



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Pacific Region Conservation and Protection

2009 PROGRAM RESULTS (Salmon)

Integrated Harvest Planning Committee

January 19, 2010

Sheraton Four Points, Richmond

Canada



Overview

- C&P Priorities for 2009/10
- Performance Data for 2009/10 by Area
- Compliance Challenges for 2009/10 by Area
- Regional Compliance Challenges for 2010/11
- Questions



2009/10 C&P Work Plan Priorities (IRM)

- **Salmon**
 - Fraser sockeye
 - Maintain enhanced Fraser sockeye coverage (Additional Fishery Officers deployed to Fraser River June 22-Sept13)
 - Early-timed Fraser Chinook
 - West Coast Vancouver Island and Lower Georgia Strait Chinook
 - Skeena/ Nass sockeye – correlates to PICFI and FM&CR objectives
- **CSSP(Contaminated Sanitary Shellfish Program)** now including Waste Water Treatment
- **Ground fish**
 - FN dual fishing
 - Conservation & increased monitoring
- **Fish Habitat**
 - Development and implementation of area habitat operational plans as annexes to regional and national HCM protocols
 - Shifted and amend practices
 - Fishery Officer and HEB staff training
- **Species At Risk Act Projects**
 - Abalone
 - Southern Resident Killer Whales
 - Sea Otter
- **Fisheries Renewal Implementation**



NORTH COAST SALMON FISHERIES -- APRIL 1, 2009 TO JANUARY 12, 2010

FISHERY CATEGORY	FISHERY OFFICER EFFORT HOURS	PER CENT TOTAL EFFORT	CHECKS	VIOLATIONS	COMPLIANCE RATE**	NON-COMPLIANCE RATE
COMM SALMON (TROLL)	705	1%	137	28	80%	20%
COMM SALMON (NET)	1396	3%	356	34	90%	10%
ABORIG SALMON	1812	4%	288	36	87%	13%
AB SALMON (ECONOMIC)	2588	5%	457	36	91%	9%
REC SALMON (NON-TIDAL)	3490	7%	2982	121	96%	4%
REC SALMON (TIDAL)	2463	5%	2533	201	92%	8%

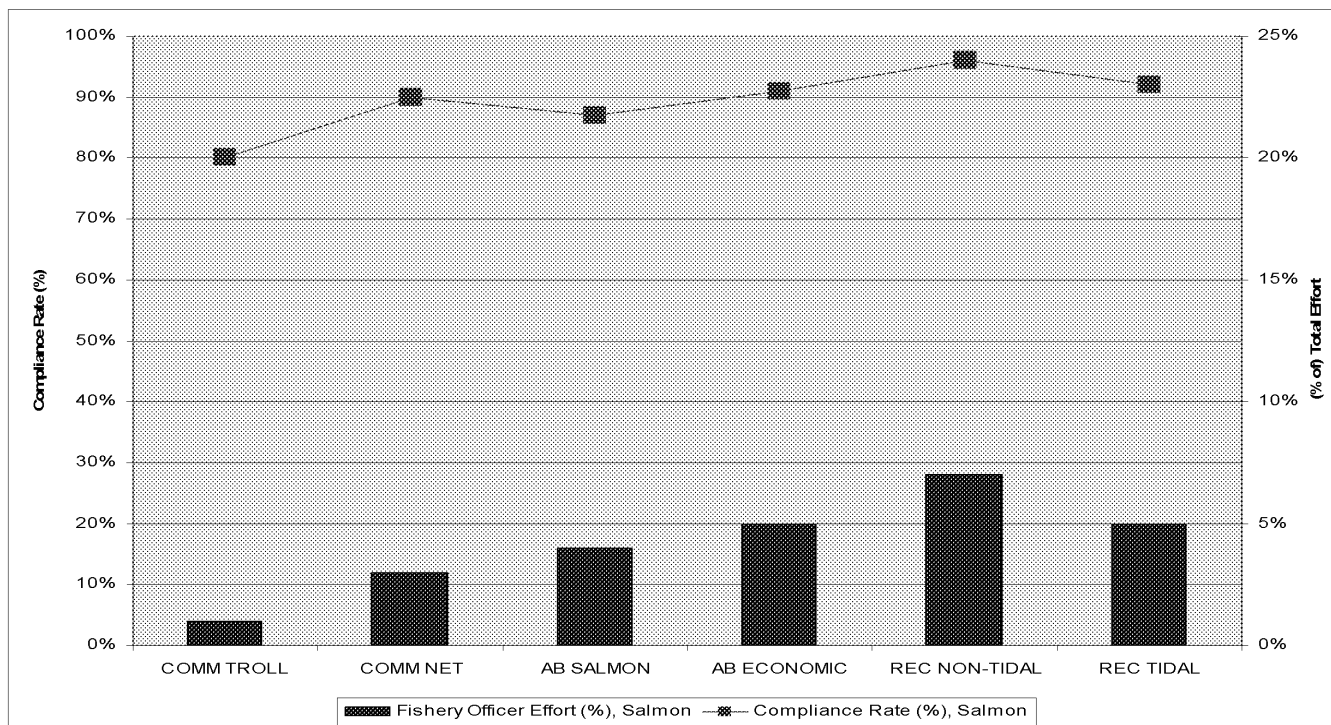
NOTES: * Checks = no. of persons checked

