

**2003 POST SEASON REVIEW**

# **SALMON**



**NORTH COAST AREAS 1-6**

**FISHERIES AND OCEANS CANADA**

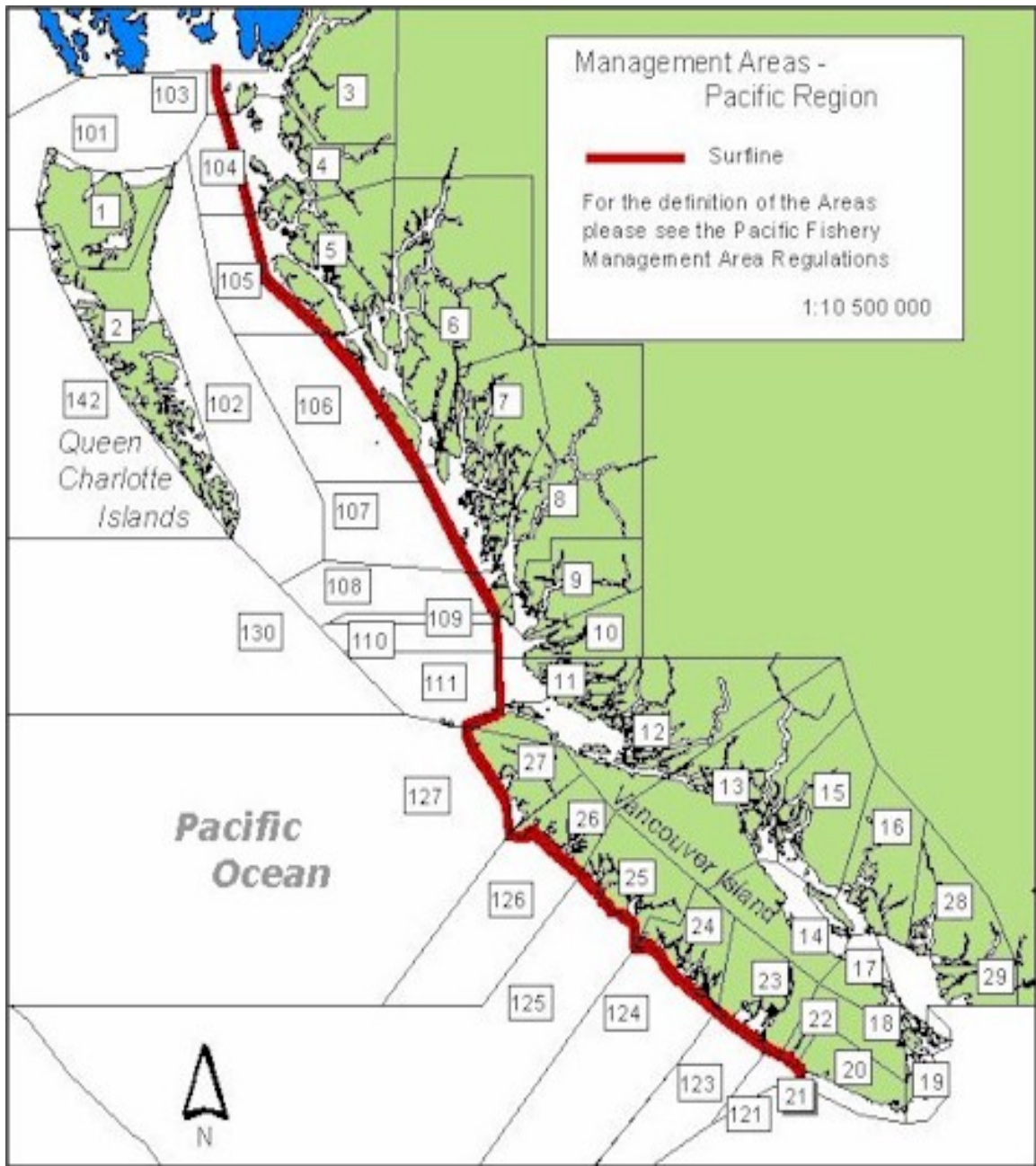
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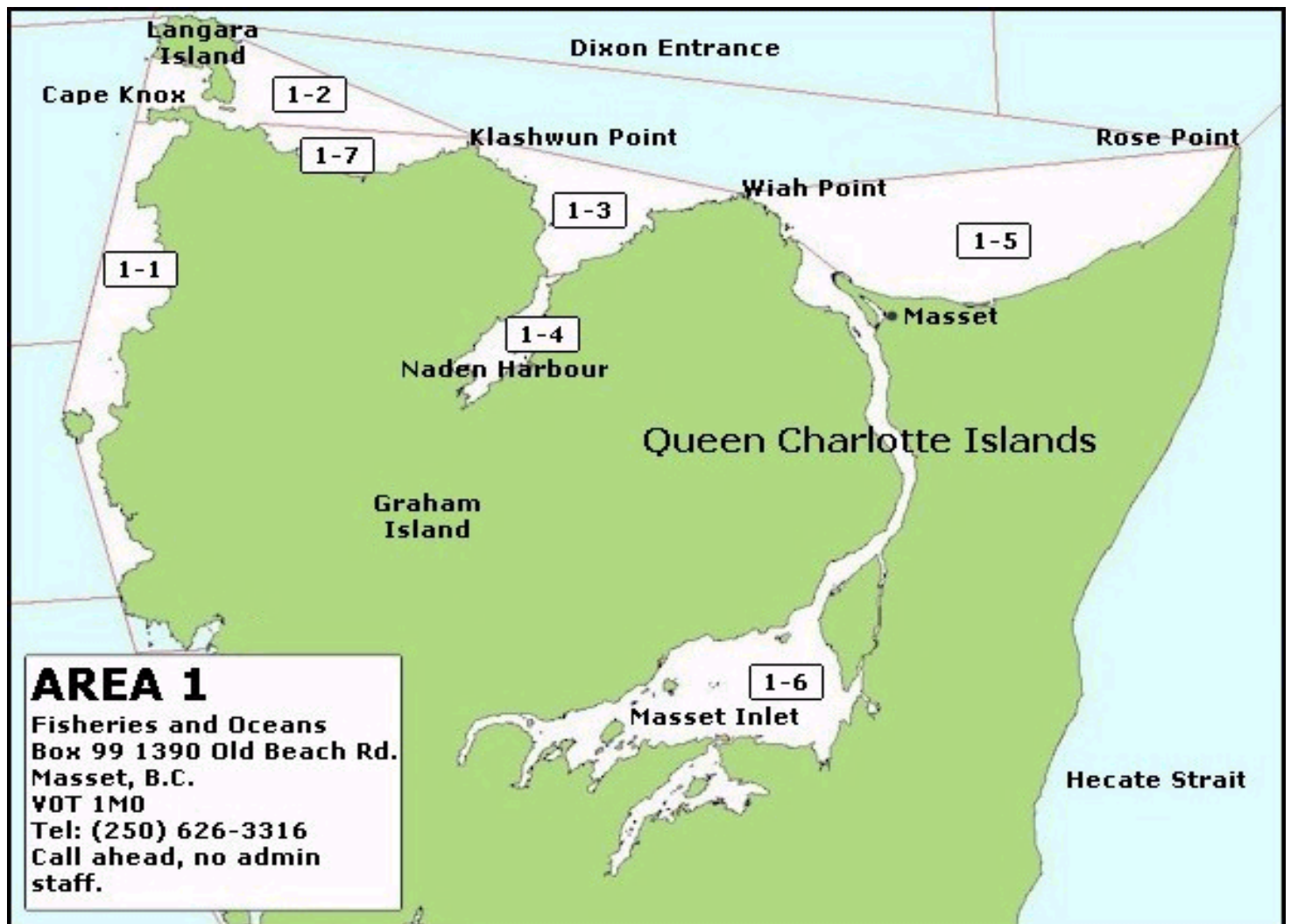
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## **2003 Post Season Summary and Assessment**

### **Area 1**

#### **First Nations**

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to March 31, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

#### **Haida**

Sockeye – 12,608

Coho – 1,000

Pink – 3,000

Chum – 150

Chinook – 2030

**FSC Review** - The 2003 Haida traditional sockeye fisheries in Masset Inlet streams proceeded under the direction of the Masset Inlet Advisory Committee. The Haida Fisheries Program provided technical advice to the committee and Haida Fisheries Guardians monitored the fisheries and provided onsite management both in Masset Inlet and Naden Harbour. Sockeye returns were generally quite poor resulting in lower than anticipated harvest levels. Although local terminal stocks provide some opportunities for food harvest the abundance does not support what is required. As a result food fish harvests take place within Dixon Entrance by seine, gillnet and troll gear, particularly in the Langara Island area.

**ESSR Review** – There were no ESSR licences issues for Area 1 during 2003.

#### **Recreational (Tidal)**

Chinook salmon open January 1 to December 31. Daily limit two.

Coho salmon open January 1 to December 31 with a daily limit of four. In the tidal portion of all streams the daily limit of coho was two.

Sockeye, pink, and chum salmon open January 1 to December 31. Daily limit four.

The waters of Masset Inlet and Sound south of a line from Griffiths Point are closed to chinook retention from May 15 to October 31.

The waters of Masset Inlet and Sound south of a line from Entry Point to Westacott Point are closed to chinook retention from June 15 to October 31.

In the tidal portion of all streams only a single barbless hook may be used.

#### **Recreational (Non-tidal)**

Coho salmon open April 1 to October 31, 2003 for four per day, only one over 50 cm., except in the Braverman River and Pallant Creek which is four per day, only 2 over 50 cm.

Coho salmon closed November 1, 2003 to March 31, 2004.

Sockeye, pink, chum, and chinook salmon closed January 1 to December 31, 2003.

In the non-tidal portion of all streams only a single barbless hook may be used.

**Recreational Review** – The interception salmon sport fishery receives some participation by locals over the winter months, however consistency in effort begins around early April. Initial effort is mostly by local independent anglers departing out of Masset, however the most significant portion of the sportfishing season develops mid May and continues to mid September. Over the past 18 years the growth of this fishery has resulted in the presence of 9 commercial lodge operations (floating and land based) within Area 1; 6 present at Langara and 3 in Naden Harbour. Preliminary estimates suggest an increase in chinook harvest by approximately 20% over the 2002 season.

### **Commercial Net**

Passing Skeena sockeye stocks will be harvested in Areas 3, 4 and 5. Fall fisheries are expected to occur on identified surpluses of local terminal chum salmon.

Anticipated net opening dates:

September 15 – Open for gillnets in portions of subarea 1-3 east of a line true north from Cape Edenshaw and subarea 1-5 west of a line true north from Skonun Point to assess the strength of chum salmon migrating into Masset Inlet.

Subsequent openings will depend on stock strength indicators.

**Commercial Net Review** – Opportunities were provided for 4 days from mid to late September for gillnets only to harvest chum salmon in McIntyre Bay. Catch results often are a reliable indicator for incoming stock strengths to the Ain River and Awun River systems in Masset Inlet. There was no effort observed or reported during the 4 fishing days offered.

**Queen Charlotte Islands Commercial Net Catch Summary, 2003**

**AREA 1**

**Gillnets:      Masset Inlet**

Date	# of gillnets	sockeye	coho	pink	chum	chinook
Sept. 14	0	0	0	0	0	0
Sept. 15	0	0	0	0	0	0
Sept. 21	0	0	0	0	0	0
Sept. 22	0	0	0	0	0	0
Totals:		0	0	0	0	0

**Seines:      Masset Inlet**

Date	# of seines	sockeye	coho	pink	chum	chinook
Sept. 14	N/A	-	-	-	-	-
Sept. 15	N/A	-	-	-	-	-
Sept. 21	N/A	-	-	-	-	-
Sept. 22	N/A	-	-	-	-	-
Totals:		0	0	0	0	0

Area 1 Total Catch:	0	0	0	0	0
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**Queen Charlotte Islands Food, Social, & Ceremonial Fishery Catch Summary - 2003**

Area	Location	Period	Sockeye	Coho	Pink	Chum	Chinook	Comments
1	Yakoun River	early May to early June	603	0	0	0	0	gillnet terminal sockeye
	Awun River	late May to mid June	817	0	0	0	0	gillnet terminal sockeye
	Naden River	mid July to mid August	623	0	0	0	0	gillnet terminal sockeye
	Jalun River	mid July to mid August	15	0	0	0	0	gillnet terminal chum
	Ain River	mid Sept. to mid Oct.	0	0	0	0	0	gillnet terminal chum
	Dixon Entrance	July & August	10000	400	3000	50	500	interception seine; Western Lass
	Dixon Entrance	late June to mid August	500	100	0	50	30	interception gillnet
	Dixon Entrance	June, July & August	50	500	0	50	1500	interception troll/sportfish
Area 1 Total Catch			12608	1000	3000	150	2030	

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Total QCI Food, Social & Ceremonial Harvests	17073	1300	3000	150	2530	
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Catch information for terminal sockeye has been provided by the Haida Fisheries Program.

Interception catch information is based on a variety of information sources and is only an estimate.

