAL ALL	11523	226	162	201	318	73	41	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	113	28	GN AVE	73.50	1.32	2.14	2.64	0.54	0.82	0.11
				GN TOTAL	8306	149	242	298	61	93	12
			TOTAL ALL	8306	149	242	298	61	93	12	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	30	17	GN AVE	75.18	4.70	29.94	7.12	1.48	0.77	0.24
				GN TOTAL	2255	141	898	214	44	23	7
			TOTAL ALL	2255	141	898	214	44	23	7	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	21	4	GN AVE	113.09	9.70	5.79	4.02	2.57	0.04	0.04
				GN TOTAL	2375	204	122	84	54	1	1
			TOTAL ALL	2375	204	122	84	54	1	1	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	76	50	GN AVE	146.51	2.88	4.14	4.42	1.36	0.04	0.00
				GN TOTAL	11135	219	315	336	103	3	0
			TOTAL ALL	11135	219	315	336	103	3	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	79.9	1.8	3.4	2.2	2.0	0.5	0.2
	GN	526	169	GN TOTAL	42053	949	1772	1136	1049	237	85
TOTAL ALL GEAR		526	169	TOTAL ALL	42053	949	1772	1136	1049	237	85

Fishing Period: (July 10)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	95	41		GN AVE	67.02	0.12	0.44	0.00	5.45	1.34	0.24
				GN TOTAL	6367	11	42	0	518	127	23
				TOTAL ALL	6367	11	42	0	518	127	23

2) 4-12 Smith Is.	GN	182	36	GN AVE	52.64	0.88	0.46	0.80	1.62	0.09	0.12
				GN TOTAL	9580	160	84	146	295	16	22
				TOTAL ALL	9580	160	84	146	295	16	22

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	120	17	GN AVE	69.52	2.98	5.29	2.64	0.90	1.30	0.08
				GN TOTAL	8342	358	635	317	108	156	10
				TOTAL ALL	8342	358	635	317	108	156	10

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	25	12	GN AVE	56.06	1.58	34.11	6.19	0.86	0.68	0.08
				GN TOTAL	1402	40	853	155	22	17	2
				TOTAL ALL	1402	40	853	155	22	17	2

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	23	3	GN AVE	145.46	6.48	9.36	6.77	2.06	0.50	0.07
				GN TOTAL	3346	149	215	156	47	12	2
				TOTAL ALL	3346	149	215	156	47	12	2

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	75	25	GN AVE	149.02	2.42	5.31	6.24	0.48	0.48	0.09
				GN TOTAL	11177	182	398	468	36	36	7
				TOTAL ALL	11177	182	398	468	36	36	7

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
	GN	520	134	GN AVE	77.3	1.7	4.3	2.4	2.0	0.7	0.1
			GN TOTAL	40214	900	2227	1242	1026	364	66	
TOTAL ALL GEAR		520	134	TOTAL ALL	40214	900	2227	1242	1026	364	66

Fishing Period: (July 14/15)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	189	39	GN AVE	77.00	0.23	6.69	0.15	4.28	0.74	0.25
			GN TOTAL	14553	43	1264	28	809	140	47
			TOTAL ALL	14553	43	1264	28	809	140	47

2) 4-12 Smith Is.	GN	276	46	GN AVE	121.96	0.80	8.15	0.93	1.15	0.20 0.11
				GN TOTAL	33661	221	2249	257	317	55 30
			TOTAL ALL	33661	221	2249	257	317	55	30

3) 4-4,4-9 Chatham Sd.	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	99	43	GN AVE	94.21	1.10	14.28	2.11	0.13	0.24 0.07
				GN TOTAL	9327	109	1414	209	13	24 7
			TOTAL ALL	9327	109	1414	209	13	24	7

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	51	24	GN AVE	120.70	1.16	16.46	5.81	0.49	0.29 0.09
				GN TOTAL	6156	59	839	296	25	15 5
			TOTAL ALL	6156	59	839	296	25	15	5

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	22	8	GN AVE	73.13	8.25	35.38	9.00	0.25	0.00 0.00
				GN TOTAL	1609	182	778	198	6	0 0
			TOTAL ALL	1609	182	778	198	6	0	0

6) 4-2,4-3 Outside Stephens	SN			SN AVE						
				SN TOTAL	0	0	0	0	0	0
	GN	116		GN AVE	111.69	12.32	37.19	21.39	0.89	0.06 0.06
				GN TOTAL	12956	1429	4314	2481	103	7 7
			TOTAL ALL	12956	1429	4314	2481	103	7	7

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0
				GN AVE	103.9	2.7	14.4	4.6	1.7	0.3 0.1
	GN	753	160	GN TOTAL	78262	2043	10858	3469	1273	241 96
			TOTAL ALL GEAR	78262	2043	10858	3469	1273	241	96

Fishing Period: (July 16)

	GEAR		GN	AVE	SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	DPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	169	28	GN AVE	123.18	0.45	19.29	0.25	6.92	1.60	0.18	
			GN TOTAL	20817	76	3260	42	1169	270	30	
			TOTAL ALL	20817	76	3260	42	1169	270	30	
2) 4-12 Smith Is.	GN 266	47	GN AVE	79.19	1.38	15.19	1.49	1.09	0.34	0.08	
			GN TOTAL	21065	367	4041	396	290	90	21	
			TOTAL ALL	21065	367	4041	396	290	90	21	
3) 4-4,4-9 Chatham Sd.	SN		SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN 150	50	GN AVE	90.28	0.72	23.91	1.66	0.20	0.74	0.08	
			GN TOTAL	13542	108	3587	249	30	111	12	
			TOTAL ALL	13542	108	3587	249	30	111	12	
4) 4-5,4-8,4-14 North Boundary	SN		SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN 61	24	GN AVE	96.05	4.39	16.26	4.15	0.42	0.30	0.23	
			GN TOTAL	5859	268	992	253	26	18	14	
			TOTAL ALL	5859	268	992	253	26	18	14	
5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN 22	9	GN AVE	62.22	15.00	34.89	12.56	0.38	0.15	0.10	
			GN TOTAL	1369	330	768	276	8	3	2	
			TOTAL ALL	1369	330	768	276	8	3	2	
6) 4-2,4-3 Outside Stephens	SN		SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	
	GN 79	51	GN AVE	83.25	9.51	23.78	20.20	0.41	0.15	0.10	
			GN TOTAL	6577	751	1879	1596	32	12	8	
			TOTAL ALL	6577	751	1879	1596	32	12	8	
TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0	
			GN AVE	92.7	2.5	19.4	3.8	2.1	0.7	0.1	
	GN 747	209	GN TOTAL	69229	1900	14527	2812	1555	504	87	
TOTAL ALL GEAR	747	209	TOTAL ALL	69229	1900	14527	2812	1555	504	87	

Fishing Period: (July 17)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		183	37	GN AVE	80.47	0.23	31.12	0.21	6.39	1.51	0.23
				GN TOTAL	14726	42	5695	38	1169	276	42
				TOTAL ALL	14726	42	5695	38	1169	276	42
2) 4-12 Smith Is.		GN 276	40	GN AVE	66.15	1.21	11.75	0.50	0.45	0.13	0.09
				GN TOTAL	18257	334	3243	138	124	36	25
				TOTAL ALL	18257	334	3243	138	124	36	25
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 160	30	GN AVE	51.81	2.82	22.28	3.52	0.19	0.06	0.02
				GN TOTAL	8290	451	3565	563	30	10	3
				TOTAL ALL	8290	451	3565	563	30	10	3
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 61	23	GN AVE	72.91	4.34	21.21	5.08	0.93	0.31	0.02
				GN TOTAL	4448	265	1294	310	57	19	1
				TOTAL ALL	4448	265	1294	310	57	19	1
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 28	8	GN AVE	152.80	15.40	54.40	16.60	0.00	0.05	0.02
				GN TOTAL	4278	431	1523	465	0	1	1
				TOTAL ALL	4278	431	1523	465	0	1	1
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 66	34	GN AVE	85.20	12.33	28.42	23.37	0.41	0.03	0.02
				GN TOTAL	5623	814	1876	1542	27	2	1
				TOTAL ALL	5623	814	1876	1542	27	2	1
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	71.9	3.0	22.2	3.9	1.8	0.4	0.1
		GN 774	172	GN TOTAL	55622	2337	17196	3056	1407	344	73
TOTAL ALL GEAR		774	172	TOTAL ALL	55622	2337	17196	3056	1407	344	73

Fishing Period: (July 20/21)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	275	45	GN AVE	176.82	0.23	65.36	0.37	1.68	0.62	0.41
			GN TOTAL	48626	63	17974	102	462	171	113
			TOTAL ALL	48626	63	17974	102	462	171	113

2) 4-12 Smith Is.	GN 225	37	GN AVE	111.96	1.16	48.67	0.29	0.52	0.13	0.16
			GN TOTAL	25191	261	10951	65	117	29	36
			TOTAL ALL	25191	261	10951	65	117	29	36