** Compliance rate (of proportion checked) = 100% minus Non-Compliance Rate (number of violations/person checked X 100)



North Coast Salmon Fisheries Results

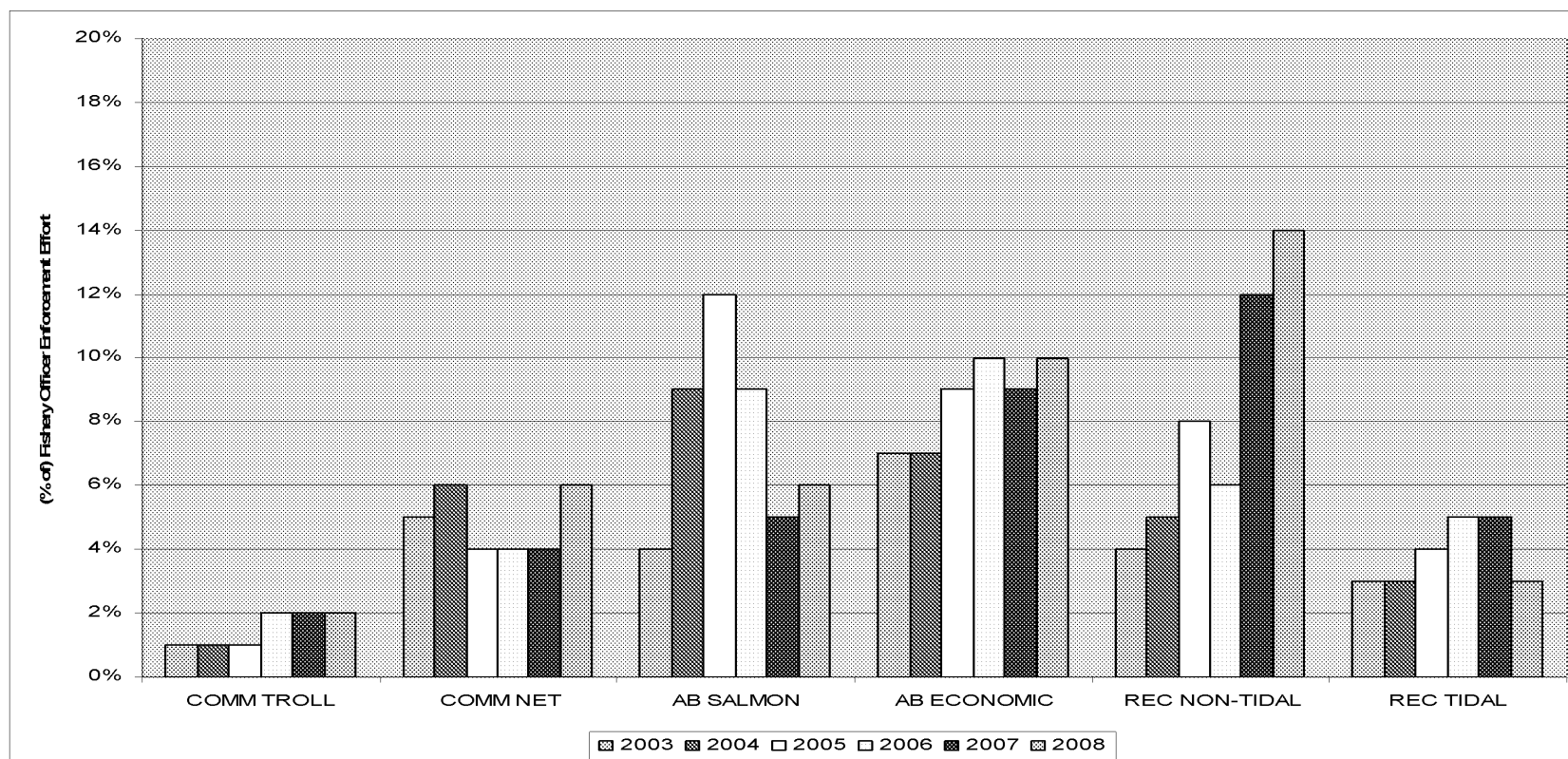
Fishery Officer Effort (%) vs Compliance Rate (%) April 1, 2009 -- January 2010





North Coast Salmon Fisheries Results

Fishery Officer Enforcement Effort (%) – 2003/04 – 2008/09





2009/10 NCA Compliance Challenges

- ❖ Numerous violations were encountered in the recreational fishery through out the NC Area, including illegal gear, exceeding quota, licensing and recording, and snagging. Central Coast Area very high non-compliance. C&P and RM continue to work collaboratively with recreational community to improve compliance issues.
- ❖ Gifting of fish is becoming more prevalent as a means to bypass possession limits (i.e. sport fishing limits and possession of FSC catch).
- ❖ Compliance issues in Area F Troll fishery – i.e. barbed hooks, quota issues. C&P and RM continue to work collaboratively with industry to improve compliance issues.
- ❖ Compliance with Selective fishing requirements in the Area 6 fishery needs improvement (i.e. ramping and release methods). C&P and RM need to improve monitoring and communications in-season.