**AREA 1 STREAM ESCAPEMENTS - 2003**

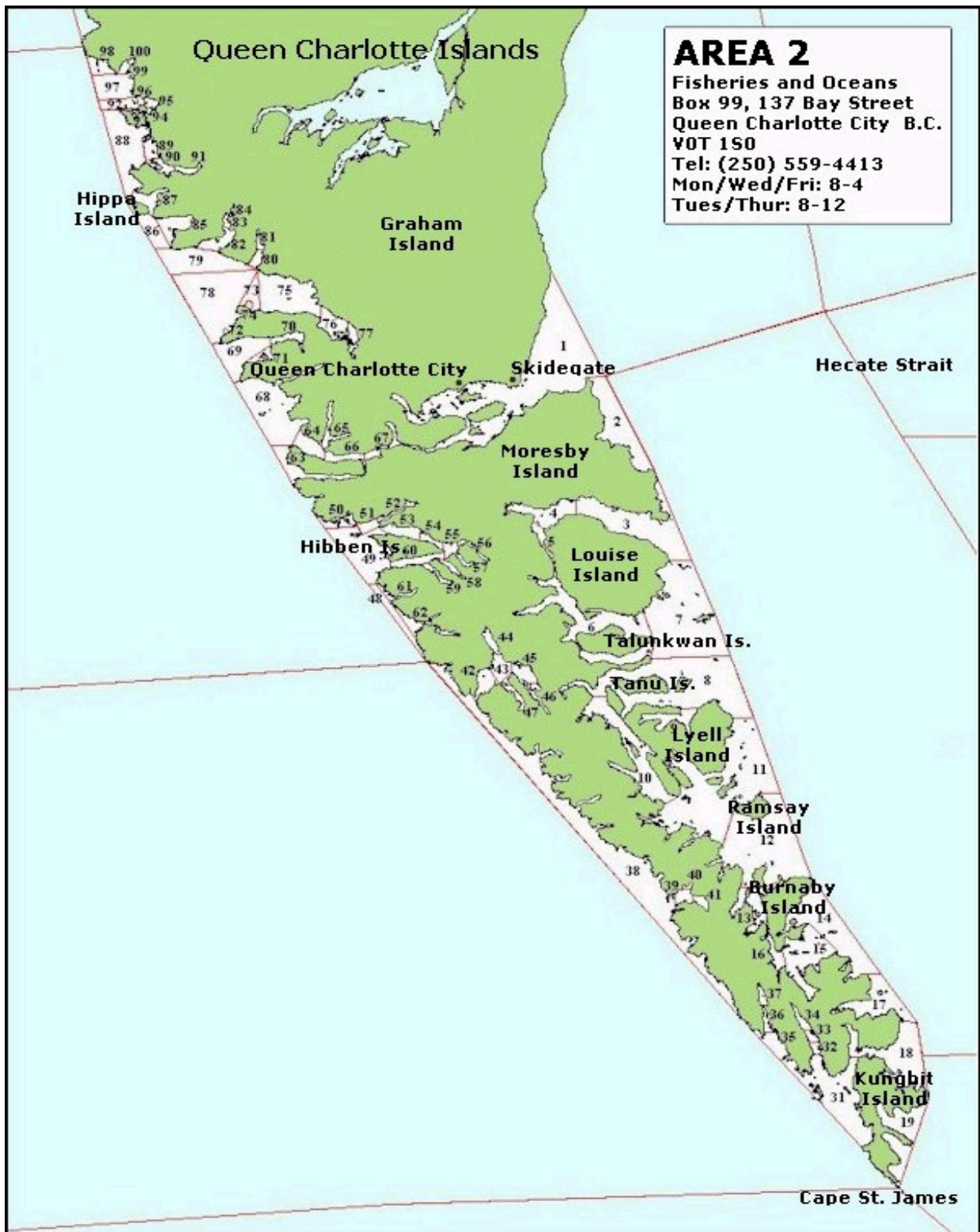
STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>MASSET SUBAREA</u>								
Ain River	N/I	(15,000)	N/I	(20,000)	N/O		20,000	(25,000)
Awun River	2,000	(20,000)	N/I	(8,000)	N/O		12,000	(15,000)
Datlamen Creek	N/O		1,200	(5,000)	N/O	(30,000)	N/O	
Mamin River	-		Unk.	(15,000)	N/O	(50,000)	N/O	
McClinton Creek	-		N/I		N/I		-	
Nadu Creek	-		184		-		-	
Yakoun River	2,000	(45,000)	Unk.	(45,000)	N/O	(650,000)	N/O	

Yakoun River chinook salmon escapement estimated at 4,000 (desired escapement of 5,000 chinook).

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>NADEN SUBAREA</u>								
Davidson Creek	N/O		N/I		N/O	(100,000)	N/O	
Lignite Creek	N/O		N/I		N/O	(50,000)	N/O	
Naden River	750	(20,000)	N/I		N/O	(100,000)	1,500	(20,000)
Stanley Creek	N/O		N/I		N/O		500	(2,000)

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>OUTSIDE SUBAREA</u>								
Chown River	-		Unk.		-		-	
Hiellen River	-		N/I		-		-	
Jalun River	N/I	(20,000)	N/I		N/I	(50,000)	-	

Note: Although the number in brackets is not a biological escapement goal, it is to assist management in the determination of what an interim goal could be (the level of abundance which may trigger surplus harvest opportunities).



## 2003 Post Season Summary and Assessment

### Area 2 East

#### First Nations

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to March 31, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

#### Haida

Sockeye – 3,965

Coho – 50

Pink – 0

Chum – 0

Chinook – 0

**FSC Review** - Local food fisheries were toward sockeye as the primary target species in late spring and early summer and to a much lesser degree toward coho later in the fall. The Copper River sockeye fishery, which is managed by the Haida Fisheries Program, provided opportunity for a community harvest which is annually supplemented by interception fish caught by seine in either Areas 1 or 2 West later in the summer.

**ESSR Review** – An ESSR licence was issued to the Haida Fisheries Program to harvest enhanced stock coho from Pallant Creek and Braverman Creek. A total of 3,325 coho were harvested at the Pallant Creek fence for commercial sale. This harvest represents only a very small portion of what was anticipated as surplus for the 2003 season given that returns were from lake releases since the coho rearing program began in Mosquito Lake. Proceeds from any sale of surplus fish were to be used to augment the cost of operating the Pallant Creek Hatchery.

#### Recreational (Tidal)

Chinook salmon open January 1 to December 31. Daily limit two.

Coho salmon open January 1 to December 31 with a daily limit of four. In the tidal portion of all streams (other than Pallant Creek and Braverman Creek) the daily limit of coho was two.

Sockeye salmon open January 1 to December 31, daily limit of four, except for a local closure in subareas 2-1 and 2-2 (west of a line from Lawn Point to Gray Point) where non-retention of sockeye is in effect from April 1 to July 15.

Pink, and chum salmon open January 1 to December 31, daily limit four, except for a local closure in the waters of Skidegate Inlet shoreward of a line between two boundary signs on either side of Sachs Creek estuary from August 15 to October 31, 2003.

In the tidal portion of all streams only a single barbless hook may be used.

#### Recreational (Non-tidal)

Coho salmon open April 1 to October 31, 2003 for four per day, only one over 50 cm., except in Braverman Creek and Pallant Creek which is four per day, only two over 50 cm.

Coho salmon closed November 1, 2003 to March 31, 2004.

Sockeye, pink, chum, and chinook salmon closed January 1 to December 31, 2003.

In the non-tidal portion of all streams only a single barbless hook may be used.

**Recreational Review** – The early chinook salmon fishery in East Skidegate during mid March to mid May was reported to be poor than normal. Some chinook fishing does occur along the east side during the summer, however the total harvest of chinook in Area 2 East is usually minimal in comparison to the amount of recreationally intercepted salmon harvested annually on the west and north coasts of the Queen Charlotte Islands.

Area 2 East is most recognised for its fall coho fisheries which occur along the shores and in key producing streams of East Skidegate Inlet, Cumsheewa Inlet, Copper Bay and Tlell. During the 2003 terminal season coho abundance was reported to be very poor by most recreational anglers. The low abundance of coho was compounded by heavy rainfall and frequent high water events making the terminal recreational season all that much more frustrating to most anglers.

### **Commercial Net**

Harvest opportunities will be toward identified chum salmon surpluses.

Anticipated net opening dates:

September 7 – Open for gillnets in portions of subareas 2-3 and 2-4 to assess the strength of chum salmon migrating into Cumsheewa Inlet.

Subsequent openings will depend on stock strength indicators.

**Commercial Net Review** – All net fishing opportunities in Area 2 East during the 2003 season were toward enhanced chum salmon in Cumsheewa Inlet.

Gillnet only opportunities to test the strength of enhanced chum salmon migrating into Cumsheewa Inlet occurred each Sunday and Monday over three weeks beginning September 7. The average catch per unit of effort at the beginning of the terminal season was very poor leading to the expectation that the enhanced terminal chum return to Cumsheewa Inlet would not be as good as anticipated. Due to the low daily catch rates and lack of packers to service the fishery the few gillnets which attended the first few openings decreased until there was no effort during the third harvest period. This is the first time since the enhancement of chum salmon began in Cumsheewa Inlet where a fishery was offered but had no participants. After September 22<sup>nd</sup> gillnet stock assessment openings were discontinued with the intention that further fishing opportunities would be based on identified surpluses.

A cost recovery fishing plan had been developed through consultations with the Haida Fisheries Program (HFP) and North Coast Advisory Board representatives. Opportunities were made available for an Area A licenced seine, designated by the HFP, to conduct a cost recovery between regular commercial net fisheries. Timing of the cost recovery opportunity was determined co-operatively between the local area manager for DFO and the Program Manager for Haida Fisheries. The cost recovery fishery was conducted with equal priority to commercial harvests up to a total of 35% of the total allowable in season catch. As a result a cost recovery harvest of only 1,261 chums occurred on September 24 & 25 by the seine vessel *Silver Dawn I*.

No further fishing opportunities were considered after the cost recovery effort confirmed there to be a very low abundance of stock in Cumsheewa Inlet.

Because the coho in Cumsheewa Inlet are of hatchery stock coho retention was allowed in all fisheries.

There were no harvest opportunities on wild stock chum salmon in Area 2 East during the 2003 season.

## **2003 Post Season Summary and Assessment**

### **Area 2 West**

#### **First Nations**

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to March 31, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

#### **Haida**

Sockeye – 500  
Coho – 250  
Pink – 0  
Chum – 0  
Chinook – 500

**FSC Review** - There were no attempts at harvesting terminal stocks for food fish in Area 2 West during the 2003 season. A local gillnet did harvest passing sockeye at Rennell Sound in late July. An attempt to harvest passing salmon stocks by seine at Rennell Sound occurred mid August but was unsuccessful. Food fish harvests by troll gear occur mostly in the West Skidegate area.

**ESSR Review** – There were no ESSR licences issues for Area 1 during 2003.

#### **Recreational (Tidal)**

Chinook salmon open January 1 to December 31. Daily limit two.

Coho salmon open January 1 to December 31 with a daily limit of four. In the tidal portion of all streams the daily limit of coho was two.

Sockeye, pink, and chum salmon open January 1 to December 31, daily limit of four.

Sockeye closed May 15 to August 15 in the waters of Fairfax Inlet shoreward of a line from Magneson Point to Reid Point.

In the tidal portion of all streams only a single barbless hook may be used.

#### **Recreational (Non-tidal)**

Coho salmon open April 1 to October 31 for four per day, only one over 50 cm.

Coho salmon closed November 1, 2003 to March 31, 2004.

Sockeye, pink, chum, and chinook salmon closed January 1 to December 31.

In the non-tidal portion of all streams only a single barbless hook may be used.

**Recreational Review** – There were 5 lodge operations set up in Port Louis, Nesto Inlet, Kano Inlet, Douglas Inlet and Tasu Sound in Area 2 West during the 2003 interception season. Preliminary estimates indicate a modest increase in the chinook harvest by approximately 9% over the 2002 season.

#### **Commercial Net**

Harvest opportunities will be toward identified chum salmon surpluses.

Anticipated net opening dates:

No gillnet or seine fisheries will be directed on passing stocks. Terminal fisheries will be directed on identified surpluses of local chum salmon stocks.

**Commercial Net Review** – There were no harvest opportunities on wild stock chum salmon in Area 2 East during the 2003 season.

**AREA 2 EAST STREAM ESCAPEMENTS - 2003**

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>TLELL SUBAREA</u>								
Tlell River	-		3,000	(25,000)	8,000	(25,000)	-	
<u>STREAM</u>	<u>SOCKEYE</u>		<u>COHO</u>		<u>PINK</u>		<u>CHUM</u>	
<u>SKIDEGATE SUBAREA</u>								
Branch 10 Creek	-		N/I		-		N/I	
Cameron Creek	-		150		N/O		400	
Carson Bigalow Creek	-		N/I		-		N/I	
Charlie Hartie Creek	-		N/O		-		250	
Crabapple Creek	-		150		-		150	
Deena River	-		6,500	(12,000)	N/O	(100,000)	9,800	(30,000)
East Narrows Creek	-		N/O		N/O		N/O	(2,500)
East Narrows Canbouy Creek	-		N/O		-		N/O	
East Narrows Dolphine Creek	-		30		-		350	
Gore Brook Creek	-		N/O		-		400	
Haans Creek	-		350	(2,500)	N/O	(5,000)	200	(2,000)
Honna River	-		600	(2,000)	N/O	(25,000)	600	(10,000)
Indian Cabin Creek	-		300		N/O		2,500	(8,000)
Indian Cabin R/H Creek	-		N/I		-		N/I	
Jarvis Creek	-		N/I		-		N/I	
Lagins Creek	-		500	(3,000)	N/O	(3,500)	5,500	(25,000)
Lagins R/H Creek	-		N/I		-		N/I	
MacMillan Creek	-		N/O		-		N/O	
Maude Island South Creek	-		N/I		-		N/I	
Mud Bay Creek	-		200		-		1,200	(3,000)
Muncord Creek	-		N/I		-		N/I	
Outlook Creek	-		N/I		-		N/I	(2,500)
Sachs Creek	-		500	(500)	N/O	(10,000)	400	(3,500)
Saltspring Creek	-		100	(250)	N/O		1,300	(2,500)
Saltspring Bay L/H Creek	-		N/I		-		N/I	
Skidegate Chan. South Creek	-		N/I		-		N/I	
Slatechuck Creek	-		1,100	(2,000)	N/O		5,000	(18,000)
Slatechuck R/H Creek	-		N/I		-		N/I	
South Bay Dump Creek	-		80		N/O		200	
South Bay Culvert Creek	-		100		N/O		N/O	
Tarundl Creek	-		500	(1,500)	N/O		1,000	(5,000)
Two Torrent Creek	-		N/O		-		100	(2,500)
<u>STREAM</u>	<u>SOCKEYE</u>		<u>COHO</u>		<u>PINK</u>		<u>CHUM</u>	
<u>COPPER SUBAREA</u>								
Blaine Creek	-		N/I		-		-	
Copper River	9,754	20,000	N/I	(15,000)	N/O	(75,000)	N/O	
Grey Bay Creeks (4)	-		N/I		-		-	
Sheldons Bay Creek	-		N/I		-		-	

Note: Although the number in brackets is not a biological escapement goal, it is to assist management in the determination of what an interim goal could be (the level of abundance which may trigger surplus harvest opportunities).

**AREA 2 EAST STREAM ESCAPEMENTS - 2003**

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>CUMSHEWA SUBAREA</u>								
Aero Creek	-		N/O		N/O		42	
Braverman Creek	-		Unk.		N/O		N/O	
Carmichael Creek	-		N/O		-		24	
Chadsey Creek	-		N/O		N/O		32	(3,500)
Mathers Creek	Unk.	(5,000)	Unk.	(8,000)	N/O	(75,000)	Unk.	(20,000)
Pallant Creek	-		3,761	(3,000)	153	(45,000)	28,936	(30,000)
Skedans Creek	-		N/I		N/I	(75,000)	-	

The Pallant Creek enhanced chinook salmon escapement is estimated at 20.

Pallant Creek escapements do not include brood stock which totalled 1,388 coho, 9,146 chum and 31 chinook.