3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 133	34	GN AVE	125.15	12.74	119.24	6.08	0.74	0.57	0.07
			GN TOTAL	16645	1694	15859	809	98	76	9
			TOTAL ALL	16645	1694	15859	809	98	76	9

4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 73	39	GN AVE	295.60	4.12	59.55	4.32	0.94	0.12	0.14
			GN TOTAL	21579	301	4347	315	69	9	10
			TOTAL ALL	21579	301	4347	315	69	9	10

5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 27	10	GN AVE	137.48	10.32	78.12	26.52	0.44	0.03	0.07
			GN TOTAL	3712	279	2109	716	12	1	2
			TOTAL ALL	3712	279	2109	716	12	1	2

6) 4-2,4-3 Outside Stephens	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 29	16	GN AVE	132.56	10.31	57.00	28.69	0.44	0.03	0.07
			GN TOTAL	3844	299	1653	832	13	1	2
			TOTAL ALL	3844	299	1653	832	13	1	2

TOTAL ALL	SN 0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	157.0	3.8	69.4	3.7	1.0	0.4	0.2
	GN 762	181	GN TOTAL	119597	2897	52893	2839	771	287	172
TOTAL ALL GEAR	762	181	TOTAL ALL	119597	2897	52893	2839	771	287	172

Fishing Period: (July 22)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-156N River/Gap/Slough	250	46	GN AVE	79.77	0.12	59.73	0.16	0.65	0.29	0.10	
			GN TOTAL	19943	30	14933	40	163	73	25	
			TOTAL ALL	19943	30	14933	40	163	73	25	

2) 4-12 Smith Is.	GN	238	36	GN AVE	35.47	1.11	31.50	0.33	0.53	0.03	0.08
				GN TOTAL	8442	264	7497	79	126	7	19
			TOTAL ALL	8442	264	7497	79	126	7	19	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	145	29	GN AVE	45.70	7.57	56.44	3.73	0.48	0.21	0.03
				GN TOTAL	6627	1098	8184	541	70	30	4
			TOTAL ALL	6627	1098	8184	541	70	30	4	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	90	26	GN AVE	127.45	4.21	73.84	3.83	0.46	0.11	0.04
				GN TOTAL	11471	379	6646	345	41	10	4
			TOTAL ALL	11471	379	6646	345	41	10	4	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	27	15	GN AVE	83.73	3.73	94.80	14.13	0.67	0.13	0.08
				GN TOTAL	2261	101	2560	382	18	4	2
			TOTAL ALL	2261	101	2560	382	18	4	2	

6) 4-2,4-3 Outside Stephens	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	37	9	GN AVE	57.78	7.56	33.89	32.22	0.31	0.13	0.08
				GN TOTAL	2138	280	1254	1192	11	5	3
			TOTAL ALL	2138	280	1254	1192	11	5	3	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	64.7	2.7	52.2	3.3	0.5	0.2	0.1
	GN	787	161	GN TOTAL	50882	2152	41074	2579	429	129	57
TOTAL ALL GEAR		787	161	TOTAL ALL	50882	2152	41074	2579	429	129	57

Fishing Period: (July 23)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	239	39	GN AVE	125.99	0.78	133.02	0.35	1.52	0.64	0.29	
			GN TOTAL	30112	186	31792	84	363	153	69	
			TOTAL ALL	30112	186	31792	84	363	153	69	

2) 4-12 Smith Is.	GN	209	29	GN AVE	54.03	1.76	85.93	0.45	0.83	0.10	0.31
				GN TOTAL	11292	368	17959	94	173	21	65
			TOTAL ALL	11292	368	17959	94	173	21	65	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	132	17	GN AVE	73.30	10.14	58.71	7.03	0.47	0.19	0.15
				GN TOTAL	9676	1338	7750	928	62	25	20
			TOTAL ALL	9676	1338	7750	928	62	25	20	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	90	33	GN AVE	106.33	3.07	49.19	2.65	0.60	0.05	0.16
				GN TOTAL	9570	276	4427	239	54	5	14
			TOTAL ALL	9570	276	4427	239	54	5	14	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	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	37	14	GN AVE	52.86	17.36	50.43	46.43	0.21	0.00	0.00
				GN TOTAL	1956	642	1866	1718	8	0	0
			TOTAL ALL	1956	642	1866	1718	8	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	88.6	4.0	90.2	4.3	0.9	0.3	0.2
	GN	707	132	GN TOTAL	62606	2810	63794	3063	660	204	168
TOTAL ALL GEAR		707	132	TOTAL ALL	62606	2810	63794	3063	660	204	168

Fishing Period: (July 24)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-15GN River/Gap/Slough	199	20	GN AVE	63.37	1.10	182.05	0.47	1.52	0.51	0.22	
			GN TOTAL	12611	219	36228	94	302	101	44	
			TOTAL ALL	12611	219	36228	94	302	101	44	

2) 4-12 Smith Is.	GN	157	13	GN AVE	57.15	2.38	94.23	0.85	0.54	0.46	0.38
				GN TOTAL	8973	374	14794	133	85	72	60
			TOTAL ALL	8973	374	14794	133	85	72	60	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	112	16	GN AVE	90.00	10.81	51.69	1.50	0.38	0.50	0.00
				GN TOTAL	10080	1211	5789	168	43	56	0
			TOTAL ALL	10080	1211	5789	168	43	56	0	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	75	32	GN AVE	120.31	1.84	26.13	1.44	0.25	0.09	0.19
				GN TOTAL	9023	138	1960	108	19	7	14
			TOTAL ALL	9023	138	1960	108	19	7	14	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	
	GN	0	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	29	9	GN AVE	80.74	26.05	74.53	50.34	0.69	0.18	0.52
				GN TOTAL	2341	755	2161	1460	20	5	15
			TOTAL ALL	2341	755	2161	1460	20	5	15	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	
				GN AVE	75.2	4.7	106.5	3.4	0.8	0.4	0.2
	GN	572	90	GN TOTAL	43028	2697	60932	1963	469	241	133
TOTAL ALL GEAR		572	90	TOTAL ALL	43028	2697	60932	1963	469	241	133

Fishing Period: (July 27/28)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		205	32	GN AVE	235.95	1.85	120.79	1.43	1.75	0.17	0.52
				GN TOTAL	48370	379	24762	293	359	35	107
				TOTAL ALL	48370	379	24762	293	359	35	107
2) 4-12 Smith Is.		GN 114	32	GN AVE	110.78	3.43	200.14	1.98	0.65	0.14	0.64
				GN TOTAL	12629	391	22816	226	74	16	73
				TOTAL ALL	12629	391	22816	226	74	16	73
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 101	34	GN AVE	51.37	10.36	119.78	1.92	0.33	0.11	0.26
				GN TOTAL	5188	1046	12098	194	33	11	26
				TOTAL ALL	5188	1046	12098	194	33	11	26
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 155	53	GN AVE	101.19	3.30	188.34	3.22	1.06	0.03	0.68
				GN TOTAL	15684	512	29193	499	164	5	105
				TOTAL ALL	15684	512	29193	499	164	5	105
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 3	0	GN AVE	52.10	19.47	96.75	1.23	0.48	0.25	0.15
				GN TOTAL	156	58	290	4	1	1	0
				TOTAL ALL	156	58	290	4	1	1	0
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 9	4	GN AVE	52.10	19.47	96.75	1.23	0.48	0.25	0.15
				GN TOTAL	469	175	871	11	4	2	1
				TOTAL ALL	469	175	871	11	4	2	1
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	140.5	4.4	153.4	2.1	1.1	0.1	0.5
		GN 587	155	GN TOTAL	82496	2561	90030	1227	635	70	312
TOTAL ALL GEAR		587	155	TOTAL ALL	82496	2561	90030	1227	635	70	312

Fishing Period: (July 29)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
		----	----		----	----	----	----	----	----	----	----
1) 4-12part,4-15GN River/Gap/Slough		145	33	GN AVE	139.73	2.20	283.25	0.84	1.94	0.48	0.63	
				GN TOTAL	20261	319	41071	122	281	70	91	
				TOTAL ALL	20261	319	41071	122	281	70	91	

2) 4-12 Smith Is.	GN	200	24	GN AVE	79.75	3.21	265.08	1.75	0.79	0.24	0.58	
				GN TOTAL	15950	642	53016	350	158	48	116	
				TOTAL ALL	15950	642	53016	350	158	48	116	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	98	27	GN AVE	59.07	24.36	260.32	1.70	0.44	0.65	0.35	
				GN TOTAL	5789	2387	25511	167	43	64	34	
				TOTAL ALL	5789	2387	25511	167	43	64	34	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	98	39	GN AVE	97.02	2.78	96.61	4.83	0.31	0.08	0.52	
				GN TOTAL	9508	272	9468	473	30	8	51	
				TOTAL ALL	9508	272	9468	473	30	8	51	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	6	5	GN AVE	101.70	12.13	100.75	18.17	0.44	0.65	0.35	
				GN TOTAL	610	73	605	109	3	4	2	
				TOTAL ALL	610	73	605	109	3	4	2	