2009/10 NCA Compliance Challenges con't

- ❖ Poor sockeye returns to the Skeena result in significant management actions taken by some Tsimshian Communities related to their FSC fishery. Areas 4-12 and 4-15 (approaches to the Skeena River) were closed to all non-Tsimshian First Nations.
- ❖ Babine Lake recreational Sockeye fishery continues to grow despite 2009 being a low Sockeye return. During August the Fulton River area averaged 130 boats on the weekends and the Pinkut area was averaging 60 boats.
- ❖ FSC laundering of salmon into the commercial gillnet fishery continues to be a significant compliance issue. C&P, RM and First Nations continue to work collaboratively to improve compliance issues.
- ❖ Poor Sockeye returns to the Skeena resulted in no inland ESSR or Demonstration Fisheries in the inland portions of the Skeena River.



SOUTH COAST SALMON FISHERIES -- APRIL 1, 2009 TO JANUARY 12, 2010

FISHERY CATEGORY	FISHERY OFFICER EFFORT HOURS	PER CENT TOTAL EFFORT	CHECKS	VIOLATIONS	COMPLIANCE RATE**	NON-COMPLIANCE RATE
COMM SALMON (TROLL)	30	0%	8	0	100%	0%
COMM SALMON (NET)	890	1%	408	47	88%	12%
ABORIG SALMON	2536	4%	433	126	71%	29%
AB SALMON (ECONOMIC)	187	0%	147	8	94%	6%
REC SALMON (NON-TIDAL)	1067	2%	729	83	89%	11%
REC SALMON (TIDAL)	4999	8%	5664	547	90%	10%

NOTES:

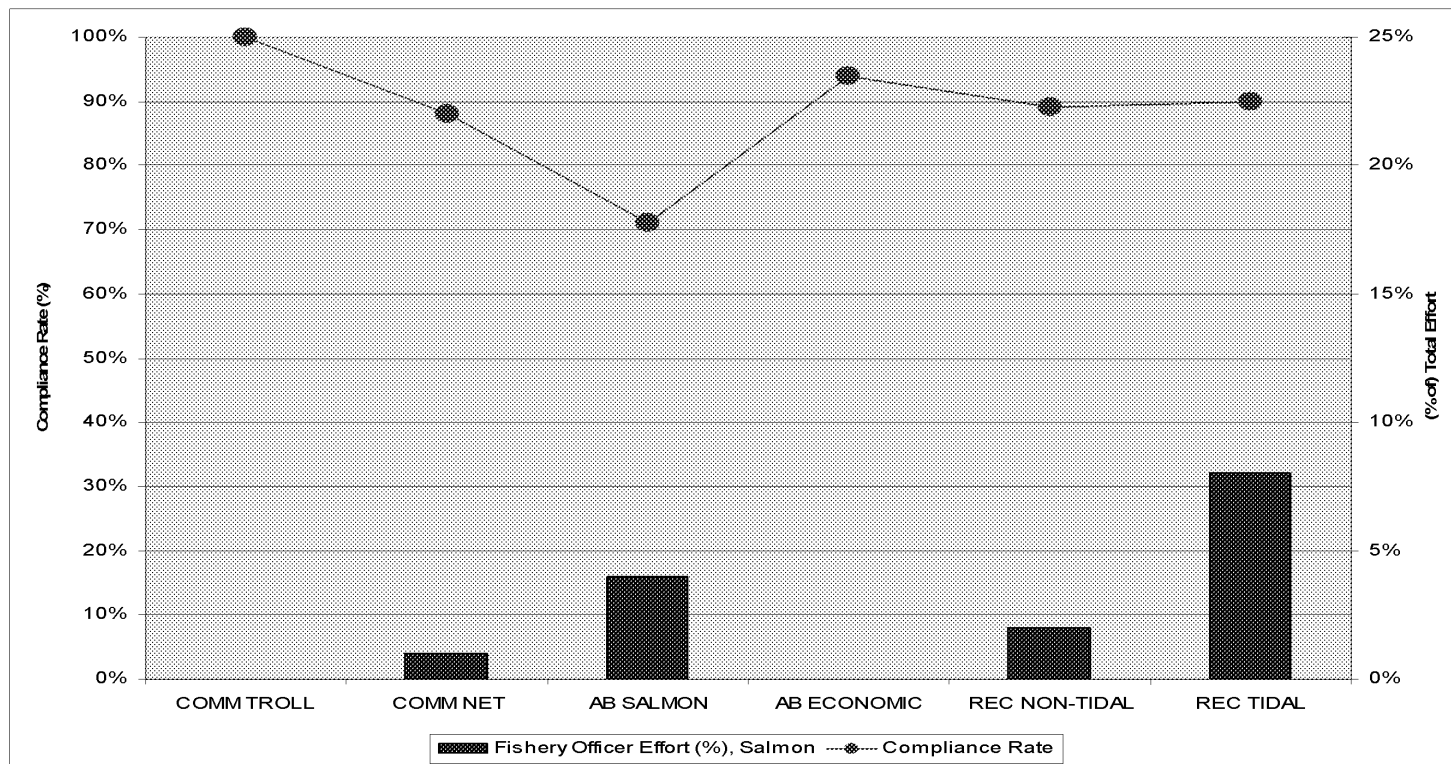
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South Coast Salmon Fisheries Results