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>SELWYN SUBAREA</u>								
Big Goose Creek	-		60	(200)	N/O	(20,000)	3,660	(7,000)
Breaker Bay Creek	-		N/I		N/I		N/I	
Clint Creek (Sewell L/H#3)	-		N/O		N/O		560	(500)
Dana #1 Creek	-		N/O		N/O		4,080	(2,500)
Dana #2 Creek	-		N/O		N/O		40	(500)
Dana #3 Creek	-		N/O		N/O		120	(1000)
Dass Creek	-		N/O		N/O		20	
George Creek (Sewell L/H#2)	-		N/O		N/O		4	
Lagoon Creek	-		600	(1,500)	N/O		23,500	(25,000)
Little Goose Creek	-		48	(150)	N/O	(5,000)	4,370	(4,000)
Pacofi Creek	-		180		N/O		1,340	(3,500)
Sewell Inlet Head Creek	-		40	(1,500)	N/O		3,200	(6,500)
Sewell Point Creek	-		N/O		N/O		40	(500)
Talunkwan Creek	-		N/O		N/O		N/O	
Thorsen Creek (Sewell L/H#1)	-		10	(200)	N/O		1,730	(2,000)
Thurston Creek	-		10		N/O		150	(2,000)
Traynor Creek	-		N/I		N/I		N/I	
Waterfall Creek	-		N/O		N/O		420	(2,000)
<u>ATLI SUBAREA</u>								
Beljay Bay Creeks (2)	-		N/O		N/O		N/O	
Moore Creek	-		N/O		N/O		N/O	(3,000)
Powrivco Creek	-		N/O		N/O		12	(5,000)
Richardson Creek	-		N/O		N/O		18	
Sandy Creek	-		30		-		320	(4,500)
Takelley Creek	-		N/O		-		N/O	
<u>DARWIN SUBAREA</u>								
Anna Inlet Creek	-		N/O		N/O	(3,000)	40	(1,500)
Crescent Creek	-		47	(1,000)	N/O	(20,000)	650	(6,500)
Echo Harbour Creek	-		N/O		N/O	(10,000)	N/O	
Kostan Creek	-		N/O		N/O		64	(1,500)
Salmon River	-		30	(750)	N/O	(25,000)	8,500	(25,000)

Note: Although the number in brackets is not a biological escapement goal, it is to assist management in the determination of what an interim goal could be (the level of abundance which may trigger surplus harvest opportunities).

**AREA 2 EAST STREAM ESCAPEMENTS - 2003**

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>JUAN PEREZ SUBAREA</u>								
Alder Island Creek	-		N/O		N/O	(10,000)	10	(5,000)
Arrow Creek	-		20	(250)	N/O		60	(2,000)
Gate Creek	-		N/I		N/I	(20,000)	N/I	
Hutton Head Creek	-		N/O		N/O	(15,000)	300	(5,000)
Hutton L/H Creek	-		N/O		N/O		120	(3,000)
Island Bay L/H Creeks	-		N/O		-		N/O	(2,500)
Island Bay R/H Creeks	-		N/O		-		N/O	(2,000)
Marker Creek	-		N/I		N/I		N/I	
Marshall Creeks (3)	-		N/O		N/O	(7,000)	50	(3,000)
Matheson L/H Creek	-		N/O		N/O	(30,000)	200	(6,000)
Matheson R/H Creek	-		10		N/O	(5,000)	74	(3,000)
Sedgwick Creek	-		N/O	(250)	N/O		250	(7,000)
Skaat Hbr. Creek (5)	-		N/O	(300)	N/O		94	(7,000)
Windy Bay Creek	-		N/I	(500)	N/I	(70,000)	N/I	
STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>SKINCUTTLE SUBAREA</u>								
Bag Harbour Creek	-		2	(1,000)	N/O	(1,500)	750	(12,000)
George Bay Creek	-		N/O	(500)	N/O	(1,000)	350	(12,000)
Harriet Harbour Creek	-		N/O		-		N/O	(6,000)
Huston Inlet Creek	-		N/O		N/O		N/O	(3,000)
Jedway Creek	-		N/O		-		N/O	(1,500)
Slim Inlet Creek	-		N/O		-		30	(1,500)
Tangle Creek	-		N/O		N/O		40	(4,000)

Note: Although the number in brackets is not a biological escapement goal, it is to assist management in the determination of what an interim goal could be (the level of abundance which may trigger surplus harvest opportunities).

**AREA 2 WEST STREAM ESCAPEMENTS - 2003**

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>ATHLOW/OTARD SUBAREA</u>								
Celestial River	-		N/O	(1,500)	N/O	(10,000)	N/O	(4,000)
Coates Creek	-		N/O	(5,000)	N/O		N/O	
Hobbs Creek	-		N/O		N/O		418	(2,000)
Mace Creek	-		60	(1,500)	10		16,600	(5,000)
Mercer Creek	2,500	(10,000)	10	(2,000)	N/O	(10,000)	6,000	(5,000)
Nesto Creek (inner)	-		N/O		N/O		800	(2,500)
Nesto Creek (outer)	-		N/I		-		N/I	
Otard Creek	-		N/I		N/I	(10,000)	N/I	
Port Louis Creek	-		N/I		-		N/I	
Steel Creek	-		N/O	(1,000)	-		220	(2,500)
<u>RENNELL SUBAREA</u>								
Bonanza Creek	-		N/I	(1,500)	N/I	(25,000)	N/I	(1,000)
Clapp Basin Creek	-		N/O		-		800	
Clonard Bay Creek	-		N/I		N/I		N/I	(1,000)
Givenchy Anchorage Creek	-		N/O		N/O		N/O	
Gregory Creek	-		N/I	(500)	N/I	(25,000)	N/I	(1,000)
Indian Bay Creek	-		N/O		N/O		400	
Kano Creek (head)	-		N/O		N/O	(20,000)	900	(4,000)
Kano Creek (outer)	-		N/O		N/O	(8,000)	N/O	(3,000)
Mountain Creek	-		100		N/O		800	(2,000)
Rennell Creek	-		10		N/O		100	(1,500)
Riley Creek	-		N/O	(2,000)	N/O	(20,000)	N/O	(4,000)
Rock Run Creek	-		N/O	(1,000)	N/O		500	(3,500)
Seal Inlet Creek	-		N/O	(1,000)	N/O	(10,000)	3,500	(6,000)
Shields Creek	-		N/O		N/O		27	
Tartu Creek (head)	-		N/O	(750)	8	(17,500)	1,050	(2,500)
Tartu Creek (outer)	-		N/O	(500)	N/O	(15,000)	1	(2,000)
Yakoun Trail Creek	-		N/O		N/O		455	(1,500)
<u>W. SKIDEGATE SUBAREA</u>								
Buck Channel Creek	-		N/O		N/O		500	
Buck Channel L/H#1 Creek	-		N/O		N/O		50	
Buck Channel L/H#2 Creek	-		N/O		-		30	
Buck Channel R/H #2 Creek	-		N/O		-		N/O	
Canoe Pass Creek	-		N/O		N/O		500	(2,000)
Dawson Harbour Creek	-		300	(300)	N/O		3,000	(3,000)
Dawson Inlet Creek	-		150	(200)	N/O		1,500	(1,000)
Government Creek	-		50	(2,000)	N/O	(36,000)	4,000	(7,500)
Trounce Creek (head)	-		N/O	(300)	N/O		1,500	(4,000)
Trounce R/H Creek	-		N/O		N/O		2,000	(3,500)
West Narrows Creek	-		N/O		N/O		200	(3,000)

Note: Although the number in brackets is not a biological escapement goal, it is to assist management in the determination of what an interim goal could be (the level of abundance which may trigger surplus harvest opportunities).

**AREA 2 WEST STREAM ESCAPEMENTS - 2003**

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>ENGLEFIELD SUBAREA</u>								
Boomchain Bay Creek	-		50		N/O		10	
Bottle Inlet Creek	-		100	(200)	N/O		1,000	(2,000)
Douglas Inlet Creek (head)	-		N/I		N/I		N/I	
Douglas Inlet R/H Creek	-		N/I		N/I		N/I	(1,000)
Inskip Creek	-		N/O		N/O	(10,000)	400	(1,500)
Kaisun Creek	-		100	(500)	N/O	(30,000)	N/O	(1,500)
Kootenay Inlet Creek (north)	-		250	(500)	N/O		1,000	(5,000)
Kootenay Inlet Creek (south)	-		N/O	(500)	N/O		1,800	(5,000)
MacKenzie Cove Creek	-		N/I	(500)	N/I	(20,000)	N/I	(2,000)
Mitchell Inlet spillway (Gold Hbr.)	-		-		N/O		1,500	(4,000)
Mudge Creek	-		N/O		-		600	(1,000)
Peel Inlet Creek (head)	-		60	(200)	N/O		1,600	(3,500)
Peel Inlet L/H #1 Creek	-		10		N/O		220	(1,500)
Peel Inlet L/H #2 Creek	-		50	(200)	N/O		3,000	(3,500)
Security Inlet L/H Creek	-		120	(2,000)	N/O	(40,000)	5,500	(15,000)
Security Inlet R/H Creek	-		120	(1,000)	2	(20,000)	1,200	(5,000)
STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>TASU SUBAREA</u>								
Botany Inlet Creek (head)	-		50	(300)	N/O		3,000	(5,000)
Botany Inlet Creek (outer)	-		20		N/O		3,000	(4,000)
Edwards Creek	-		N/I		-		N/I	
Fairfax Inlet Creek	Unk.	2,000	N/O	(1,000)	N/O		1,500	(3,000)
Flat Creek	-		500		N/O		200	(2,000)
Lomgon Creek	-		N/I		N/I		N/I	
Tasu Creek	-		600	(1,000)	4	(2,000)	2,500	(10,000)
Wilson Bay Creek	-		N/O		-		100	(2,000)
STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>SOUTH SUBAREA</u>								
Flamingo Inlet Creek	-		N/O		N/O		N/O	
Louscoone Inlet Creek (outer)	-		N/O		N/O		N/O	
Louscoone Inlet Creek	-		4		N/O		60	
Sperm Bay Creek	-		N/O		N/O		N/O	
Staki Creek	-		N/O		-		N/O	

Note: Although the number in brackets is not a biological escapement goal, it is to assist management in the determination of what an interim goal could be (the level of abundance which may trigger surplus harvest opportunities).

**Queen Charlotte Islands Commercial Net Catch Summary, 2003**

**AREA 2 EAST**

**Gillnets: Cumshewa Inlet**

Date	# of gillnets	sockeye	coho	pink	chum	chinook
Sept. 7	11	0	117	0	1,088	0
Sept. 8	11	0	105	2	1,224	0
Sept. 14	7	0	105	0	1,474	0
Sept. 15	7	0	88	0	1,409	0
Sept. 21	0	0	0	0	0	0
Sept. 22	0	0	0	0	0	0
Totals:		0	415	2	5,195	0

**Seines: Cumshewa Inlet**

Date	# of seines	sockeye	coho	pink	chum	chinook
Sept. 7	N/A	-	-	-	-	-
Sept. 8	N/A	-	-	-	-	-
Sept. 14	N/A	-	-	-	-	-
Sept. 15	N/A	-	-	-	-	-
Sept. 21	N/A	-	-	-	-	-
Sept. 22	N/A	-	-	-	-	-
Totals:		0	0	0	-	0

Area 2E Com. Catch:	0	415	2	5,195	0
Hatchery cost recovery	0	20	0	1,261	0
Area 2E Total Catch:	0	435	2	6,456	0

Sept. 25 1,261 chum and 20 coho harvested by seine as cost recovery for the Pallant Creek Hatchery.

**AREA 2 WEST**

No net fishery opportunities throughout the 2003 terminal salmon season.

**Queen Charlotte Islands Food, Social, & Ceremonial Fishery Catch Summary - 2003**

Area	Location	Period	Sockeye	Coho	Pink	Chum	Chinook	Comments
2 East	Copper River	June	3965	0	0	0	0	gillnet terminal sockeye
	Skidegate Inlet	early Sept. to mid Oct.	0	50	0	0	0	terminal sportfish
Area 2 East Total Catch			3965	50	0	0	0	
2 West	Rennell Sound	July	500	0	0	0	0	interception gillnet
	West Skidegate	early June to Sept.	0	250	0	0	500	interception troll/sportfish
Area 2 West Total Catch			500	250	0	0	500	

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Total QCI Food, Social & Ceremonial Harvests	17073	1300	3000	150	2530	
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Catch information for terminal sockeye has been provided by the Haida Fisheries Program.

Interception catch information is based on a variety of information sources and is only an estimate.



## **AREA 3**

### **FIRST NATIONS**

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to May 15, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

#### **Nisga'a (Area 3, Nass River)**

The Nisga'a Treaty is now in effect, and the Nisga'a Annual Fishing Plan is available at the Nisga'a Lisims Government website.

#### **Gitanyow (Nass River)**

Sockeye – 6,000  
Pink - 185  
Coho - 500  
Chum - 25  
Chinook - 620

#### **Tsimshian Bands (Totals for Areas 3, 4, and 5)**

Sockeye – 80,000  
Pink - 5,000  
Coho - 2,500  
Chum - 2,000  
Chinook 6,000

If a surplus of sockeye develops at the Meziadin Fishway, an ESSR fishery will be considered. Sharing arrangements between the Nisga'a and Gitanyow for any ESSR fishery may be dependant on a mutually agreed to sharing and harvest agreement between First nations.

### **RECREATIONAL**

**Chinook** salmon open Jan. 1 – Dec. 31. Daily limit two.  
**Sockeye, Pink, and Chum** salmon open Jan. 1 to Dec. 31. Daily limit four.  
**Coho salmon** open Jan. 01 – Dec. 31. Daily limit four.

### **Commercial Net Fishing Summary**

The net fishery was planned in anticipation of Nass sockeye returns to Canada of between 500,000 to 900,000 and pink returns of 2.5 million. Fishing would have to be consistent with the Nisga'a Treaty, the Pacific Salmon Treaty, allocation issues and conservation issues for Skeena coho, Area 3 chinook, steelhead and north coast chum. Some of the restrictions put into place to deal with these commitments were, closure of outside areas, daylight only fisheries, non-retention coho & steelhead for both gear types, mandatory brailing for seines, non-retention chinook & chum for seines and a request to release all live chinook & chum for gillnets.

The first sockeye gillnet opening began June 10. Catches were strong and remained that way for the duration of the season. The first Seine opening was July 14. Fishing for seines was average for both sockeye and pink throughout the season. Chum returns were poor as forecasts. The seine non-retention of chum and gillnet mesh size restrictions remained in place all season. Area 3 coho returns were strong and retention was allowed for the last 4 days of seine fishing for a catch of 7700. Gillnet fishing closed for the season on Aug 5. The last seine fishery took place Aug. 22.