6) 4-2,4-3 Outside Stephens	SN			SN AVE								
				SN TOTAL	0	0	0	0	0	0	0	
	GN	8	7	GN AVE	69.76	29.96	361.11	61.63	0.44	0.65	0.71	
				GN TOTAL	558	240	2889	493	4	5	6	
				TOTAL ALL	558	240	2889	493	4	5	6	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0	
				GN AVE	94.9	7.1	238.8	3.1	0.9	0.4	0.5	
	GN	555	135	GN TOTAL	52676	3933	132560	1714	519	199	300	
TOTAL ALL GEAR		555	135	TOTAL ALL	52676	3933	132560	1714	519	199	300	

Fishing Period: (July 30)

		GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		130	32	GN AVE	117.61	4.85	385.00	1.53	1.06	0.38	0.15
				GN TOTAL	15289	631	50050	199	138	49	20
				TOTAL ALL	15289	631	50050	199	138	49	20
2) 4-12 Smith Is.		GN 180	20	GN AVE	89.82	6.04	410.90	1.42	1.19	0.06	0.48
				GN TOTAL	16168	1087	73962	256	214	11	86
				TOTAL ALL	16168	1087	73962	256	214	11	86
3) 4-4,4-9 Chatham Sd.		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 96	20	GN AVE	110.27	12.85	268.34	5.81	0.73	0.65	0.27
				GN TOTAL	10586	1234	25761	558	70	62	26
				TOTAL ALL	10586	1234	25761	558	70	62	26
4) 4-5,4-8,4-14 North Boundary		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 98	35	GN AVE	123.34	3.06	111.85	1.79	0.23	0.06	0.27
				GN TOTAL	12087	300	10961	175	23	6	26
				TOTAL ALL	12087	300	10961	175	23	6	26
5) 4-1,4-13 Hudson Bay Pass		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 6	0	GN AVE	62.50	25.00	232.08	11.42	1.83	1.92	0.17
				GN TOTAL	375	150	1392	69	11	12	1
				TOTAL ALL	375	150	1392	69	11	12	1
6) 4-2,4-3 Outside Stephens		SN		SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 8	0	GN AVE	62.50	25.00	232.08	11.42	1.83	1.92	0.17
				GN TOTAL	500	200	1857	91	15	15	1
				TOTAL ALL	500	200	1857	91	15	15	1
TOTAL ALL		SN 0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	106.2	7.0	316.6	2.6	0.9	0.3	0.3
		GN 518	107	GN TOTAL	55005	3602	163983	1348	471	155	160
TOTAL ALL GEAR		518	107	TOTAL ALL	55005	3602	163983	1348	471	155	160

Fishing Period: (July 31)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-156N River/6ap/Slough	165	39	GN AVE	91.32	3.17	565.84	1.09	1.11	0.27	0.47
			GN TOTAL	15068	523	93364	180	183	45	78
			TOTAL ALL	15068	523	93364	180	183	45	78

2) 4-12 Smith Is.	GN 145	10	GN AVE	41.36	4.47	310.11	2.01	1.22	0.27	0.87
			GN TOTAL	5997	648	44966	291	177	39	126
			TOTAL ALL	5997	648	44966	291	177	39	126

3) 4-4,4-9 Chatham Sd.	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 65	11	GN AVE	98.36	12.36	202.46	6.55	1.46	0.55	0.09
			GN TOTAL	6393	803	13160	426	95	36	6
			TOTAL ALL	6393	803	13160	426	95	36	6

4) 4-5,4-8,4-14 North Boundary	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 85	34	GN AVE	130.01	3.51	123.24	3.24	0.29	0.00	0.66
			GN TOTAL	11051	298	10475	275	25	0	56
			TOTAL ALL	11051	298	10475	275	25	0	56

5) 4-1,4-13 Hudson Bay Pass	SN		SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 0	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 0	0	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	83.7	4.9	352.1	2.5	1.0	0.3	0.6
	GN 460	94	GN TOTAL	38509	2272	161965	1172	480	120	266
TOTAL ALL GEAR	460	94	TOTAL ALL	38509	2272	161965	1172	480	120	266

Fishing Period: (August 03/04)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	161	48	GN AVE	212.82	4.07	715.49	1.27	0.81	0.27	0.70	
			GN TOTAL	34264	655	115194	204	130	43	113	
			TOTAL ALL	34264	655	115194	204	130	43	113	

2) 4-12 Smith Is.	6N	48	19	GN AVE	96.15	3.32	212.78	3.65	0.38	0.20	0.49
			GN TOTAL	4615	159	10213	175	18	10	24	
			TOTAL ALL	4615	159	10213	175	18	10	24	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	0
	6N	35	15	GN AVE	61.24	11.55	189.92	4.60	0.62	0.57	0.51
			GN TOTAL	2143	404	6647	161	22	20	18	
			TOTAL ALL	2143	404	6647	161	22	20	18	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	0
	6N	57	19	GN AVE	41.83	2.52	52.78	2.85	0.05	0.05	0.52
			GN TOTAL	2384	144	3008	162	3	3	30	
			TOTAL ALL	2384	144	3008	162	3	3	30	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
			SN TOTAL	0	0	0	0	0	0	0	0
	6N	0	0	GN AVE							
			GN TOTAL	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	0
	6N	3	3	GN AVE	26.00	19.33	160.00	18.00	1.00	0.00	0.00
			GN TOTAL	78	58	480	54	3	0	0	
			TOTAL ALL	78	58	480	54	3	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
			GN AVE	143.0	4.7	445.9	2.5	0.6	0.3	0.6	
	6N	304	104	GN TOTAL	43484	1420	135542	756	176	76	185
TOTAL ALL GEAR		304	104	TOTAL ALL	43484	1420	135542	756	176	76	185

Fishing Period: (August 05)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD	
1) 4-12part,4-156N River/Gap/Slough	150	37	GN AVE	151.76	5.03	821.41	1.25	1.15	0.09	1.02	
			GN TOTAL	22764	755	123212	188	173	14	153	
			TOTAL ALL	22764	755	123212	188	173	14	153	

2) 4-12 Smith Is.	GN	30	16	GN AVE	99.73	5.61	186.56	3.16	0.59	0.00	1.89
				GN TOTAL	2992	168	5597	95	18	0	57
			TOTAL ALL	2992	168	5597	95	18	0	57	

3) 4-4,4-9 Chatham Sd.	SN	4	4	SN AVE	120	45	3939	5	4	0	0
				SN TOTAL	480	181	15755	21	15	0	0
	GN	20	12	GN AVE	79.76	16.40	261.22	7.87	0.24	0.84	0.78
				GN TOTAL	1595	328	5224	157	5	17	16
			TOTAL ALL	2075	509	20979	178	20	17	16	

4) 4-5,4-8,4-14 North Boundary	SN	1	1	SN AVE	250	0	3650	0	0	0	0
				SN TOTAL	250	0	3650	0	0	0	0
	GN	45	13	GN AVE	58.83	7.11	74.98	5.00	0.00	0.00	0.66
				GN TOTAL	2647	320	3374	225	0	0	30
			TOTAL ALL	2897	320	7024	225	0	0	30	

5) 4-1,4-13 Hudson Bay Pass	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0	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	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	3	3	GN AVE	16.67	8.00	60.00	10.33	0.00	0.00	0.00
				GN TOTAL	50	24	180	31	0	0	0
			TOTAL ALL	50	24	180	31	0	0	0	

TOTAL ALL	SN	5	5	SN TOTAL	730	181	19405	21	15	0	0
				GN AVE	121.2	6.4	554.8	2.8	0.8	0.1	1.0
	GN	248	81	GN TOTAL	30048	1595	137587	696	196	31	256
TOTAL ALL GEAR		253	86	TOTAL ALL	30778	1776	156992	717	211	31	256

Fishing Period: (August 06)

