

2005 POST SEASON REVIEW

SALMON



NORTH COAST AREAS 1-6

FISHERIES AND OCEANS CANADA

2005 POST SEASON REVIEW

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2005 EXPECTATIONS & RESULTS
AREAS 1 TO 6 - QCI, NASS, SKEENA, GRENVILLE-PRINCIPE & BUTEDALE

1. Preseason Expectations

Expected Return	Area	Sockeye	Coho	Pink	Chum	Chinook	
	1	n/a	n/a	0	n/a	n/a	
	2E	n/a	n/a	0	n/a	n/a	
	2W	n/a	n/a	0	n/a	n/a	
	3	700,000	n/a	2,550,824	poor	n/a	
	4	1,530,000	n/a	4,597,586	poor	n/a	
	5	n/a	n/a	708,490	poor	n/a	
	6	n/a	n/a	4,983,188	n/a	n/a	
	Total	2,230,000	n/a	12,840,088	0	n/a	
Interim Target Escapement *	1	147,000	unk	1,152,000	62,000	5,000	
	2E	26,000	unk	721,000	468,000	0	
	2W	15,000	unk	477,000	180,000	0	
	3	200,000**	unk	375,500	120,000	15,890	
	4	900,000**	unk	1,000,000**	55,000	41,770	
	5	50,500	unk	254,500	35,000	200	
	6	63,850	unk	1,450,000	520,000	40,000	
	Total	1,402,350	unk	5,430,000	1,440,000	102,860	
Food, Social and Ceremonial Alloc.	1-2W	20,000	2,500	2,500	3,000	5,000	
	Gitanyow	6,000	500	185	25	620	
	Nisga'a Treaty ****	123,510	16,700	346,860	35,760	13,160	
	4&5	216,000	5,000	30,000	1,000	15,500	
	6	2,500	1,000	2,000	1,000	2,500	
	Total	368,010	25,700	381,545	40,785	36,780	
Expected Commercial Net Catch	1-2W	0	unk	0	82,000	0	
	3	400,000	unk	2,003,437	unk	unk	
	4	450,000	0	3,064,186	unk	unk	
	5	30,000	0	522,365	unk	unk	
	6	10,000	unk	3,535,938	unk	30,000*	*hatchery returns
	Total	890,000	0	9,125,926	82,000	30,000	

* Unless otherwise indicated the target escapements are based on subjective spawning capacity with some reference to historic escapement levels and subsequent returns.

** Skeena and Nass sockeye and Skeena pink escapement targets are the product of stock recruitment analysis.

*** Chinook targets for the Skeena and Nass Rivers are the PST stock rebuilding goals

**** Nisga'a allocation based on pre-season forecast returns to Canada of "Nass Area" salmon stocks

***** Hatchery chum return to Kitimat River provides the only Area 6 surplus

2005 EXPECTATIONS & RESULTS
AREAS 1 TO 6 - QCI, NASS, SKEENA, GRENVILLE-PRINCIPE & BUTEDALE

2. Post Season Catch

<u>Commercial</u>	<u>Area</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
Troll *	1	Closed	199,722	39,467	Closed	137,984
Inseason Hail	2E	Closed	21,067	30	Closed	4,519
	2W	Closed	Closed	40	Closed	12,944
	3	Closed	6,877	8	Closed	Closed
	104	Closed	27,250	1,416	Closed	72
	105	Closed	14,790	171	Closed	Closed
	6	Closed	45,206	2,449	Closed	Closed
Total		Closed	314,912	43,581	Closed	155,519
	<u>Area</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
Gillnet	1	0	Closed	0	0	0
Inseason Hail	2E	0	769	0	30,415	2
	2W	0	0	2	18,057	0
	3	131,511	4,008	274,264	66,484	3,345
	4	Closed	Closed	Closed	Closed	1,760
	5	Closed	Closed	Closed	Closed	Closed
	6	976	1,363	79,027	146,401	122
Total		132,487	6,140	353,293	261,357	5,229
	<u>Area</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
Seine	1	Closed	Closed	0	0	Closed
Inseason hail	2E	Closed	Closed	Closed	Closed	Closed
	2W	Closed	Closed	0	65,700	Closed
	3	49,728	43,744	2,225,237	7,167	Closed
	4	Closed	Closed	Closed	Closed	Closed
	5	Closed	Closed	191,219	Closed	Closed
	6	21,577	35,949	4,510,843	86,759	Closed
Total		71,305	79,693	6,927,299	159,626	0

* Area F troll includes areas outside of Areas 1-6 so total Area F catch is larger than Area 1-6 total catch

<u>Sport</u>	<u>Area</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
Tidal	1	100	34,000	1,400	600	44,800
	2E	0	1,000	30	30	1,000
	2W	20	16,500	310	170	23,000
	3	unk	1,762	unk	unk	935
	4	unk	unk	unk	unk	unk
	5	unk	unk	unk	unk	unk
	6	unk	unk	unk	unk	unk
Total		120	53,262	1,740	800	69,735

* Catch estimates are preliminary

2005 EXPECTATIONS & RESULTS
AREAS 1 TO 6 - QCI, NASS, SKEENA, GRENVILLE-PRINCIPE & BUTEDALE

<u>Native</u>		<u>Area</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>	<u>Jacks</u>	<u>Steelhead</u>
FSC	Tidal	1	8,000	950	1,000	100	1,730	0	0
	Non-tidal		567	0	0	0	0	0	0
	Tidal	2E	0	50	0	0	0	0	0
	Non-tidal		123	0	0	0	0	0	0
	Tidal	2W	5,000	500	0	50	700	0	0
	Non-tidal		0	50	0	0	0	0	0
	Gitanyow	3	8,693	511	23	0	179	53	0
	Non-tidal	4	116,427	5,602	30,008	410	7,433	0	2,068
	Tidal	4	10,376	545	721	18	548	0	9
	Tidal	5	2,715	153	429	161	145	0	0
	Tidal	6	3024	300	267	318	503	0	34
	Treaty	Nisga'a	3						
Entitlement			47,090	10,560	2,122	128	5,711	0	224
Harvest Agree.			65,688	4,052	2,361	577	857	0	0
Total			112,778	14,612	4,483	705	6,568	0	224
Cost Recovery		2E	0	1,528	0	9,605	0	0	0
ESSR		2E	0	0	0	0	0	0	0
		3	0	0	0	0	0	0	0
		4	0	0	0	0	0	0	0
Total						0	0	0	

3. Escapement (preliminary)

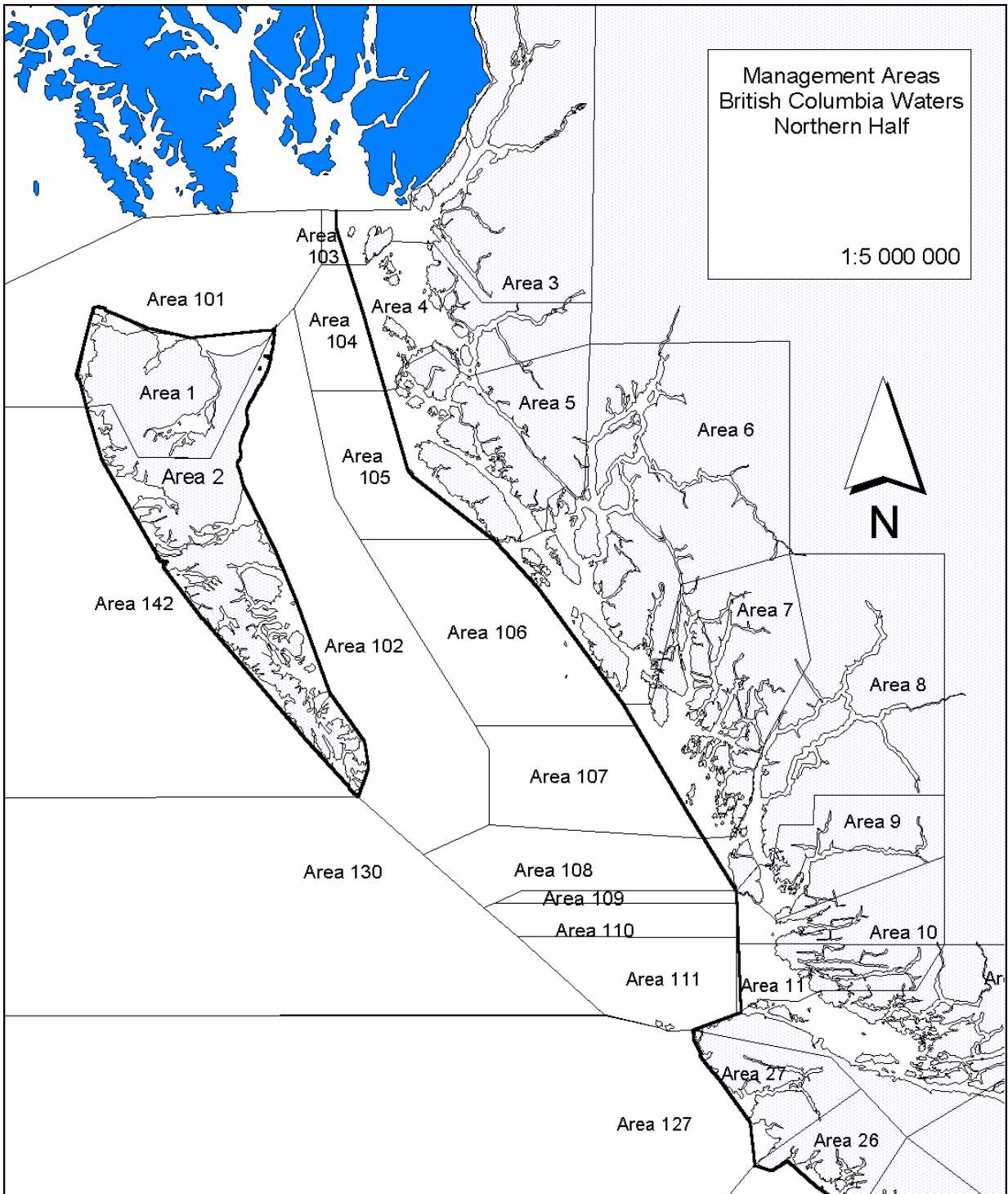
	<u>Area</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
	1	UNK	UNK	0	1,650	UNK
	2E	UNK	8,583	51,249	75,375	0
	2W	0	1,450	30	72,920	0
	3	226,022	94,554	917,635	30,001	14,969
	4	750,662	86,570	1,191,722	2,320	29,067
	5	13,075	550	234,225	2,393	230
	6	8,733	24,895	1,569,275	171,906	135
Total		998,492	215,152	3,964,136	356,565	44,401

**2005 EXPECTATIONS & RESULTS
AREAS 1 TO 6 - QCI, NASS, SKEENA, GRENVILLE-PRINCIPE & BUTEDALE**

4. Commercial Fishery Statistics

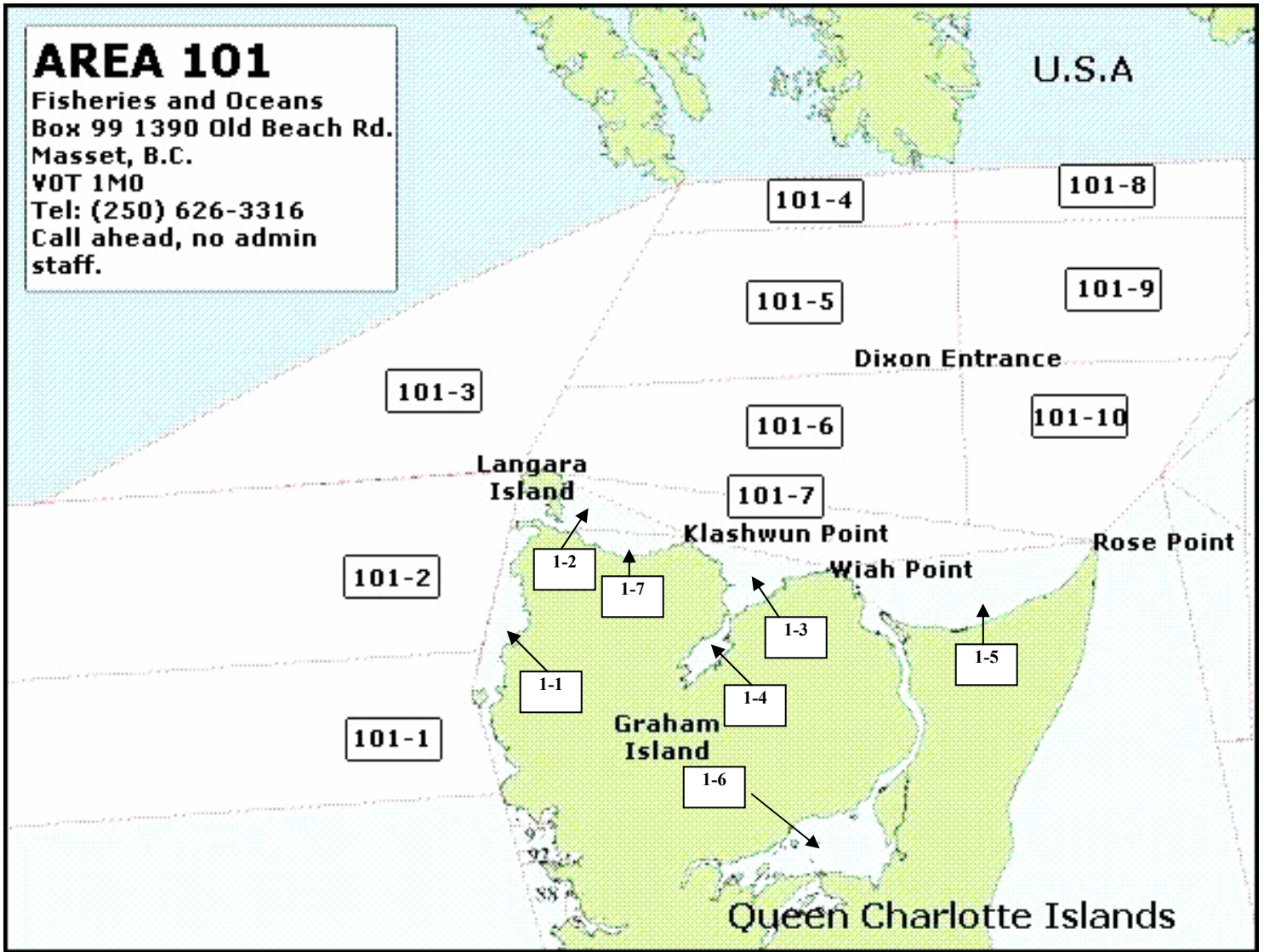
	<u>Area</u>	<u>Date of First Fishery</u>	<u>Date of Last Fishery</u>	<u>Closed for Balance</u>	<u>Number of Openings</u>	<u>Total Boat Days *</u>
Gillnet	1	Sept. 18	Sept. 26	Oct.14	4	0
	2E	Sept. 11	Oct.10	Oct.14	13	44
	2W	Sept. 17	Sept. 25	Oct.14	14	101
	3	Jun. 7	Jul. 29	Jul. 30	16	2,645
	4	Jun. 12	Jun. 19	Jul. 30	2	199
	5			Did not open		
	6	Jul. 11	Aug. 9	Aug. 10	16	909
Seine	1	Sept. 18	Sept. 26	Oct.14	4	0
	2E			Did not open		
	2W	Sept. 17	Sept. 25	Oct.14	4	16
	3	Jul. 11	Aug. 22	Aug. 23	18	291
	4			Did not open		
	5	Aug. 8	Aug. 22	Aug. 22	6	19
	6	Jul. 11	Aug. 15	Aug. 15	18	387
Troll		Apr-01	See Text	On-going		

* Converted to 24 hour days



AREA 101

Fisheries and Oceans
Box 99 1390 Old Beach Rd.
Masset, B.C.
V0T 1M0
Tel: (250) 626-3316
Call ahead, no admin
staff.



2005 Post Season Summary and Assessment

Area 1

First Nations

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2005 to March 31, 2006.

Haida

Sockeye – 567 (terminal) and 8,000 (interception)

Coho – 950 (interception)

Pink – 1,000

Chum – 100

Chinook – 1730

FSC Review - The 2005 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 very poor this season providing minimal opportunities for food harvest with the abundance falling far short of what is required. As a result food fish harvests took place within Dixon Entrance by seine, gillnet and troll gear, particularly in the Langara Island area.