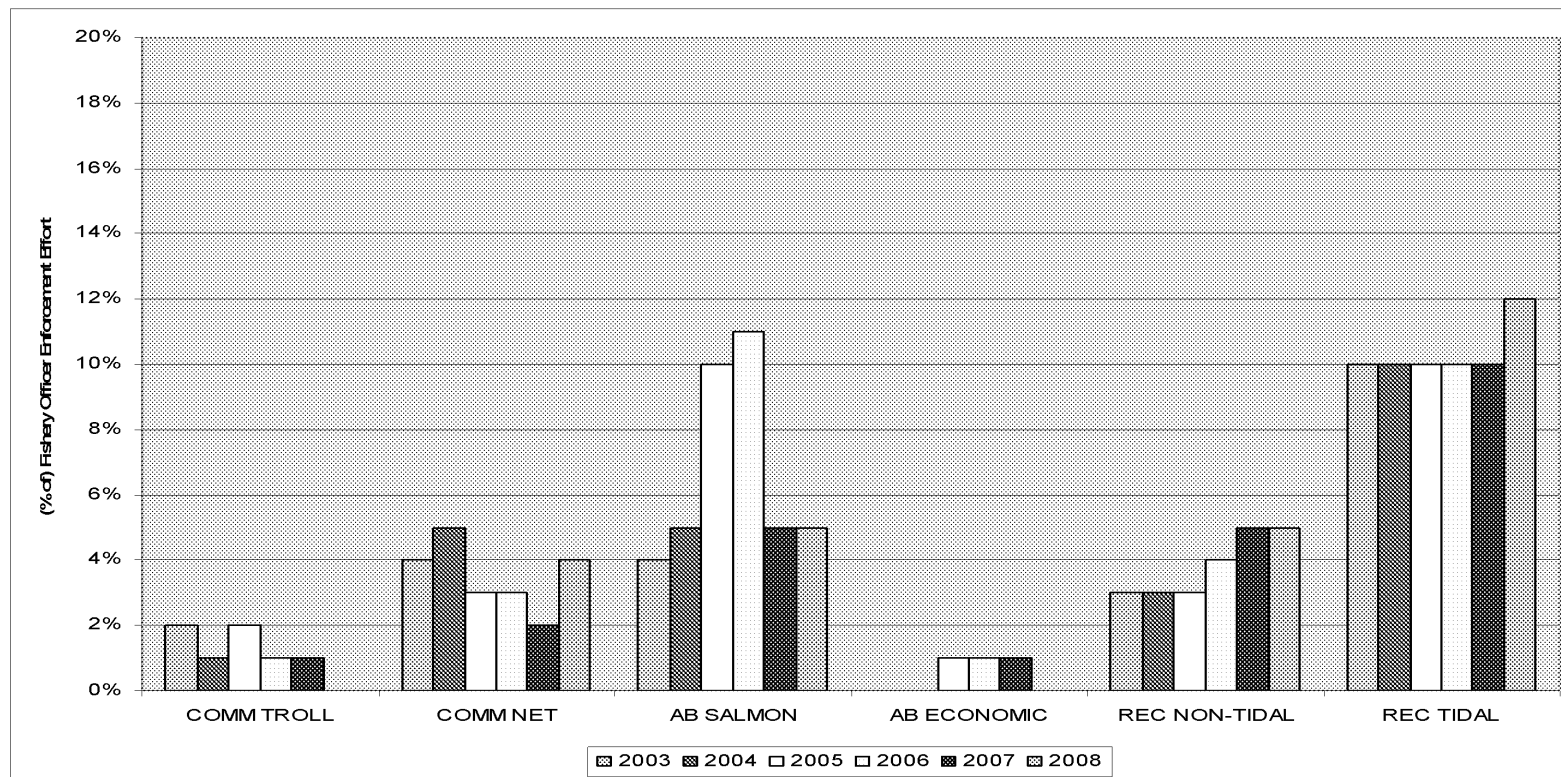
Fishery Officer Effort (%) vs Compliance Rate (%) - April 1, 2009 -- January 2010





