

# ***2005 North Coast Troll Fishery***



## ***POST-SEASON REVIEW***

***DAVE REKDAL  
RESOURCE MANAGER  
- AREA F***

# POST-SEASON REVIEW TOPICS

## ⌘ ***THE CHINOOK STORY***

☑ ***HARVEST GUIDELINES AND PERFORMANCE***

☑ ***ITQ DEMONSTRATION AND OPEN  
(DERBY) FISHERY***

## ⌘ ***THE COHO STORY***

☑ ***HARVEST GUIDELINES AND PERFORMANCE***

## ⌘ ***THE SOCKEYE, PINK AND CHUM STORIES***

☑ ***HARVEST GUIDELINES AND PERFORMANCE***

## ⌘ ***CATCH AND EFFORT SUMMARY***

# ***THE CHINOOK STORY HARVEST GUIDELINES***



- ⌘ Chinook harvest is guided by a quarterly quota system based upon the Total Allowable Catch (TAC) derived from the Pacific Salmon Treaty (PST). A reduced TAC of 5,000 chinook was allocated for the period October 1 to March 31.**
- ⌘ Subsequent harvest from April 1 to September 30 was guided by the requirements to not exceed both the 2002 Exploitation Rate of WCVI Chinook and the PST Chinook TAC for 2005.**

# ***THE CHINOOK STORY HARVEST GUIDELINES***

- ⌘ DNA samples obtained by test trollers in conjunction with dockside monitoring used to identify the percentage component of WCVI Chinook prior to, with-in and after each fishery.**
- ⌘ To meet obligations under the Treaty, catch accounting is required so as to not exceed the all gear TAC in Areas 1 and 2 which was set at 246,600 pieces for 2005.**

# ***THE CHINOOK STORY HARVEST GUIDELINES***



- ⌘ Chinook harvest in Areas 1 and 2 under the PST includes catch by both the Commercial and the Recreational Sectors.**
- ⌘ Due to limitations in fishing time and area respecting domestic conservation concerns (WCVI Chinook/Northern/Central Coast Coho), the troll fleet was advised that they may not achieve their chinook allocations in both the Derby and ITQ fisheries.**

# **ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES**



- ⌘ **168 VESSELS ARE LICENSED FOR NORTH COAST TROLL. 161 VESSELS SUBSCRIBED TO THE ITQ DEMONSTRATION AND THE BALANCE (7) TO THE OPEN( DERBY) FISHERY.**
- ⌘ **CHINOOK ALLOCATIONS WERE EQUITABLE AND SET AT 1,000 CHINOOK.**
- ⌘ **THE TAC FOR THE DERBY FISHERY WAS SET AT 7K.**

# ***ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES***



- ⌘ THE ITQ FISHERY OPENED ON JUNE 3 AND CLOSED ON SEPTEMBER 30 WITH 137 TROLLERS HARVESTING 161,321 CHINOOK.
- ⌘ THE OPEN (DERBY) FISHERY OPENED ON JUNE 16 AND CLOSED JULY 17 WITH 6 TROLLERS HARVESTING 6,953 CHINOOK. 1 VESSEL DID NOT FISH.

# ***ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES***



- ⌘ 43 TROLLERS DID NOT ACHIEVE THEIR HARVEST ALLOCATIONS AND 13 VESSELS EXCEEDED THEIR QUOTAS BY VARIOUS AMOUNTS.**
- ⌘ CATCH ALLOCATIONS RANGED FROM 50 TO 2,548 PIECES.**
- ⌘ A TOTAL OF 188 REALLOCATION TRANSFERS WERE MADE INVOLVING 60,500 CHINOOK.**



# ***ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES***



- ⌘ ALL CATCH WAS VALIDATED BY A DOCKSIDE MONITORING PROGRAM ADMINISTERED BY J.O. THOMAS AND ASSOCIATES.**
- ⌘ QUOTA TRACKING AND TRANSFERS AMONGST VESSELS WAS HANDLED BY THE RESOURCE MANAGER.**
- ⌘ COSTS WERE BORNE BY THE HARVESTER AND ARRANGED THROUGH JOT.**

# ***ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES***



⌘ AN INDEPENDENT REVIEW HAS BEGUN LOOKING AT THE ITQ DEMONSTRATION FISHERY IN IT'S FULL CONTEXT. THE REPORT WHEN COMPLETED WILL BE CIRCULATED THROUGH OUR EXISTING CONSULTATIVE PROCESSES.

# ***THE CHINOOK STORY - HARVEST PERFORMANCE***

<b>FISHING PERIOD</b>	<b>GUIDELINES</b>	<b>CATCH</b>	<b>WCVI CATCH</b>	<b>EFFORT</b>
<b>PST &amp; WCVI ALLOCATIONS</b>		<b>243,600</b>	<b>11,600</b>	
<b>OCT 1 TO MAR 31</b>	Derby 5K ceiling	5,043	1,815	334
<b>JUNE 16 to JULY 17</b>	Derby 7K ceiling	6,953	2,074	316
<b>JUNE 3 TO SEPT 30</b>	ITQ of 1,000 CH	161,521	4,236	1,868
<b>TEST FISHERIES</b>	1500 CH ceiling	1,489		13
<b>HARVEST PERFORMANCE</b>		<b>174,806</b>	<b>8,125</b>	<b>2,975</b>
<b>DIFFERENCE</b>	Areas 1 & 2 Rec Catch	-68,800	3,475	