ESSR Review – An ESSR licence is normally provided to allow for the harvest of surplus pink salmon to the Yakoun River during even year returns. There was no ESSR licence issues during the 2005 season.

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 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, 2005 to March 31, 2006.

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 – 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. In addition to a significant fleet made up of independent anglers and charter operators, mostly operating in McIntyre Bay and Virago Sound, there were 9 commercial lodge operations (floating and land based) within Area 1; 6 present at Langara and 3 in Naden Harbour. Approximately 45,000 chinook have been harvested in Area 1 during the 2005 season. This is a decrease of approximately 14% when compared to the total harvest of 52,000 during the 2004 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 chum salmon.

Anticipated net opening dates:

September 12 – First anticipated opening for gillnets only in McIntyre Bay 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, 2005

AREA 1

Gillnets: Masset Inlet

Date	# of gillnets	sockeye	coho	pink	chum	chinook
Sept. 18	0	0	0	0	0	0
Sept. 19	0	0	0	0	0	0
Sept. 25	0	0	0	0	0	0
Sept. 26	0	0	0	0	0	0
Totals:		0	0	0	0	0

Area 1 Total Catch:	0	0	0	0	0	0
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Seines: Masset Inlet

Date	# of seines	sockeye	coho	pink	chum	chinook
Sept. 18	N/A	-	-	-	-	-
Sept. 19	N/A	-	-	-	-	-
Sept. 25	N/A	-	-	-	-	-
Sept. 26	N/A	-	-	-	-	-
Totals:		0	0	0	0	0

Queen Charlotte Islands Food, Social, & Ceremonial Fishery Catch Summary - 2005

Area	Location	Period	Sockeye	Coho	Pink	Chum	Chinook	Comments
1	Yakoun River	early May to early June	291	0	0	0	0	gillnet terminal sockeye
	Awun River	late May to mid June	244	0	0	0	0	gillnet terminal sockeye
	Naden River	mid July to mid August	32	0	0	0	0	gillnet terminal sockeye
	Jalun River	mid July to mid August	0	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	7500	500	1000	75	200	interception seine
	Dixon Entrance	late June to mid August	500	50	0	25	30	interception gillnet
	Dixon Entrance	June, July & August	0	400	0	0	1500	interception troll/sportfish
Area 1 Total Catch			8567	950	1000	100	1730	

Total QCI Food, Social & Ceremonial Harvests	13690	1500	1000	150	2450	
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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 - 2005

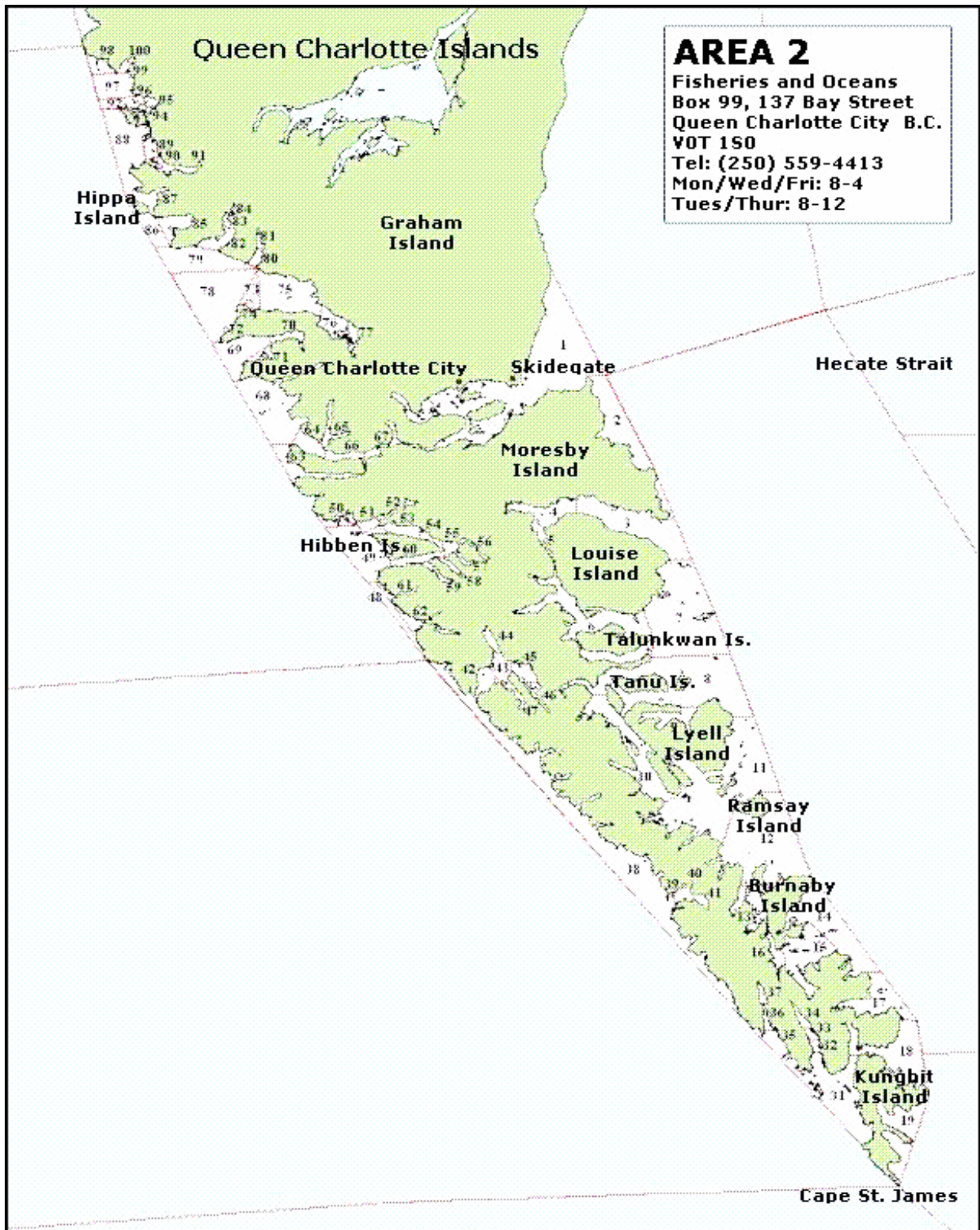
STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>MASSET SUBAREA</u>								
Ain River	N/I	(15,000)	N/I	(20,000)	N/O		1,500	(25,000)
Awun River	N/I	(20,000)	N/I	(8,000)	N/O		N/O	(15,000)
Datlamen Creek	-		N/I	(5,000)	N/O	(30,000)	N/I	
Mamin River	-		N/I	(15,000)	N/O	(50,000)	N/I	
McClinton Creek	-		N/I		N/I		-	
Nadu Creek	-		N/I		-		-	
Yakoun River	1,500	(45,000)	N/I	(45,000)	N/I	(650,000)	N/I	

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

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>NADEN SUBAREA</u>								
Davidson Creek	N/I		N/I		N/I	(100,000)	N/I	
Lignite Creek	N/I		N/I		N/I	(50,000)	N/I	
Naden River	N/I	(20,000)	N/I		N/I	(100,000)	N/I	(20,000)
Stanley Creek	N/I		N/I		2		150	(2,000)

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>OUTSIDE SUBAREA</u>								
Chown River	-		N/I		-		-	
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).



2005 Post Season Summary and Assessment

Area 2 East

First Nations

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2005 to March 31, 2006.

Haida

Sockeye – 123 (terminal)

Coho – 50

Pink – 0

Chum – 0

Chinook – 20

FSC Review - Local food fisheries are normally 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 no opportunity for a community harvest due to very weak returns. A very minimal number of sockeye were harvested at the fence for biological sampling with the fish then going to elders. Skidegate community food fish needs were supplemented by interception fish caught by seine in Area 2 West later in the summer.

ESSR Review – An ESSR licence is normally issued to the Haida Tribal Society to harvest pink salmon (during even years) and enhanced stock coho from Pallant Creek and Braverman Creek. There was no ESSR licence issued during the 2005 season as this was an off year for pink salmon. An “Aboriginal Communal Salmon Fishing Licence” was issued authorizing fishing for an allocation of 35 percent of the total catch of chum and 75 percent of the total allowable catch of coho, as identified in-season by DFO with advice from the In-season Management Advisory Board and the Community Board. Coho returns to Pallant Creek were weaker than anticipated however still allowed for a surplus harvest of 1,459 coho at the Pallant Creek fence for commercial sale. 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.

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., except in Braverman Creek and Pallant Creek which is four per day, only two over 50 cm.

Coho salmon closed November 1, 2005 to March 31, 2006.

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 – The early chinook salmon fishery in East Skidegate during mid March to mid May was reported to be poor to average. 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 2005 terminal season coho abundance was reported to be poor to average by most recreational anglers. Coho returns were reported to be very weak to streams within East Skidegate Inlet, with the Deena River producing very poor results in relation to recreational encounters and harvests of coho.

Commercial Net

Wild chum harvest opportunities will be considered only when surpluses have been identified.

Anticipated net opening dates:

September 11 – 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 2005 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 2 days each week for two weeks beginning September 11. The average catch per unit of effort at the beginning of the terminal season was approximately 220 chum per vessel leading to the expectation that the enhanced terminal chum return to Cumsheewa Inlet would be better than last year but still not as good as anticipated. Gillnet fleet size was approximately 20 vessels, which is twice as many as had participated in 2004 but still less than the more traditional fleet size of 30 or so gillnets. In recent years effort had been influenced by a lack of packers to service the fishery. However, during the 2005 season one packer operating for Cormorant Seafoods was cash buying in addition to two local buyers, Omega Packers located at Skidegate Landing and Albion/Codfather located in Queen Charlotte. After September 22nd gillnet stock assessment openings were discontinued with the intention that further fishing opportunities would be based on identified surpluses. A third 2 day fishing period was offered for gillnets only on October 9 and 10 to re-assess abundance and harvest what was thought to be a very minor surplus (less than 10,000 chum) out of Cumsheewa Inlet.

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 harvest of chum salmon 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. Efforts to match the gillnet harvest occurred on September 21 and 22 with the seine vessel *Ocean Virtue* harvesting 9,605 chum and 69 coho.

Because the coho in Cumshewa Inlet are of hatchery stock coho retention was allowed in all fisheries targeting enhanced stocks.

There were no opportunities to harvest wild stock chum salmon in Area 2 East during the 2005 terminal seas

Queen Charlotte Islands Commercial Net Catch Summary, 2005

AREA 2 EAST

Gillnets: Cumshewa Inlet

Date	# of gillnets	sockeye	coho	pink	chum	chinook
Sept. 11	19	0	152	0	4,181	1
Sept. 12	18	0	171	0	3,222	1
Sept. 17	19	0	186	0	3,906	0
Sept. 18	19	0	150	0	3,609	0
Sept. 22	N/A	-	-	-	-	-
Oct. 9	14	0	24	0	3,682	0
Oct. 10	12	0	17	0	2,210	0
Totals:		0	700	0	20,810	2

Area 2E Total Catch:	0	769	0	30,415	2
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Seines: Cumshewa Inlet

Date	# of seines	sockeye	coho	pink	chum	chinook
Sept. 11	N/A	-	-	-	-	-
Sept. 12	N/A	-	-	-	-	-
Sept. 17	N/A	-	-	-	-	-
Sept. 18	N/A	-	-	-	-	-
Sept. 22	1*	0	69	0	9,605	0
Oct. 9	N/A	-	-	-	-	-
Oct. 10	N/A	-	-	-	-	-
Totals:		0	69	0	9,605	0

* - Cost Recovery seine "Ocean Virtue".

Queen Charlotte Islands Food, Social, & Ceremonial Fishery Catch Summary - 2005

Area	Location	Period	Sockeye	Coho	Pink	Chum	Chinook	Comments
2 East	Copper River	June	123	0	0	0	0	gillnet terminal sockeye
	Skidegate Inlet	early Sept. to mid Oct.	0	50	0	0	20	terminal sportfish
Area 2 East Total Catch			123	50	0	0	20	
2 West	Rennell Sound	August	5000	200	0	50	200	interception seine
	West Skidegate	early June to Sept.	0	300	0	0	500	interception troll/sportfish
Area 2 West Total Catch			5000	500	0	50	700	

Total QCI Food, Social & Ceremonial Harvests	13690	1500	1000	150	2450	
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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 2 EAST STREAM ESCAPEMENTS - 2005

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>TLELL SUBAREA</u>								
Tlell River	-		9,000	(25,000)	5,000	(25,000)	-	

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>SKIDEGATE SUBAREA</u>								
Branch 10 Creek	-		N/I		-		N/I	
Cameron Creek	-		N/I		N/O		40	
Carson Bigalow Creek	-		N/I		-		N/I	
Charlie Hartie Creek	-		N/I		-		N/I	
Crabapple Creek	-		N/I		-		N/I	
Deena River	-		Unk.	(12,000)	Unk.	(100,000)	Unk.	(30,000)
East Narrows Creek	-		N/O		N/O		140	(2,500)
East Narrows Canbouy Creek	-		N/O		N/O		N/O	
East Narrows Dolphine Creek	-		N/O		N/O		40	
Gore Brook Creek	-		N/I		-		N/I	
Haans Creek	-		N/I	(2,500)	N/I	(5,000)	N/I	(2,000)
Honna River	-		N/I	(2,000)	2	(25,000)	500	(10,000)
Indian Cabin Creek	-		24		N/O		2,360	(8,000)
Indian Cabin R/H Creek	-		N/O		N/O		320	
Jarvis Creek	-		N/I		-		N/I	
Lagins Creek	-		80	(3,000)	N/O	(3,500)	4,240	(25,000)
Lagins R/H Creek	-		N/O		N/O		30	
Lawn Creek	-		N/I		-		N/I	
MacMillan Creek	-		N/I		-		N/I	
Maude Island South Creek	-		N/I		-		N/I	
Mud Bay Creek	-		N/O		N/O		340	(3,000)
Muncord Creek	-		N/I		-		N/I	
Outlook Creek	-		N/O		-		320	(2,500)
Sachs Creek	-		N/I	(500)	N/I	(10,000)	N/I	(3,500)
Saltspring Creek	-		N/O	(250)	N/O		560	(2,500)
Saltspring Bay L/H Creek	-		N/O		N/O		120	
Skidegate Chan. South Creek	-		N/I		-		N/I	
Slatechuck Creek	-		76	(2,000)	N/O		5,030	(18,000)
Slatechuck R/H Creek	-		N/O		N/O		40	
South Bay Dump Creek	-		N/I		N/I		N/I	
South Bay Culvert Creek	-		N/I		N/I		N/I	
Tarundl Creek	-		N/O	(1,500)	N/O		30	(5,000)
Two Torrent Creek	-		N/O		N/O		130	(2,500)

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>COPPER SUBAREA</u>								
Blaine Creek	-		N/I		-		-	
Copper River	4,000	20,000	N/I	(15,000)	50,000	(75,000)	N/I	
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 - 2005

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>CUMSHEWA SUBAREA</u>								
Aero Creek	-		N/O		N/O		160	
Braverman Creek	-		500		N/O		N/O	
Carmichael Creek	-		N/O		N/O		30	
Chadsey Creek	-		90		N/O		200	(3,500)
Mathers Creek	N/I	(5,000)	N/I	(8,000)	N/I	(75,000)	N/I	(20,000)
Pallant Creek	-		4,278	(3,000)	64	(45,000)	27,664	(30,000)
Skedans Creek	-		N/I		N/I	(75,000)	-	

The Pallant Creek enhanced chinook salmon escapement is estimated at 197.

Pallant Creek escapements do not include brood stock which totalled 1,644 coho, 12,918 chum and 6 chinook.