South Coast Salmon Fisheries Results

Fishery Officer Enforcement Effort (%) 2003/04 -- 2008/09





2009/10 SCA Compliance Challenges

- CSSP/WWTP – Implementation and expansion
- Illegal sales – groundfish, shellfish and salmon (fsc, dual fishing, groundfish, Ahousaht decision)
- Somass & Fraser (JS) fisheries (allocations and unauthorized sales)
- Conservation and Selective fishing measures
- Aquaculture (now a fishery, heightened public expectations)
- Habitat Protection (continued development and change approach)
- Decrease in recreational fishery compliance (WCVI in particular and RCAs)
- Increased marine mammal occurrences
- Reduced at-sea capabilities – CCG MEO program
- Groundfish non-compliance/Dual Fishing



BC INTERIOR SALMON FISHERIES -- APRIL 1, 2009 TO JANUARY 12, 2010

FISHERY CATEGORY	FISHERY OFFICER EFFORT HOURS	PER CENT TOTAL EFFORT	CHECKS*	VIOLATIONS	COMPLIANCE RATE**	NON-COMPLIANCE RATE
COMM SALMON (TROLL)	0	0%	0	0	100%	0%
COMM SALMON (NET)	0	0%	0	0	100%	0%
ABORIG SALMON	7671	23%	583	109	81%	19%
AB SALMON (ECONOMIC)	17	0%	11	0	100%	0%
REC SALMON (NON-TIDAL)	729	2%	683	43	94%	6%
REC SALMON (TIDAL)	0	0%	0	0	100%	0%

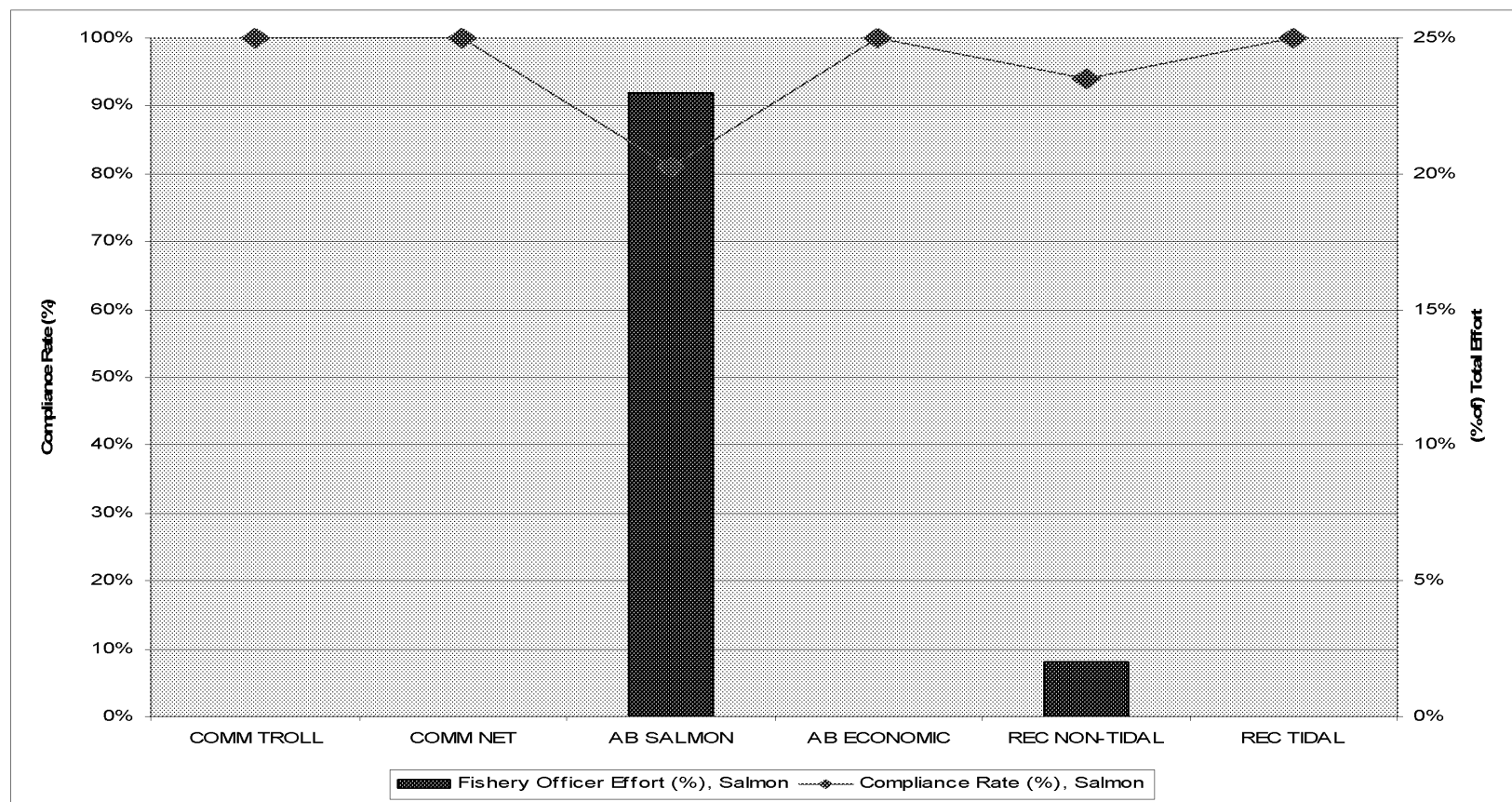
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BC Interior Salmon Fisheries Results