	GEAR OPR	GEAR CHKD		SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough	125	33	GN AVE	62.19	4.79	665.18	1.42	0.85	0.25	0.98
			GN TOTAL	7774	599	83148	178	106	31	123
			TOTAL ALL	7774	599	83148	178	106	31	123
2) 4-12 Smith Is.	GN 35	20	GN AVE	93.55	4.98	212.48	1.56	0.35	0.06	1.46
			GN TOTAL	3274	174	7437	55	12	2	51
			TOTAL ALL	3274	174	7437	55	12	2	51
3) 4-4,4-9 Chatham Sd.	SN 4	4	SN AVE	100	50	7900	0	0	0	0
			SN TOTAL	400	200	31600	0	0	0	0
	GN 20	11	GN AVE	92.08	12.75	204.92	8.33	0.25	0.58	0.25
			GN TOTAL	1842	255	4098	167	5	12	5
			TOTAL ALL	2242	455	35698	167	5	12	5
4) 4-5,4-8,4-14 North Boundary	SN 6	6	SN AVE	188	1	1863	0	0	0	0
			SN TOTAL	1130	4	11180	2	0	0	0
	GN 30	12	GN AVE	106.67	2.33	79.58	1.92	0.08	0.00	0.59
			GN TOTAL	3200	70	2387	58	2	0	18
			TOTAL ALL	4330	74	13567	60	2	0	18
5) 4-1,4-13 Hudson Bay Pass	SN 0	0	SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 0	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 0	0	SN AVE							
			SN TOTAL	0	0	0	0	0	0	0
	GN 0	0	GN AVE							
			GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0
TOTAL ALL	SN 10	10	SN TOTAL	1530	204	42780	2	0	0	0
			GN AVE	76.6	5.2	462.2	2.2	0.6	0.2	0.9
	GN 210	76	GN TOTAL	16090	1098	97070	458	125	45	197
TOTAL ALL GEAR	220	86	TOTAL ALL	17620	1302	139850	460	125	45	197

Special Seine Fishery

Fishing Period: (0600h August 08 to 2000h August 08)

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

2) 4-12 Smith Is.	SN	46	18	SN AVE	235.83	0.00	5800.00	0.00	0.21	0.00	0.00
				SN TOTAL	10848	0	266800	0	10	0	0
				TOTAL ALL	10848	0	266800	0	10	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	235.8	0.0	5800.0	0.0	0.2	0.0	0.0
	SN	46	18	SN TOTAL	10848	0	266800	0	10	0	0
TOTAL ALL GEAR		46	18	TOTAL ALL	10848	0	266800	0	10	0	0

Special Seine Fishery

Fishing Period: (0800h August 09 to 1600h August 09)

	GEAR OPR	GEAR CHKD		SOCK	COHD	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	26	19	SN AVE SN TOTAL	186.58 4851	0.00 0	5665.79 147311	0.00 0	0.20 5	0.00 0
			TOTAL ALL	4851	0	147311	0	5	0	0
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
	SN	26	19	SN AVE SN TOTAL	186.6 4851	0.0 0	5665.8 147311	0.0 0	0.2 5	0.0 0
TOTAL ALL GEAR		26	19	TOTAL ALL	4851	0	147311	0	5	0

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		106	31	GN AVE	77.06	6.10	378.26	0.68	0.23	0.10	0.61
				GN TOTAL	8168	647	40096	72	24	11	65
				TOTAL ALL	8168	647	40096	72	24	11	65
2) 4-12 Smith Is.		GN 55	31	GN AVE	129.14	8.23	379.45	2.35	0.41	0.03	2.56
				GN TOTAL	7103	453	20870	129	23	2	141
				TOTAL ALL	7103	453	20870	129	23	2	141
3) 4-4,4-9 Chatham Sd.		SN 10	6	SN AVE	373	3	5664	5	1	0	0
				SN TOTAL	3730	30	56640	50	10	0	0
		GN 26	8	GN AVE	120.91	5.80	172.05	2.16	0.36	0.18	1.55
				GN TOTAL	3144	151	4473	56	9	5	40
				TOTAL ALL	6874	181	61113	106	19	5	40
4) 4-5,4-8,4-14 North Boundary		SN 3	3	SN AVE	350	3	5067	50	1	0	0
				SN TOTAL	1049	9	15200	150	3	0	0
		GN 36	17	GN AVE	116.94	6.11	107.94	3.17	0.12	0.00	1.12
				GN TOTAL	4210	220	3886	114	4	0	40
				TOTAL ALL	5259	229	19086	264	7	0	40
5) 4-1,4-13 Hudson Bay Pass		SN 0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 0	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 0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
		GN 3	1	GN AVE	137.91	15.55	419.55	20.91	0.36	0.18	0.55
				GN TOTAL	414	47	1259	63	1	1	2
				TOTAL ALL	414	47	1259	63	1	1	2
TOTAL ALL		SN 13	9	SN TOTAL	4779	39	71840	200	13	0	0
				GN AVE	101.9	6.7	312.3	1.9	0.3	0.1	1.3
		GN 226	88	GN TOTAL	23039	1518	70584	434	61	19	288
TOTAL ALL GEAR		239	97	TOTAL ALL	27818	1557	142424	634	74	19	288

Fishing Period: (August 13)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	OPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	94	43	GN AVE	60.60	7.40	491.63	3.49	0.56	0.16	0.74	
			GN TOTAL	5696	696	46213	328	53	15	70	
			TOTAL ALL	5696	696	46213	328	53	15	70	
2) 4-12 Smith Is.	GN	74	18	GN AVE	72.92	10.96	310.75	6.63	0.08	0.00	1.66
				GN TOTAL	5396	811	22996	491	6	0	123
				TOTAL ALL	5396	811	22996	491	6	0	123
3) 4-4,4-9 Chatham Sd.	SN	10	9	SN AVE	121	11	2300	10	3	0	0
				SN TOTAL	1210	110	23000	100	25	0	0
	GN	15	8	GN AVE	89.00	12.20	212.70	3.80	0.30	0.00	0.80
				GN TOTAL	1335	183	3191	57	5	0	12
			TOTAL ALL	2545	293	26191	157	30	0	12	
4) 4-5,4-8,4-14 North Boundary	SN	5	4	SN AVE	242	2	7180	4	0	0	0
				SN TOTAL	1212	10	35900	20	0	0	0
	GN	43	13	GN AVE	134.77	10.72	150.85	9.77	0.00	0.00	0.31
				GN TOTAL	5795	461	6487	420	0	0	13
			TOTAL ALL	7007	471	42387	440	0	0	13	
5) 4-1,4-13 Hudson Bay Pass	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0	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	0	0	SM AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0	0	GN AVE							
				GN TOTAL	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	
TOTAL ALL	SN	15	13	SN TOTAL	2422	120	58900	120	25	0	0
	GN	226	82	GN AVE	80.6	9.5	349.1	5.7	0.3	0.1	1.0
			GN TOTAL	18222	2151	78887	1296	64	15	218	
TOTAL ALL GEAR	241	95	TOTAL ALL	20644	2271	137787	1416	89	15	218	

Special Seine Fishery

Fishing Period: (August 14/15)

	GEAR OPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
1) 4-12part,4-15SN River/6ap/Slough	0	0	SN AVE								
			SN TOTAL	0	0	0	0	0	0	0	0
			TOTAL ALL	0	0	0	0	0	0	0	0

2) 4-12 Smith Is.	SN	60	29	SN AVE	331.72	0.00	3845.31	0.00	0.34	0.00	0.00
				SN TOTAL	19903	0	230719	0	20	0	0
			TOTAL ALL	19903	0	230719	0	20	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	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
				SN AVE	331.7	0.0	3845.3	0.0	0.3	0.0	0.0
	SN	60	29	SN TOTAL	19903	0	230719	0	20	0	0
TOTAL ALL GEAR		60	29	TOTAL ALL	19903	0	230719	0	20	0	0

Fishing Period: (August 18/19)

	GEAR			SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD	
	OPR	CHKD									
1) 4-12part,4-156N River/Gap/Slough	77	36	GN AVE	77.52	5.91	288.83	1.31	0.14	0.00	1.36	
			GN TOTAL	5969	455	22240	101	11	0	105	
			TOTAL ALL	5969	455	22240	101	11	0	105	

2) 4-12 Smith Is.	GN	34	15	GN AVE	69.23	5.25	119.16	2.19	0.08	0.00	0.79
				GN TOTAL	2354	179	4051	74	3	0	27
			TOTAL ALL	2354	179	4051	74	3	0	27	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	19	10	GN AVE	51.21	11.33	141.97	5.00	1.19	0.33	0.31
				GN TOTAL	973	215	2697	95	23	6	6
			TOTAL ALL	973	215	2697	95	23	6	6	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	35	9	GN AVE	27.05	22.65	211.30	10.50	1.06	0.57	0.80
				GN TOTAL	947	793	7396	368	37	20	28
			TOTAL ALL	947	793	7396	368	37	20	28	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	0	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	3	0	GN AVE	30.29	6.00	75.14	0.00	0.86	0.00	0.14
				GN TOTAL	91	18	225	0	3	0	0
			TOTAL ALL	91	18	225	0	3	0	0	

TOTAL ALL	SN	0	0	SN TOTAL	0	0	0	0	0	0	0
				GN AVE	61.5	9.9	217.9	3.8	0.5	0.2	1.0
	GN	168	70	GN TOTAL	10334	1660	36609	638	77	26	166
TOTAL ALL GEAR		168	70	TOTAL ALL	10334	1660	36609	638	77	26	166

Fishing Period: (August 20)

