

2011 North Coast Troll Fishery



*POST-SEASON
REVIEW*

*DAVE REKDAL
RESOURCE MANAGER
- AREA F*

POST-SEASON REVIEW TOPICS

⌘ *FISHING PLAN HIGHLIGHTS:*

☑ *THE CHINOOK STORY*

**☒ *HARVEST GUIDELINES AND
PERFORMANCE***

**☒ *ITQ DEMONSTRATION
FISHERY***

POST SEASON REVIEW TOPICS

⌘ *THE COHO STORY*

**☑ *HARVEST GUIDELINES AND
PERFORMANCE***

⌘ *THE SOCKEYE, PINK AND CHUM STORIES*

**☑ *HARVEST GUIDELINES AND
PERFORMANCE***

☑ *CHUM SALMON CLOSED ALL YEAR*

POST SEASON REVIEW TOPICS



**⌘ *SUMMARY OF THE NORTH
COAST TROLL CATCH AND
EFFORT***

THE CHINOOK STORY

HARVEST GUIDELINES



- ⌘ **Chinook harvest was guided by the continuation of the ITQ harvest method based upon the Total Allowable Catch (TAC) derived from the Pacific Salmon Treaty (PST). As there is an Exploitation Rate (ER) ceiling respecting WCVI Chinook which fluctuates, the harvest strategies (times and areas) have been amended in recent years.**
- ⌘ **Subsequent harvest from June 9th to June 21st was guided by the requirements so as to not exceed the 2002 ER of WCVI Chinook and the PST Chinook TAC for 2011.**

THE CHINOOK STORY HARVEST GUIDELINES



- ⌘ DNA samples were obtained from trollers via dockside monitoring used to identify the percentage component of WCVI Chinook with-in and after Chinook harvesting.**
- ⌘ To meet obligations under Pacific Salmon Treaty (PST), catch accounting is required so as to not exceed the all gear TAC in Areas 1 and 2 established at 132,400 Chinook for 2011.**


THE CHINOOK STORY HARVEST GUIDELINES



- ⌘ Chinook harvest in Areas 1 and 2 under the PST includes catch by both the Commercial and 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 the Demonstration ITQ fishery.**

ITQ DEMONSTRATION CHINOOK FISHERIES



- ⌘ **282 VESSELS WERE LICENSED FOR SALMON LICENSE AREA F (NORTH COAST TROLL). AS IN 2010, ALL LICENSED VESSELS PARTICIPATED ON THE CHINOOK ITQ FISHERY IN 2011.**

- ⌘ **CHINOOK ALLOCATIONS WERE EQUITABLE AND SET AT 468 CHINOOK PER LICENSE BASED UPON THE COMMERCIAL ALLOCATION OF 132,400 CHINOOK.**

ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES



**⌘ THE ITQ FISHERY OPENED ON JUNE 9th
AND WAS SCHEDULED TO CLOSE AUGUST
3RD. THE ITQ FISHERY CLOSED ON JUNE
21ST FOR THE BALANCE OF THE SEASON
DUE TO THE WCVI TAC BEING ACHIEVED
WITH 126 TROLLERS HAVING HAD
CHINOOK VALIDATIONS DURING THE 2011
SALMON SEASON.**

ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES

- ⌘ **113 OF THE 126 TROLLERS WHO VALIDATED CHINOOK DID NOT ACHIEVE THEIR HARVEST ALLOCATIONS WITH A TOTAL OF 8 VESSELS EXCEEDING THEIR QUOTAS BY VARIOUS AMOUNTS. THESE VESSELS HAVE TO DATE BALANCED THEIR ITQ OVERAGES WITH THE EXCEPTION OF 2 VESSELS.**
- ⌘ **A TOTAL OF 176 VESSELS HAD CATCH ALLOCATIONS RANGING FROM 6 TO 2,244 PIECES. AS IN 2010, THERE WAS A CAP IMPOSED ON THE ALLOWABLE QUOTA OF 1,500 CHINOOK AS RECOMMENDED BY THE AFHC TO LIMIT THE ITQ CATCH QUOTAS WHICH EQUATED TO AN INITIAL VESSEL TAC OF 468 CHINOOK. ONCE THE CAP WAS REACHED, THE FISHER COULD APPLY FOR MORE CHINOOK.**
- ⌘ **A TOTAL OF 152 CHINOOK REALLOCATIONS WERE MADE INVOLVING 176 VESSELS TRANSFERRING A TOTAL OF 87,568 CHINOOK BOTH TO AND FROM THE PARTICIPATING VESSELS.**

ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES

- ⌘ **AS IN THE PREVIOUS 5 DEMONSTRATION FISHERIES, ALL CATCH WAS VALIDATED BY A DOCKSIDE MONITORING PROGRAM ADMINISTERED BY J.O. THOMAS AND ASSOCIATES.**
- ⌘ **QUOTA TRACKING AND TRANSFERS AMONGST VESSELS WERE HANDLED THROUGH THE RESOURCE MANAGER AND SUPPORT STAFF LOCATED IN PRINCE RUPERT.**
- ⌘ **COSTS FOR VALIDATION WERE BORNE BY THE HARVESTERS AND ARRANGED THROUGH J.O. THOMAS AND ASSOCIATES.**