Fishery Officer Effort (%) vs Compliance Rate (%) April 1, 2009 -- January 2010

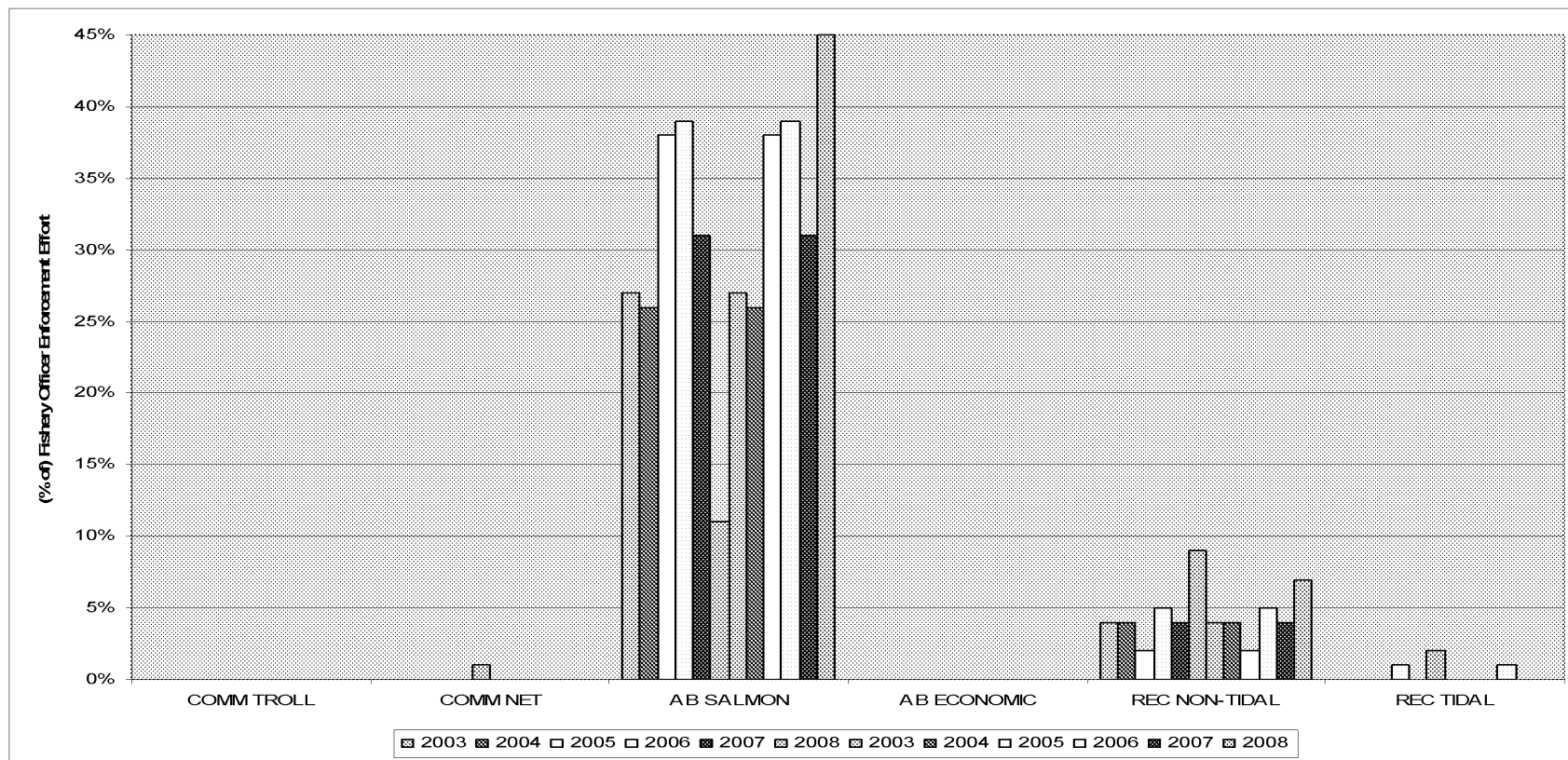




BC Interior Salmon Fisheries Results

Fishery Officer Enforcement Effort (%)