The largest number of gillnets operating in Area 3 occurred July 4 and 5 with 426 vessels. The total number of openings was 26 for 3417 gillnet boat days compared to the last 10 year average of 29 openings and 2888 boat days. The peak seine fleet operating in Area 3 was on July 15 with 31 vessels. The total number of openings was 24 for 210 seine boat days compared to the last 10 year average of 19 openings and 983 boat days. The total Area 3 hauled net catch was 427,849 sockeye and approx. 2 million pinks. These compares to the 10 year average catch of 530,000 sockeye and 2.4 million pink 5 odd year ave.

**AREA 3 COMMERCIAL GILLNET CATCHES**

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T	10-Jun	265	16	177	19080	0	0	1060	852
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	265	16	177	19080	0	0	1060	852
	TTD	265	16	177	19080	0	0	1060	852

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	16-Jun	353	16	235	19409	0	0	848	546
T	17-Jun	221	16	147	2210	0	0	319	107
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	574	32	383	21619	0	0	1167	653
	TTD	839	48	559	40699	0	0	2227	1505

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	23-Jun	357	16	238	22451	0	1023	1237	541
T	24-Jun	357	16	238	19712	0	2094	1607	250
W				0					
Th				0					
Fr				0					
Sat	28-Jun	357	16	238	25175	0	5794	2401	255
Sun				0					
	TFW	1071	48	714	67338	0	8911	5245	1046
	TTD	1910	96	1273	108037	0	8911	7472	2551

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	30-Jun	346	16	231	33294	0	17250	2578	368
T	01-Jul	203	16	135	15907	0	17570	2162	122
W				0					
Th				0					
Fr	04-Jul	426	16	284	31363	0	48100	3397	157
Sat	05-Jul	426	16	284	26794	0	49113	3816	139
Sun				0					
	TFW	1401	64	934	107358	0	132033	11953	786

	TTD	3311	160	2207	215395	0	140944	19425	3337
								CHUM-K	CHIN-K
	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K		
M	07-Jul	149	16	99.3	14442	0	12151	970	65
T	08-Jul	243	16	162	11883	0	19766	1469	61
W				0					
Th	10-Jul	295	16	197	19784	0	30149	2003	90
Fr				0					
Sat				0					
Sun				0					
	TFW	687	48	458	46109	0	62066	4442	216
	TTD	3998	208	2665	261504	0	203010	23867	3553
								CHUM-K	CHIN-K
	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K		
M	14-Jul	61	16	40.7	8362	0	16456	503	49
T				0					
W				0					
Th	17-Jul	38	16	25.3	7747	0	16577	325	19
Fr	18-Jul	33	16	22	3590	0	12359	217	19
Sat				0					
Sun				0					
	TFW	132	48	88	19699	0	45392	1045	87
	TTD	4130	256	2753	281203	0	248402	24912	3640
								CHUM-K	CHIN-K
	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K		
M				0					
T	22-Jul	180	15	113	10760	0	27476	2514	50
W	23-Jul	58	15	36.3	4123	0	15847	1051	21
Th				0					
Fr	25-Jul	132	15	82.5	8854	0	36944	176	27
Sat				0					
Sun				0					
	TFW	370	45	231	23737	0	80267	3741	98
	TTD	4500	301	2985	304940	0	328669	28653	3738
								CHUM-K	CHIN-K
	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K		
M	28-Jul	124	15	77.5	8618	0	23122	1139	14
T	29-Jul	117	15	73.1	5580	0	15924	769	8
W				0					
Th	31-Jul	126	15	78.8	7388	0	24396	1224	32
Fr	01-Aug	84	15	52.5	3944	0	27804	1279	16
Sat				0					
Sun				0					
	TFW	451	60	282	25530	0	91246	4411	70

	TTD	4951	361	3266	330470	0	419915	33064	3808
								CHUM-	CHIN-
	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	K	K
M	04-Aug	33	15	20.6	4669	0	14145	1145	31
T	05-Aug	33	15	20.6	2895	0	8948	92	0
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	5468	451	3590	7564	0	534254	38712	3909
	TTD	10419	812	6856	338034	0	954169	71776	7717

**AREA 3 COMMERCIAL SEINE CATCHES**

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	14-Jul	30	16	20	5791	0	147184	0	0
T	15-Jul	31	16	20.667	2358	0	114365	0	0
W									
Th	17-Jul	15	16	10	2358	0	114365	0	0
Fr	18-Jul	18	16	12	1858	0	65226	0	0
Sat				0					
Sun									
	TFW	94	64	62.667	12365	0	441140	0	0
	TTD	94	64	62.667	12365	0	441140	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	21-Jul	25	16	16.667	4393	0	121380	0	0
T	22-Jul	29	16	19.333	6015	0	98910	0	0
W				0					
Th	24-Jul	13	15	8.125	2746	0	70966	0	0
Fr	25-Jul	25	15	15.625	2987	0	66153	0	0
Sat				0					
Sun				0					
	TFW	92	62	59.75	16141	0	357409	0	0
	TTD	186	126	122.42	28506	0	798549	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	28-Jul	21	15	13.125	4592	0	64611	0	0
T	29-Jul	22	15	13.75	3841	0	89459	0	0
W				0					
Th	31-Jul	7	15	4.375	1746	0	45726	0	0
Fr	01-Aug	10	15	6.25	1462	0	45261	0	0
Sat				0					
Sun				0					
	TFW	60	60	37.5	11641	0	245057	0	0
	TTD	246	186	159.92	40147	0	1043606	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	8	15	5	1858	0	47382	0	0
T	05-Aug	7	15	4.375	2295	0	49486	0	0
W				0					
Th	07-Aug	4	15	2.5	1069	0	22186	0	0

Fr	08-Aug	7	15	4.375	1047	0	24903	0	0
Sat				0					
Sun				0					
	TFW	26	60	16.25	6269	0	143957	0	0
	TTD	272	246	176.17	46416	0	1187563	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	11-Aug	8	15	5	1024	0	32395	0	0
T	12-Aug	6	15	3.75	554	0	21555	0	0
W				0					
Th	14-Aug	8	15	5	610	0	21200	0	0
Fr	15-Aug	5	15	3.125	761	0	24273	0	0
Sat				0					
Sun									
	TFW	27	60	16.875	2949	0	99423	0	0
	TTD	299	306	193.04	49365	0	1286986	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	18-Aug	10	13	5.4167	536	2962	41290	0	0
T	19-Aug	11	13	5.9583	987	2411	36826	0	0
W				0					
Th				0					
Fr				0					
Sat				0					
Sun									
	TFW	21	26	11.375	1523	5373	78116	0	0
	TTD	320	332	204.42	50888	5373	1365102	0	0

### 3. Excess To Salmon Spawning Requirements (ESSR) Fishery Summary

#### Nass and Skeena

No ESSR sockeye opportunities were identified on the Skeena River for the 2003 season, with the exception of a Jack sockeye harvest at the Babine Fence. Sockeye escapements to the Nass River did exceed spawning requirements at Meziadin. No ESSR opportunities proceeded at this location for 2003. A license for an ESSR harvest of pink salmon was issued to the Wet'suwet'en in Moricetown Canyon. Escapement surpluses to the Bulkley River past Moricetown were determined by visibly monitoring fish passage at the Moricetown Fishway.

Allocations and fishing regimes for ESSR fisheries were negotiated in advance of the season and formal allocation agreements were drawn up. All harvesting activities in this fishery have to be conducted by selective means as a conservation measure to protect weaker non-target species (coho and steelhead). Details of the fishery were as follows:

<u>Tribal Group</u>	<u>Allocation</u>	<u>Fishing Area &amp; Gear</u>
Tsimshian Tribal Council	0 Sox	Skeena River (Mowitch Pt. Lorne Creek). Harvest method: dipnet, beach Seine, fishwheel or weir.
Kiselas Band	0 Sox	Fishwheel.
Gitksan Wet'sutwet'en	0 Sox	Skeena & Babine River (Lorne Creek to Kitsegas) Harvest method: traps, beach seines, fishwheel,
		Dip nets
Wet'suwet'en	8000 Pink	Moricetown Canyon. Harvest Method: Dipnet
Babine Lake First Nations	20,000 Sox (jacks)	Babine R. Counting Fence, Fulton & Pinkut River (mouth). Harvest method: seine, beach seine and dipnet.
SFC	0	Fulton & Pinkut River (mouth)
Nisga'a	0	Mainstem Nass near Canyon City
Gitanyow	0	Meziadin and mainstem Nass

A summary of ESSR catches are as follows:

<u>Tribal Group</u>	<u>Sockeye</u>	<u>Pink</u>
Tsimshian Tribal Council	0	
Kitselas Band	0	
Gitksan Wet'suwet'en	0	7,736 Bulkley R.

	Sockeye	Pink
Babine Lake First Nations	9,103 (jacks)	0
Skeena Fisheries Commission	0	0
Nisga'a	0	
Gitanyow	0	

The Wet'suwet'en utilised dipnets to harvest their allocation of pink salmon at Moricetown canyon.

#### 4. Native Food, Social and Ceremonial Fishery Summary

### AREA 3

There are three Tribal groups that fish for Food, Social and Ceremonial purposes in Area 3 or the Nass River. These are:

- a) Tsimshian - Lax Kwalaams (Port Simpson).
- b) The Nisga'a Lisims Government - Kincolith, Greenville, Canyon City and Aiyansh.
- c) The Gitanyow - Member band Kitwancool.

### AREAS 4 & 5

There are six Tribal Groups that fish for Food, Social and Ceremonial purposes in Area 4 or the Skeena River. These are:

- a) The Tsimshian - Member bands are Lax Kwalaams (Port Simpson), Metlakata, Kitkatla, Kitsumkalum and Kitselas.
- b) Gitksan Wet'suwet'en (GWWA) - This group is generally split up into Lower Skeena, Upper Skeena, Moricetown and Gitanyow Bands.
- c) Babine Lake First Nations - The main bands associated with this group are Lake Babine, Fort Babine and Burns Lake.
- d) Nisga'a - Member bands are Canyon City, Aiyansh, Greenville and Kincolith.
- e) Gitanyow - Member band Kitwancool
- f) Carrier Sekani - The two bands involved are Takla Lake, and Yekooche.

Fishing activities were conducted in much the same fashion and locations as in past years. All bands were licensed to fish through a communal fishing license and specific allocations of each salmon species were mutually agreed to. All bands were responsible for designating fishers as well as gathering and reporting catch information to DFO.

## **AREA 6**

There are 3 native bands that fish for food, social, and ceremonial purposes within Area 6.

**Hartley Bay Band** - Members of this band fish Douglas Channel adjacent to Hartley Bay, Laredo Channel, and Campania Sound. The Hartley Bay Band. FSC salmon are negotiated and agreed to by the Band. Each Band is responsible for issuing designations to their members. Catch information is collected by each band and forwarded to the tribal council in Prince Rupert who then reports to DFO.

**Kitasoo Band**- This band is located in Area 7 at Klemtu. Band members conduct food fishing in Laredo, West Higgins, Fraser/Graham, and Kitasoo Bay. This band issues FSC designations to its members.

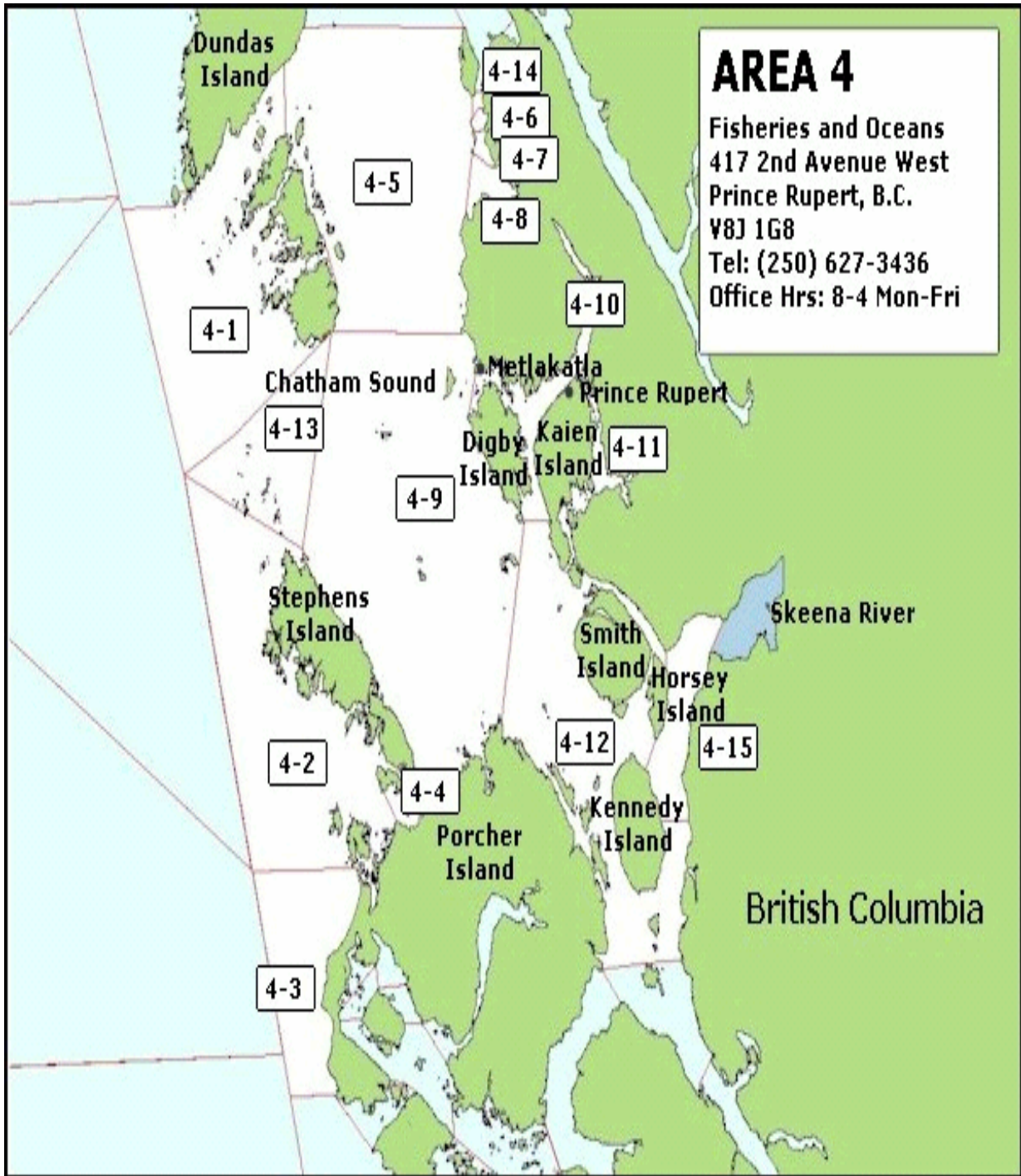
**Kitimatt Band** - Members of this band fish in Kitimat Arm and Douglas Channel, Verney Pass and Gardner Canal. Fishing for chum and chinook is concentrated in the Kitimat Arm area in the vicinity of the village. Fishing for sockeye is concentrated in the Kitlope, as well as Fishtrap and Danube Bay. Coho are harvested in the Kitimat Arm and Kildala Arm areas as well as the Paril River. Monitoring of the FSC fishery is conducted by the Haisla Fisheries Program. Catch information is forwarded to DFO.