	GEAR				SOCK	COHO	PINK	CHUM	CHIN	J. CH	STHD
	DPR	CHKD									
1) 4-12part,4-15GN River/Gap/Slough	60	33		GN AVE	53.99	4.64	169.38	2.16	0.00	0.00	1.47
				GN TOTAL	3239	278	10163	130	0	0	88
				TOTAL ALL	3239	278	10163	130	0	0	88

2) 4-12 Smith Is.	GN	30	17	GN AVE	44.13	5.16	80.12	3.66	0.23	0.00	0.33
				GN TOTAL	1324	155	2404	110	7	0	10
				TOTAL ALL	1324	155	2404	110	7	0	10

3) 4-4,4-9 Chatham Sd.	SN	3	3	SN AVE	72	78	4278	9	1	0	0
				SN TOTAL	216	234	12834	27	3	0	0
	GN	12	10	GN AVE	40.24	22.78	103.42	7.99	0.41	0.00	0.00
				GN TOTAL	483	273	1241	96	5	0	0
				TOTAL ALL	699	507	14075	123	8	0	0

4) 4-5,4-8,4-14 North Boundary	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	30	7	GN AVE	49.30	26.71	198.57	5.28	0.43	0.00	0.43
				GN TOTAL	1479	801	5957	158	13	0	13
				TOTAL ALL	1479	801	5957	158	13	0	13

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

() 4-2,4-3 Outside Stephens	SN	0	0	SN AVE							
				SN TOTAL	0	0	0	0	0	0	0
	GN	3	1	GN AVE	97.71	49.00	241.00	20.00	0.14	2.00	0.86
				GN TOTAL	293	147	723	60	0	6	3
				TOTAL ALL	293	147	723	60	0	6	3

TOTAL ALL	SN	3	3	SN TOTAL	216	234	12834	27	3	0	0
				GN AVE	50.5	12.3	151.8	4.1	0.2	0.0	0.8
	GN	135	68	GN TOTAL	6818	1654	20488	554	25	6	114
TOTAL ALL GEAR		138	71	TOTAL ALL	7034	1888	33322	581	28	6	114

Fishing Period: (August 21)

	GEAR		GN	CH	STHD	SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD											
1) 4-12part,4-15GN River/Gap/Slough	50	24	GN AVE			77.04	10.19	301.12	3.90	0.07	0.00	2.10	
			GN TOTAL			3852	510	15056	195	4	0	105	
			TOTAL ALL			3852	510	15056	195	4	0	105	

2) 4-12 Smith Is.	GN	25	10	GN AVE		36.36	5.08	58.21	5.67	0.00	0.00	0.14	
			GN TOTAL			909	127	1455	142	0	0	4	
			TOTAL ALL			909	127	1455	142	0	0	4	

3) 4-4,4-9 Chatham Sd.	SN			SN AVE									
				SN TOTAL		0	0	0	0	0	0	0	
	GN	15	7	GN AVE		26.33	20.47	52.53	7.25	0.72	0.00	0.75	
			GN TOTAL			395	307	788	109	11	0	11	
			TOTAL ALL			395	307	788	109	11	0	11	

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE									
				SN TOTAL		0	0	0	0	0	0	0	
	GN	25	4	GN AVE		7.00	19.00	44.25	2.17	1.75	0.50	1.25	
			GN TOTAL			175	475	1106	54	44	13	31	
			TOTAL ALL			175	475	1106	54	44	13	31	

5) 4-1,4-13 Hudson Bay Pass	SN			SN AVE									
				SN TOTAL		0	0	0	0	0	0	0	
	GN	0	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	3	1	GN AVE		28.00	31.25	56.75	7.25	0.50	0.00	0.75	
			GN TOTAL			84	94	170	22	2	0	2	
			TOTAL ALL			84	94	170	22	2	0	2	

TOTAL ALL	SN	0	0	SN TOTAL		0	0	0	0	0	0	0	
				GN AVE		45.9	12.8	157.4	4.4	0.5	0.1	1.3	
	GN	118	46	GN TOTAL		5415	1513	18575	522	61	13	153	

Fishing Period: (August 25/26)

		GEAR DPR	GEAR CHKD		SOCK	COHD	PINK	CHUM	CHIN	J. CH	STHD
1) 4-12part,4-15GN River/Gap/Slough		28	25	GN AVE	27.24	10.24	118.56	3.40	0.00	0.00	1.88
				GN TOTAL	763	287	3320	95	0	0	53
				TOTAL ALL	763	287	3320	95	0	0	53
2) 4-12 Smith Is.		GN	25	10	GN AVE	21.80	11.30	54.60	2.00	0.00	1.10
					GN TOTAL	545	283	1365	50	0	28
					TOTAL ALL	545	283	1365	50	0	28
3) 4-4,4-9 Chatham Sd.		SN			SN AVE						
					SN TOTAL	0	0	0	0	0	0
		GN	14	10	GN AVE	6.00	8.50	27.40	6.50	0.20	0.40
					GN TOTAL	84	119	384	91	3	6
					TOTAL ALL	84	119	384	91	3	6
4) 4-5,4-8,4-14 North Boundary		SN			SN AVE						
					SN TOTAL	0	0	0	0	0	0
		GN	4	4	GN AVE	6.50	14.75	50.00	4.75	0.00	0.00
					GN TOTAL	26	59	200	19	0	0
					TOTAL ALL	26	59	200	19	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	0
				GN AVE	20.0	10.5	74.2	3.6	0.0	0.0	1.2
	GN	71	49	GN TOTAL	1418	748	5269	255	3	1	87
TOTAL ALL GEAR		71	49	TOTAL ALL	1418	748	5269	255	3	1	87

Fishing Period: (August 27)

	GEAR				SOCK	COHD	PINK	CHUM	CHIN	J.	CH	STHD
	OPR	CHKD										
1) 4-12part,4-15GN River/Gap/Slough	19	12	GN AVE	23.16	11.89	240.42	2.32	0.00	0.00	1.74		
			GN TOTAL	440	226	4568	44	0	0	33		
			TOTAL ALL	440	226	4568	44	0	0	33		

2) 4-12 Smith Is.	GN	16	6	GN AVE	31.63	10.25	52.00	3.13	1.00	0.00	2.50	
			GN TOTAL	506	164	832	50	16	0	40		
			TOTAL ALL	506	164	832	50	16	0	40		

3) 4-4,4-9 Chatham Sd.	SN			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0		
	GN	7	3	GN AVE	10.57	17.43	40.29	7.86	0.14	0.00	0.43	
			GN TOTAL	74	122	282	55	1	0	3		
			TOTAL ALL	74	122	282	55	1	0	3		

4) 4-5,4-8,4-14 North Boundary	SN			SN AVE								
			SN TOTAL	0	0	0	0	0	0	0		
	GN	4	3	GN AVE	3.33	11.00	26.67	7.33	0.00	0.00	0.00	
			GN TOTAL	13	44	107	29	0	0	0		
			TOTAL ALL	13	44	107	29	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	22.5	12.1	125.8	3.9	0.4	0.0	1.7	
	GN	46	24	GN TOTAL	1033	556	5789	178	17	0	76	
TOTAL ALL GEAR		46	24	TOTAL ALL	1033	556	5789	178	17	0	76	

APPENDIX III,

WEEKLY RECORD OF AREA 4 NATIVE HARVEST

INDIAN FOOD FISHERY - 1991

In 1991, the Indian Food Fishery in Area 4 changed significantly. A fisheries agreement was reached with the Tsimshian Tribal Council, and in the spring they took over the issue of all food fish licencing. Licencing was restricted to Tsimshian boats only. This resulted in significantly reduced fishing pressure. Licences were issued from the Tsimshian Tribal Council office, from Port Simpson band office, and from Metlakatla band office for Area 4. Catch stats at first were spotty. The TTC made it a policy that the next licence would only be issued to a fisherman if the previous licence's catch was reported.

The first week of the new regime began on the week ending May 25.

Week ending May 25

Licences issued - 11
Licences checked - 9
Did not fish - 5
Extrapolated catch - 4-0-0-0-50-4

Week ending June 1

Licences issued - 15
Licences checked - 14
Did not fish - 6
Extrapolated catch - 8-0-0-0-38-5

TTD 12-0-0-0-88-10

Week ending June 8

Licences issued - 22
Licences checked - 17
Did not fish - 5
Extrapolated catch - 99-0-0-1-94-5

TTD 111-0-0-1-182-15

Week ending June 15

Licences issued - 28
Licences checked - 24
Did not fish - 4
Extrapolated catch - 394-0-0-0-23-5

TTD 505-0-0-1-205-20

Week ending June 22

Licences issued - 43
Licences checked - 19
Did not fish - 11
Extrapolated catch - 2902-0-0-0-311-0

TTD 3407-0-0-1-516-20

Week ending June 29

Licences issued - 72
Licences checked - 45
Did not fish - 8
Extrapolated catch - 4507-0-0-0-155-6

TTD 7914-0-0-1-671-26

Week ending July 06

Licences issued - 73
Licences checked - 39
Did not fish - 19
Extrapolated catch - 661-0-0-0-1099-0

TTD 8575-0-0-1-1770-26

Week ending July 13

Licences issued - 32
Licences checked - 18
Did not fish - 11
Extrapolated catch - 767-0-0-0-56-4

TTD 9342-0-0-1-1826-30

Week ending July 20

Licences issued - 24
Licences checked - 13
Did not fish - 0
Extrapolated catch - 1634-4-79-4-0-4

TTD 10976-4-79-5-1826-34

This was the final sockeye fishery requested by the Tsimshian Tribal Council.