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>SELWYN SUBAREA</u>								
Big Goose Creek	-		400	(200)	N/O	(20,000)	1,660	(7,000)
Breaker Bay Creek	-		N/I		N/I		N/I	
Clint Creek (Sewell L/H#3)	-		N/O		N/O		100	(500)
Dana #1 Creek	-		N/O		N/O		3,000	(2,500)
Dana #2 Creek	-		N/O		N/O		105	(500)
Dana #3 Creek	-		N/O		N/O		240	(1000)
Dass Creek	-		N/O		N/O		30	
George Creek (Sewell L/H#2)	-		N/O		N/O		N/O	
Lagoon Creek	-		400	(1,500)	N/O		22,200	(25,000)
Little Goose Creek	-		26	(150)	N/O	(5,000)	1,460	(4,000)
Pacofi Creek	-		250		N/O		650	(3,500)
Sewell Inlet Head Creek	-		N/O	(1,500)	N/O		1,910	(6,500)
Sewell Point Creek	-		4		N/O		50	(500)
Talunkwan Creek	-		N/I		N/I		N/I	
Thorsen Creek (Sewell L/H#1)	-		N/O	(200)	N/O		1,650	(2,000)
Thurston Creek	-		N/O		N/O		N/O	(2,000)
Traynor Creek	-		N/I		N/I		N/I	
Waterfall Creek	-		N/O		N/O		100	(2,000)

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>ATLI SUBAREA</u>								
Beljay Bay Creeks (2)	-		N/I		N/O		N/O	
Moore Creek	-		N/I		N/O		20	(3,000)
Powrivco Creek	-		N/I		N/O		200	(5,000)
Richardson Creek	-		N/I		N/O		50	
Sandy Creek	-		N/I		-		1,000	(4,500)
Takelley Creek	-		N/I		-		N/O	

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>DARWIN SUBAREA</u>								
Anna Inlet Creek	-		N/O		N/O	(3,000)	460	(1,500)
Crescent Creek	-		360	(1,000)	N/O	(20,000)	1,065	(6,500)
Echo Harbour Creek	-		N/I		N/I	(10,000)	N/I	
Kostan Creek	-		N/O		N/O		350	(1,500)
Salmon River	-		N/I	(750)	N/O	(25,000)	7,450	(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 - 2005

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>JUAN PEREZ SUBAREA</u>								
Alder Island Creek	-		N/I		N/I	(10,000)	N/I	(5,000)
Arrow Creek	-		N/I	(250)	N/I		N/I	(2,000)
Gate Creek	-		N/I		N/I	(20,000)	N/I	
Hutton Head Creek	-		N/I		N/O	(15,000)	3,500	(5,000)
Hutton L/H Creek	-		N/I		N/O		1,500	(3,000)
Island Bay L/H Creeks	-		N/I		-		N/I	(2,500)
Island Bay R/H Creeks	-		N/I		-		N/I	(2,000)
Marker Creek	-		N/I		N/I		N/I	
Marshall Creeks (3)	-		N/I		N/O	(7,000)	1,000	(3,000)
Matheson L/H Creek	-		N/I		N/O	(30,000)	1,500	(6,000)
Matheson R/H Creek	-		N/I		N/O	(5,000)	1,000	(3,000)
Sedgwick Creek	-		N/I	(250)	N/O		1,600	(7,000)
Skaat Hbr. Creek (5)	-		N/I	(300)	N/O		N/I	(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	-		N/I	(1,000)	N/O	(1,500)	3,000	(12,000)
George Bay Creek	-		50	(500)	N/O	(1,000)	2,000	(12,000)
Harriet Harbour Creek	-		N/I		-		N/I	(6,000)
Huston Inlet Creek	-		N/I		N/O		N/I	(3,000)
Jedway Creek	-		N/I		-		N/I	(1,500)
Slim Inlet Creek	-		N/I		-		1,500	(1,500)
Tangle Creek	-		N/I		N/O		250	(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).

2005 Post Season Summary and Assessment

Area 2 West

First Nations

Salmon fishing for food, social, and ceremonial purposes is open April 1, 2005 to March 31, 2006.

Haida

Sockeye – 5,000 (interception)

Coho – 500 (interception)

Pink – 0

Chum – 50

Chinook – 700

FSC Review - There were no attempts at harvesting terminal stocks for food fish in Area 2 West during the 2005 season. The interception harvest of passing sockeye salmon stocks occurred by seine at Rennell Sound in August. Food fish harvests by troll gear occur mostly in the West Skidegate area.

ESSR Review – There were no ESSR licences issues for Area 2 West during 2005.

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, 2005 to March 31, 2006.

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 – The interception salmon sport fishery begins around early April. Initial effort is mostly by local independent anglers departing out of Queen Charlotte and Sandspit, however the most significant portion of the sportfishing season develops late May and continues to mid September. In addition to a significant fleet made up of independent anglers and charter operators, mostly operating in the West Skidegate area, 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 2005 interception season. Approximately 23,000 chinook have been harvested in Area 2 West during the 2005 season. This is very similar to the approximately 22,000 chinook harvested during the 2004 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 – Harvest opportunities for surplus chum salmon began on September 17 and 18 in Tasu Sound. At the time chum salmon were building up in Wilson Bay and outer Botany Inlet. Extreme low water conditions were preventing any movement of stocks in stream and although a surplus was thought to be present it was too early to be defined. A precautionary approach was taken by allowing for a gillnet only opportunity to occur in conjunction with a gillnet only fishery in Cumshewa Inlet. During this first two day opening 8 gillnets harvested 7,500 chum with only 6 coho encounters (non-retention).

A second two day opportunity to harvest surplus chum out of Tasu Sound occurred the following week on September 24 and 25. The area was open to both gillnets and seines. Recent rainfall events had chum salmon moving into the stream systems and there was an obvious build up of surplus chum in the area. A fleet of 14 gillnets and 9 seines harvested approximately 10,500 chum and 66,000 chum respectfully. One seine harvested over 244,000 pounds (estimate over 24,000 pieces in one set in Botany Inlet). Quality of chum was not as good as what was harvested the previous week. In addition, coho encounters increased significantly over the previous week with an average of 4 per day per gillnet and 40 per day for seines for a potential coho encounter rate of 1,000 coho (non-retention) over the two day fishery.

No additional harvest opportunities were provided in consideration of conservation of coho.

There were no other harvest opportunities on wild stock chum salmon in Area 2 West during the 2005 season.

AREA 2 WEST STREAM ESCAPEMENTS - 2005

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>ATHLOW/OTARD SUBAREA</u>								
Celestial River	-		N/I	(1,500)	N/I	(10,000)	N/I	(4,000)
Coates Creek	-		N/I	(5,000)	N/I		N/I	
Hobbs Creek	-		N/I		N/I		N/I	(2,000)
Mace Creek	-		N/I	(1,500)	N/I		N/I	(5,000)
Mercer Creek	3,500	(10,000)	N/I	(2,000)	N/I	(10,000)	N/I	(5,000)
Nesto Creek (inner)	-		N/I		N/I		N/I	(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/I	(1,000)	-		2,500	(2,500)

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>RENNELL SUBAREA</u>								
Bonanza Creek	-		N/I	(1,500)	N/I	(25,000)	N/I	(1,000)
Clapp Basin Creek	-		N/I		-		1,500	
Clonard Bay Creek	-		N/I		N/I		N/I	(1,000)
Givenchy Anchorage Creek	-		N/I		N/I		N/I	
Gregory Creek	-		N/I	(500)	N/I	(25,000)	N/I	(1,000)
Indian Bay Creek	-		N/I		N/O		20	
Kano Creek (head)	-		N/I		2	(20,000)	250	(4,000)
Kano Creek (outer)	-		N/I		N/I	(8,000)	N/I	(3,000)
Mountain Creek	-		N/I		N/O		1,500	(2,000)
Rennell Creek	-		N/I		N/O		1,000	(1,500)
Riley Creek	-		N/I	(2,000)	N/I	(20,000)	N/I	(4,000)
Rock Run Creek	-		N/I	(1,000)	N/I		N/I	(3,500)
Seal Inlet Creek	-		N/I	(1,000)	N/I	(10,000)	N/I	(6,000)
Shields Creek	-		N/I		N/I		N/I	
Tartu Creek (head)	-		N/I	(750)	N/I	(17,500)	N/I	(2,500)
Tartu Creek (outer)	-		N/I	(500)	N/I	(15,000)	N/I	(2,000)
Yakoun Trail Creek	-		N/I		N/I		N/I	(1,500)

STREAM	SOCKEYE		COHO		PINK		CHUM	
<u>W. SKIDEGATE SUBAREA</u>								
Buck Channel Creek #8	-		N/I		N/I		150	
Buck Channel Creek #5	-		N/I		N/I		4	
Buck Channel Creek #4	-		N/I		N/I		N/I	
Buck Channel Creek #1	-		N/I		N/I		N/I	
Buck Channel Creek #6	-		N/I		N/I		N/O	
Buck Channel Creek #3	-		N/I		N/I		600	
Buck Channel Creek #2	-		N/I		N/I		100	
Canoe Pass Creek	-		N/I		1		250	(2,000)
Dawson Harbour Creek	-		100	(300)	N/I		2,000	(3,000)
Dawson Inlet Creek	-		N/I	(200)	N/I		N/O	(1,000)
Government Creek	-		N/I	(2,000)	30	(36,000)	400	(7,500)
Trounce Creek (head)	-		N/I	(300)	N/I		800	(4,000)
Trounce R/H Creek	-		N/I		N/I		1,500	(3,500)
West Narrows Creek	-		N/I		N/I		1,000	(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).

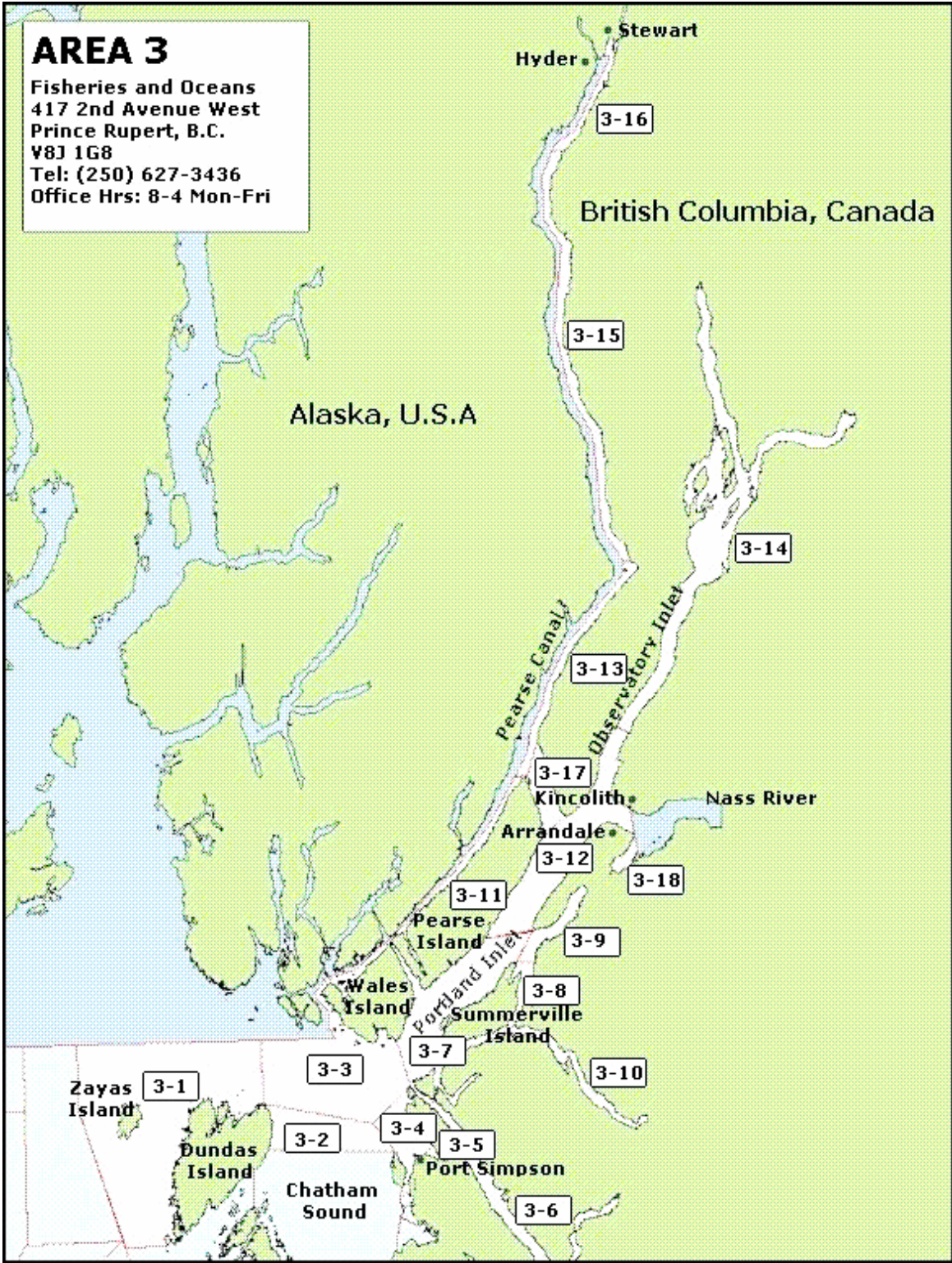
AREA 2 WEST STREAM ESCAPEMENTS - 2005

STREAM	SOCKEYE		COHO		PINK		CHUM	
ENGLEFIELD SUBAREA								
Boomchain Bay Creek	-		N/I		N/I		N/I	
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/I		N/O	(10,000)	200	(1,500)
Kaisun Creek	-		50	(500)	N/O	(30,000)	N/O	(1,500)
Kootenay Inlet Creek (north)	-		N/I	(500)	N/I		N/I	(5,000)
Kootenay Inlet Creek (south)	-		N/I	(500)	N/I		N/I	(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 Creeks (3)	-		-		-		600	(1,000)
Peel Inlet Creek (head)	-		150	(200)	N/O		3,000	(3,500)
Peel Inlet L/H #1 Creek	-		N/O		N/O		650	(1,500)
Peel Inlet L/H #2 Creek	-		100	(200)	N/O		5,000	(3,500)
Security Inlet L/H Creek	-		N/O	(2,000)	N/O	(40,000)	1,000	(15,000)
Security Inlet R/H Creek	-		150	(1,000)	N/O	(20,000)	500	(5,000)

STREAM	SOCKEYE		COHO		PINK		CHUM	
TASU SUBAREA								
Botany Inlet Creek (head)	-		40	(300)	N/O		10,000	(5,000)
Botany Inlet Creek (outer)	-		N/O		N/O		12,000	(4,000)
Edwards Creek	-		N/I		-		N/O	
Fairfax Inlet Creek	N/I	2,000	N/O	(1,000)	N/O		5,000	(3,000)
Fairfax Outer Creek	-	2,000	N/O	(1,000)	N/O		1,600	(3,000)
Flat Creek	-		500		N/O		3,500	(2,000)
Lomgon Creek	-		110		N/O		N/O	
Tasu Creek	-		150	(1,000)	N/O	(2,000)	8,500	(10,000)
Wilson Bay Creek	-		4		-		800	(2,000)

STREAM	SOCKEYE		COHO		PINK		CHUM	
SOUTH SUBAREA								
Flamingo Inlet Creek	-		N/I		N/I		N/I	
Louscoone Inlet Creek (outer)	-		N/I		N/I		N/I	
Louscoone Inlet Creek	-		N/I		N/I		N/I	
Sperm Bay Creek	-		N/I		N/I		N/I	
Staki Creek	-		N/I		N/I		N/I	
Goski Bay Creek	-		N/I		N/I		1,300	
Yakulanans Creek	-		N/I		N/I		1,200	

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 3 2005 Post Season Summary and Assessment (RMS Summary)

FIRST NATIONS

Salmon fishing for food, social, and ceremonial purposes is open year-round, 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 - 5,240
Coho - 2,650
Chum - 2,450
Chinook 5,000

If a surplus of sockeye develops at the Meziadin Fishway, an ESSR fishery may 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 the 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.

AREA 3 COMMERCIAL NET FISHERY SUMMARY (2005)

The Area 3 net fishery was planned in anticipation of harvesting a surplus of 300,000 to 400,000 Nass sockeye and 1.5 to 2 million pink while meeting a number of commitments. These commitments included managing in accordance to the Nisga'a Treaty, the Pacific Salmon Treaty, allocation issues, chum and Skeena coho conservation concerns, chinook rebuilding and steelhead escapement goals. Some of the restrictions put into place to deal with these commitments were, closed areas, daylight only fisheries, non-retention coho (while fishing outside Area 3) & steelhead for both gear types, mandatory brailing for seines, non-retention chinook for seines and a request to release all live chinook for gill nets. In addition the Area 3 fishery started the year with non-retention chum for seines and a request to release all live chum for gill nets. An attempt to re-allocate coho to nets from trollers was also planned to balance the allocation of salmon between gear types.