AREA 3 2003 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 25/03

Location	Stream Name	Sockeye	Coho	Pink	Chum	Chinook	
COASTAL	AMERICAN BAY CREEK		N.I.	N.I.			
	BOAT HARBOUR CREEK			N.I.			
	BRUNDIGE CREEK		N.I.	1000	N.O.		
	BRUNDIGE CREEK WEST			N.O.	N.O.		
	SANDY BAY CREEK		N. I.	3500	N.O.		
	STUMAUN CREEK			30000			
	TRACY BAY #2 CREEK			600			
	TRACY CREEK			1100			
	WHITLY POINT CREEK			1000			
NASS RIVER	ANSEDAGAN CREEK*		206	N.I.	N.I.		
	BURTON CREEK			6500	N.O.		
	CHAMBERS CREEK		N.I.	15000	N.I.	N.I.	
	DAMDOCHAX RIVER AND LAKE	UNK	N.I.			1971	
	DISKANGIEG CREEK*		2080				
	FLEWIN CREEK			UNK			
	GINGIT CREEK*	2606	N.I.	N.I.	N.I.		
	GINLULAK CREEK*		340	N.I.	N.I.		
	IKNOUK RIVER		1500	0	N.I.	UNK	
	KINCOLITH RIVER			7000		450	
	KWINAGEESE RIVER	N.I.	N.I.			1886	
	MEZIADIN RIVER AND LAKE	196852	3907	4		479	
	UPPER NASS UNACCOUNTED	64230	6375	7	UNK	UNK	21741
	WELDA CREEK			600			
	ZOLZAP CREEK	N.I.	2695	N.I.	N.I.	N.I.	
OBSERVATORY INLET	ILLIANCE RIVER		N.I.	UNK	UNK		
	KITSAULT RIVER		N.I.	UNK	UNK	UNK	
	KSHWAN RIVER		UNK	UNK	5000		
	SALMON COVE CREEK*		175	2000			
	STAGOO CREEK		N.I.	23000	0	3000	
PORTLAND CANAL	WILAUKS CREEK		N.I.	UNK	UNK		
	BELLE BAY CREEK		N.I.	3000			
	DOGFISH BAY CREEK		N.I.	9000	UNK		
	DONAHUE CREEK		N.I.	3000	UNK		
	GEORGIE RIVER		N.I.	UNK	N.I.	N.I.	
PORTLAND INLET	ROBERSON CREEK		N.I.	15	UNK		
	CEDAR CREEK			2300			
	CRAG CREEK			3400			
	CROW LAGOON CREEK			320			
	KHUTZEYMATEEN RIVER		2600	0	2000	150	
	KWINAMASS RIVER		UNK	10000	0	UNK	450

	LARCH CREEK		2500		
	LIZARD CREEK		4000		
	MANZANITA COVE CREEK		1257		
	MOUSE CREEK		22500		
	PIRATE COVE CREEK		1010		
	TSAMSPANAKNOK BAY CREEK		3250	2	
WORK CHANNEL					
	ENSHESHESE RIVER	1500	15000	500	N.I.
	TOON RIVER	UNK	30000	2500	
	AREA 3 TOTAL	263688	78760	841856	40002 27127

\* COHO PEAK COUNTS NOT ESTIMATES



## **AREA 4**

### **FIRST NATIONS**

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to May 15, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

Fishers are encouraged to fish selectively, and are encouraged to release live coho in areas where stocks are not completely rebuilt, particularly in the Skeena River.

### **Tsimshian Bands (Totals for Areas 3, 4, 5, and Skeena River)**

Sockeye -80,000  
Pink -5,000  
Coho - 2,500  
Chum -2,000  
Chinook - 6,000

### **Gitksan (Skeena River) and Wet'suwet'en (Bulkley River)**

Sockeye - 100,000  
Pink - 25,000  
Coho - 2,500  
Chum - 500  
Chinook - 10,000

### **Babine Lake First Nation (Babine Lake and Area)**

Sockeye - 35,000  
Pink - 1000  
Coho - 100  
Chum - 0  
Chinook - 100

### **Yekooche (Babine Area)**

Sockeye - 2,000  
Pink - 0  
Coho - 0  
Chum - 0  
Chinook - 0

### **Takla First Nation (Bear/Sustut)**

Sockeye - 1,050  
Pink - 0  
Coho - 0  
Chum - 0  
Chinook - 550

### **ESSR Fishery Management**

Excess Salmon to Spawning Requirements Fishery Management (Sockeye)

For Skeena River sockeye and pink salmon pilot sales (ESSR) fisheries, all harvest for sale purposes will be by selective means, with live release of all non-target species.

For Skeena River sockeye, a surplus will not be declared in-river below the Babine River confluence.

In past years, due to the difference in stock mixes in different parts of the river, the Skeena River ESSR fishery has been separated into an “A” fishery and a “B” fishery. The “A” fishery management actions were based on the stock mix found from the mouth of the Skeena River to the confluence with the Babine River. The “B” fishery management actions were based on the stock mix found once the sockeye enter the Babine River system. Due to the weak sockeye stocks found below the Babine River confluence, there will be no ESSR surplus fishery conducted in the Skeena river below the Babine.

### **Conduct of the ESSR Fishery**

Once the sockeye return has moved into the Babine River, many of the weaker wild stocks have moved into their natal streams to spawn, and an ESSR fishery may be conducted. This is still a mixed stock sockeye fishery, but to a lesser degree than downstream. Surpluses in Babine Lake immediately in front of the two spawning channels at Pinkut Creek and Fulton River are not mixed-stock, and can be harvested at a much higher exploitation rate. These Babine River and Lake surpluses will be managed as follows.

In the Babine River: When a commercial fishery is conducted at the mouth of the Skeena, and a surplus to spawning requirements enters the river, then a surplus may be declared in the Babine River and Lake. The surplus amount will be half of the estimated overage. This surplus will be split in half again, and half will be available to the GWWA, to be harvested in the Babine River, while the other half will be available to the LBFN, to be harvested at the Babine Fence or spawning facilities.

In Babine lake: Lake harvest takes place immediately in front of the Pinkut and Fulton spawning facilities. Amounts specified for harvest will be determined in close liaison with Pinkut Creek and Fulton River hatchery managers to ensure enough sockeye are available to stock the channels.

If the sockeye run is below the requirements to trigger a commercial fishery, then no ESSR fishery will occur in-river. A lake fishery could occur in front of the spawning channels if a surplus develops and is identified.

### **RECREATIONAL**

**Chinook** salmon open Jan. 1 – Dec. 31. Daily limit two.

**Sockeye, Pink, and Chum** salmon open Jan. 1 to Dec. 31. Daily limit four.

**Coho** salmon open Jan. 01 to Dec. 31. Daily limit four.

The waters downstream of a tidal boundary sign at the water line crossing on Shawatlan Creek to the fishing boundary signs at the mouth of Shawatlan Bar are closed to all finfish (no angling allowed) July 15 – Aug. 15.

The waters from a fishing boundary sign at the mouth of Kloiya Creek to the fishing boundary sign at the mouth of Kloiya Bay are closed to all finfish (no angling allowed) Aug. 1 – Sept. 1.

### **COMMERCIAL NET**

The chinook gillnet fisheries took place on June 19/20 and 26/27. The first fishery was for 30 hours and had 140 vessels operating for a catch of 2900. The second fishery was for 18 hours and had 111 vessels operating for a catch of 1200. Total catch was 4100 chinook.

The Area 4 sockeye and pink net fishery was planned in anticipation of poor returns of Skeena sockeye, 600,000 to 1.7 million and moderate pink returns of 3 million. Fishing would have to be consistent with allocation and escapement goals for coho, steelhead, non-enhanced sockeye, chinook & chum. Some of the

restrictions in place to attain these goals were, area closures, harvest rate limitations, daylight only fisheries, non-retention coho & steelhead for both gear types, mandatory brailing for seines, non-retention chinook & chum for seines, on board observers, half-length gillnets nets and 20 minute sets.

The first full length sockeye gillnet fishery occurred July 01 and continued until July 18<sup>th</sup> for a total of 6 openings. Between July 23 and August 05 five half length short set gillnet fisheries took place consistent with coho conservation objectives. Total gillnet sockeye catch for the full net fishery was 258,284 and 119,896 for the short net fishery.

The first seine fishery occurred July 17 in the outside areas. The first inside seine fishery was July 31. The seine fishery continued until August 19. Ten seine fisheries occurred with the inside area( Smith & River, Gap, Slough) open and five with just the outside areas open. Catches for seines in Area 4 were at best moderate resulting in low effort levels all year.

The largest number of gillnets operating in Area 4 occurred July 13 with 517 vessels. Total number of openings for gillnets was 11 for 2484 gillnet boat days compared to the last 10 year average of 17 openings and 6900 boat days. The peak seine fleet operating in Area 4 was 36, which occurred on July 31. The total number of openings for seines was 15 with 118 boat days compared to the last 10 year average of 13 openings and 326 seine boat days. The total Area 4 hauled net catch was 453,915 sockeye and approx. 900,000 pink. This compares to the last 10 year average catch of 1.25 million sockeye and the last 5 odd year catch average of 730,000 pink.

**FSC CATCH FIRST NATIONS  
SKEENA  
2003**

	<b>Sockeye</b>	<b>Coho</b>	<b>Pink</b>	<b>Chum</b>	<b>Chinook</b>
<b>Tsimshian Bands</b>	<b>30,285</b>	<b>2,177</b>	<b>2,989</b>	<b>290</b>	<b>2,820</b>
<b>Gitksan/Wet'suwet'en</b>	<b>65,069</b>	<b>1,349</b>	<b>11,418</b>	<b>133</b>	<b>8,408</b>
<b>Lake Babine First Nation</b>	<b>32,000</b>				
<b>Takla Lake</b>	<b>1,954</b>				<b>199</b>
<b>TOTAL</b>	<b>129,308</b>	<b>3,526</b>	<b>14,407</b>	<b>423</b>	<b>11,427</b>

**Note**

The Tsimshian catch information is incomplete and only represents a portion of the actual catch.

This catch information is currently preliminary and may be updated at any time.

**WET'SUWET'EN PINK ESSR HARVEST 2003  
MORICETOWN CANYON**

<b>09-Aug</b>	96
<b>10-Aug</b>	170
<b>11-Aug</b>	72
<b>12-Aug</b>	480
<b>13-Aug</b>	160
<b>14-Aug</b>	148
<b>15-Aug</b>	204
<b>16-Aug</b>	155
<b>17-Aug</b>	88
<b>18-Aug</b>	140
<b>19-Aug</b>	82
<b>20-Aug</b>	1781
<b>21-Aug</b>	1560
<b>22-Aug</b>	1803
<b>23-Aug</b>	0
<b>24-Aug</b>	0
<b>25-Aug</b>	115
<b>26-Aug</b>	73
<b>27-Aug</b>	143
<b>28-Aug</b>	165
<b>29-Aug</b>	174
<b>30-Aug</b>	97
<b>31-Aug</b>	30

**7736**

**Babine Spawning Channel Operations - 2003**  
**Colin Harrison, Babine Development Project Manager**  
**and**  
**Bruce Shepherd, North Coast Area Habitat & Enhancement Chief**

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**Project Description** - The Babine Development Project began in 1962. Its objective was to increase sockeye production by releasing 100 million or more fry into underutilized rearing capacity in Babine Lake, theoretically boosting smolt output by 30 million smolts and returns by 1.25 million adults of which 1.0 million could be harvested.

The project currently consists of three spawning channels, a mothballed hatchery, and associated river flow control works and spawner/fry enumeration fences on two tributaries to Babine Lake:

- **Fulton River Facility** – two spawning channels, the first being a smaller (10,000 m<sup>2</sup>) pilot channel (#1, which began operation in 1965) followed by the main (73,100 m<sup>2</sup>) production channel (#2, beginning in 1969 and completed in 1971). A small hatchery was added in the late 1970s to conduct work on chinook, and was used more recently to assist with Upper Skeena coho conservation concerns (Morrison River stock).
- **Pinkut Creek Facility** – the spawning channel (33,400 m<sup>2</sup>) began operation in 1968. Starting in 1973, spawning capacity was augmented by airlifting surplus adults above a set of falls on Pinkut Creek (26,700 m<sup>2</sup> of natural spawning grounds)

**Production Overview** – Last spring's combined outmigration of enhanced sockeye fry from the three channels plus the airlift exceeded the 100 million target by over 146%.

In comparison, total enhanced fry outputs were over 175 million in 2002, 105 million in 2001, and 52 million in 2000. However, egg-fry survivals were a puzzling mix of good news and bad news that some very experienced staff are at a loss to explain.

At Fulton, the recently renovated Channel #2 produced a disappointingly low egg-fry survival rate of 28%, only marginally better than the river rate of 21% and well below the target value of 50%. Aside from some unusual initial reluctance of spawners to enter Channel #2 in 2002, all other indicators had forecasted much higher fry production. A fry subsampling trap was installed on Fulton Channel #1, allowing evaluation of its performance for the first time in many years. Not surprisingly the channel's egg-fry survival rate of 22% was similar to the 21% for the river; this channel needs major renovation to perform better than natural river conditions.

Conversely at Pinkut, egg-fry survival from the newly renovated channel was surprisingly high at 93%, and the creek also was high at 27%.

Last fall, spawner targets for the two major channels at Fulton and Pinkut were met without difficulty. Unlike the previous year, adults entered Fulton Channel #2 without hesitation. Both sites had "reserves" of downstream fish to draw upon, which were not required due to low incidence of pre-spawning mortalities. Although ICH and Loma were found by sampling crews, they did not reach levels of concern.

At Pinkut, the numbers of adults airlifted to the upper sections of Pinkut Creek were held at 27,000. The 40,000 target for the airlift was reduced to 27,000 on the basis on information indicating that fry production is optimised at that level.

This year's potential production from Fulton should benefit from high proportions of both females and larger Age 5<sub>2</sub> fish. A record 709 million eggs were deposited in the Fulton system above the fence in 2003. All other factors, such as low pre-spawning mortalities and egg retentions, and incidence of diseases and parasites, appear favourable.

Confidence in forecasts, however, has been somewhat shaken by the results of 2003....