Metlakatla Band

Metlakatla Band had 8 fisheries this year. Here are the results.

<u>Date</u>	<u>Licences</u>	<u>Sk</u>	<u>Co</u>	<u>Pk</u>	<u>Cm</u>	<u>Ck</u>	<u>St</u>
June 26-28	4	152	4	0	2	1	1
July 11-12	1	16	0	0	2	0	0
July 18-19	3	360	0	42	2	0	1
July 25-26	8	787	0	68	2	1	4
Aug. 1-2	7	531	1	0	1	0	1
Aug. 7-10	3	144	0	0	0	0	0
Aug. 14-15	3	141	5	55	0	0	2
Aug. 22-23	1	19	0	0	1	0	2
Total	30	2150	10	165	10	2	11

TTD for Area 4:

13126 - 14 - 244 - 15 - 1828 - 45

Station	Year	Escapement (cfs)	Notes
1	1950	100	
2	1951	120	
3	1952	150	
4	1953	180	
5	1954	200	
6	1955	220	
7	1956	250	
8	1957	280	
9	1958	300	
10	1959	320	
11	1960	350	
12	1961	380	
13	1962	400	
14	1963	420	
15	1964	450	
16	1965	480	
17	1966	500	
18	1967	520	
19	1968	550	
20	1969	580	
21	1970	600	
22	1971	620	
23	1972	650	
24	1973	680	
25	1974	700	
26	1975	720	
27	1976	750	
28	1977	780	
29	1978	800	
30	1979	820	
31	1980	850	
32	1981	880	
33	1982	900	
34	1983	920	
35	1984	950	
36	1985	980	
37	1986	1000	
38	1987	1020	
39	1988	1050	
40	1989	1080	
41	1990	1100	
42	1991	1120	
43	1992	1150	
44	1993	1180	
45	1994	1200	
46	1995	1220	
47	1996	1250	
48	1997	1280	
49	1998	1300	
50	1999	1320	
51	2000	1350	
52	2001	1380	
53	2002	1400	
54	2003	1420	
55	2004	1450	
56	2005	1480	
57	2006	1500	
58	2007	1520	
59	2008	1550	
60	2009	1580	
61	2010	1600	
62	2011	1620	
63	2012	1650	
64	2013	1680	
65	2014	1700	
66	2015	1720	
67	2016	1750	
68	2017	1780	
69	2018	1800	
70	2019	1820	
71	2020	1850	
72	2021	1880	
73	2022	1900	
74	2023	1920	
75	2024	1950	
76	2025	1980	
77	2026	2000	
78	2027	2020	
79	2028	2050	
80	2029	2080	
81	2030	2100	

APPENDIX IV

SKEENA RIVER ESCAPEMENT ESTIMATES

Skeena River Sockeye Escapement Estimate - Mean Length Method Using Catch as Index

1991									
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 9	0.00	0	0	0	0	0	0	0	
10	0.67	436	436	436	328	328	328		
11	1.33	866	1302	1302	651	979	979		
12	0.67	436	1738	1738	328	1307	1307		
13	1.00	651	2389	2389	489	1796	1796		
14	2.00	1303	3692	3692	979	2775	2775		
15	3.00	1954	5646	5646	1468	4243	4243	12888	12888
16	6.50	3180	3180	7423	3007	3007	7250		
17	2.00	979	4159	8402	925	3932	8175		
18	4.67	2285	6444	10687	2160	6092	10335		
19	8.67	4242	10686	14929	4011	10103	14346		
20	3.00	1468	12154	16397	1388	11491	15734		
21	3.25	1590	13744	17987	1503	12994	17237		
22	3.50	1713	15457	19700	1619	14613	18856	25382	38270
23	1.67	773	773	19629	862	862	19718		
24	3.00	1388	2161	21017	1548	2410	21266		
25	1.33	615	2776	21632	686	3096	21952		
26	2.67	1235	4011	22867	1378	4474	23330		
27	3.50	1619	5630	24486	1806	6280	25136		
28	3.50	1619	7249	26105	1806	8086	26942		
29	3.50	1619	8868	27724	1806	9892	28748	53621	91891
30	4.00	2064	2064	30812	2790	2790	31538		
JULY 1	3.00	1548	3612	32360	2093	4883	33631		
2	7.00	3612	7224	35972	4883	9766	38514		
3	1.33	686	7910	36658	928	10694	39442		
4	7.00	3612	11522	40270	4883	15577	44325		
5	11.67	6022	17544	46292	8140	23717	52465		
6	51.00	26316	43860	72608	35573	59290	88038	76953	168844
7	40.67	28367	28367	116405	27717	27717	115755		
8	64.00	44640	73007	161045	43616	71333	159371		
9	31.67	22090	95097	183135	27163	98496	186534		
10	18.33	12785	107882	195920	15722	114218	202256		
11	14.67	10232	118114	206152	12582	126800	214838		
12	37.50	26156	144270	232308	32164	158964	247002		
13	39.00	27203	171473	259511	33450	192414	280452	117700	286544
14	19.50	16725	16725	297177	14122	14122	294574		
15	38.00	32593	49318	329770	27520	41642	322094		
16	30.50	26160	75478	355930	22088	63730	344182		
17	19.33	16579	92057	372509	13999	77729	358181		
18	29.33	25156	117213	397665	21241	98970	379422		
19	58.00	49747	166960	447412	42004	140974	421426		
20	85.75	73548	240508	520960	62100	203074	483526	186517	473061

Skeena River Pink Escapement Estimate (Regression method)

1991

DATE	MEAN CATCH PER HR	DAILY ESC.	WEEKLY ESC.	CUM. ESC.	DESIRED ESC.	CUM. ESC.
JUNE 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					1400	1400
7						
8						
9	0.27	473	473	473		
10	0.00	0	473	473		
11	0.27	473	945	945		
12	0.00	0	945	945		
13	0.00	0	945	945	8600	10000
14	0.00	0	0	945		
15	1.88	3290	3290	4235		
16	1.44	2520	5810	6755		
17	3.05	5338	11148	12093		
18	4.66	8155	19303	20248		
19	11.57	20248	39550	40495		
20	9.34	16345	55895	56840	16400	26400

Skeena River Pink Escapement Estimate (Regression method)

1991

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

JULY 21	9.79	17133	17133	73973		
22	14.02	24535	41668	98508		
23	15.36	26880	68548	125388		
24	22.05	38588	107135	163975		
25	30.53	53428	160563	217403		
26	19.15	33513	194075	250915		
27	44.80	78400	272475	329315	81400	107800

28	15.36	26880	26880	356195		
29	21.61	37818	64698	394013		
30	32.31	56543	121240	450555		
31	44.35	77613	198853	528168		
AUG 1	56.84	99470	298323	627638		
2	37.22	65135	363458	692773		
3	16.92	29610	393068	722383	153900	261700

4	41.90	73325	73325	795708		
5	142.92	250110	323435	1045818		
6	50.82	88935	412370	1134753		
7	96.76	169330	581700	1304083		
8	112.37	196648	778348	1500730		
9	66.21	115868	894215	1616598		
10	152.28	266490	1160705	1883088	266300	528000

11	114.37	200148	200148	2083235		
12	100.99	176733	376880	2259968		
13	125.52	219660	596540	2479628		
14	83.15	145513	742053	2625140		
15	99.21	173618	915670	2798758		
16	78.47	137323	1052993	2936080		
17	76.24	133420	1186413	3069500	258200	786200

18	58.62	102585	102585	3172085		
19	26.51	46393	148978	3218478		
20	47.70	83475	232453	3301953		
21	22.72	39760	272213	3341713		
22	18.26	31955	304168	3373668		
23	35.88	62790	366958	3436458		
24	22.50	39375	406333	3475833	160600	946800

25	20.71	36243	36243	3512075		
26	10.46	18305	54548	3530380		
27	27.85	48738	103285	3579118		
28	58.62	102585	205870	3681703		
29	36.77	64348	270218	3746050		
30	91.63	160353	430570	3906403		
31	23.39	40933	471503	3947335	40300	987100

SEPT 1	19.82	34685	34685	3982020		
2	36.32	63560	98245	4045580		
3						
4						
5						
6						
7					12900	1000000

APPENDIX V

Security Classification	Date
Unclassified	November 23 1971

APPENDIX V

1991 BABINE FENCE COUNTS

TO Les Jantz
 Skeena/Nass
 Biologist

Security Classification
____Unclassified____
Date
____November 23 1991____

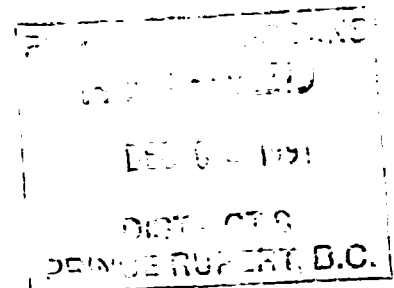
FROM Mike Jakubowski
 Babine Fence Technician

SUBJECT: 1991 Babine River Counting Fence Adult Program.