The first Nass gill net sockeye opening took place June 7th with 150 vessels actively taking part in the fishery. Catches in Area 3 were poor and did not improve until the third week of fishing. On July 11th, a half mile ribbon boundary closure around the Wales Island shore was implemented in order to reduce the incidental chum catch by gill nets. The ribbon boundary closer was extended on July 12th and again July 28th until it include all of the shore line of Wales and Pearse Islands with in sub-areas 3-3, 3-7 and 3-12.

Poor returns of Skeena sockeye and no Area 4 fishery resulted in high gear counts in Area 3. The highest number of gillnets operating in Area 3 occurred July 11th with 421 observed actively fishing. The total number of openings was 16 for 3968 vessel operating days compared to the 10 year average of 3890 vessel operating days and 27 openings.

The first seine opening occurred July 11th with 22 vessels actively taking part. Fishing started off slow and improved in conjunction with a moderate pink return. It became evident that coho returns were strong and that the outside portions of Area 3 would likely remain closed in order to protect Skeena sockeye. This combination of good Area 3 coho returns and the closed outside portions of Area 3 where Skeena coho are prevalent allowed nets to retain coho as of July 18th. The incidental seine catch of chum was also high early in the year resulting in retention chum fisheries on July 18th and 21st. The purpose was to test whether it was better to fish two days a week with the retention of chum or four days non-retention. Chum catches did not hold and pink catches were high therefore after two openings the seine fishery went to non-retention chum with a four day a week fishery. The 2005 final chum catch for seines in Area 3 was 7,167 pieces. Pink fishing in Area 3 held strength from mid July to the first week in August. The peak seine fleet operating in Area 3 occurred July 28 & 29 with 39 vessels actively fishing. The total number of openings was 18 for 436 vessel operating days compared to the 10 year average of 944 vessel operating days and 21 openings.

The total Area 3 hailed net catch was 181,239 sockeye and 2,499,501 pinks. This compares to the 10 year average catch of 471,889 sockeye and the five odd year average of 2,276,511 pinks. The net catch of coho was 43,744 for seines and 4008 for gill nets.

AREA 3 COMMERCIAL SEINE CATCH BY WEEK FOR 2005

DATE	SUB-AREA	# OF SEINES	HOURS OPEN	BOAT DAYS FISHING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	OPEN MANAGEMENT UNITS
WEEK 29										
11-Jul	3-1		0	0						Closed
	3-2/4	9	16	6	1347	0	22500	0	0	3-2, 3 & 4
	3-7/17	13	16	9	1364	0	18450	0	0	3-7,9,11,12p,13 & 17
	TFD	22	16	15	2711	0	40950	0	0	
12-Jul	3-1		0	0						Closed
	3-2/4	10	16	7	915	0	39400	0	0	3-2, 3 & 4
	3-7/17	6	16	4	601	0	7297	0	0	3-7,9,11,12p,13 & 17
	TFD	16	16	11	1516	0	46697	0	0	
TFW	3-2/4	19	32	13	2262	0	61900	0	0	
	3-7/17	19	32	13	1965	0	25747	0	0	
	TFW	38	32	25	4227	0	87647	0	0	
WEEK 30										
18-Jul	3-1	0	0	0						Closed
	3-2/4	9	16	6	372	1083	30956	3096	0	3-2, 3 & 4
	3-7/17	6	16	4	266	378	26890	1112	0	3-7,9,11,12p,13 & 17
	TFD	15	16	10	638	1461	57846	4208	0	
19-Jul	3-1	0	0	0						Closed
	3-2/4	0	0	0	0	0	0	0	0	3-2, 3 & 4
	3-7/17	0	0	0	0	0	0	0	0	3-7,9,11,12,13 & 17
	TFD	0	0	0	0	0	0	0	0	
21-Jul	3-1	0	0	0						Closed
	3-2/4	5	16	3	1039	1079	95753	2684	0	3-2, 3 & 4
	3-7/17	2	16	1	173	59	21000	275	0	3-7,9,11,12p,13 & 17
	TFD	7	16	5	1212	1138	116753	2959	0	
TFW	3-2/4	14	32	9	1411	2162	126709	5780	0	
	3-7/17	8	32	5	439	437	47890	1387	0	
	TFW	22	32	15	1850	2599	174599	7167	0	
	TTD	60	64	40	6077	2599	262246	7167	0	
WEEK 31										
25-Jul	3-1	0	0	0						Closed
	3-2/4	11	16	7	1988	1218	108967	0	0	3-2, 3 & 4
	3-7/17	24	16	16	7151	4000	203827	0	0	3-7,9,11,12p,13 & 17
	TFD	35	16	23	9139	5218	312794	0	0	
26-Jul	3-1	0	0	0						Closed
	3-2/4	10	16	7	990	690	44600	0	0	3-2, 3 & 4
	3-7/17	25	16	17	3403	2275	135206	0	0	3-7,9,11,12p,13 & 17
	TFD	35	16	23	4393	2965	179806	0	0	
28-Jul	3-1									
	3-2/4	11	16	7	1059	1046	91467	0	0	Closed

	3-7/17	28	16	19	3810	2704	138607	0	0
	TFD	39	16	26	4869	3750	230074	0	0
29-Jul	3-1								
	3-2/4	13	16	9	1910	1567	102500	0	0
	3-7/17	26	16	17	2773	2914	117381	0	0
	TFD	39	16	26	4683	4481	219881	0	0
TFW	3-1		0	0					
	3-2/4	45	64	30	5947	4521	347534	0	0
	3-7/17	103	64	69	17137	11893	595021	0	0
	TFW	148	64	99	23084	16414	942555	0	0
	TTD	208	128	139	29161	19013	1204801	7167	0
WEEK 32									
01-Aug	3-1								
	3-2/4	10	16	7	735	1055	85800	0	0
	3-7/17	17	16	11	1846	2270	74560	0	0
	TFD	27	16	18	2581	3325	160360	0	0
02-Aug	3-1		0	0					
	3-2/4	12	16	8	596	1250	78300	0	0
	3-7/17	21	16	14	3949	3626	118699	0	0
	TFD	33	16	22	4545	4876	196999	0	0
04-Aug	3-1								
	3-2/4	11	16	7	657	597	92400	0	0
	3-7/17	24	16	16	2787	3190	120263	0	0
	TFD	35	16	23	3444	3787	212663	0	0
05-Aug	3-1								
	3-2/4	13	16	9	1180	1115	68954	0	0
	3-7/17	22	16	15	1836	1924	67712	0	0
	TFD	35	16	23	3016	3039	136666	0	0
TFW	3-1								
	3-2/4	46	64	31	3168	4017	325454	0	0
	3-7/17	84	64	56	10418	11010	381234	0	0
	TFW	130	64	87	13586	15027	706688	0	0
TTD	ALL AREAS	338	192	225	42747	34040	1911489	7167	0
WEEK 33									
08-Aug	3-1								
	3-2/4	5	16	3	311	570	45111	0	0
	3-7/17	15	16	10	1296	1595	60678	0	0
	TFD	20	16	13	1607	2165	105789	0	0
09-Aug	3-1		0	0					
	3-2/4	9	16	6	698	800	63554	0	0
	3-7/17	11	16	7	949	980	32571	0	0
	TFD	20	16	13	1647	1780	96125	0	0
11-Aug	3-1								
	3-2/4	8	16	5	176	282	9660	0	0
	3-7/17	14	16	9	711	1730	24248	0	0

3-2, 3 & 4
3-7,9,11,12p,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

	TFD	22	16	15	887	2012	33908	0	0
12-Aug	3-1								
	3-2/4	5	16	3	345	416	12442	0	0
	3-7/17	15	16	10	896	1188	27808	0	0
	TFD	20	16	13	1241	1604	40250	0	0
TFW	3-1								
	3-2/4	27	64	18	1530	2068	130767	0	0
	3-7/17	55	64	37	3852	5493	145305	0	0
	TFW	82	64	55	5382	7561	276072	0	0
<hr/>									
WEEK 34									
15-Aug	3-1								
	3-2/4	1	16	1	50	70	3000	0	0
	3-7/17	8	16	5	847	924	20842	0	0
	TFD	9	16	6	897	994	23842	0	0
TFW	3-1								
	3-2/4	1	16	1	50	70	3000	0	0
	3-7/17	8	16	5	847	924	20842	0	0
	TFW	9	16	6	897	994	23842	0	0
<hr/>									
WEEK 35									
22-Aug	3-1								
	3-2/4	0	16	0	0	0	0	0	0
	3-7/17	7	16	5	702	1149	13834	0	0
	TFD	7	16	5	702	1149	13834	0	0
TFW	3-1								
	3-2/4	0	16	0	0	0	0	0	0
	3-7/17	7	16	5	702	1149	13834	0	0
	TFW	7	16	5	702	1149	13834	0	0
<hr/>									
TTD	3-1								
	3-2/4	152	288	101	14368	12838	995364	5780	0
	3-7/17	284	288	189	35360	30906	1229873	1387	0
<hr/>									
TTD	ALL AREAS	436	576	291	49728	43744	2225237	7167	0

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

Closed
3-2p, 3p & 4
3-7,9,11,12,13 & 17

AREA 3 COMMERCIAL GILLNET CATCH BY WEEK FOR 2005

DATE	SUB-AREA	# OF GILLNETS	HOURS OPEN	BOAT DAYS FISHING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	OPEN MANAGEMENT UNITS
WEEK 24										
07-Jun	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	18	16	12	173	0	0	6	18	3-3p
	3-7/17	132	16	88	826	0	0	2	112	3-7 & 12
	TFD	150	16	100	999	0	0	8	130	
	3-2/4	18	16	12	173	0	0	6	18	
	3-7/17	132	16	88	826	0	0	2	112	
	TFW	150	16	100	999	0	0	8	130	
WEEK 25										
14-Jun	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	37	16	25	378	0	3	10	69	3-3p
	3-7/17	198	16	132	3695	0	0	38	441	3-7 & 12
	TFD	235	16	157	4073	0	3	48	510	
	3-2/4	37	16	25	378	0	3	10	69	
	3-7/17	198	16	132	3695	0	0	38	441	
	TFW	235	16	157	4073	0	3	48	510	
WEEK 26										
20-Jun	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	23	16	15	813	0	13	16	25	3-3p
	3-7/17	256	16	171	11730	0	64	82	858	3-7 & 12
	TFD	279	16	186	12543	0	77	98	883	
21-Jun	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	44	16	29	1507	0	22	24	36	3-3p
	3-7/17	204	16	136	6150	0	91	200	155	3-7 & 12
	TFD	248	16	165	7657	0	113	224	191	
	3-2/4	67	32	45	2320	0	35	40	61	
	3-7/17	460	32	307	17880	0	155	282	1013	
	TFW	527	32	351	20200	0	190	322	1074	
	TTD	912	64	608	25272	0	193	378	1714	
WEEK 27										
27-Jun	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	49	16	33	2653	0	2079	1458	30	3-3p
	3-7/17	259	16	173	11258	0	4052	558	449	3-7 & 12
	TFD	308	16	205	13911	0	6131	2016	479	
28-Jun	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	84	16	56	2838	0	2596	1578	42	3-3p
	3-7/17	214	16	143	5275	0	4072	851	151	3-7 & 12
	TFD	298	16	199	8113	0	6668	2429	193	
30-Jun	3-1	0	0	0	0	0	0	0	0	Closed

	3-2/4	70	16	47	3276	0	6815	3279	10	3-3p
	3-7/17	239	16	159	12191	0	11774	1807	46	3-7 & 12
	TFD	309	16	206	15467	0	18589	5086	56	
TFW	3-2/4	203	48	135	8767	0	11490	6315	82	
	3-7/17	712	48	475	28724	0	19898	3216	646	
	TFW	915	48	610	37491	0	31388	9531	728	
TTD	3-2/4	325	112	217	11638	0	11528	6371	230	
	3-7/17	1502	112	1001	51125	0	20053	3538	2212	
	TTD	1827	176	1218	62763	0	31581	9909	2442	
WEEK 28										
04-Jul	3-1		0							Closed
	3-2/4	52	16	35	1784	0	4877	4665	4	3-2, 3 & 4
	3-7/17	258	16	172	13201	0	9306	5520	290	3-7 & 12
	TFD	310	16	207	14985	0	14183	10185	294	
05-Jul	3-1		0							Closed
	3-2/4	30	16	20	870	0	2460	2850	12	3-2, 3 & 4
	3-7/17	281	16	187	7365	0	12321	9169	175	3-7 & 12
	TFD	311	16	207	8235	0	14781	12019	187	
TFW	3-2/4	82	32	55	2654	0	7337	7515	16	
	3-7/17	539	32	359	20566	0	21627	14689	465	
	TFW	621	48	414	23220	0	28964	22204	481	
WEEK 29										
11-Jul	3-1			0						Closed
	3-2/4	33	16	22	2586	0	3908	1762	135	3-2, 3 & 4
	3-7/17	388	16	259	17806	0	52443	9930	75	3-7,9,11,12,13 &
	TFD	421	16	281	20392	0	56351	11692	210	17
12-Jul	3-1			0						Closed
	3-2/4	34	16	23	510	0	2011	512	6	3-2, 3 & 4
	3-7/17	310	16	207	6461	0	30944	5999	61	3-7,9,11,12,13 &
	TFD	344	16	229	6971	0	32955	6511	67	17
TFW	3-2/4	67	32	45	3096	0	5919	2274	141	
	3-7/17	698	32	465	24267	0	83387	15929	136	
	TFW	765	48	510	27363	0	89306	18203	277	
WEEK 30										
18-Jul	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	47	16	31	987	1316	11562	3102	0	3-2, 3 & 4
	3-7/17	191	16	127	4041	379	32331	3830	24	3-7,9,11,12,13 &
	TFD	238	16	159	5028	1695	43893	6932	24	17
19-Jul	3-1	0	0	0	0	0	0	0	0	Closed
	3-2/4	39	16	26	585	902	10429	3309	14	3-2, 3 & 4
	3-7/17	211	16	141	3500	681	25751	2652	52	3-7,9,11,12,13 &
	TFD	250	0	167	4085	1583	36180	5961	66	17

21-Jul	3-1		0	0	0	0	0	0	0	0	Closed
	3-2/4	0	0	0	0	0	0	0	0	0	Closed
	3-7/17	101	16	67	2131	256	13191	1457	29	17	3-7,9,11,12,13 &
	TFD	101	16	67	2131	256	13191	1457	29		
TFW	3-2/4	86	32	57	1572	2218	21991	6411	14		
	3-7/17	503	48	335	9672	1316	71273	7939	105		
	TFW	589	48	393	11244	3534	93264	14350	119		
	TTD	3802	320	2535	124590	3534	243115	64666	3319		
WEEK 31											
25-Jul	3-1	0	0	0	0	0	0	0	0	0	Closed
	3-2/4	0	0	0	0	0	0	0	0	0	Closed
	3-7/17	0	0	0	0	0	0	0	0	0	Closed
	TFD	0	0	0	0	0	0	0	0	0	
26-Jul	3-1	0	0	0	0	0	0	0	0	0	Closed
	3-2/4	0	0	0	0	0	0	0	0	0	Closed
	3-7/17	0	0	0	0	0	0	0	0	0	Closed
	TFD	0	0	0	0	0	0	0	0	0	
28-Jul	3-1										
	3-2/4	0	0	0	0	0	0	0	0	0	Closed
	3-7/17	81	16	54	4840	304	16322	1308	0	0	3-12 & 17
	TFD	81	16	54	4840	304	16322	1308	0		
29-Jul	3-1	0	0	0	0	0	0	0	0	0	
	3-2/4	0	0	0	0	0	0	0	0	0	Closed
	3-7/17	85	16	57	2081	170	14827	510	26	0	3-12 & 17
	TFD	85	0	57	2081	170	14827	510	26		
TFW	3-1		0	0							
	3-2/4	0	0	0	0	0	0	0	0	0	
	3-7/17	166	32	111	6921	474	31149	1818	26		
	TFW	166	32	111	6921	474	31149	1818	26		
	TTD	3968	352	2645	131511	4008	274264	66484	3345		