Facility	Species	Brood Yr	Stock/ Location	Target**	Lifestage	Achieved	Lifestage	% of Target	Comments
									(PSM = Pre-Spawning Mortality of females)
<b>Fulton Spawning Channels</b>	Sockeye	2002	Channel #1	15,000,000	fry	1,500,000	fry	10%	22% E-F survival achieved, vs 15/50% targets
			Channel #2	87,000,000	fry	52,400,000	fry	60%	28% E-F survival achieved, vs 50% target
			Fulton R above fence	45,000,000	fry	54,800,000	fry	122%	21% E-F survival achieved, vs 15% target
		2003	Channel #1	20,000	spawners	17,300	spawners	87%	56% female, 6% jacks, 66% Age 5
			Channel #2	116,000	spawners	110,100	spawners	95%	60% female, 9% jacks, 75% Age 5
			Fulton R above fence	200,000	spawners	309,000	spawners	155%	60% female, 6% jacks, 67% Age 5
			Fulton R below fence	45,000	spawners	100,000	spawners	222%	n/a, assumed similar to river above fence
			Channel #1	30,000,000	eggs	26,400,000	eggs	88%	3102 eggs/F, 7% PSM, 6% egg retention
			Channel #2	174,000,000	eggs	195,000,000	eggs	112%	3123 eggs/F, 5% PSM, 1% egg retention
			Fulton River	300,000,000	eggs	487,600,000	eggs	163%	2984 eggs/F, 6% PSM, 6% egg retention
<b>Pinkut Spawning Channel</b>	Sockeye	2002	Channel	43,500,000	fry	84,828,000	fry	195%	93% Egg-Fry survival (E-F)
			Upper Pinkut Cr (airlift)	9,000,000	fry	0	fry	0%	*no air lift of adults in 2002 - insufficient returns
			Pinkut Cr above fence	5,700,000	fry	7,746,000	fry	136%	only 53% of combined creek target; 27% E-F
		2003	Channel	58,000	spawners	65,459	spawners	113%	45% female, 8% jacks, 52% Age 5
			Upper Pinkut Cr (airlift)	40,000	spawners	27,191	spawners	68%	insufficient early surplus (too ripe); 4% jacks
			Pinkut Cr above fence	25,000	spawners	28,617	spawners	114%	45% female, 4% jacks, 52% Age 5
			Pinkut Cr below fence	5,000	spawners	50,000	spawners	1000%	statistics per creek above fence
			Channel	87,000,000	eggs	81,550,000	eggs	94%	2816 eggs/F, 2.0% PSM, 0.9% egg retention
			Upper Pinkut Cr (airlift)	60,000,000	eggs	35,000,000	eggs	58%	2791 eggs/F, 0.0% PSM, 0.4% egg retention
			Pinkut Cr above fence	38,000,000	eggs	32,400,000	eggs	85%	2836 eggs/F, 6.3% PSM, 5.4% egg retention

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Pinkut Cr below fence      7,500,000    eggs      12,500,000    eggs      167%      only 5000 females used for deposition estimate\*\*\*

NOTES:

- \*\* Original target of Babine Development Project was to release 100M sockeye fry to Babine Lake (enhanced production in the spring of 2002 was approx 184M fry)  
Targets provided here adjusted in 2001 to reflect most current information available
- \*\*\* Egg production below Pinkut fence normally has been estimated from max of 5,000 females due to wave spawning; no actual fry output data available

**AREA 4 COMMERCIAL GILLNET CATCHES**

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	19-Jun	140	30	175	83	0	0	0	2900
Fr				0					
Sat				0					
Sun				0					
	TFW	140	30	175	83	0	0	0	2900
	TTD	140	30	175	83	0	0	0	2900

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	26-Jun	111	18	83.3	277	0	0	0	1200
Fr				0					
Sat				0					
Sun				0					
	TFW	111	18	83	277	0	0	0	1200
	TTD	251	48	258	360	0	0	0	4100

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T	01-Jul	212	16	141	11209	0	1296	181	223
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	212	16	141	11209	0	1296	181	223
	TTD	463	64	400	11569	0	1296	181	4323

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	07-Jul	382	16	255	38628	0	2179	544	417
T				0					
W				0					
Th				0					
Fr				0					
Sat				0					
Sun	13-Jul	517	16	345	66837	0	11750	831	585
	TFW	899	32	599	105465	0	13929	1375	1002
	TTD	1362	96	999	117034	0	15225	1556	5325

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	14-Jul	456	16	304	32812	0	9780	725	221

T					0				
W					0				
Th	17-Jul	479	16	319	68106	0	18996	1227	212
Fr	18-Jul	493	16	329	42796	0	28439	1298	229
Sat					0				
Sun					0				
	TFW	1428	48	952	143714	0	57215	3250	662
	TTD	2790	144	1951	260748	0	72440	4806	5987

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M					0				
T					0				
W	23-Jul	430	16	287	26345	0	25559	839	43
Th					0				
Fr					0				
Sat					0				
Sun					0				
	TFW	430	16	287	26345	0	25559	839	43
	TTD	3220	160	2238	287093	0	97999	5645	6030

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M					0				
T					0				
W					0				
Th					0				
Fr					0				
Sat					0				
Sun					0				
	TFW	0	0	0	0	0	0	0	0
	TTD	3220	160	2238	287093	0	97999	5645	6030

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	228	15	143	22179	0	54759	579	32
T	05-Aug	228	15	143	15155	0	36102	320	19
W					0				
Th					0				
Fr					0				
Sat					0				
Sun					0				
	TFW	456	30	285	37334	0	90861	899	51
	TTD	3676	190	2523	324427	0	188860	6544	6081

**AREA 4 COMMERCIAL SEINE CATCHES**

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	17-Jul	22	16	14.667	16544	0	13232	0	0
Fr	18-Jul	14	16	9.3333	5026	0	12873	0	0
Sat				0					
Sun				0					
	TFW	36	32	24	21570	0	26105	0	0
	TTD	36	32	24	21570	0	26105	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	24-Jul	12	15	7.5	4476	0	35258	0	0
Fr				0					
Sat				0					
Sun				0					
	TFW	12	15	8	4476	0	35258	0	0
	TTD	48	47	32	26046	0	61363	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	31-Jul	36	15	22.5	12754	0	112280	0	0
Fr	01-Aug	28	15	17.5	15431	0	142887	0	0
Sat				0					
Sun				0					
	TFW	64	30	40	28185	0	255167	0	0
	TTD	112	77	72	54231	0	316530	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	2	15	1.25	352	0	8100	0	0
T	05-Aug	1	15	0.625	176	0	4050	0	0
W				0					
Th	07-Aug	5	15	3.125	3835	0	48800	0	0
Fr				0					

Sat				0					
Sun				0					
	TFW	8	45	5	4363	0	60950	0	0
	TTD	120	122	77	58594	0	377480	0	0
	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	11-Aug	12	15	7.5	2828	0	46670	0	0
T	12-Aug	12	15	7.5	4086	0	88415	0	0
W				0					
Th	14-Aug	14	15	8.75	2634	0	78051	0	0
Fr	15-Aug	14	15	8.75	2318	0	55271	0	0
Sat				0					
Sun				0					
	TFW	52	60	33	11866	0	268407	0	0
	TTD	172	182	109	70460	0	645887	0	0
	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	18-Aug	5	13	2.7083	500	0	11000	0	0
T	19-Aug	5	13	2.7083	883	0	13467	0	0
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	10	26	5	1383	0	24467	0	0
	TTD	182	208	114	71843	0	670354	0	0

AREA 4 2003 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 28/03

Location	Stream Name	Sockeye	Coho	Pink	Chum	Chinook
BABINE	BABINE RIVER UNACCOUNTED	462369	7053	160799		
	BABINE RIVER - SECTION 4					3358
	BABINE RIVER - SECTION 5					2000
	BABINE RIVER - SECTIONS 1,2 & 3	80000	N.I.			
	FULTON RIVER*	436481	475	404		2
	MORRISON CREEK		450			
	NILKITKWA RIVER	150	N.I.			N.I.
	PINKUT CREEK	171267	22			
	TAHLO CREEK - (LOWER)	20000	N.I.			
BEAR	AZUKLOTZ CREEK	1500	N.I.			
	BEAR RIVER	UNK	N.I.	N.O.		6000
	MOTASE LAKE	450	N.I.			
	SALIX CREEK	550	N.I.			
	SLAMGEESH FENCE	430	768			UNK
	(STHD 1118) SUSTUT RIVER AND LAKE****	4992	119			1106
BULKLEY / MORICE	BULKLEY RIVER - UPPER		2126			1280
			1257			
	MORICE RIVER***	N.I.	4	80000		10000
	NANIKA RIVER	15000	N.I.	N.O.		100
	STATION CREEK		253			
COASTAL	TOBOGGAN CREEK		5300			
	CHISHORE CREEK		UNK	3000		
	DIANA CREEK	5000	500	UNK	N.I.	N.I.
	ECSTALL RIVER	600	6000	UNK	UNK	UNK
	HAYS CREEK					
	HUMPBACK CREEK		UNK	7000	UNK	
	JOHNSTON CREEK	N.I.	N.I.	UNK	N.I.	UNK
	JOHNSTON LAKE	5050	UNK	UNK	UNK	UNK
	KHYEX RIVER		UNK	60000	UNK	UNK
	KLOIYA RIVER		N.I.	25000	UNK	UNK
	LA HOU CREEK			26500		
	MOORE COVE CREEK		N. I.	30000		
	OLDFIELD CREEK					
	OONA RIVER		UNK	14000		
	PRUDHOMME CREEK	2500	250	UNK		
	SHAWATLAN RIVER	5000	300	1200	N.O.	N.O.
SILVER CREEK		N.I.	25000	N.O.	N.O.	
SPILLER RIVER			UNK	4000		
KISPIOX	BARNES CREEK	209				
	BEAVERLODGE CREEK		2150			
	BROWN PAINT CREEK		250			
	CLIFFORD CREEK		125			
	CLUB CREEK (LOWER)	8146				
	CLUB CREEK (UPPER)	414				
	CULLON CREEK		593			
	DATE CREEK		N.I.		13	
	FALLS CREEK	578				

	FOOTSORE CREEK		189				
	FOOTSORE CREEK UPPER		160				
	HODDER CREEK		41				
	IRONSIDE CREEK		153				
	JACKSON CREEK	130					
	KISPIOX RIVER	N.I.	N.I.	N.I.	N.I.	6400	
	MCQUEEN CREEK		10				
	MURDER CREEK		135				
	NANGEESE RIVER		3187			96	
	SKUNSNAT CREEK		133				
	STEEP CANYON CREEK		247				
	SWAN LAKE CREEK #2 UNNAMED	266					
KITSUMKALUM							
	ALICE CREEK						
	CEDAR CREEK					1440	
	CLEAR CREEK					100	
	DEEP CREEK		500				
	DRY CREEK		UNK				
	KITSUMKALUM LAKE	6916					
	KITSUMKALUM RIVER - LOWER		N.I.	N.I.	N.I.	23608	
	LEAN-TO CREEK						
	MAYO CREEK						
	PONTOON CREEK						
	STAR CREEK						
LAKELSE							
	CLEARWATER CREEK		620				
	LAKELSE RIVER		N.I.	700000			
OTHER LOWER SKEENA							
	ALASTAIR LAKE	3500	N.I.				
	DOG TAG CREEK		N.I.	UNK	UNK	UNK	
	ERLANDSEN CREEK		50	3000	100	40	
	EXCHAMSIKS RIVER	N.I.	2500	7000	UNK	250	
	EXSTEW RIVER AND SLOUGH	N.I.	2000	UNK	N.I.	UNK	
	GITNADOIX RIVER		2000	UNK	UNK	50	
	KADEEN CREEK		UNK	N.O.	N.O.	50	
	KASIKS RIVER	N.I.	1000	10000	UNK	200	
	MAGAR CREEK		N.I.	UNK	N.I.	200	
	MOLYBDENUM CREEK		50				
	SOUTHEND CREEK	10000	N.I.				
	ZYMAGOTITZ RIVER		UNK	UNK	N.I.	N.I.	
OTHER MIDDLE SKEENA							
	BURDICK CREEK						
	COMEAU CREEK						
	KITWANGA RIVER**	3352	1974	336363	1755	1764	
	SALMON RUN CREEK		65				
	SIMPSON CREEK					36	
	SINGLEHURST CREEK		300				
	THOMAS CREEK					215	
	ZYMOETZ RIVER - UPPER	4553	N.I.			N.I.	
		124940	5462	149326			
	AREA 4 TOTAL	3	2	6	1964	58199	

\*Below fence estimate not included

\*\*Fence count

\*\*\*Preliminary estimate above Morice Canyon is 20000 minus Bulkley & Toboggan = 12,574  
\*\*\*\*Fence count



## **AREA 5**

### **FIRST NATIONS**

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to May 15, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

### **Tsimshian Tribal Council (Totals for Areas 3, 4, and 5)**

Sockeye - 72,800  
Pink - 4,360  
Coho - 1,650  
Chum - 1,700  
Chinook - 5,760

### **RECREATIONAL**

**Chinook salmon** open Jan. 1 – Dec. 31. Daily limit two.

**Sockeye, Pink, and Chum** salmon open Jan. 1 to Dec. 31. Daily limit four.

**Coho** salmon open Jan. 01 – Dec. 31. Daily limit four.

Inside a line drawn from boundary signs located approximately 100m seaward of the falls at the mouth of the Kumowdah River flowing into Lowe Inlet, closed to all finfish July 1 to Oct. 31. No angling allowed.

### **COMMERCIAL NET**

The Area 5 net fishery was planned in anticipation of poor returns of Skeena sockeye, average returns of Skeena pink and a return of 1.3 million local pink. Area 5 was subject to many restrictions (to conserve non-targeted stocks) such as, area closures, daylight only fisheries, non-retention coho & steelhead for both gear types, mandatory brailing for seines and non-retention chinook for seines.

Area 5 had very little fishing effort all year. Local pink stocks returned at lower than forecast levels and Skeena bound stocks migrated by more northerly routes. The gillnet fishery started July 01 and ended August 05. The largest gillnet fleet size was 9 vessels on the first opening July 01. The seine fishery started July 14th and ended until Aug. 22. The largest seine fleet occurred August 7 with 7 vessels.

Total number of openings for gillnet was 9 for 27 gillnet boat days compared to the last 10 year average of 17 openings and 217 boat days. The total number of openings for seines was 19 with 32 boat days compared to the last 10 year average of 14 openings and 86 seine boat days. The total Area 5 hauled net catch was 14,612 sockeye and 317,765 pink. This compares to the last 10 year catch average of 62,087 sockeye and the last 5 odd year catch average of 187,884 pink.