In 1991 the Babine River Counting Fence was installed and made operational on July 7. Enumeration ended on the morning of October 20 when the traps were removed allowing the fish free passage. A data manuscript due out early in the new year will provide a more detailed account of this years program.

The species escapements were as follows:

- | | |
|----------------------|-----------------|
| 1) Sockeye 1,592,367 | Large 1,176,318 |
| | Jack 416,049 |
| 2) Chinook 1,213 | Large 1,043 |
| | Jack 170 |
| 3) Pink 232,021 | |
| 4) Coho 4,904 | |
| 5) Chum 0 | |
| 6) Steelhead 83 | |



As in years past a commercial harvest of Jack Sockeye was carried out at the fence by members of the Fort Babine village. In 1991 a total of 169,797 Jacks were taken. This number is included in the fence count.

Due to the P.S.A.C strike in 1991 population estimates from a tag/recovery program were not available for the Lower Babine River. A tagging program was completed on the Upper Babine at a later than usual date. Population estimates are as follows;

Lower Babine River (by visual count.)
Nilkitkwa Lake to the counting fence = 5,000

Upper Babine River
Fort Babine to Nilkitkwa Lake = 300,000

**

POTENTIAL BABINE EGG DEPOSITION.

Total number of large sockeye = 1,176,318

Calculated # of females = 741,080

Number taken in Native Food Fishery = 17,500

Number of females taken in Native Food Fishery = 11,025

Number taken in Elder Fishery = 2,100

Number of females taken in Elder Fishery = 1,323

Number of females taken in all = 12,348

Number of females left for spawning = 728,732

Average Fork Length = 53.39

Potential Egg Deposition = 2,015,672,712 *

* (number of females x fecundity **)

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

cc. D. Peacock.
S. Barnettson
T. Turnbull

m-fals
D. Southgate
R. Wilson
D. Einarson

1991 BABINE RIVER FENCE SOCKEYE COUNTS

DATE	DAILY JK SOCKEYE	CUMULATIVE JK SOCKEYE	DAILY LRG SOCKEYE	CUMULATIVE LRG SOCKEYE
	-----	-----	-----	-----
July 10	0	0	12	12
11	0	0	6	18
12	0	0	5	23
13	0	0	24	47
14	0	0	8	55
15	0	0	33	88
16	0	0	70	158
17	0	0	59	217
18	0	0	42	259
19	0	0	259	518
20	4	4	690	1208
21	11	15	1153	2361
22	85	100	12161	14522
23	512	612	38820	53342
24	753	1365	39758	93100
25	588	1953	19960	113060
26	323	2276	10221	123281
27	358	2634	8377	131658
28	354	2988	7380	139038
29	686	3674	11305	150343
30	697	4371	10552	160895
31	832	5203	12492	173387
Aug 1	1349	6552	16308	189695
2	1476	8028	19419	209114
3	2510	10538	32361	241475
4	2789	13327	34383	275858
5	2227	15554	33551	309409
6	1519	17073	26736	336145
7	2251	19324	33262	369407
8	1591	20915	38679	408086
9	1570	22485	27570	435656
10	1014	23499	18183	453839
11	1138	24637	22635	476474
12	1404	26041	22826	499300
13	1160	27201	22986	522286
14	1815	29016	19679	541965
15	2741	31757	26986	568951
16	1946	33703	22026	590977
17	1633	35336	18214	609191
18	1422	36758	16123	625314
19	2095	38853	17047	642361
20	1933	40786	12111	654472
21	1888	42674	15184	669656
22	1954	44628	18044	687700
23	2094	46722	19968	707668
24	2071	48793	16623	724291
25	2821	51614	17635	741926

1991 BABINE RIVER FENCE SOCKEYE COUNTS

DATE	DAILY JK SOCKEYE	CUMULATIVE JK SOCKEYE	DAILY LRG SOCKEYE	CUMULATIVE LRG SOCKEYE
Aug 26	2225	53839	17811	759737
27	2012	55851	18542	778279
28	5354	61205	19833	798112
29	3330	64535	18615	816727
30	10392	74927	26193	842920
31	1083	76010	12338	855258
Sept 1	2093	78103	12850	868108
2	2590	80693	13900	882008
3	3808	84501	15873	897881
4	22560	107061	17832	915713
5	13302	120363	20226	935939
*	169797	290160	0	935939
6	15601	305761	20584	956523
7	17500	323261	23441	979964
8	13581	336842	22680	1002644
9	9665	346507	16617	1019261
10	7558	354065	16277	1035538
11	8614	362679	23021	1058559
12	6201	368880	14709	1073268
13	4139	373019	10889	1084157
14	5806	378825	10220	1094377
15	4286	383111	9368	1103745
16	3676	386787	7465	1111210
17	3382	390169	5824	1117034
18	4209	394378	5446	1122480
19	3567	397945	6072	1128552
20	4092	402037	4824	1133376
21	1748	403785	3561	1136937
22	1341	405126	3467	1140404
23	1567	406693	4717	1145121
24	1105	407798	3480	1148601
25	1191	408989	3038	1151639
26	1041	410030	2763	1154402
27	576	410606	2208	1156610
28	1007	411613	2739	1159349
29	1417	413030	3649	1162998
30	598	413628	1051	1164049

1991 BABINE RIVER FENCE SOCKEYE COUNTS

DATE	DAILY JK SOCKEYE	CUMULATIVE JK SOCKEYE	DAILY LRG SOCKEYE	CUMULATIVE LRG SOCKEYE
Oct 1	543	414171	1521	1165570
2	455	414626	1458	1167028
3	370	414996	963	1167991
4	216	415212	973	1168964
5	133	415345	840	1169804
6	78	415423	941	1170745
7	97	415520	661	1171406
8	47	415567	660	1172066
9	92	415659	833	1172899
10	145	415804	1141	1174040
11	185	415989	1060	1175100
12	12	416001	341	1175441
13	25	416026	282	1175723
14	10	416036	226	1175949
15	9	416045	209	1176158
16	1	416046	88	1176246
17	3	416049	31	1176277
18	0	416049	20	1176297
19	0	416049	21	1176318

TAR. ESC. = 400,000.

* Denotes addition of jack Sockeye from harvest.

1991 BABINE RIVER JACK SOCKEYE HARVEST.

DATE	DAILY HARVEST	CUMULATIVE HARVEST
-----	-----	-----
AUG 2	450	450
3	NF	450
4	NF	450
5	NF	450
6	1285	1735
7	1694	3429
8	4308	7737
9	3399	11136
10	2940	14076
11	3086	17162
12	3539	20701
13	3783	24484
14	5145	29629
15	5536	35165
16	4865	40030
17	4178	44208
18	4680	48888
19	5951	54839
20	6269	61108
21	7591	68699
22	7448	76147
23	6268	82415
24	6377	88792
25	8699	97491
26	7660	105151
27	7901	113052
28	5446	118498
29	12514	131012
30	2960	133972
31	4004	137976
SEP 1	9436	147412
2	11390	158802
3	10995	169797

Abrevation NF signifies no fishery that day.