AREA 3 2005 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 21/05

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.	2000	N.O.		
	BRUNDIGE CREEK WEST			N.I.	N.I.		
	SANDY BAY CREEK		N.I.	4500	N.O.		
	STUMAUN CREEK		N.I.	12800	28		
	TRACY BAY #2 CREEK		N.I.	2180	4		
	TRACY CREEK		N.I.	2500	3		
	WHITLY POINT CREEK		N.I.	Adults Pres.			
NASS RIVER	ANSEDAGAN CREEK		On going	N.I.	N.I.		
	BROWN BEAR CREEK	680	130				
	BURTON CREEK			N.I.	N.I.		
	CHAMBERS CREEK		N.I.	Adults Pres.	Adults Pres.	N.I.	
	DAMDOCHAX RIVER AND LAKE	N.I.	N.I.			1076	
	DISKANGIEG CREEK		On going				
	FLEWIN CREEK			N.I.			
	GINGIT CREEK	6129	N.I.	N.I.	N.I.		
	GINLULAK CREEK		On going	N.I.	N.I.		
	IKNOUK RIVER		N.I.	250000	N.I.	N.I.	
	KINCOLITH RIVER**		Adults Pres.	20000	101	794	
	KWINAGEESE RIVER*	3204	2554			838	
	MEZIADIN RIVER AND LAKE	142859	7188	10		641	
	UPPER NASS UNACCOUNTED	73150	77982	Adults Pres.	Adults Pres.	10870	
	WELDA CREEK			N.I.			
ZOLZAP CREEK	N.I.	On going	N.I.	N.I.			
*Fence count for sk & coho between the dates of Aug 12 to Oct 28, no extrapolation							
**Estimate based mainly on fence count between June 09 to Sept 15							
OBSERVATORY INLET	ILLIANCE RIVER		N.I.	3000	150		
	KITSAULT RIVER		Adults Pres.	Adults Pres.	Adults Pres.	Adults Pres.	
	KSHWAN RIVER		N.I.	Adults Pres.	2000		
	SALMON COVE CREEK		On going	6000	Adults Pres.		
	STAGOO CREEK		N.I.	16000	15000		
	WILAUKS CREEK		N.I.	5000	150		
PORTLAND CANAL	BELLE BAY CREEK		N.I.	Adults Pres.			
	DOGFISH BAY CREEK		N.I.	40000	Adults Pres.		
	DONAHUE CREEK		N.I.	N.I.	N.I.		
	GEORGIE RIVER		N.I.	N.I.	N.I.	N.I.	
	ROBERSON CREEK		N.I.	N.I.	N.I.		
PORTLAND INLET	CEDAR CREEK		N.I.	1600	36		
	CRAG CREEK		N.I.	9000	100		
	CROW LAGOON CREEK		N.I.	2330	14		
	KHUTZEYMATEEN RIVER		5000	200000	7500	350	
	KWINAMASS RIVER		N.I.	275000	Adults Pres.	400	
	LARCH CREEK		N.I.	1000	4		
	LIZARD CREEK		N.I.	9300	200		
	MANZANITA COVE CREEK		N.I.	2000	16		
	MOUSE CREEK		N.I.	12500	27		
	PIRATE COVE CREEK		N.I.	1700	35		
	TSAMSPANAKNOK BAY CREEK		N.I.	3015	8		
	WORK CHANNEL	ENSHESHESE RIVER		1700	20000	2000	
		LACHMACH RIVER		Adults Pres.	15000	125	
TOON RIVER			Adults Pres.	1200	2500	Adults Pres.	
AREA 3 TOTAL		226022	94554	917635	30001	14969	

NO - NONE OBSERVED, NI - NOT INSPECTED, ADULTS PRES - INADEQUATE INFORMATION TO MAKE ESTIMATE

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

Nass and Skeena

No ESSR sockeye opportunities were identified on the Skeena River for the 2005 season. Sockeye escapements to the Nass River did not exceed spawning requirements. 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 were negotiated in advance of the season and formal allocation agreements were drawn up. All harvesting activities in this fishery must 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 & 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, beachseines, fishwheel, .
		Dip nets
Wet'suwet'en	15,000 Pink	Moricetown Canyon. Harvest Method: Dipnet
Babine Lake First Nations	0 Sox	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	
Wet'sutwet'en	0	5,469 Bulkley R.
	Sockeye	Pink

Babine Lake First Nations	0	
	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.

ECONOMIC OPPORTUNITY DEMONSTRATION FISHERY

As outlined in the 2005 North Coast Salmon IFMP, DFO was prepared to move forward with an inland economic opportunity for sockeye salmon on the Skeena River. The intent was to move forward with a demonstration fishery on the inland portions of the Skeena Watershed utilizing selective harvest methods.

As a result of poor returns to the Skeena system for 2005, this fishery did not proceed.

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) The Tsimshian Tribal Council (TTC) - Lax Kwalaams (Port Simpson).
- b) The Nisga'a Tribal Council (NTC) - 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 Tribal Council (TTC) - Member bands are Lax Kwalaams (Port Simpson), Metlakata, Kitkatla, Kitsum Kalum 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. As in recent years, all the 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.

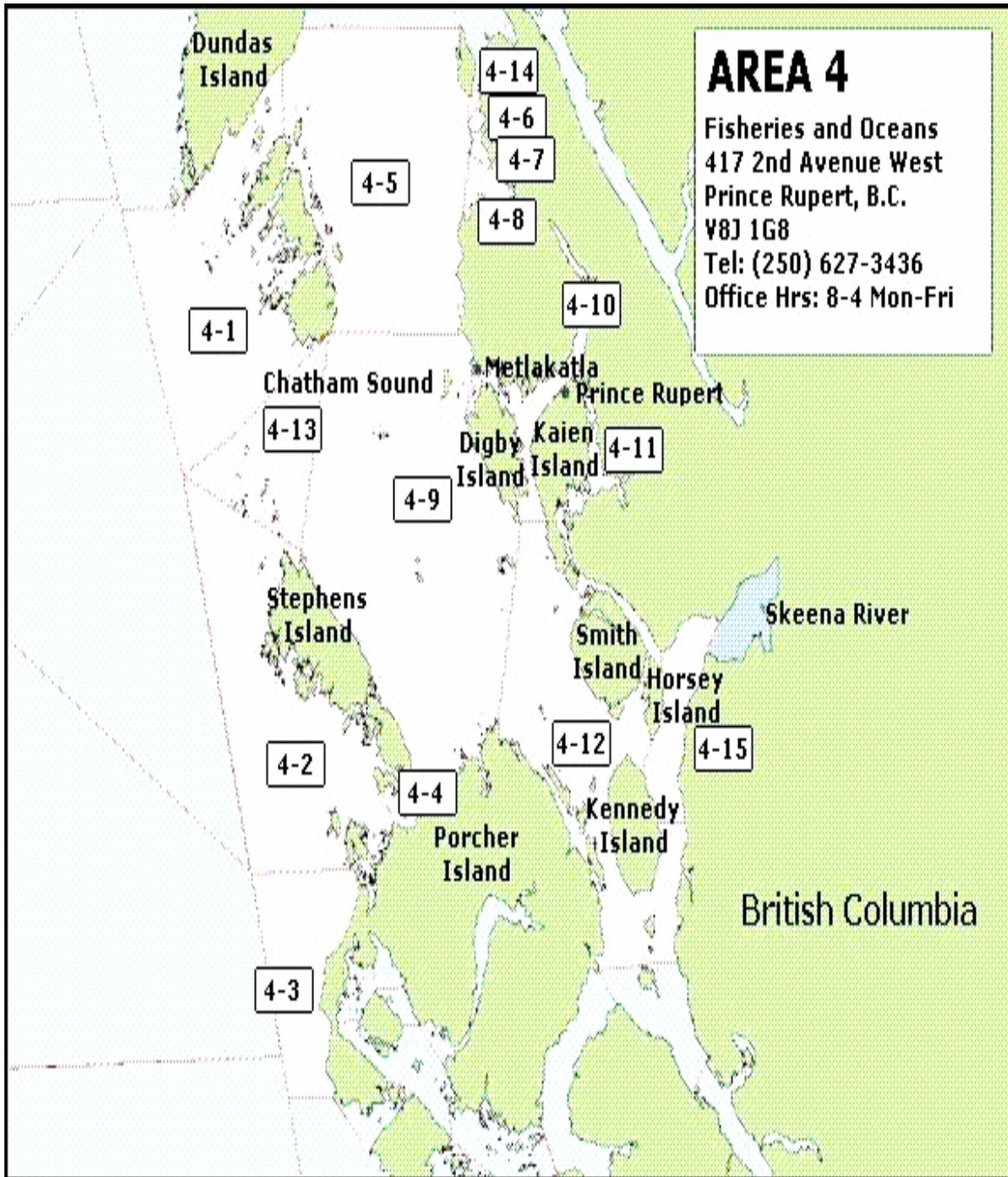
AREA 6

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 is represented by the Tsimshian Tribal council. FSC salmon are negotiated and agreed to by the Tribal Council. 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 4 2005 Post Season Summary and Assessment (RMS Summary)

FIRST NATIONS

Salmon fishing for food, social, and ceremonial purposes is open year round, 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 - 5,240
Coho - 2,650
Chum - 2,450
Chinook 5,000

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

For Skeena River sockeye and pink salmon 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 weekly target exploitation rate will be set. During the season, the actual exploitation rate applied by the commercial fishery will be calculated using the Skeena Management

Model. If the weekly target exploitation rate has not been met by the commercial fleet, then a surplus will be declared in-river.

Skeena sockeye salmon take on average three weeks to migrate from the location of the Tyee test fishery at the mouth of the river to Babine Lake. As in the commercial fishery, weekly exploitation rates on sockeye will drive the weekly pilot sales (ESSR) allocations. This change, from weekly escapements expressed in number of adult sockeye escaping into the Skeena, to weekly exploitation rates is in response to recent concerns for certain wild sockeye stocks in the Skeena watershed. Weekly exploitation rates will vary, with the greatest exploitation rate reductions in the early season when the early non-Babine stocks are prevalent.

In 2005 it is anticipated that time and area management similar to that used in the commercial net fisheries will be utilized to more effectively manage this fishery. This will be particularly important downstream of the confluence of the Skeena River and the Babine River, where the mixed stock nature of the fishery dictates that a lower overall exploitation rate is exerted on the stocks.

Due to this difference in stock mix, the Skeena River ESSR fishery has been separated into an “A” fishery and a “B” fishery. The “A” fishery management actions will be based on the stock mix found at the mouth of the Skeena River. The “B” fishery management actions will be based on the stock mix found once the sockeye enter the Babine River system.

Conduct Of The “A” Fishery

In any given week, there will be weekly exploitation rate target. For 2005 these targets will represent a reduction in weekly exploitation rates from recent years, particularly in the period up to the third week of July, to reduce the exploitation on the early timing non-Babine sockeye. When the target is not met by existing FSC, Commercial, and Recreational fisheries by an adequate margin, then the following week an ESSR licence may be issued to the Tsimshian Tribal Council (TTC) for an amount of one-third of one-half of the previous week’s estimated surplus. The harvest period will be for one week only. Thus, when this surplus is in the lower river, it will be accessible to the TTC. The following week the TTC ESSR fishery will either be closed, or an amendment to the licence made to harvest additional surplus if any has occurred. The week following the TTC licence, a licence will be issued to the Gitskan Wet’suwet’en Watershed Authority (GWWA), for the same amount, for the period of that week only. The third week a licence will be issued to the Babine Lake First Nation (BLFN) for the same amount, for a harvest at the Babine Counting Facility or in Babine Lake.

If the TTC is not able to harvest the amount available to them, they may make arrangements with the other up-river groups, either the GWWA or the BLFN, to harvest the forgone surplus. However, this arrangement must be made to ensure the harvest period would be when the forgone fish are available. For instance, any forgone fish would be available in the GWWA area the following week and in the BLFN area the week after that.

For the “A” fishery, a typical weekly sequence could look like this example:

- a) **Week 29:** Surplus of 5% of the weekly exploitation rate target, estimated to be 60,000 sockeye. Licence for 10,000 sockeye issued to TTC to be harvested during week 30, (one half of 60,000 is 30,000 available for harvest, and the TTC share is one-third of this, or 10,000).
- b) **Week 30:** Surplus of 10% of the weekly exploitation rate target, estimated to be 120,000. Licence for 20,000 sockeye issued to TTC to be harvested during week 31, licence for 10,000 sockeye to be harvested by GWWA during week 31.
- c) **Week 31:** Surplus of 5% of the weekly exploitation rate target, estimated to be 60,000 sockeye. Licence for 10,000 sockeye issued to TTC to be harvested during week 32, licence for 20,000 sockeye to be harvested by GWWA in week 32, licence for 10,000 sockeye to be harvest by BLFN at the fence during week 32.
- d) **Week 32:** No surplus recorded. Licence for TTC has expired. Licence for 10,000 sockeye issued to GWWA for week 33. Licence for 20,000 sockeye issued to BLFN for the fence for week 33.

- e) **Week 33:** No surplus recorded. Licences for TTC and for GWWA have now expired. Licence for 10,000 sockeye issued to BLFN for the fence for week 34.

Week	Surplus	TTC	GWWA	BLFN
29	60 000			
30	120 000	10 000		
31	60 000	20 000	10 000	
32		10 000	20 000	10 000
33			10 000	20 000
34				10 000

Conduct Of The “B” Fishery

Once the sockeye return has moved into the Babine River, some weaker wild stocks have moved into their natal streams to spawn, and a higher exploitation rate can be exerted. This is still a mixed sockeye stock fishery, but to a lesser degree than downstream. Surpluses in the 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 treated in a separate manner and 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 channe

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.

AREA 4 COMMERCIAL NET FISHERY SUMMARY (2005)

The Area 4 fishery was originally planned for an expected surplus of 450,000 sockeye and 3 million pinks. However sockeye returns were well below forecasted levels resulting in no small mesh gillnet or seine fisheries.

The chinook gillnet fishery was not affected by concerns for other species because of its timing and large mesh nets. The first gillnet chinook opening took place June 10/11 for 30 hours. The catch was less than a quarter of the allotted 4,000 pieces. A second opening was scheduled for June 16/17 for 18 hours and took another 909 pieces. The Area 4 gillnet chinook fishery closed as it had maximized its allotted fishing time. For the two openings there were a total of 98 and 101 gillnet vessels operating on the respective fishing dates for a total catch of 1,760 chinook. Catches were low due to low returns of Skeena River chinook.

The gill net ten year average is 11 openings, 6,599 vessel operating days with a catch of 796,512 sockeye. The seine ten year average is 10 openings, 442 vessel operating days, 303,011 sockeye and 597,031 pink for the last 5 odd years.

**FSC CATCH FIRST NATIONS
SKEENA
2005**

	Sockeye	Coho	Pink	Chum	Chinook
Tsimshian Bands	32,080	1,734	7,303	652	248
Gitksan/Wet'suwet'en	68,990	4,729	26,383	362	6,274
Lake Babine First Nation	32,156	285	0	0	49
Takla/Yechooche	1,814	12	0	0	140
TOTAL	135,040	6,760	33,686	1,014	6,711

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.

BABINE SPAWNING CHANNEL OPERATIONS (Colin Harrison, Manager):

Project Description - The Babine Development Project began in 1962, with the objective to boost sockeye production by releasing 100 million or more fry into underutilized rearing capacity in Babine Lake, theoretically boosting output by 30 million smolts and returns by 1.25 million adults, of which 1.0 million could be harvested. The project consists of three spawning channels, a mothballed hatchery, and associated river flow control works and spawner/fry counting fences on two tributaries to Babine Lake:

- **Fulton River Facility** – two spawning channels, the first being a smaller (10,000 m²) pilot channel (#1, which began operation in 1965) followed by the main (73,100 m²) production channel (#2, beginning in 1969 and completed in 1971).
- **Pinkut Creek Facility** – the spawning channel (33,400 m²) 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 m² of natural spawning grounds)

Production Overview (see Table for detailed statistics) - Last spring's combined outmigration of enhanced sockeye fry from the two BLDP sites once again exceeded the project's original 100 million target by 245% (177 million produced from the channels alone). In comparison, total BLDP fry outputs were 260 million in 2004, 146 million in 2003, 175 million in 2002, and 105 million in 2001.