**AREA 5 COMMERCIAL GILLNET CATCHES**

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T	01-Jul	27	16	18	1359	0	1359	94	5
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	27	16	18	1359	0	1359	94	5
	TTD	27	16	18	1359	0	1359	94	5

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	07-Jul	0	16	0	0	0	0	0	0
T				0					
W				0					
Th				0					
Fr				0					
Sat				0					
Sun	13-Jul	8	16	5.33	1608	0	544	88	0
	TFW	8	32	5	1608	0	544	88	0
	TTD	35	48	23	2967	0	1903	182	5

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	14-Jul	8	16	5.33	816	0	656	328	16
T				0					
W				0					
Th	17-Jul	0	16	0	0	0	0	0	0
Fr	18-Jul	4	16	2.67	350	0	320	216	0
Sat				0					
Sun				0					
	TFW	12	48	8	1166	0	976	544	16
	TTD	47	96	31	4133	0	2879	726	21

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	0	0	0	0	0	0	0	0
	TTD	47	96	31	4133	0	2879	726	21

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
--	------	-------	-----	----	--------	--------	--------	--------	--------

M					0				
T					0				
W					0				
Th					0				
Fr					0				
Sat					0				
Sun					0				
	TFW	0	0	0	0	0	0	0	0
	TTD	47	96	31	4133	0	2879	726	21

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	0	15	0	0	0	0	0	0
T	05-Aug	0	15	0	0	0	0	0	0
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	0	30	0	0	0	0	0	0
	TTD	47	126	31	4133	0	2879	726	21

**AREA 5 COMMERCIAL SEINE CATCHES**

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th				0					
Fr	18-Jul	6	16	4	1200	0	45700	0	0
Sat				0					
Sun				0					
	TFW	6	16	4	1200	0	45700	0	0
	TTD	6	16	4	1200	0	45700	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	24-Jul	0	15	0	0	0	0	0	0
Fr				0					
Sat				0					
Sun				0					
	TFW	0	15	0	0	0	0	0	0
	TTD	6	31	4	1200	0	45700	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M				0					
T				0					
W				0					
Th	31-Jul	0	15	0	0	0	0	0	0
Fr				0					
Sat				0					
Sun				0					
	TFW	0	15	0	0	0	0	0	0
	TTD	6	46	4	1200	0	45700	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	0	15	0	0	0	0	0	0
T	05-Aug	2	15	1.25	107	0	9770	0	0
W				0					
Th				0					
Fr				0					

Sat				0					
Sun				0					
	TFW	2	30	1	107	0	9770	0	0
	TTD	8	76	5	1307	0	55470	0	0
	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	11-Aug	5	15	3.125	1011	0	47000	0	0
T	12-Aug	3	15	1.875	540	0	30750	0	0
W				0					
Th	14-Aug	7	15	4.375	666	0	31780	0	0
Fr	15-Aug	6	15	3.75	960	0	36000	0	0
Sat				0					
Sun				0					
	TFW	21	60	13	3177	0	145530	0	0
	TTD	29	136	18	4484	0	201000	0	0
	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	18-Aug	5	13	2.7083	130	0	10000	0	0
T	19-Aug	5	13	2.7083	303	0	25625	0	0
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	10	26	5	433	0	35625	0	0
	TTD	39	162	24	4917	0	236625	0	0

AREA 5 2003 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 28/03

Location	Stream Name	Sockeye	Coho	Pink	Chum	Chinook
LOWER GRENVILLE	BELOWE CREEK		280	3000	150	
	LAGOON CREEK		N. I.	50	50	
	LOWE INLET SYSTEM	7000	UNK	UNK		
	RED BLUFF CREEK		UNK	UNK		
	STEWART CREEK		UNK	2000	250	
	SYLVIA CREEK		110			
	TSIMTACK LAKE SYSTEM	3100	100	N.I.	N.I.	
LOWER PRINCIPE	BOLTON CREEK	N.I.	N.I.	UNK	N.I.	
	CURTIS CREEK	7500	UNK	UNK	N.I.	
	DEVON LAKE SYSTEM	10000	UNK	UNK	N.I.	
	KEECHA CREEK	5000	N.I.	UNK	N.I.	
	KOORYET CREEK	3500	UNK	3000	N.I.	
	MIKADO LAKE SYSTEM	6000	UNK	UNK		
OGDEN / KITKATLA	ALPHA CREEK		UNK	35000	N.O.	
	CAPTAIN COVE CREEK	N. I.	N. I.	19500	10	
	KITKATLA CREEK		UNK	2000	N.O.	
	SKENE COVE CREEK		UNK	UNK		
OUTER BANKS ISLAND	QUITONSTA CREEK	UNK	N. I.	N. I.	N. I.	
PETREL CHANNEL / ALA PASS	HEVENOR INLET CREEKS	UNK	UNK	3000	200	
	MARKLE INLET CREEK	UNK	UNK	75	1100	
	RYAN CREEK	N.I.	UNK	1600	N.O.	
	SHAW CREEK		UNK	10500	150	
	WILSON INLET CREEK		N.I.	100	2000	
PORCHER INLET	HEAD CREEK	UNK	UNK	25000	N.O.	
	PORCHER CREEK		UNK	5000	N.O.	
	SALT LAGOON CREEK		UNK	UNK		
	WOLF CREEK		N.O.	11000		
UPPER GRENVILLE	FALSE STEWART CREEK		N.I.	13000	N.O.	
	KLEWNUGGIT INLET CREEKS	600	UNK	N.I.	N.I.	
	KUBAS CREEK			13000		
	KUMEALON CREEK		500	45000	100	125
	PA-AAT RIVER		UNK	17000	UNK	
UPPER PRINCIPE	ENDHILL CREEK	UNK	N.I.	N.I.	N.I.	
	HANKIN CREEK	N.I.	N.I.	25000	100	
	KESWAR INLET CREEK	N.I.	N.I.	UNK	N.I.	
	SPENCER CREEK	150	N.I.	UNK	N.I.	
AREA 5 TOTAL		42850	990	233825	4110	125

# AREA 6

Fisheries and Oceans  
5235 A Keith Avenue  
Terrace, B.C.  
V8G 1L2  
Tel: (250) 615-5350  
Office Hrs: 8-4:30  
Mon-Fri



## AREA 6

### FIRST NATIONS

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2003 to May 15, 2004, except closed for nets in the vicinity of commercial net fisheries 24 hours prior to the commercial opening, and until 12 hours after the commercial closure.

#### Hartley Bay (Area 6)

Sockeye - 4,000  
Pink - 2,000  
Coho - 1,700  
Chum - 900  
Chinook - 450

#### Haisla (Area 6)

Sockeye - 2,500  
Pink - 1000  
Coho - 2,500  
Chum - 2,000  
Chinook - 1,000

#### Kitasoo (Totals for Areas 6 and 7)

Sockeye - 9,000  
Pink - 1,500  
Coho - 1,500  
Chum - 3,000  
Chinook - 500

### RECREATIONAL

**Chinook** salmon open Jan. 1 – Dec. 31. Daily limit two.  
**Sockeye, Pink, and Chum** salmon open Jan. 1 to Dec. 31. Daily limit four.  
**Coho** salmon open Jan. 1 to Dec. 31. Daily limit four.

### COMMERCIAL NET

The Area 6 net fishery was planned in anticipation of harvesting surplus pink and Kitimat hatchery chum. Forecasted returns for pink were 4 million and 280,000 chums to the Kitimat River. Restrictions were in place to conserve coho, chum, steelhead and chinook. These restrictions involved, daylight only fisheries, non-retention coho, & steelhead for both gear types, mandatory brailing for seines, non-retention chum and chinook for seines, a request to release all live chinook for gillnets and closure of the outside fishery to gillnet.

The first gillnet fishery opened on July 07 in Douglas Channel to test for chum strength, however no gillnets participated. The first gillnet participation in an opening was July 21. Chum fishing for gillnets was good all season. The peak number of gillnets operating for the Area was August 11 with 67. The gillnet fishery ended on August 22. Total number of openings were 23 for 348 hours of fishing compared to the 10 year average of 15 openings and 254 hours. The total Area 6 gillnet catch was 147,215 chum compared to the 10 year average of 51,449.

The first seine fishery was July 14 and the last August 21, for a total of 14 openings and 214 hours of fishing time compared to the 10 year average of 7 openings and 115 hours. The largest number of seines operating was on July 21 with 61 vessels. Pink and chum catches were much higher than anticipated. On July 21 the seine fishery went to retention of chum with reduced fishing times. Seine sets were too large to effectively sort and release chums. Pink returns to the Kitimat Arm area were very large resulting in seine openings in Douglas Channel starting July 24<sup>th</sup>. Pink and chum catches for seines declined in August and the fishery went back to non-retention chum starting August 18. The total seine catch was approximately 3.9 million pinks and 258,000 chum compared to the 5 odd year average of 578,333 pinks and the 10 year average of 67,783 chum.

**Kitimat Hatchery Operations - 2003**  
**Martin Forbes, A/Kitimat Watershed Enhancement Manager**

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**Project Description** - Enhancement began with a pilot hatchery in 1977. The current facility was built in 1983 to proportionally enhance several rivers and streams in the Kitimat system, as well as three rivers in Kitimat Arm. Original plans included seven chinook stocks (total of 3 million eggs), nine chum stocks (total of 11 million eggs), four coho stocks (total of 600,000 eggs), one steelhead stock (55,000 eggs) and one cutthroat stock (15,000 eggs). Numbers of both stocks and eggs have been reduced over the years for logistical and budgetary reasons. The facility now handles two stocks of chinook (1.7 million eggs), two stocks of chum (5 million eggs), one stock of coho (550,000 eggs), one stock of steelhead (50,000 eggs) and one stock of cutthroat (7,500 eggs).

One of the most unique features of the Kitimat facility is its water system. The facility has groundwater and river water supplies, and also receives about 4500 LPM of heated river water from the Eurocan Pulpmill. The hot water can be used to heat the groundwater through a heat exchanger, or can be mixed directly with any of the water sources to “dial up” a desired water temperature. This gives the facility considerable flexibility in its incubation and rearing programs. The hot water is also used to heat the hatchery building, and to keep the river intake screens ice-free.

**Production Overview** - Total juvenile releases and eggs taken in 2003 were:

<b>Species</b>	<b>Total Juveniles Released in 2003</b>	<b>Total Eggs Taken in 2003</b>
Chinook	1,603,800 0+ smolts	1,757,100 eggs
Chum	4,957,700 0+ fed fry	4,970,800 eggs
Coho	464,900 1+ smolts	567,600 eggs (est.)
Cutthroat	9,000 1+ smolts	14,900 eggs
Steelhead	59,900 1+ smolts	79,700 eggs

(Additional production details are provided in the table on the following page)

Juveniles were released on schedule and under normal river conditions in 2003. This was the “Year of the Pink Salmon” with extremely high numbers of spawners returning to Kitimat. Chum & chinook adult returns were estimated to be average, and coho returns appeared to be high. Although all 2003 eggtake targets were met, broodstock collection was challenging, due both to the large numbers of pinks and budget constraints.

The Kitimat Hatchery is in its 20th year of providing fish for a variety of purposes. The Kitimat Watershed now boasts a world-class sport fishery, and is a good contributor to commercial catches in both BC and Alaska. Stock rebuilding will remain a work in progress; the Kitimat watershed continues to suffer from annual floods, and more recently has experienced unusually low water levels during the summer months. Thus there is a continued need for the facility to assist in maintenance of returns.

Kitimat Enhancement Facility Operations Report - 2003

M. Forbes  
27-Nov-03

Species	Brood Yr	Stock/ Location	Target	Lifestage	Achieved	Lifestage	% of Target	Comments
<b>Chinook</b>		<b>Avg Kitimat CN smolt-adult survival = 0.6%*</b>						
	2001	Hirsch Creek	200,000	eggs	219,000	0+ smolts	110%	
		Kildala River	200,000	eggs	186,000	0+ smolts	93%	
		Kitimat River	1,350,000	eggs	1,311,000	0+ smolts	97%	
	2002	Hirsch Creek	225,000	eggs	175,892	0+ smolts	78%	released early May 2003
		Kildala River	0		N/A		N/A	Cancelled - due to budget constraints
		Kitimat River	1,500,000	eggs	1,427,930	0+ smolts	95%	released late April - early May 2003
	2003	Hirsch Creek	200,000	eggs	232,209	eggs	116%	December - January 03/04 ponding
		Kildala River	0		N/A		N/A	Cancelled - due to budget constraints
		Kitimat River	1,500,000	eggs	1,524,896	eggs	101%	December - January 03/04 ponding
<b>Chum</b>		<b>Avg Kitimat CM fry-adult survival = 2.4%*</b>						
	2001	Hirsch Creek	950,000	eggs	1,118,000	fed fry	118%	
		Kildala River	0		0	eggs		Dropped - budget constraints + good escapements
		Kitimat River	3,750,000	eggs	3,803,000	fed fry	101%	
	2002	Hirsch Creek	1,000,000	eggs	973,911	fed fry	97%	released late March 2003
		Kitimat River	4,000,000	eggs	3,983,862	fed fry	99%	released late March 2003
	2003	Hirsch Creek	1,000,000	eggs	1,089,225	eggs	109%	On hand in hatchery incubation
		Kitimat River	4,000,000	eggs	3,881,623	eggs	97%	On hand in hatchery incubation
<b>Coho</b>		<b>Avg Kitimat CO smolt-adult survival = 2.3%*</b>						

2001	Kitimat River	500,000	eggs	464,898	1+ smolts	93%	released late April 2003
2002	Kitimat River	550,000	eggs	469,028	juveniles	85%	Outside raceways
2003	Kitimat River	550,000	eggs	567,600	eggs	103%	On hand in hatchery incubation
<b>Cutthroat</b>							<b>Avg Kitimat CT smolt-adult survival = 10.0%*</b>
2001	Kitimat River	7,500	eggs	1,290	1+ smolts	17%	78% incubation mortality due to water interruption
2002	Kitimat River	7,500	eggs	9,011	1+ smolts	120%	released late May 2003
2003	Kitimat River	10,000	eggs	8,647	juveniles	86%	Inside rearing troughs
<b>Steelhead</b>							<b>Avg Kitimat ST smolt-adult survival = 9.4%*</b>
2001	Kitimat River	50,000	eggs	46,550	1+ smolts	93%	
2002	Kitimat River	50,000	eggs	59,885	1+ smolts	120%	released mid April - mid May 2003
2003	Kitimat River	60,000	eggs	68,135	juveniles	114%	Inside rearing troughs

\* Long-term average smolt-adult survival rates;  
cannot be used to forecast returns accurately