2003 -- 2008





2009/10 BCI Compliance Challenges

- Pre-season forecasts suggested a healthy sockeye abundance could be anticipated but unprecedented poor returns resulted in extended closures and very limited First Nation fishing opportunities.
- Anticipated recreational opportunities were cancelled.
- Protest fishing activity occurred in the St'at'Imc Dry Rack area.
- Fishers were authorized to use gillnets with an eight inch mesh restriction. The intent being to allow fishers to harvest chinook.
- Very few gillnets met this mesh restriction. Coupled with the decision to allow retention of "mortally wounded" sockeye in both gillnet and dipnet fisheries, resulting in increased sockeye salmon harvest and complicated compliance problems.
- Ongoing staff vacancies (50% capacity at times).



LOWER FRASER SALMON FISHERIES -- APRIL 1, 2009 TO JANUARY 12, 2010

FISHERY CATEGORY	FISHERY OFFICER EFFORT HOURS	PER CENT TOTAL EFFORT	CHECKS	VIOLATIONS	COMPLIANCE RATE**	NON-COMPLIANCE RATE
COMM SALMON (TROLL)	9	0%	0	0	100%	0%
COMM SALMON (NET)	724	2%	131	15	88%	12%
ABORIG SALMON	3482	8%	715	82	88%	12%
AB SALMON (ECONOMIC)	76	0%	10	2	80%	20%
REC SALMON (NON-TIDAL)	1468	3%	1344	121	91%	9%
REC SALMON (TIDAL)	1253	3%	1217	282	77%	23%

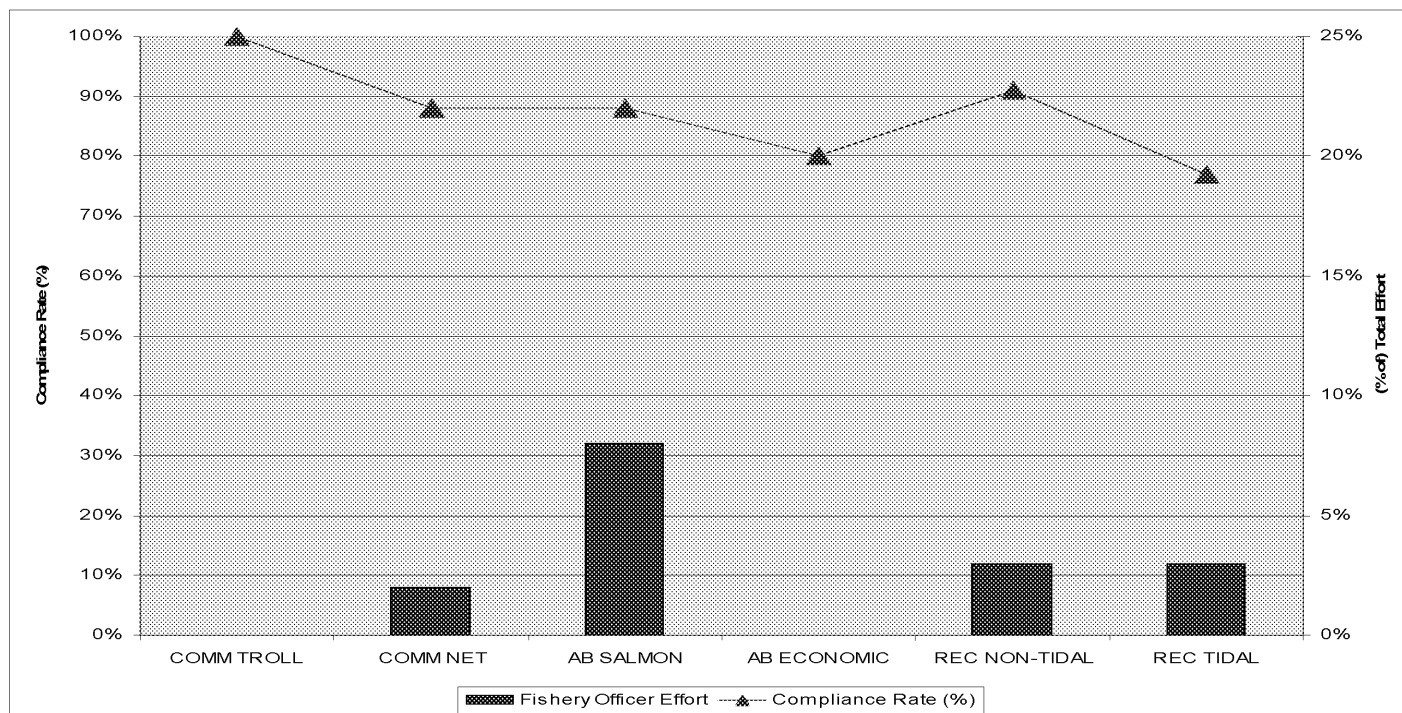
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Lower Fraser Salmon Fisheries Results