Unusually severe and prolonged freshets in the fall of 2004 led to the fear that spawners would be attracted into river areas that were likely to suffer post-freshet dewatering and freezing mortality. Thankfully such impacts did not appear to be significant. Fulton River and Channel #2 egg-fry survivals met the respective target rates of 15% and 54% , but Channel #1 came in below slightly below the river biostandard at 12%,.

Pinkut egg-fry survivals once again were extremely high for both the creek (64%) and the channel (97%). These rates appear to be too good to be true, and counting methods are being reviewed; inaccuracy in determination of adult sex ratios is one possible explanation (a 4% error in sexing adults results in a 30% error in the egg deposition estimate).

The fry subsampling trap, first installed on Fulton Channel #1 in 2003, was run again in 2005 and produced an egg-fry survival rate of 12%, down considerably from the previous two years estimates of 22%, and below even river biostandard. Resultant fry production from Channel #1 was only 9% of the fry output target. These results underline the need for major renovation to this channel, in order to see any improvement in survival rates.

Most spawner targets were met and even exceeded for the major production sites; this overloading compensated somewhat for the lower fecundity of fish in 2005. The Pinkut airlift proceeded this year, but numbers of available green fish were insufficient to load the upper creek to capacity.

Spawning success at all sites appeared normal from by all indicators, aside from *Loma* infection found in high numbers on females that died unspawned; this may have been at least partly the cause of slightly higher than normal prespawning mortality and egg retention rates seen this year. Spawners again appeared to be predominantly Age 4, although the proportions of Age 5 fish were triple (approximately 14%, versus 5% in 2004) and jacks over an order of magnitude higher (8%, versus >1% in 2004) than seen last year at Fulton.

Babine Development Project Operations Report - 2005

B. Shepherd
24-Nov-05

Facility	Brood Yr	Stock/ Location	Target*	Lifestage	Achieved	Lifestage	% of Target	Comments
Fulton	2004	Channel #1	15,000,000	fry	1,300,000	fry	9%	(PSM = Pre-Spawning Mortality of females) 12% E-F survival achieved, vs 15/50% targets
		Channel #2	87,000,000	fry	95,500,000	fry	110%	54% E-F survival achieved, vs 50% target
		Fulton R above fence	45,000,000	fry	62,300,000	fry	138%	15% E-F survival achieved, vs 15% target
	2005	Channel #1	20,000	spawners	16,957	spawners	85%	45% female, 19% jacks, 16% Age 5
		Channel #2	116,000	spawners	124,583	spawners	107%	50% female, 9% jacks, 13% Age 5
		Fulton R above fence	200,000	spawners	198,892	spawners	99%	51% female, 7% jacks, 14% Age 5
		Fulton R below fence	45,000	spawners	16,350	spawners	u/k	EST 50% female, 8% jacks, Age 5 % u/k
		Channel #1	30,000,000	eggs	17,890,000	eggs	60%	EST 2732 eggs/F, 8% PSM and 6% egg retention
		Channel #2	174,000,000	eggs	153,665,000	eggs	88%	EST 2639 eggs/F, 6% PSM and 1% egg retention
			Fulton River	300,000,000	eggs	241,981,000	eggs	81%
Pinkut	2004	Channel	43,500,000	fry	79,811,000	fry	183%	97% Egg-Fry (E-F) survival, vs 50% target**
		Upper Pinkut Cr (airlift)	9,000,000	fry	0	fry	0%	no airlift conducted in 2004 due to lack of fish
		Pinkut Cr above fence	5,700,000	fry	23,921,000	fry	163%	64% E-F survival, vs 15% target**
	2005	Channel	58,000	spawners	95,833	spawners	165%	33% female, 20% jacks, Age 5 % n/a
		Upper Pinkut Cr (airlift)	40,000	spawners	26,446	spawners	66%	statistics per channel (see line above)
		Pinkut Cr above fence	25,000	spawners	32,480	spawners	130%	34% female, 17% jacks, Age 5 % n/a
		Pinkut Cr below fence	5,000	spawners	5,000	spawners	100%	statistics per creek above fence
		Channel	87,000,000	eggs	87,331,000	eggs	100%	EST 2787 eggs/F, <1% PSM and egg retention
		Upper Pinkut Cr (airlift)	60,000,000	eggs	24,088,000	eggs	40%	EST 2787 eggs/F, <1% PSM and egg retention
			Pinkut Cr above fence	38,000,000	eggs	30,707,000	eggs	81%
		Pinkut Cr below fence	7,500,000	eggs	4,691,000	eggs	63%	EST 2787 eggs/F, <1% PSM and egg retention***

NOTES:

- * Original target of Babine Development Project was to release 100M sockeye fry to Babine Lake (vs 177M/245M channel/total fry produced by BLDP in 2005); targets provided here were adjusted in 2001 to reflect most current information available
- ** Analyses are underway to determine if inaccuracies in determination of adult sex ratios account for suspiciously high survival rates
- *** Egg production below Pinkut fence normally estimated from max of 2,500 females due to wave spawning; no actual fry output data available

AREA 4 COMMERCIAL GILLNET CATCH BY WEEK FOR 2005

DATE	# OF GILLNETS	HOURS OPEN	BOAT DAYS FISHING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JACKS	STHD	OPEN MANAGEMENT UNITS
WEEK 24											
10-Jun	98	30	123	15	0	0	0	851	0	3	4-^12 & 15
WEEK 25											
16-Jun	101	18	76	20	0	0	0	909	0	0	4-^12 & 15
TFW	101	18	76	20	0	0	0	909	0	0	
TTD	199	48	198	35	0	0	0	1760	0	3	

AREA 4 2005 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 21/05

Location	Stream Name	Sockeye	Coho	Pink	Chum	Chinook
BABINE						
(SK JKS 155,515**)	BABINE RIVER UNACCOUNTED*	70094	13518	303259		
	BABINE RIVER - SECTION 4	2600	N.I.			1874
	BABINE RIVER - SECTION 5	N.I.	N.I.	N.I.		Adults Pres
	BABINE RIVER - SECTIONS 1,2 & 3	130000	N.I.			
	BERN-ANN CREEK	1410				
	BOUCHER CREEK	N.I.	N.I.	N.I.		N.I.
	FIVE MILE CREEK	250				
	FOUR MILE CREEK	3200				
	FULTON RIVER		2179	222		5
	(3373 jks) Channel #1	13584				
	(10,706 jks) Channel #2	113877				
	(13,935 jks) River above fence	184957				
	River below fence	15000				
	MORRISON CREEK	26000	N.I.			
	NILKITKWA RIVER	Adults Pres	Adults Pres			N.I.
	NINE MILE CREEK	1250				
	PENDELTON CREEK	910				
	PIERRE CREEK	7350				
	PINKUT CREEK		247	15		
	(6733 jks) Creek	20784				
	(15,662 jks) Channel	63999				
	Below fence	25000				
	(6733 jks) Airlift	20784				
	SIX MILE	850				
	SOCKEYE CREEK	1100				
	TACHEK CREEK	1350				
	TAHLO CREEK - (LOWER)	1300	N.I.			
	TSEZAKAWA CREEK	1100				
	TWAIN CREEK	2000				
	WRIGHT CREEK	148				
	* Fence count from July 06 to Oct. 12 minus recorded escapements by section					
	** Total fence jack count for year					
BEAR						
	AZUKLOTZ CREEK	200	N.I.			
	BEAR RIVER	Adults Pres	N.I.	N.O.		1400
	MOTASE LAKE	140	N.I.			
	SALIX CREEK	Adults Pres	N.I.			
	SLAMGEESH FENCE	227	3019	N.I.		N.I.
(STHD 271)	SUSTUT RIVER AND LAKE*	1175	88			383
	* Fence count from July 29 to Oct. 2 some chinook prior to start					
BULKLEY / MORICE						
	BULKLEY RIVER - UPPER*	138	2508			620
	MORICE RIVER**	6518	42592	150000		6000
	NANIKA RIVER	2524	N.I.	N.O.		Adults Pres
	STATION CREEK***		500			
	TOBOGGAN CREEK		4900			

* Sock & coho a fence count from Aug 17 to Oct. 19 some sockeye prior to start, minor fence breach

** Sock & coho estimate from Moricetown m/c, spawning area unconfirmed

*** Fence count from Sept. 7 to Nov. 03.

AREA 4 2005 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 21/05

COASTAL	Stream Name	Sockeye	Coho	Pink	Chum	Chinook
	CHISMORE CREEK		N.I.	N.I.		
	DIANA CREEK	1500	500	N.I.	N.I.	N.I.
	ECSTALL RIVER	N.I.	N.I.	N.I.	N.I.	N.I.
	HAYS CREEK		N.I.	Adults Pres		
	HUMPBACK CREEK		N.I.	N.I.		
	JOHNSTON CREEK	N.I.	N.I.	N.I.	N.I.	N.I.
	JOHNSTON LAKE	N.I.	N.I.	N.I.	N.I.	N.I.
	KHYEX RIVER		N.I.	N.I.	N.I.	N.I.
	KLOIYA RIVER		N.I.	Adults Pres	N.I.	Adults Pres
	LA HOU CREEK		N.I.	38000	38	
	MOORE COVE CREEK	Adults Pres	Adults Pres	Adults Pres	N.O.	
	OLDFIELD CREEK		Adults Pres	N.I.		
	OONA RIVER		Adults Pres	15500		
	PRUDHOMME CREEK	1800	100	N.I.	N.I.	
	SHAWATLAN RIVER	5000	100	Adults Pres	N.I.	Adults Pres
	SILVER CREEK		N.I.	N.I.	N.I.	
	SPILLER RIVER		Adults Pres	8500		
KISPIOX	BARNES CREEK	42	Adults Pres			
	BEAVERLODGE CREEK		1038			
	BROWN PAINT CREEK		200			
	CLIFFORD CREEK		221			
	CLUB CREEK (LOWER)	3500	Adults Pres			
	CLUB CREEK (UPPER)	237				
	CULLON CREEK		1857			
	DATE CREEK		N.I.		N.I.	
	FALLS CREEK	323	Adults Pres			
	FOOTSORE CREEK	N.I.	192			
	FOOTSORE CREEK UPPER	N.I.	308			
	HODDER CREEK	N.I.	26			
	IRONSIDE CREEK		644			
	JACKSON CREEK	41	Adults Pres			
	KISPIOX RIVER	N.I.	N.I.	N.I.	N.I.	N.I.
	MCQUEEN CREEK		N.I.			
	MURDER CREEK		284			
	NANGEESE RIVER	Adults Pres	1720	Adults Pres	Adults Pres	Adults Pres
	SKUNSNAT CREEK	N.I.	185			
	STEEP CANYON CREEK		130			
	SWAN LAKE CREEK #2 UNNAMED	24	Adults Pres			
KITSUMKALUM	ALICE CREEK		N.I.			
	CEDAR RIVER					800
	CLEAR CREEK					40
	DEEP CREEK		300			
	DRY CREEK	45	50			
	KITSUMKALUM LAKE*	3000				
	KITSUMKALUM RIVER - LOWER		N.I.	N.I.	N.I.	15000
	LEAN-TO CREEK		N.I.			
	MAYO CREEK		N.I.			
	PONTOON CREEK		N.I.			
	STAR CREEK		N.I.			

AREA 4 2005 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 21/05

* At least one more inspection to do

LAKELSE

Stream Name	Sockeye	Coho	Pink	Chum	Chinook
CLEARWATER CREEK		379			
LAKELSE RIVER		N.I.	400000	N.I.	Adults Pres
SCHULBUCKHAND CREEK	450				
WILLIAMS CREEK	4000				

OTHER LOWER SKEENA

ALASTAIR LAKE	2000	N.I.			
ANDESIDE CREEK		Adults Pres	2000	400	
DOG TAG CREEK		N.I.	Adults Pres	Adults Pres	N.I.
ERLANDSEN CREEK		160	N.I.	N.I.	65
EXCHAMSIKS RIVER	N.I.	Adults Pres	Adults Pres	N.I.	100
EXSTEW RIVER AND SLOUGH	N.I.	N.I.	N.I.	N.I.	N.I.
GITNADOIX RIVER		Adults Pres	Adults Pres	Adults Pres	Adults Pres
KADEEN CREEK		N.I.	N.O.	N.O.	20
KASIKS RIVER	N.I.	1000	10000	N.I.	100
MAGAR CREEK		N.I.	N.I.	N.I.	50
MOLYBDENUM CREEK		80			
SOUTHEND CREEK	4500	N.I.			
ZYMAGOTITZ RIVER		N.I.	N.I.	N.I.	N.I.

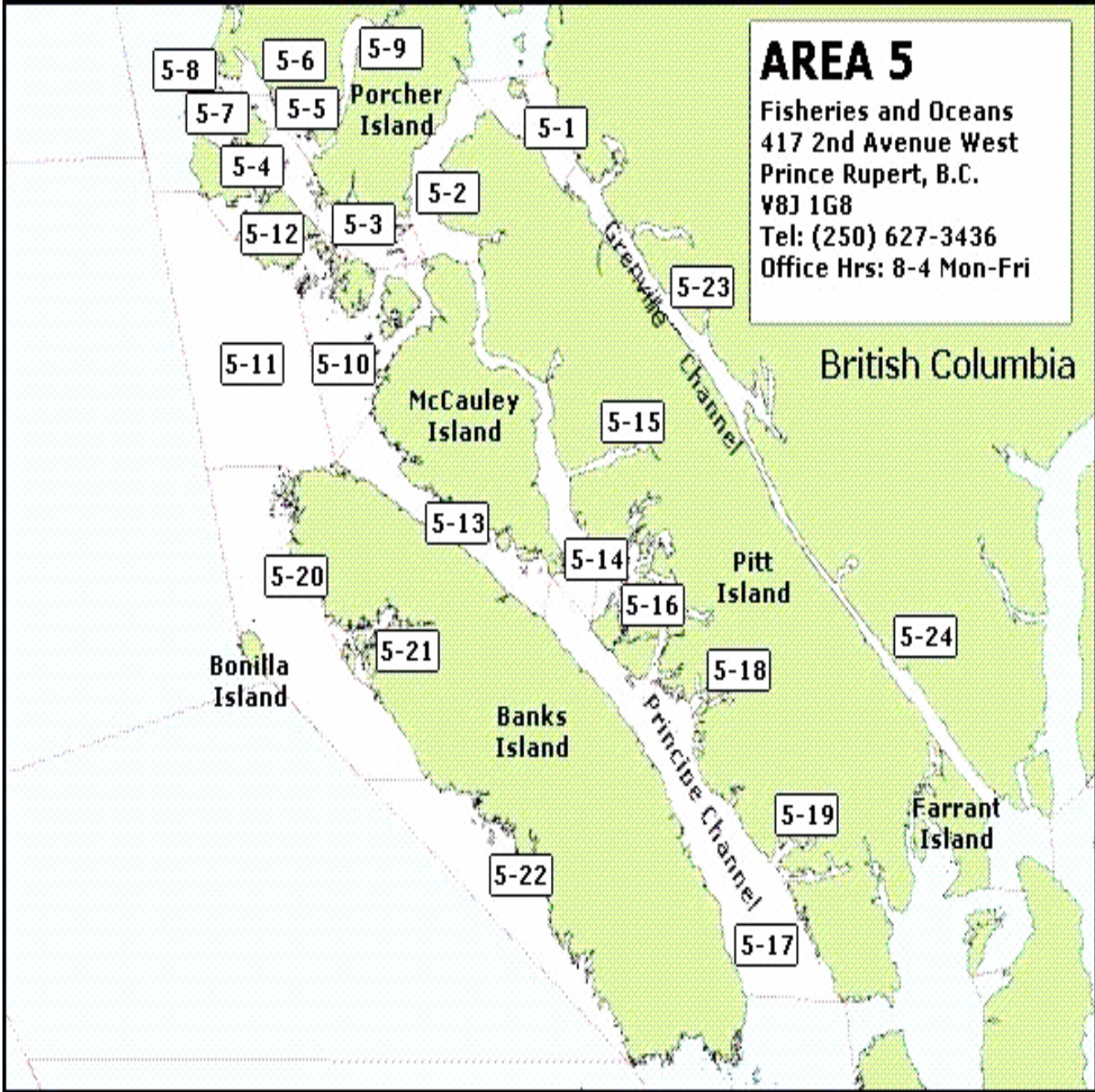
OTHER MIDDLE SKEENA

BURDICK CREEK		N.I.	N.I.		
COMEAU CREEK	N.I.				
ELF CREEK		N.I.			
KLEANZA CREEK		N.I.	35000	20	
KITWANGA RIVER*	937	7100	229226	1862	2408
SALMON RUN CREEK		130			
SIMPSON CREEK					22
SINGLEHURST CREEK		260			
THOMAS CREEK					180
ZYMOETZ RIVER - UPPER	3444	Adults Pres			N.I.