2003 Post-Season Review, North Coast Enhancement Operations Report cont'd

Facility	Species	Brood Yr	Stock/ Location	Target	Lifestage	Achieved	Lifestage	% of Target	Comments
<b>B. KITIMAT FACILITY:</b>									
<b>Chinook</b>									
<b>Avg Kitimat CN smolt-adult survival = 0.6%*</b>									
		2001	Hirsch Creek	200,000	eggs	219,000	0+ smolts	110%	
			Kildala River	200,000	eggs	186,000	0+ smolts	93%	
			Kitimat River	1,350,000	eggs	1,311,000	0+ smolts	97%	
		2002	Hirsch Creek	225,000	eggs	175,892	0+ smolts	78%	released early May 2003
			Kildala River	0		N/A		N/A	Cancelled - due to budget constraints
			Kitimat River	1,500,000	eggs	1,427,930	0+ smolts	95%	released late April - early May 2003
		<b>2003</b>	Hirsch Creek	200,000	eggs	<b>232,209</b>	eggs	116%	December - January 03/04 ponding
			Kildala River	0		N/A		N/A	Cancelled - due to budget cut
			Kitimat River	1,500,000	eggs	<b>1,524,896</b>	eggs	101%	December - January 03/04 ponding
<b>Chum</b>									
<b>Avg Kitimat CM fry-adult survival = 2.4%*</b>									
		2001	Hirsch Creek	950,000	eggs	1,118,000	fed fry	118%	
			Kildala River	0		0*	eggs		Dropped - budget constraints + good escapements
			Kitimat River	3,750,000	eggs	3,803,000	fed fry	101%	
		2002	Hirsch Creek	1,000,000	eggs	973,911	fed fry	97%	released late March 2003
			Kitimat River	4,000,000	eggs	3,983,862	fed fry	99%	released late March 2003
		<b>2003</b>	Hirsch Creek		eggs		eggs	109%	On hand in hatchery incubation

			1,000,000		<b>1,089,225</b>		
	Kitimat River	4,000,000	eggs	<b>3,881,623</b>	eggs	97%	On hand in hatchery incubation
<b>Coho</b>							<b>Avg Kitimat CO smolt-adult survival = 2.3%*</b>
2000	Kitimat River	500,000	eggs	498,000	1+ smolts	100%	
2001	Kitimat River	500,000	eggs	464,898	1+ smolts	93%	released late April 2003
<b>2002</b>	Kitimat River	550,000	eggs	<b>469,028</b>	juveniles	85%	Outside raceways
<b>2003</b>	Kitimat River	550,000	eggs	<b>567,600</b>	eggs	103%	On hand in hatchery incubation
<b>Cutthroat</b>							<b>Avg Kitimat CT smolt-adult survival = 10.0%*</b>
2001	Kitimat River	7,500	eggs	1,290	1+ smolts	17%	78% incubation mortality due to water interruption
2002	Kitimat River	7,500	eggs	9,011	1+ smolts	120%	released late May 2003
<b>2003</b>	Kitimat River	10,000	eggs	<b>8,647</b>	juveniles	86%	Inside rearing troughs
<b>Steelhead</b>							<b>Avg Kitimat ST smolt-adult survival = 9.4%*</b>
2001	Kitimat River	50,000	eggs	46,550	1+ smolts	93%	
2002	Kitimat River	50,000	eggs	59,885	1+ smolts	120%	released mid April - mid May 2003
<b>2003</b>	Kitimat River	60,000	eggs	<b>68,135</b>	juveniles	114%	Inside rearing troughs

**AREA 6 COMMERCIAL GILLNET CATCHES**

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	14-Jul	0	16	0	0	0	0	0	0
T				0					
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	0	16	0	0	0	0	0	0
	TTD	0	16	0	0	0	0	0	0

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	21-Jul	6	15	3.75	65	0	650	3345	0
T	22-Jul	6	15	3.75	39	0	1083	2506	0
W				0					
Th	24-Jul	5	15	3.13	14	0	480	2264	0
Fr	25-Jul	6	15	3.75	18	0	625	2639	0
Sat				0					
Sun				0					
	TFW	23	60	14	136	0	2838	10754	0
	TTD	23	76	14	136	0	2838	10754	0

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	28-Jul	13	15	8.13	69	0	990	5879	0
T	29-Jul	7	15	4.38	32	0	296	3204	0
W				0					
Th	31-Jul	24	15	15	198	0	1100	10294	0
Fr	01-Aug	24	15	15	68	0	650	10300	0
Sat				0					
Sun				0					
	TFW	68	60	43	367	0	3036	29677	0
	TTD	91	136	57	503	0	5874	40431	0

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	4	15	2.5	16	0	0	3430	0
T	05-Aug	2	15	1.25	0	0	0	260	0
W				0					
Th	07-Aug	32	15	20	39	0	650	18680	0
Fr	08-Aug	38	15	23.8	40	0	400	12443	0
Sat				0					
Sun				0					
	TFW	76	60	48	95	0	1050	34813	0
	TTD	167	196	104	598	0	6924	75244	0

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	11-Aug	67	15	41.9	82	0	1589	22372	0

T	12-Aug	62	15	38.8	49	0	1910	14150	0
W				0					
Th	14-Aug	51	15	31.9	23	0	1922	12321	0
Fr	15-Aug	50	15	31.3	30	0	2110	10443	0
Sat				0					
Sun				0					
	TFW	230	60	144	184	0	7531	59286	0
	TTD	397	256	248	782	0	14455	134530	0

	Date	Gn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	18-Aug	27	13	14.6	18	0	3725	6086	0
T				0					
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	27	13	15	18	0	3725	6086	0
	TTD	424	269	263	800	0	18180	140616	0

**AREA 6 COMMERCIAL SEINE CATCHES**

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	14-Jul	13	16	8.6667	1199	0	99415	0	0
T	15-Jul	11	16	7.3333	796	0	115300	0	0
W				0					
Th	17-Jul	16	16	10.667	2575	0	176063	0	0
Fr	18-Jul	14	16	9.3333	1723	0	155900	0	0
Sat				0					
Sun				0					
	TFW	54	64	36	6293	0	546678	0	0
	TTD	54	64	36	6293	0	546678	0	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	21-Jul	61	15	38.125	6537	0	733936	58106	0
T				0					
W				0					
Th	24-Jul	57	15	35.625	6965	0	829265	71196	0
Fr				0					
Sat				0					
Sun				0					
	TFW	118	30	74	13502	0	1563201	129302	0
	TTD	172	94	109.75	19795	0	2109879	129302	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	28-Jul	56	15	35	4222	0	68775	70288	0
T				0					
W				0					
Th	31-Jul	28	15	17.5	2484	0	381120	17729	0
Fr				0					
Sat				0					
Sun				0					
	TFW	84	30	53	6706	0	449895	88017	0
	TTD	256	124	162.25	26501	0	2559774	217319	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	04-Aug	15	15	9.375	2189	0	285020	18489	0
T				0					
W				0					
Th				0					
Fr				0					
Sat				0					
Sun				0					
	TFW	15	15	9	2189	0	285020	18489	0
	TTD	271	139	171.63	28690	0	2844794	235808	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
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M	11-Aug	13	15	8.125	674	0	111010	7673	0
T				0					
W				0					
Th	14-Aug	13	15	8.125	616	0	84000	6055	0
Fr				0					
Sat				0					
Sun				0					
	TFW	26	30	16	1290	0	195010	13728	0
	TTD	297	169	187.88	29980	0	3039804	249536	0

	Date	Sn Op	Hrs	BD	SOCK-K	COHO-K	PINK-K	CHUM-K	CHIN-K
M	18-Aug	14	13	7.5833	401	0	39092	0	0
T				0					
W				0					
Th	21-Aug	3	13	1.625	164	0	37050	0	0
Fr				0					
Sat				0					
Sun				0					
	TFW	17	13	9	565	0	76142	0	0
	TTD	314	182	197.08	30545	0	3115946	249536	0

AREA 6 2003 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 26/03

<u>Location</u>	<u>Stream Name</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
<u>ARISTAZABAL ISLAND WEST</u>						
	BORROWMAN CREEK	N.I.	N.I.	UNK	N.I.	
	CLIFFORD CREEK		N.I.	N.I.	N.I.	
	DEVIL CREEK		N.I.	N.I.	N.I.	
	DON CREEK	N.I.	N.I.	N.I.	N.I.	
	DUFFEY CREEK	N.I.	N.I.	N.I.	N.I.	
	EAGLE CREEK	N.I.	N.I.	N.I.	N.I.	
	FLUX CREEK	N.I.	N.I.	N.I.	N.I.	
	KDELMASHAN CREEK	N.I.	N.I.	N.I.	N.I.	
	LINNEA CREEK		N.I.	N.I.	N.I.	
	LITTLE KETTLE CREEK	N.I.	N.I.	N.I.	UNK	
	MCDONALD CREEK	N.I.	N.I.	N.I.	N.I.	
	NOBLE CREEK	N.I.	N.I.	N.I.	N.I.	
	SALMON CREEK		N.I.	N.I.	N.I.	
	SENTINEL CREEK	N.I.	N.I.	N.I.	N.I.	
	STANNARD CREEK	N.I.	N.I.	UNK	N.I.	
	TRENAMAN CREEK		N.I.	N.I.	N.I.	
	WEST CREEK	N.I.	N.I.	N.I.	N.I.	
	WEST CREEK AND LAKE	N.I.	N.I.	N.I.	N.I.	
<u>DOUGLAS-URSULA-DEVASTATION CHS</u>						
	ANGLER COVE CREEK		40	550	NO	
	BIG TILLHORNE RIVER			2,400	80	
	EVELYN CREEK		250	18,000	410	
	FISHTRAP BAY CREEK			1,400	10	
	FOCH RIVER	12		3,000	9,500	
	GILTTOYEES CREEK		UNK	UNK	UNK	UNK
	GOAT RIVER		NO	60	10	
	GRIBBLE ISLAND CREEK			800	UNK	
	HARTLEY BAY CREEK	380	500	800	UNK	
	HAWKSBURY ISLAND CREEK			4,500	25	
	HUGH CREEK	1	800	26,000	90	
	KEESIL CREEK		NI	NI	NI	
	KIHESS CREEK			250	10	
	KISKOSH CREEK	4	250	3,800	100	
	KITKIATA CREEK			16,000	NO	
	LITTLE TILLHORNE RIVER			300	20	
	MISSED CREEK			1,000	10	
	PIKE CREEK		UNK	UNK	UNK	
	QUAAL RIVER			200,000	5,000	
	RIORDAN RIVER		280	2,100	30	
	VERNEY PASSAGE CREEK			2,500	75	
	WEEWANIE CREEK			18,000	600	
<u>FRASER - GRAHAM REACH</u>						
	AALTANHASH RIVER		500	3,500	25	
	CANOONA RIVER	2,700	1400	4,500	2	
	DOVE CREEK (HEAD CR.)		UNK	3,100	65	
	GREEN RIVER	15	1,150	15,000	8,500	
	KHUTZE RIVER	2	910	50,000	6,000	33
	KLEKANE RIVER		UNK	1,400	25	

	MARMOT COVE CREEK		NO	1,000	100	
	MARSHALL CREEK		NO	700	40	
	MCKAY CREEK	1	20	1,700	4,000	
	MEYERS PASS CREEK	NI	NI	NI	NI	NI
	SCOW BAY CREEK	0	42	8,500	125	
	SODA CREEK		UNK	5,800	875	
	TAYLOR CREEK		UNK	335	14	
<u>GARDNER CHANNEL</u>						
	BRIM RIVER		1400	22,000	180	10
	CRAB RIVER		NI	1,500	250	
	HOTSPRING CREEK		NI	2,800	480	
	KEMANO RIVER	100	UNK	600,000	50,000	UNK
	KILTUIISH RIVER	2	460	4,400	3,500	
	KITLOPE RIVER	UNK	NI	NI	NI	NI
	PARIL RIVER		400	1,200	70	
	TSAYTIS RIVER		NI	NI	NI	NI
	WAHOO CREEK		1800	10,000	140	

AREA 6 2003 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 26/03 con.

	<u>Location</u>	<u>Stream Name</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
<u>KITIMAT ARM</u>							
		ANDERSON CREEK		NI	NI	NI	
		BEAVER CREEK					
		BISH CREEK			150,000	3,200	
		CORDELLA CREEK		NI	NI	NI	
		DALA RIVER		2400	250,000	30,000	
		EAGLE BAY RIVER			20,000	100	
		EMSLEY CREEK			UNK	UNK	
		FALLS RIVER			NI	NI	
		KILDALA RIVER		2000	130,000	25,000	
		KITIMAT RIVER	1,000		300,000	250,000	
		M.E.S.S. CREEK		UNK	NI	NI	
		MOORE CREEK			NI	NI	
		PINE CREEK			NI	NI	
		WATHL CREEK			300	570	
		WATHLSTO CREEK			NI	NI	
<u>LAREDO CHANNEL - CAMPANIA SOUND</u>							
		ARGYH CREEK					
		BARNARD CREEK		UNK	7000	350	
		BLACKROCK CREEK		UNK	6500	300	
		CAMPANIA ISLAND CREEK					
		CARTWRIGHT CREEK					
		CHAPPLE CREEK					
		CHERRY CREEK					
		CRANE BAY CREEK			1500	100	
		CRIDGE INLET CREEK					
		DOUGLAS CREEK					
		EAST ARM CREEK		800	550	15	
		EVINRUDE CREEK					
		FURY CREEK					
		GIL CREEK		UNK	50,000	225	
		HOME BAY CREEKS			550		
		KENT INLET LAGOON CREEK					

LAEDKIN CREEK					
LEDGE CREEK					
LIMESTONE CREEK					
MCMICKLING CREEK					
PENN CREEK					
ROLAND CREEK					
TALAMOOSA CREEK	NI	NI	NI	NI	NI
TURN CREEK		UNK	12,500	150	
TURTLE CREEK		UNK	17,000	150	
TUWARTZ CREEK					
WALE CREEK	NO	300	NO	NO	
WEST ARM CREEK	125		2500	300	
WHALEN LAKE CREEK	NO	600	500	50	
WINDY ISLAND CREEK					

LAREDO SOUND

ARNOUP CREEK		425	5,000	2,500	
BLEE CREEK		100	2,500	100	
BLOOMFIELD CREEK	1,000	55	300	100	
DALLAIN CREEK		NO	40	UNK	
DALLY CREEK		UNK	250	150	
FIFER CREEK		NO	900	NO	
KWAKWA CREEK	NI	NI	NI	NI	NI
NIAS CREEK	25	475	1,300	4,000	
PACKE CREEK		NO	30	55	
POWLES CREEK	NO	150	3,000	15	
PRICE CREEK	UNK	UNK	100	3,500	
PYNE CREEK		UNK	800	150	
QUIGLEY CREEK	NO	UNK	350	NO	
RONALD CREEK	0	40	5	65	
STEEP CREEK	0	UNK	400		
TRAHEY CREEK		UNK	1,250	25	
TYLER CREEK		850	2,500	6,500	
			18397		
AREA 6 TOTAL	5367	.	2006520	418031	43