1991 DAILY and CUMULATIVE CHINOOK COUNTS.

DATE	DAILY JK CHINOOK	CUMULATIVE JK CHINOOK	DAILY LRG CHINOOK	CUMULATIVE LRG CHINOOK
----	-----	-----	-----	-----
July 17	1	1	0	0
18	0	1	0	0
19	0	1	0	0
20	0	1	0	0
21	0	1	0	0
22	0	1	0	0
23	0	1	1	1
24	1	2	4	5
25	0	2	4	9
26	0	2	1	10
27	2	4	7	17
28	4	8	5	22
29	0	8	4	26
30	3	11	0	26
31	1	12	2	28
Aug 1	3	15	2	30
2	2	17	3	33
3	1	18	13	46
4	2	20	12	58
5	1	21	5	63
6	0	21	0	63
7	1	22	0	63
8	2	24	4	67
9	3	27	0	67
10	6	33	0	67
11	4	37	3	70
12	2	39	3	73
13	8	47	3	76
14	4	51	0	76
15	1	52	7	83
16	0	52	6	89
17	2	54	5	94
18	2	56	9	103
19	6	62	18	121
20	11	73	16	137
21	3	76	9	146
22	1	77	11	157
23	6	83	7	164
24	1	84	7	171
25	1	85	15	186
26	1	86	8	194
27	1	87	6	200
28	3	90	15	215
29	4	94	15	230
30	5	99	46	276
31	4	103	42	318

1991 DAILY and CUMULATIVE CHINOOK COUNTS.

DATE	DAILY JK CHINOOK	CUMULATIVE JK CHINOOK	DAILY LRG CHINOOK	CUMULATIVE LRG CHINOOK
Sept 1	11	114	20	338
2	4	118	5	343
3	0	118	23	366
4	2	120	29	395
5	2	122	34	429
6	3	125	65	494
7	1	126	47	541
8	4	130	13	554
9	2	132	17	571
10	2	134	6	577
11	2	136	19	596
12	1	137	36	632
13	2	139	30	662
14	3	142	31	693
15	3	145	52	745
16	9	154	25	770
17	4	158	26	796
18	7	165	52	848
19	0	165	20	868
20	0	165	16	884
21	0	165	10	894
22	0	165	10	904
23	0	165	10	914
24	0	165	12	926
25	0	165	10	936
26	0	165	9	945
27	0	165	16	961
28	2	167	32	993
29	0	167	14	1007
30	0	167	0	1007
Oct 1	0	167	5	1012
2	0	167	2	1014
3	1	168	6	1020
4	0	168	3	1023
5	0	168	2	1025
6	0	168	1	1026
7	0	168	5	1031
8	0	168	0	1031
9	0	168	0	1031
10	0	168	0	1031

1991 DAILY and CUMULATIVE CHINOOK COUNTS.

DATE	DAILY JK CHINOOK	CUMULATIVE JK CHINOOK	DAILY LRG CHINOOK	CUMULATIVE LRG CHINOOK
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Oct11	0	168	5	1036
12	0	168	0	1036
13	0	168	1	1037
14	0	168	0	1037
15	0	168	2	1039
16	2	170	2	1041
17	0	170	1	1042
18	0	170	1	1043
19	0	170	0	1043
20	0	170		1043

1991 DAILY AND CUMULATIVE COUNTS OF
COHO, PINKS and STEELHEAD.

DATE	DAILY PINKS	CUMULATIVE PINKS	DAILY COHO	CUMULATIVE COHO	DAILY STEELHEAD
07/31	1	1	0	0	0
08/01	12	13	0	0	0
08/02	23	36	0	0	0
08/03	203	239	0	0	0
08/04	405	644	0	0	0
08/05	309	953	0	0	0
08/06	126	1079	0	0	0
08/07	276	1355	0	0	0
08/08	780	2135	1	1	0
08/09	777	2912	2	3	0
08/10	622	3534	0	3	0
08/11	1935	5469	3	6	0
08/12	2153	7622	0	6	1
08/13	2596	10218	3	9	0
08/14	2520	12738	8	17	1
08/15	5444	18182	4	21	0
08/16	8343	26525	1	22	1
08/17	9634	36159	6	28	1
08/18	11190	47349	5	33	0
08/19	10614	57963	1	34	0
08/20	7130	65093	11	45	0
08/21	6097	71190	12	57	1
08/22	6267	77457	27	84	1
08/23	4777	82234	34	118	0
08/24	5380	87614	51	169	2
08/25	4861	92475	44	213	0
08/26	4561	97036	33	246	3
08/27	6068	103104	59	305	2
08/28	8773	111877	63	368	2
08/29	13226	125103	49	417	0
08/30	26347	151450	64	481	2
08/31	12098	163548	43	524	1
09/01	8014	171562	48	572	1
09/02	4497	176059	45	617	0
09/03	4863	180922	40	657	0
09/04	5859	186781	39	696	1
09/05	5106	191887	34	730	1

1991 DAILY AND CUMULATIVE COUNTS OF
COHO, PINKS and STEELHEAD.

DATE	DAILY PINKS	CUMULATIVE PINKS	DAILY COHO	CUMULATIVE COHO	DAILY STEELHEAD
09/06	4768	196655	44	774	2
09/07	5719	202374	65	839	0
09/08	5220	207594	79	918	5
09/09	4747	212341	112	1030	0
09/10	3130	215471	92	1122	0
09/11	4115	219586	136	1258	1
09/12	3413	222999	173	1431	1
09/13	2972	225971	127	1558	1
09/14	1981	227952	92	1650	2
09/15	942	228894	81	1731	1
09/16	936	229830	153	1884	0
09/17	929	230759	98	1982	0
09/18	574	231333	147	2129	0
09/19	295	231628	107	2236	0
09/20	187	231815	108	2344	0
09/21	74	231889	67	2411	0
09/22	25	231914	35	2446	0
09/23	40	231954	59	2505	0
09/24	16	231970	49	2554	0
09/25	3	231973	64	2618	2
09/26	9	231982	88	2706	3
09/27	14	231996	85	2791	0
09/28	7	232003	134	2925	2
09/29	10	232013	129	3054	3
09/30	0	232013	53	3107	0
10/01	3	232016	87	3194	1
10/02	0	232016	74	3268	0
10/03	0	232016	82	3350	0
10/04	0	232016	102	3452	0
10/05	2	232018	57	3509	0
10/06	1	232019	61	3570	0
10/07	2	232021	80	3650	0
10/08	0	232021	61	3711	0
10/09	0	232021	64	3775	0
10/10	0	232021	146	3921	0
10/11	0	232021	173	4094	7
10/12	0	232021	202	4296	0
10/13	0	232021	166	4462	2
10/14	0	232021	125	4587	8
10/15	0	232021	188	4775	15
10/16	0	232021	69	4844	4
10/17	0	232021	28	4872	2
10/18	0	232021	19	4891	0
10/19	0	232021	13	4904	0

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APPENDIX VI

AREA 4 TRENDS AND AVERAGES

AREA 4 COMMERCIAL HAILED CATCH

	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JACKS	STEELHEAD
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
1990	785675	49387	904391	27715	10027	2035	5648
AVERAGES	913232	33744	879470	52645	9582	5596	13779
1991	1083546	46971	2271809	35869	13554	3908	3872

AREA 4 COMMERCIAL EFFORT

	GN DAYS	SN DAYS	GN BOAT DAYS	SN BOAT DAYS
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
1990	30.5	14.2	8970	62
AVERAGES	22.1	6.5	8643	285
1991	25	6.9	10921	178

	IFF CATCHES	SKEENA	TOTAL			
	SOCKEYE	COHO	PINK	CHUM	CHINOOK	STEELHEAD
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	11468	9287
1985	185072	10839	46710	1752	13430	10937
1986	151266	21716	37409	2424	20639	8623
1987	141617	8476	60536	1128	16018	6391
1988	135436	1161	14801	1835	17445	6283
1989	149378	2714	38024	614	14842	1514
1990	154755	8542	43365	750	22967	1806
AVERAGES	143314	10418	33511	1089	11515	5397
1991	139069	4946	38189	525	14867	1024

ESCAPEMENTS

	SOCKEYE	COHO	PINK	CHUM	CHINOOK
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
1990	989482	78102	2613020	6043	55976
AVERAGES	1052435	36222	1660082	18280	37588
1991	1233710	52909	4782047	3183	52753

	INDEX ON AUG. 24		EVEN	ODD				
	SOCKEYE	COHO	PINK	PINK	CHUM	CHINOOK	JACKS	STEELHEAD
1976	1142.44	67.13	492.30		44.37	91.29	5.57	105.80
1977	1637.59	99.30		931.45	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		499.68	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		880.85	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		1030.07	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		801.12	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		1518.98	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		2067.37	52.67	213.06	36.97	70.83
1990	1101.68	76.12	849.49		25.43	218.58	35.92	82.98
AVERAGES	1,498.22	62.38	635.19	1,104.22	52.22	155.63	32.34	102.22
1991	1173.75	55.36		1774.96	17.07	201.98	10.39	30.05

NON-TIDAL SPORT CATCH

	A 4/WF		TERRACE		HAZELTON		SMITHERS		TOTAL	
	CO	CK	CO	CK	CO	CK	CO	CK	CO	CK
1976										
1977										
1978										
1979										
1980										
1981										
1982										
1983										
1984										
1985	170	140	1200	1300	250	75	200	700	1820	2215
1986	120	110	1500	1000	500	250		1150	2120	2510
1987	450	75	1700	1200	250	100	60	1150	2460	2525
1988	240	25	350	2000	50	125	47	1445	687	3595
1989	450	26	2500	3000	0	525	0	970	2950	4521
1990	550	15	3500	2000	450	625	126	1020	4626	3660
AVE	330	65	1792	1750	250	283	87	1073	2459	3171
1991	220	15	3500	2500	0	750	10	1175	3730	4440