* Fence count from July 10 to Oct. 17 estimate does not include pk chum & ck spawning below fence

AREA 4 TOTAL	750662	86515	1191722	2320	29067
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NO - NONE OBSERVED, NI - NOT INSPECTED, ADULTS PRES - INADEQUATE INFORMATION TO MAKE ESTIMATE



AREA 5 2005 Post Season Summary and Assessment (RMS Summary)

FIRST NATIONS

Salmon fishing for food, social, and ceremonial purposes is open year round, 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 – 80,000
Pink - 5,240
Coho - 2,650
Chum - 2,450
Chinook 5,000

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.

AREA 5 COMMERCIAL NET FISHERY SUMMARY (2005)

The Area 5 net fishery was planned in anticipation of poor returns of Skeena sockeye, good Area 4 pink returns and a surplus to later local pink stocks. Area 5 was also 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 and chum for seines.

In-season Skeena sockeye returned at even lower levels than predicted. Due to the low return there were no opportunities for gill nets in Area 5 and the seine fishery was delayed.

The first seine opening took place in sub areas 5-1 and 5-2 on August 8 with non-retention sockeye, in addition to the preseason planned non-retention of coho, chum and chinook. The peak seine fleet occurred August 15 with 10 vessels taking part. The Area 5 pinks stocks did not return as forecast which resulted in the seine fishery ending August 22.

The total number of openings for seines was 6 with 31 vessel operating days compared to the last 10 year average of 101 vessel operating days and 14 openings. The total Area 5 hailed net catch for seines was 191,219 pinks, this compares to the last 5 odd year catch average of 239,724 pinks.

AREA 5 COMMERCIAL SEINE CATCH BY WEEK FOR 2005

DATE	# OF SEINES	HOURS OPEN	BOAT DAYS FISHING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	JACKS	STHD	OPEN MANAGEMENT UNITS
Week 33											
08-Aug	7	15	4	0	0	53375	0	0	0	0	5-^1, ^2
09-Aug	5	15	3	0	0	33100	0	0	0	0	5-^1, ^2
11-Aug	4	15	3	0	0	30300	0	0	0	0	5-^1, ^3
12-Aug	4	15	3	0	0	27000	0	0	0	0	5-^1, ^2
TFW & TTD	20	60	13	0	0	143775	0	0	0	0	
Week 34											
15-Aug	10	15	6	0	0	41144	0	0	0	0	5-^1
TFW	10	15	6	0	0	41144	0	0	0	0	
TTD	10	15	6	0	0	41144	0	0	0	0	
Week 35											
22-Aug	1	15	1	0	0	6300	0	0	0	0	5-^1
TFW	1	15	1	0	0	6300	0	0	0	0	
TTD	21	75	13	0	0	191219	0	0	0	0	

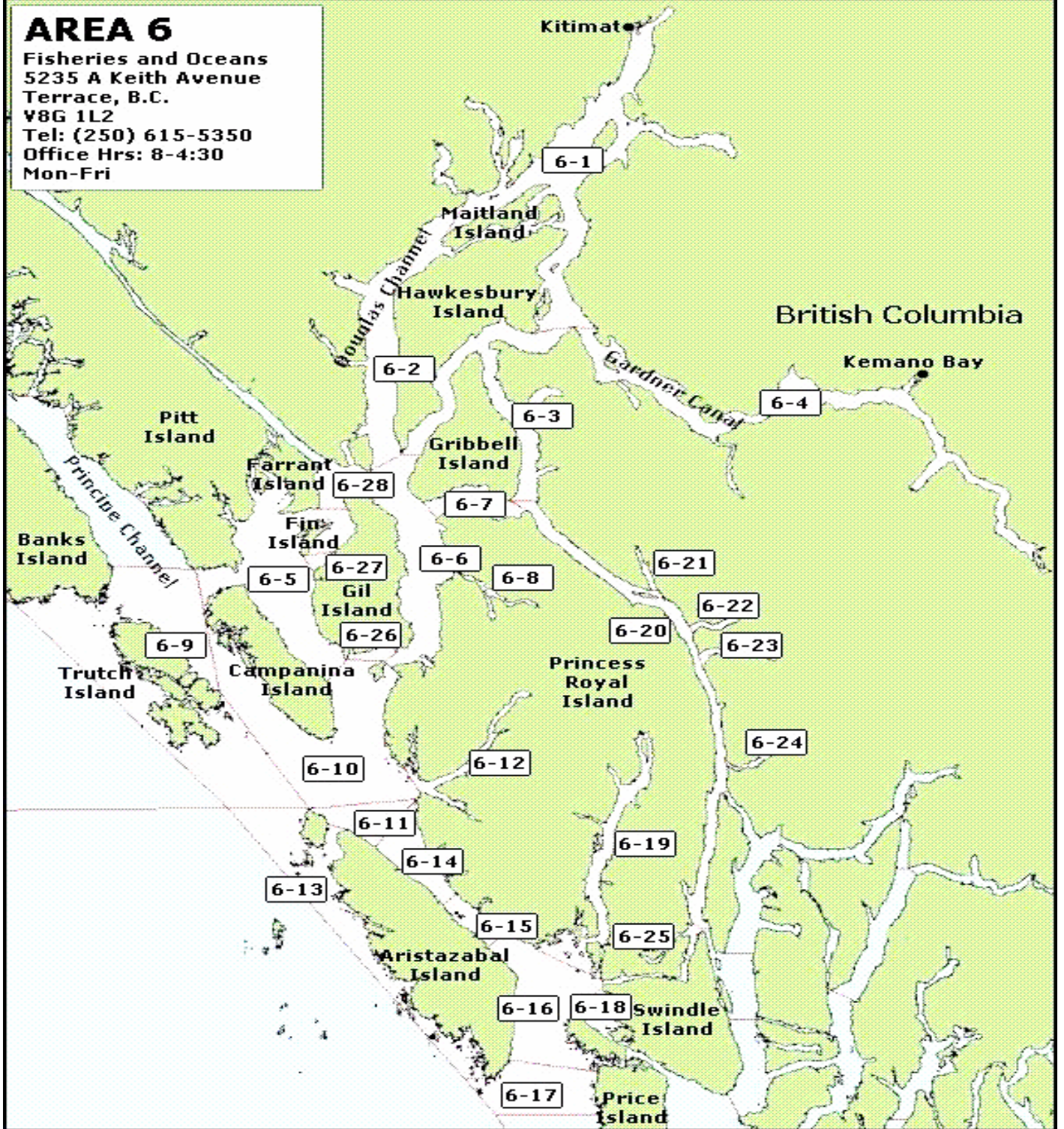
AREA 5 2005 PRELIMINARY ESCAPEMENT ESTIMATES TO NOV. 21/05

Location	Stream Name	Sockeye	Coho	Pink	Chum	Chinook
LOWER GRENVILLE	BELOWE CREEK		200	5100	200	
	LAGOON CREEK		N. I.	N. I.	N. I.	
	LOWE INLET SYSTEM	Adults Pres	Adults Pres	Adults Pres		
	RED BLUFF CREEK		N.I.	N.I.		
	STEWART CREEK	15	Adults Pres	1250	130	
	SYLVIA CREEK		150			
	TSIMTACK LAKE SYSTEM*	Adults Pres	200	625	81	
			*Escapement estimates are for Tsim Creek only			
LOWER PRINCIPE	BOLTON CREEK	N.I.	Adults Pres	2000	N.I.	
	CURTIS CREEK	3000	Adults Pres	Adults Pres	N.I.	
	DEVON LAKE SYSTEM	4000	Adults Pres	Adults Pres	N.I.	
	KEECHA CREEK	2000	N.I.	Adults Pres	N.I.	
	KOORYET CREEK	Adults Pres	Adults Pres	11000	50	
	MIKADO LAKE SYSTEM	4000	Adults Pres	Adults Pres		
OGDEN / KITKATLA	ALPHA CREEK		Adults Pres	60000	Adults Pres	
	CAPTAIN COVE CREEK	Adults Pres	Adults Pres	15000	40	
	KITKATLA CREEK		N.I.	N.I.	N.I.	
	SKENE COVE CREEK		N.I.	N.I.		
OUTER BANKS ISLAND	QUITONSTA CREEK	N.I.	N. I.	N. I.	N. I.	
	KINGKOWN INLET CREEKS	N.I.	N. I.	N. I.	N. I.	
PETREL CHANNEL / ALA PASS	HEVENOR INLET CREEKS	N.I.	N.I.	N.I.	N.I.	
	MARKLE INLET CREEK	Adults Pres	Adults Pres	100	225	
	RYAN CREEK	N.I.	N.I.	N.I.	N.I.	
	SHAW CREEK		Adults Pres	11000	N.O.	
	WILSON INLET CREEK	Adults Pres	N.I.	300	1200	
PORCHER INLET	HEAD CREEK		Adults Pres	29000	N.O.	
	PORCHER CREEK		Adults Pres	6100		
	SALT LAGOON CREEK		N.I.	N.I.	N.I.	
	WOLF CREEK		Adults Pres	14000		
UPPER GRENVILLE	FALSE STEWART CREEK	20	Adults Pres	7000	12	
	KLEWNUGGIT INLET CREEKS	N.I.	N.I.	N.I.	N.I.	
	KUBAS CREEK		N.I.	N.I.		
	KUMEALON CREEK	10	Adults Pres	58000	125	230
	PA-AAT RIVER	30	N.I.	12500	200	
UPPER PRINCIPE	ENDHILL CREEK	N.I.	N.I.	N.I.	N.I.	
	HANKIN CREEK	N.I.	N.I.	N.I.	N.I.	
	KESWAR INLET CREEK	N.I.	N.I.	N.I.	N.I.	
	SPENCER CREEK	N.I.	N.I.	1250	130	
	AREA 5 TOTAL	13075	550	234225	2393	230

NO - NONE OBSERVED, NI - NOT INSPECTED, ADULTS PRES - INADEQUATE IFORMATION TO MAKE ESTIMATE

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 2005 Post Season Summary and Assessment (RMS Summary)

FIRST NATIONS

Salmon fishing for food, social, and ceremonial purposes is open year round, 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.

AREA 6 COMMERCIAL NET FISHERY SUMMARY (2005)

The Area 6 net fishery was planned in anticipation of strong pink returns, poor wild chum returns and a Kitimat hatchery chum surplus of 30,000. Restrictions were in place to conserve wild chum, steelhead and chinook. These restrictions included, non-retention steelhead for both gear types, mandatory brailing for seines, non-retention chum for seines at the Gil Island fishery, non-retention chinook for seines, a request to release all live chinook for gillnets and closure of the Gil Island fishery to gillnets. Coho restrictions were to be eased this year by reducing the troll catch and allocating it to nets. Once coho returns on a coastal bases were determined to be average or better, nets would be allowed retention.

The first gillnet fishery took place on July 11 in Douglas Channel to test for chum strength, one gill net participated in the fishery. However interest in the fishery increased as it became apparent that a Skeena sockeye fishery was unlikely. Chum fishing for gillnets in Area 6 was good throughout the season (much better than forecast), although some areas closed during the season to protect non-enhanced stocks. These closures include, August 1 closed to gill net fishing in front of Foche and Gilttoyees Rivers and closed from Hopkins Pt to Legeak Pt to conserve Dala and Kildala River chums. To increase the harvest of

hatchery chum on August 1st Kitimat Arm opened up to Wathlsto Creek, closer to the river mouth. Coho retention was allowed starting July 18th (for both gill net & seine). The peak number of gillnets operating in the Area was July 25 with 153 vessels, the highest ever recorded for the area. The gillnet fishery ended on August 9. Total number of openings for 2005 was 16 for 1,396 vessel operating days compared to the 10 year average of 17 openings and 449 vessel operating days. The total Area 6 gillnet catch was 146,401 chum compared to the 10 year average of 81,007. The total gillnet coho catch was 1363.

The first seine fishery occurred July 11. Pink catches around Gil Island were strong with a high incidental chum catch. On July 18, the seine fishery around Gil Island changed to retention of chum because of problems with sorting high numbers of chum. The retention chum fishery on both July 18 & 21 resulted in such large fleets fishing time had to be reduced by half. The Gil Island fishery went back to non-retention chum for the following week to permit the harvest of very abundant pink stocks. The chum catch on July 28th was once again very high and retention was permitted for the last 6 hours of the fishery with the following day's fishery being shorten from 16 hours to 10 hours to permit the harvest of pink while not over harvesting chum. All Gil Island fisheries after July 29th were non-retention chum. The highest number of seines fishing at Gil Island was July 21st with 69.

Seine fishing in Douglas Channel was opened July 21, only one seine participated. Peak effort was July 22nd with 11 vessels. On July 29th an additional portion of sub-area 6-1, Eagle Bay was open to seine fishing for 2 hours to harvest a large number of pink schooled there. Two seines participated, resulting in a catch of approximately 42,000 pinks. Although a large number of pinks remained in the Bay the fishery was never reopened because of the concern for Dala and Kildala chum escapements. Total seine catch in the Douglas Channel area for the year was 7,270 chum and 245,601 pink with a total of 11 openings of which only 7 had any recorded effort.

The last seine fishery for the season was August 15, for a year end total of 18 openings and 589 vessel operating days compared to the total Area 6 ten year average of 9 openings and 189 vessel operating days. The total seine catch was approximately 4,510,843 pinks and 86,759 chum compared to the 5 odd year average of 1,355,652 pinks and the 10 year average of 81,642 chum. The seine catch of coho was 35,949.

KITIMAT RIVER HATCHERY OPERATIONS (Martin Forbes, Manager):

Project Description – Preceded by a pilot hatchery in 1977, the current facility was built in 1983 to 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, and 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 (60,000 eggs) and one stock of cutthroat (10,000 eggs). The facility has a unique system of both groundwater and river water supplies, including 4500 LPM of heated river water from the Eurocan Pulp mill, which gives considerable flexibility to the facility’s incubation and rearing programs.

Production Overview - Total juvenile releases and eggs taken in 2005 were:

Species	Total Juveniles Released in 2005	Total Eggs Taken in 2005
Chinook	1,463,783 0+ smolts	2,006,892 eggs
Chum	4,334,899 0+ fed fry	5,322,691 eggs
Coho	401,290 1+ smolts	661,500 eggs (est.)
Cutthroat	4,400 1+ smolts	20,651 eggs
Steelhead	47,000 1+ smolts	87,538 eggs

(Additional production details are provided in Table)

Kitimat River experienced 8 – 10 significant flooding events in late 2004 and early 2005, which probably impacted production for wild stocks. In 2005, juveniles were transported by tank truck to various locations throughout the Kitimat Watershed, and released into normal river conditions. In order to meet budgetary challenges, the marking of coho (2003 Brood) and chinook (2004 Brood) was discontinued (chum marking was dropped as of the 2001 Brood). Steelhead & cutthroat marking programs continue, thanks largely to the efforts of Mount Elizabeth Secondary School students, who have volunteered their time to mark these stocks over the past 10 years.

All 2005 brood production targets were met. Chinook returns appeared to be average, with a high percentage of 2- and 3-year-old fish. Chinook & chum run timing seems to be getting earlier over the last several years, with the chum return ending quickly by mid-August in 2005. Chum & pink returns were above average, with lots of surplus chum spawners below the hatchery site. Coho adult returns were strong, with adults continuing to enter the system into early November.

The return of enhanced Chum contributed to another successful Area 6–1 terminal commercial net fishery in 2005. Kitimat River salmon returns also continue to support world-class sport fisheries, including a very popular in-river chum recreational fishery.