ITQ DEMONSTRATION AND OPEN (DERBY) CHINOOK FISHERIES



- ⌘ THE PREVIOUS DEMONSTRATION FISHERIES CONDUCTED FROM 2005 TO 2010 INCLUSIVE WERE REVIEWED BY BOTH INTERNAL AND EXTERNAL SOURCES WITH THE LESSONS LEARNED BEING APPLIED TO THE SUCCEEDING FISHERIES.**
- ⌘ THE FISHERY CONDUCTED THIS YEAR WILL BE SIMILARLY REVIEWED THROUGH CONSULTATION WITH AFHC ADVISORS FOR FURTHER ADVICE, DIRECTION, AND RECOMMENDATIONS TO BE USED IN FUTURE AREA F TROLL FISHERIES.**

THE COHO STORY

HARVEST GUIDELINES



- ⌘ **A DIRECTED COHO FISHERY WAS PERMITTED AS IN 2010 SUBJECT TO NOT EXCEEDING THE CANADIAN EXPLOITATION RATE CEILING FOR COHO STOCKS IN AREAS 1 TO 10.**
- ⌘ **ADDITIONAL MEASURES TO BE IMPLEMENTED (CLOSURES INSIDE THE SURFLINE) IN Q.C.I. AND CENTRAL COAST IF AND AS REQUIRED.**

THE COHO STORY

HARVEST PERFORMANCE

⌘ AREA 1/101 – 220,293 (74.3%)

⌘ AREA 2E/102 – 6,003 (2.0%)

⌘ AREA 2W- 518 (.002%)

⌘ AREA 103 – 2,348 (.008%)

⌘ AREA 104 – 49,604 (16.7%)

⌘ AREA 105 – 1,147 (.004%)

⌘ AREA 6/106 – 15,932(5.4%)

⌘ AREA 7/107 – Closed

⌘ AREA 8/108 – Closed

⌘ AREA 9/109/110 – Closed

⌘ AREA 142 – 802 (.003%)

⌘ TOTAL – 296,647

THE CHINOOK STORY

HARVEST PERFORMANCE

Item	Comment	PST Allocation	Troll CH	WCVI CH	Sport CH
Canadian Allocations	468 Chinook per troll vessel (ITQ)	182,400	132,400	3,477	50,000
June 9 to June 21 Catch	10.3% of trollers achieved quota		74,660	5,318	15,500
June 22 to Sept. 30	Troll Closed		0		32,500
22 ATP (DFO) licenses	Used regionally		10,296		
	Remaining	49,444	47,444	-1,841	2,000

THE CHINOOK STORY

HARVEST PERFORMANCE



⌘ AREA 1/101 – 59,125*

⌘ AREA – 2W – 1,437*

⌘ AREA – 142 – 10,483*

*** - FOS Catch Count 71,045 pcs. and Validated
Catch count 74,660 pcs.**

THE SOCKEYE, PINK AND CHUM STORIES- HARVEST GUIDELINES



**⌘ IN 2011, SOCKEYE HARVEST WAS
OPENED FOR THE SEASON.**

**⌘ THE DIRECTED PINK FISHERY
OPENED FROM JULY 1 TO JULY 14 ON
THE A-B LINE STRIP – COHO BY-
CATCH WAS PERMITTED WITH
CHUM SALMON REMAINING CLOSED
FOR THE 2011 SEASON.**

THE SOCKEYE, PINK AND CHUM STORIES- HARVEST PERFORMANCE



⌘ SOCKEYE HARVEST RECORDED A TOTAL OF 6,651 PIECES FROM OPENED AREAS.

⌘ CHUM HARVEST RECORDED 10 PIECES FROM CLOSED AREAS.

⌘ THE DIRECTED PINK FISHERY ON THE A-B LINE STRIP AND OTHER LOCATIONS IN DIXON ENTRANCE HARVESTED 52,221 PIECES WHICH COMPRISED APPROXIMATELY 90% OF THE TOTAL PINK CATCH.

2011 CATCH - SUMMARY



⌘ SOCKEYE – 6,651

⌘ COHO – 296,647*

⌘ PINK – 57,983*

⌘ CHUM – 10**

⌘ CHINOOK – 74,660

*Preliminary catch numbers for Coho and Pink.

** Reported Chum catch from closed Areas.

COHO/CHINOOK CATCH SUMMARY

- 2004 TO 2011

YEAR	COHO	CHINOOK
2004	257,185	167,508
2005	309,906	174,806
2006	161,857	151,516
2007	213,776	83,235
2008	76,726	52,138
2009	238,973	75,470
2010	160,099	90,213
2011	296,647	74,660

EFFORT SUMMARY - 2004 TO 2011

YEAR	AVG EFFORT	PEAK EFFORT	TOTAL BOAT DAYS
2004	53	122	5,196
2005	63	104	6,271
2006	49	101	5,571
2007	57	114	4,367
2008	65	114	4,298
2009	66	114	5,241
2010	45	96	4,953
2011	59	106	3,600