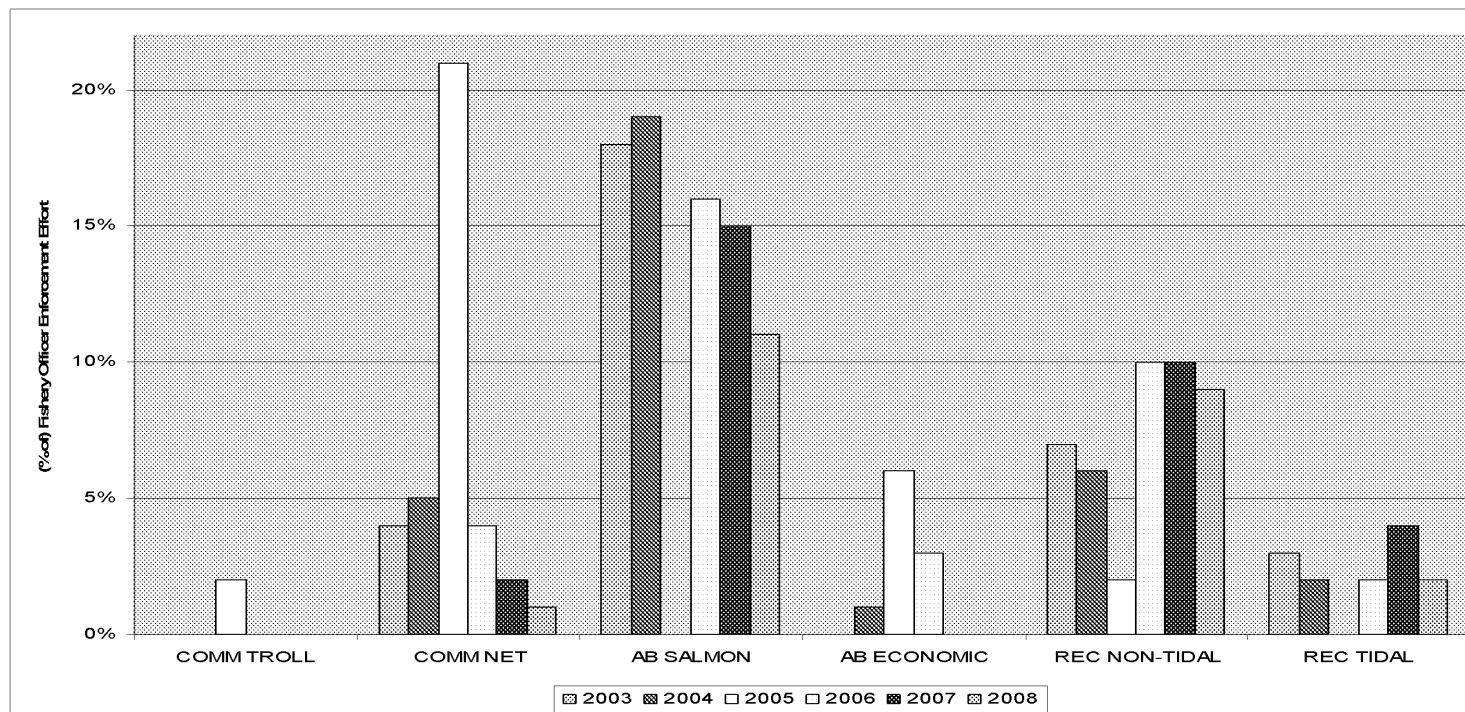
Fishery Officer Effort (%) vs Compliance Rate (%) April 1, 2009 -- January 2010





Lower Fraser Salmon Fisheries Results

Fishery Officer Enforcement Effort (%) 2003/04 – 2008/09





2009/10 LFA Compliance Challenges

- Chronic non-compliance to regulations and license conditions by the Cheam First nation resulted in weekly charges, forfeitures and arrests.
- The crowd of anglers often encountered on LFA river systems due to the large population base in the Lower Mainland has resulted in significant snagging issues on spawning grounds and over limit issues on systems such as the Stave and Vedder where fishing violations are frequently encountered
- Frequent patrols using helicopter, jet boats and patrol vehicles on the Fraser River were strategically implemented to protect sockeye runs. Funding and effort will need to be maintained in 2010.



2010/11 C&P Regional Program Challenges

Judicial Inquiry

Transfer of aquaculture to DFO

Waste Water Treatment Plants

Appeal of the Ahousaht et al decision

Treaty Roll Out Tsawassen, Ma-Na-Nulth

Salmon Dual Fishing

Habitat Protection

Financial Challenges



Questions/Suggestions?