Kitimat Enhancement Facility Operations Report - 2005

M. Forbes

23-Nov-05

Species	Brood Yr	Stock/ Location	Egg Target	Juvenile Release Target	Achieved	Life Stage	Achieved as % of Target	Comments	
Chinook	2003	Hirsch Creek		200,000	197,374	0+ smolts	99%	Avg Kitimat CN smolt-adult survival = 0.6%* released mid May 2004	
		Kitimat River		1,500,000	1,287,079	0+ smolts	86%		released mid May 2004
	2004	Hirsch Creek		200,000	197,796	0+smolts	99%		released early May 2005
		Kitimat River		1,500,000	1,265,987	0 +smolts	84%		released late April - mid May 2005
	2005	Hirsch Creek	250,000		276,392	eggs	111%		ponding to begin Dec 2005
	Kitimat River	1,700,000		1,730,500	eggs	102%	ponding to begin Dec 2005		
Chum	2003	Hirsch Creek		1,000,000	962,699	fed fry	96%	Avg Kitimat CM fry-adult survival = 2.4%* released late March 2004	
		Kitimat River		3,500,000	3,375,738	fed fry	96%		released late March 2004
	2004	Hirsch Creek		1,000,000	884,912	fed fry	88%		released mid March 2005
		Kitimat River		3,500,000	3,449,987	fed fry	99%		released late March - early April 2005
	2005	Hirsch Creek	1,200,000		1,108,356	eggs	92%		Dec 2005 ponding
	Kitimat River	4,000,000		3,940,874	eggs	99%	Dec 2005 ponding		
Coho	2003	Kitimat River		500,000	401,290	1+ smolts	80%	Avg Kitimat CO smolt-adult survival = 2.3%* released late April - early May 2005	
	2004	Kitimat River		500,000	532,341	juveniles	106%		outside rearing raceways Nov 21,2005
	2005	Kitimat River	600,000		661,500	eggs	110%		on hand in hatchery incubation (25% mortality anticipated)
Cutthroat	2003	Kitimat River		7,500	8,330	1+ smolts	111%	Avg Kitimat CT smolt-adult survival = 10.0%* released mid May 2004	
	2004	Kitimat River		7,500	4,400	1+ smolts	59%		released early May 2005
	2005	Kitimat River		7,500	2,474	juveniles	33%		inside rearing troughs (very high incubation mortality)
		Kitimat River	10,000		17,350	eggs	174%		extra eggs taken to meet provincial genetic guidelines
	Steelhead	2003	Kitimat River		50,000	69,373	1+ smolts		139%
2004	Kitimat River		50,000	47,000	1+ smolts	94%	released early May 2005		
2005	Kitimat River		50,000	75,750	juveniles	152%	Inside rearing troughs		
		Kitimat River	60,000		87,538	eggs	146%	extra eggs taken to meet provincial genetic guidelines	

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

AREA 6 COMMERCIAL SEINE CATCH BY WEEK FOR 2005

DATE	# OF SEINES	HOURS OPEN	BOAT		SOCKEYE	COHO	PINK	CHUM	CHINOOK	OPEN MANAGEMENT UNITS
			DAYS FISHING	DAYS						
WEEK 29										
11-Jul	22	16	15		546	0	96782	0	0	6-5p,6p,10p &26-28
12-Jul	22	16	15		680	0	139966	0	0	6-5p,6p,10p &26-28
TFW	44	16	29		1226	0	236748	0	0	
TTD	44	16	29		1226	0	236748	0	0	
WEEK 30										
18-Jul	68	16	45		2507	3160	536431	29634	0	6-5p,6p,10p &27-28
19-Jul	0	0	0		0	0	0	0		Closed
21-Jul	70	16	47		2665	3137	637890	32463	0	6-1p,5p,6p,10p,27-28
22-Jul	11	16	7		59	194	76501	3202	0	6-1p,5p,6p,10p,27-28
TFW	149	32	99		5231	6491	1250822	65299	0	
TTD	193	48	129		6457	6491	1487570	65299	0	
WEEK 31										
25-Jul	36	16	24		1451	1732	364580	848	0	6-1p,5p,6p,10p,27-28
26-Jul	34	16	23		1449	1413	270044	1023	0	6-1p,5p,6p,10p,27-28
28-Jul	38	16	25		1890	2255	398750	6796	0	6-1p,5p,6p,10p,27-28
29-Jul	38	16	25		1137	1475	329683	12246	0	6-1p,5p,6p,10p,27-28
TFW	146	64	97		5927	6875	1363057	20913	0	
TTD	339	112	226		12384	13366	2850627	86212	0	
WEEK 32										
01-Aug	52	16	35		1799	3078	361671	0	0	6-1p,5p,6p,10p,27-28
02-Aug	5	16	3		32	87	20250	547	0	6-1p,5p,6p,10p,27-28
04-Aug	35	16	23		1363	2574	271122	0	0	6-1p,5p,6p,10p,27-28
05-Aug	29	16	19		1483	2486	259726	0	0	6-1p,5p,6p,10p,27-28
TFW	121	64	81		4677	8225	912769	547	0	
TTD	460	176	307		17061	21591	3763396	86759	0	
WEEK 33										
08-Aug	30	15	19		1412	3592	268315	0	0	6-1p,5p,6p,10p,26-28
09-Aug	26	15	16		1123	2848	186536	0	0	6-1p,5p,6p,10p,26-28
11-Aug	28	15	18		796	3333	126530	0	0	6-5p,6p,10p &27-28
12-Aug	25	15	16		682	2279	88087	0	0	6-5p,6p,10p &26-28
TFW	109	60	68		4013	12052	669468	0	0	
TTD	569	236	375		21074	33643	4432864	86759	0	
WEEK 34										
15-Aug	20	15	13		503	2306	77979	0	0	6-5p,6p,10p &26-28
TFW	20	15	13		503	2306	77979	0	0	
TTD	589	251	387		21577	35949	4510843	86759	0	

AREA 6 COMMERCIAL GILLNET CATCH BY WEEK FOR 2005

DATE	# OF GILLNETS	HOURS OPEN	BOAT DAYS					CHUM	CHINOOK	OPEN MANAGEMENT UNITS
			FISHING	SOCKEYE	COHO	PINK				
WEEK 29										
11-Jul	1	16	1	6	0	207	133	3	6-1p, 2p	
12-Jul	1	16	1	0	0	222	207	9	6-1p, 2p	
TFW	2	32	1	6	0	429	340	12		
TTD	2	32	1	6	0	429	340	12		
WEEK 30										
18-Jul	24	16	16	60	19	6586	5367	25	6-1p, 2p	
19-Jul	24	16	16	47	24	4987	4405	13	6-1p, 2p	
21-Jul	89	16	59	75	77	12297	11627	2	6-1p, 2p	
22-Jul	92	16	61	74	46	8666	14911	13	6-1p, 2p	
TFW	229	64	153	256	166	32536	36310	53		
TTD	231	96	154	262	166	32965	36650	65		
WEEK 31										
25-Jul	153	16	102	144	122	11665	20726	15	6-1p, 2p	
26-Jul	152	16	101	75	97	6896	16410	10	6-1p, 2p	
28-Jul	138	16	92	130	89	6832	19862	5	6-1p, 2p	
29-Jul	138	16	92	119	119	7279	13998	8	6-1p, 2p	
TFW	581	64	387	468	427	32672	70996	38		
TTD	812	160	541	730	593	65637	107646	103		
WEEK 32										
01-Aug	111	16	74	29	99	3445	10636	8	6-1p	
02-Aug	111	16	74	49	118	2948	8563	9	6-1p	
04-Aug	112	16	75	33	107	2815	7019	0	6-1p	
05-Aug	103	16	69	53	161	1964	6252	2	6-1p	
TFW	437	64	291	164	485	11172	32470	19		
TTD	1249	224	833	894	1078	76809	140116	122		
WEEK 33										
08-Aug	90	15	41	31	166	1679	3643	0	6-1p	
09-Aug	57	15	36	51	119	539	2642	0	6-1p	
11-Aug	0	0	0	0	0	0	0	0	Closed	
12-Aug	0	0	0	0	0	0	0	0	Closed	
TFW	122	30	76	74	239	1752	5223	0		
TTD	1371	254	909	968	1317	78561	145339	122		
WEEK 34										
15-Aug	0	0	0	0	0	0	0	0	Closed	
TFW	0	0	0	0	0	0	0	0		
TTD	1396	254	909	976	1363	79027	146401	122		

Area 6 2005 Preliminary Salmon Escapement Estimates to Nov. 21/05

<u>Location</u>	<u>Stream Name</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
ARISTAZABAL ISLAND WEST	BORROWMAN CREEK		ni	Adults Pres	Adults Pres	
	CLIFFORD CREEK		ni	ni	ni	
	DEVIL CREEK		ni	ni	ni	
	DON CREEK		ni	ni	ni	
	DUFFEY CREEK		ni	ni	ni	
	EAGLE CREEK		ni	Adults Pres	Adults Pres	
	FLUX CREEK		ni	Adults Pres	Adults Pres	
	KDELMASHAN CREEK		ni	ni	ni	
	LINNEA CREEK		ni	ni	ni	
	LITTLE KETTLE CREEK		ni	ni	ni	
	MCDONALD CREEK		ni	ni	ni	
	NOBLE CREEK		ni	ni	ni	
	SALMON CREEK		ni	ni	ni	
	SENTINEL CREEK		ni	ni	ni	
	STANNARD CREEK		ni	ni	ni	
	TRENAMAN CREEK		ni	ni	ni	
	WEST CREEK		ni	ni	ni	
	WEST CREEK AND LAKE		ni	ni	ni	
DOUGLAS-URSULA-DEVASTATION CHANNELS	ANGLER COVE CREEK		Adults Pres	800	Adults Pres	
	BIG TILLHORNE RIVER	2	ni	7,500	70	
	EVELYN CREEK	1,200	650	18,200	230	
	FISHTRAP BAY CREEK		ni	1,400	4	
	FOCH RIVER	25	800	6,000	1,200	
	GILTTOYEES CREEK		ni	8,000	ni	
	GOAT RIVER		ni	200	Adults Pres	
	GRIBBLE ISLAND CREEK		Adults Pres	2,000	15	
	HARTLEY BAY CREEK	700	1,600	1,800	40	
	HAWKSBURY ISLAND CREEK		30	8,000	10	
	HUGH CREEK	10	1,400	24,000	120	
	KEESIL CREEK		ni	ni	ni	
	KIHESS CREEK		ni	1,400	22	
	KISKOSH CREEK	10	225	5,200	20	
	KITKIATA CREEK	ni	ni	22,000	15	
	LITTLE TILLHORNE RIVER		ni	1,000	35	
	MISSED CREEK		ni	1,200	15	
	PIKE CREEK		ni	3,500	50	
	QUAAL RIVER	20	ni	150,000	1,700	
	RIORDAN RIVER		360	1,200	40	
	VERNEY PASSAGE CREEK	10	ni	3,000	50	
	WEEWANIE CREEK		ni	14,000	280	
FRASER - GRAHAM REACH	AALTANHASH RIVER	Adults Pres	200	6,000	25	
	CANOONA RIVER	2,500	3,000	4,000	Adults Pres	
	DOME CREEK (HEAD CR.)		Adults Pres	1,500	Adults Pres	
	GREEN RIVER	15	700	30,000	2,500	
	KHUTZE RIVER		Adults Pres	50,000	2,000	Adults Pres
	KLEKANE RIVER		Adults Pres	2,300	30	
	MARMOT COVE CREEK		ni	3,000	50	
	MARSHALL CREEK		Adults Pres	2,000	30	
	MCKAY CREEK	Adults Pres	Adults Pres	1,800	900	
	SCOW BAY CREEK		Adults Pres	15,000	150	
	SODA CREEK	Adults Pres	Adults Pres	4,000	500	
	TAYLOR CREEK	Adults Pres	Adults Pres	500	no	

Area 6 2005 Preliminary Salmon Escapement Estimates to Nov. 21/05

	<u>Stream Name</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
GARDNER CHANNEL	BRIM RIVER		1,300	100,000	250	5
	CRAB RIVER		ni	3,500	no	
	HOTSPRING CREEK		ni	2,100	300	
	KEMANO RIVER	ni	ni	210,000	12,000	ni
	KILTUIH RIVER	10	1,700	5,200	1,600	
	KITLOPE RIVER	3,000	ni	ni	ni	Adults Pres
	KOWESAS RIVER		ni	ni	ni	ni
	PARIL RIVER		1,300	1,000	30	
	TSAYTIS RIVER		ni	ni	ni	ni
	WAHOO CREEK		1,400	12,000	200	130
KITIMAT ARM	ANDERSON CREEK		650	5,000	no	
	BISH CREEK		ni	205,000	250	
	CORDELLA CREEK		ni	ni	ni	
	DALA RIVER		5,500	160,000	3,100	no
	EAGLE BAY RIVER		ni	50,000	400	
	EMSLEY CREEK		ni	2,500	no	
	FALLS RIVER		ni	ni	ni	
	KILDALA RIVER		3,000	ni	ni	ni
	KITIMAT RIVER	700	Adults Pres	250,000	130,000	Adults Pres
	M.E.S.S. CREEK		ni	ni	ni	
	MOORE CREEK		ni	ni	ni	
	PINE CREEK		ni	ni	ni	
LAREDO CHANNEL - CAMPANIA SOUND	WATHL CREEK		ni	1,800	380	
	WATHLSTO CREEK		ni	ni	ni	
	ARGYH CREEK			ni		
	BARNARD CREEK		ni	8,500	550	
	BLACKROCK CREEK	50	ni	3,000	350	
	CAMPANIA ISLAND CREEK		ni	ni		
	CARTWRIGHT CREEK		ni	ni		
	CHAPPLE CREEK		ni	ni		
	CHERRY CREEK		ni	ni		
	CRANE BAY CREEK	Adults Pres	ni	750	125	
	CRIDGE INLET CREEK		ni	ni		
	DOUGLAS CREEK		ni	ni		
	EAST ARM CREEK	Adults Pres	Adults Pres	1,600	10	
	EVINRUDE CREEK		ni	ni		
	FURY CREEK		Adults Pres	Adults Pres	ni	
	GIL CREEK	20	Adults Pres	43,500	330	
	HOME BAY CREEKS		ni	ni		
	KENT INLET LAGOON CREEK	ni	ni	ni		
	LAEDKIN CREEK		ni	ni		
	LEDGE CREEK		ni	ni		
	LIMESTONE CREEK		ni	ni		
	MCMICKLING CREEK		ni	ni		
	PENN CREEK		ni	ni		
	RIVERS BIGHT CREEK		Adults Pres	1,700	320	
	ROLAND CREEK		Adults Pres			
	TALAMOOSA CREEK	ni	ni	ni	ni	
	TURN CREEK	10	Adults Pres	28,000	225	
	TURTLE CREEK	Adults Pres	Adults Pres	26,750	205	
	TUWARTZ CREEK		ni	ni		
	WALE CREEK		Adults Pres			
WEST ARM CREEK	75	Adults Pres	3,500	650	Adults Pres	
WHALEN LAKE CREEK	Adults Pres	140	2,500	75		
WINDY ISLAND CREEK			ni			

Area 6 2005 Preliminary Salmon Escapement Estimates to Nov. 21/05

LAREDO SOUND	<u>Stream Name</u>	<u>Sockeye</u>	<u>Coho</u>	<u>Pink</u>	<u>Chum</u>	<u>Chinook</u>
	ARNOUP CREEK	Adults Pres	Adults Pres	11,000	1,500	
	BLEE CREEK	Adults Pres	45	2,100	160	
	BLOOMFIELD CREEK	350	Adults Pres	1,800	50	
	DALLAIN CREEK	ni	ni	ni	ni	
	DALLY CREEK	Adults Pres	Adults Pres	1,300	100	
	FIFER CREEK		Adults Pres	4,000	no	
	GOIN CREEK		Adults Pres	600	45	
	NIAS CREEK	26	295	6,500	4,000	
	PACKE CREEK	ni	ni	ni	ni	
	POWLES CREEK	Adults Pres	Adults Pres	3,000	40	
	PRICE CREEK		Adults Pres	Adults Pres	1,000	
	PYNE CREEK	Adults Pres	Adults Pres	4,500	450	
	QUIGLEY CREEK	Adults Pres	Adults Pres	500	10	
	RONALD CREEK		Adults Pres	75	100	
	STEEP CREEK		Adults Pres	1,500	ni	
	TRAHEY CREEK		ni	ni	ni	
	TYLER CREEK	Adults Pres	600	4,000	3,000	
AREA 6 TOTAL		8,733	24,895	1,569,275	171,906	135

no - none observed, ni - not inspected, Adults Pres - inadequate information to make estimate