# ***THE COHO STORY***

## ***HARVEST GUIDELINES***



- ⌘ DIRECTED COHO FISHERY PERMITTED AS IN 2004 SUBJECT TO NOT EXCEEDING THE 15% CANADIAN EXPLOITATION RATE CEILING FOR COHO STOCKS IN AREAS 1 TO10.**
- ⌘ ADDITIONAL MEASURES TO BE TAKEN (CLOSURES INSIDE THE SURFLINE) IN Q.C.I. AND CENTRAL COAST AS REQUIRED.**

# ***THE COHO STORY***

## ***HARVEST PERFORMANCE***

<b><i>⌘ AREA 1/101 – 200,625</i></b>	<b><i>(64.7%)</i></b>
<b><i>⌘ AREA 2E/102 – 21,074</i></b>	<b><i>(6.8%)</i></b>
<b><i>⌘ AREA 2W- Closed</i></b>	
<b><i>⌘ AREA 3 – 8,623</i></b>	<b><i>(2.8%)</i></b>
<b><i>⌘ AREA 104 – 27,341</i></b>	<b><i>(8.8%)</i></b>
<b><i>⌘ AREA 105 – 3,003</i></b>	<b><i>(1.0%)</i></b>
<b><i>⌘ AREA 6/106 – 45,206</i></b>	<b><i>(14.6%)</i></b>
<b><i>⌘ AREA 7/107 – 1,736</i></b>	<b><i>Areas 7 to 110 (1.3%)</i></b>
<b><i>⌘ AREA 8/108 – 1,198</i></b>	
<b><i>⌘ AREA 110 – 1,100</i></b>	
<b><i>⌘ AREA 142 – Closed</i></b>	
<b><i>⌘ TOTAL – 309,906</i></b>	

# ***THE SOCKEYE, PINK AND CHUM STORIES- HARVEST GUIDELINES***



**⌘ NO DIRECTED SOCKEYE FISHERIES IN 2005  
DUE TO INSUFFICIENT RETURNS TO THE  
SKEENA RIVER.**

**⌘ DIRECTED PINK FISHERY OPENED FROM  
JULY 15 TO AUGUST 4 ON THE A-B LINE  
STRIP - COHO BY-CATCH PERMITTED  
WITH ALLOWANCE FOR CHINOOK  
HARVEST BY ITQ VESSELS WITH  
REMAINING QUOTA.**

# ***THE SOCKEYE, PINK AND CHUM STORIES- HARVEST GUIDELINES***



**⌘ NO DIRECTED FISHERIES ON CHUM PERMITTED IN 2005. FISHERIES RESTRICTED TO TIMES AND AREAS WHERE TERMINAL SURPLUSES WERE IDENTIFIED.**

**⌘ CUMSHEWA INLET ONLY AREA WHERE CHUM HARVEST PERMITTED AND NO TROLL EFFORT IDENTIFIED.**

# ***THE SOCKEYE, PINK AND CHUM STORIES- HARVEST PERFORMANCE***



**⌘ NO SOCKEYE CATCH DUE TO CONSERVATION REQUIREMENTS FOR SKEENA STOCKS.**

**⌘ DIRECTED PINK FISHERY ON THE A-B LINE STRIP ALONG THE INTERNATIONAL BOUNDARY WITH ALASKA HARVESTED 13,548 PIECES WHICH COMPRISED JUST UNDER 36% OF THE TOTAL PINK CATCH.**



# ***THE SOCKEYE, PINK AND CHUM STORIES- HARVEST PERFORMANCE***



**⌘ PINK HARVEST RATE AFFECTED BY LOW PRICE ACCORDS DURING THE DIRECTED COHO FISHERY IN AUGUST. SOME CATCH AND RELEASE RATES OF PINKS IN EXCESS OF 50% WERE NOTED.**

**⌘ CHUM ENCOUNTER RATES WERE MINIMAL AND LITTLE BY-CATCH ENCOUNTERED IN OTHER DIRECTED FISHERIES.**

# **2005 CATCH - SUMMARY**

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**⌘ SOCKEYE – Closed**

**⌘ COHO – 309,906**

**⌘ PINK – 43,773**

**⌘ CHUM - Closed**

**⌘ CHINOOK – 174,806\***

\*Includes 1489 chinook taken in stock assessment fisheries.

# **COHO / CHINOOK CATCH - SUMMARY – 1998 TO 2005**

YEAR	COHO	CHINOOK
1998	Closed	109,901
1999	Closed	46,633
2000	Closed	9,000
2001	10,318	13,100
2002	127,283	94,784
2003	213,362	137,329
2004	257,185	167,508
2005	309,906	174,806

# ***EFFORT SUMMARY – 1998 TO 2005***

YEAR	AVG. EFFORT	PEAK EFFORT	TOTAL BOAT DAYS
1998	75	139	5,635
1999	127	141	1,912
2000	24	35	957
2001	19	48	1,974
2002	28	70	3,827
2003	42	83	4,740
2004	53	122	5,196
2005	63	104	6,271