



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Pacific Integrated Commercial Fisheries Initiative (PICFI) Overview

Visions Conference 2011

October 6th , 2011



Canada



Outline

- PICFI background and elements
- PICFI support for 2011
- 2011 demonstration fisheries
- E-Log pilot program
- Sunset of PICFI – March 2012



PICFI Background

In 2007, Fisheries and Oceans implemented the PICFI initiative to meet the following objectives:

- Move commercial fisheries in-land to meet wild salmon policy objectives – minimize marine mix stock fisheries
- Establish clearly defined shares in the salmon fishery
- Enhance environmental sustainability and economic viability of commercial fisheries
- First Nation aspirations to be involved in commercial fisheries (economically and management of fisheries)



Four Elements of PICFI

1. **Access and Distribution** — Purchase of relinquished licences and quota to meet CFE interests identified in business plans.
2. **Capacity Building** — Support for skills development in support of Commercial Fishing Enterprises (CFE), including business management, fishing skills, equipment maintenance and fisheries management
3. **Co-Management** - Improve First Nations co-management and policy development with multi-interest decision-making and to design and implement share based salmon management
4. **Enhanced Accountability** — Improved catch monitoring/reporting and compliance to support conservation of fisheries resources. Improve management, integration and access to fisheries information while supporting emerging traceability requirements and eco-certification.



PICFI Support 2011

- Capacity building support provided to 2 PICFI applicants in the BCI – Secwepemc Fisheries Commission and Upper Fraser Fisheries Conservation Alliance.
- Okanagan Nation Alliance support focused on marketing and training opportunities
- Business and training plan development and submissions
- Support training / mentoring requirements detailed in training plan submissions.
- Operational support to assist demonstration fisheries



Training and Mentoring - 2011

Certified Fish Safe Mentors





Training

- Training for Commercial Fishing Enterprises crews dependant on fishery activity and requirements related to Transport Canada and Provincial regulations
- Ensure fishery operations are consistent with safety requirements for all commercial operations regardless of waters (marine or freshwater)
- Training activities range from vessel operator certifications (SVOP / MED A3), first aid training, forklift training, transportation endorsements, food safe, and swiftwater rescue



Mentoring

- The ability to transfer knowledge and experience by certified Fish Safe mentors to in-land Commercial Fishing Enterprises.
- Introduce commercial selective fishing methods not typically used traditionally by In-land First Nation FSC fisheries to enable the harvest of salmon at a commercial scale
- Ensure fishing operations are conducted safely and effectively for crews



Okanagan Nation Alliance – Purse seine
On Osoyoos Lake



Okanagan Nation Alliance

- Hosted by ONA over five days - Class room and "On the water" training
- Collaboration between Commercial Fishing Enterprises - Okanagan Nation Alliance, North Shuswap Tribal Council and Tsilhqot'in National Gov't
- Class room training focused on vessel knowledge and skills, safety and organization, harvest data management, seamanship, and food quality / safety management



Secwepemc Fisheries Commission – Chinook Set Net on Kamloops Lake



Northern Shuswap Tribal Council

Purse seine on Quesnel Lake





Tsilhqot'in National Gov't



Dip Net – Safety training

Beach seine mentoring





BCI Demonstration Fisheries 2011

- 4 commercial communal licences were issued to First Nation groups for in-land fisheries in the BCI.
- Okanagan Nation Alliance
- Secwepemc Fisheries Commission
- T'silhqo'tin National Gov't
- North Shuswap Tribal Council



Commercial opportunities

- Escapement targets and First Nation Food, Social and Ceremonial (FSC) fisheries takes priority over commercial demonstration fisheries.
- Demonstration fisheries will only occur when available commercial allocations exist.
- Moving a share of commercial fisheries to near terminal areas may improve the conservation of weaker stocks.



Allocation / Harvest

- Secwepemc Fisheries Commission – Kamloops Lake
 - Chinook allocation of 6066 – harvested 5327
 - Sockeye allocation of 24,252 – harvested 5566
 - Pink allocation of 3% of the CCTAC – harvested 9946
- Okanagan Nation Alliance – Osoyoos Lake
 - Sockeye allocation of up to 10,000 – harvested 778
- Upper Fraser Fisheries Conservation Alliance
 - Sockeye allocation of 25,588 – harvested 3593 from the Chilcotin
 - » Chilcotin / Chilko allocation – 20,000
 - » Quesnel watershed allocation – 1,842
 - » L. Stuart – allocation 1,016
 - » Stellako allocation – 1,957
 - Pink allocation of 1% of the CCTAC – NSTC harvested modest amount



DFO E-Log:

A Brief look at the Electronic Fishery Logbook

Visions Conference
Quesnel, BC



Prepared By:

Robyn Garon: Robyn.Garon@dfo-mpo.gc.ca

Desiree Blair: Desiree.Blair@dfo-mpo.gc.ca



NATIONAL GEOGRAPHIC

Find more wildlife at www.nationalgeographic.com

Photograph by Peter Cook



Inland Commercial Fishery DFO E-Log

Inland CFEs are moving towards defined and consistent levels of monitoring, clear accountabilities and linked data management.

Implementation of these electronic reporting tools makes it easy to ensure DFO's standards are met.

DFO is currently investigating and developing ways to increase the e-log's suitability to First Nations Inland CFEs.



DFO E-Log

- Various Electronic Reporting Initiatives in BC
 - ❖ DFO Test Fisheries
 - ❖ Recreational E-Log
 - ❖ First Nations FSC Database
 - ❖ Commercial DFO E-Log
 - ❖ **First Nations Inland-Commercial Database**



Inland Commercial Fishery DFO E-Log

This season.....

- Voluntary **pilot** for 2011
- Content and design based on paper records
- Reporting requirements
- E-mail module

Next season.....

- Data sent directly to DFO's FOS in real time
- GPS coordinates captured (automatically)
- Various components available if required



Example Screen Shots

DFO ELog - admin

File View Tools Setup About

Show Panel Home Page Help

Catch Log Reports Export Settings Manage

Save Previous Log Next Log Resend Data Send

First Nations Catch Log (Log Number 028)

Date Landed September 13, 2011	Landing Site Siwash Bridge	Monitor Jenna Milne	Gear Type Dipnet
Band Tl'etinqox'tin Government	Band Group Tsilhqot'in National Governm	Licence Number BCI-PICFI-2011-0004	
Fisher Name Grant Alphonse	ELog ID FN00033	Fishing Location Siwash Bridge	
Fishing Start		Fishing End	
Set # 1	Date September 12, 2011	Date September 13, 2011	Time 05:30
Salmon (Pieces)		Non-salmon (Pieces)	
Species Name	Sales	FSC	Rel

System:10:15:06 AM Width: 1040 Height: 576



Example Screen Shots

DFO ELog - admin

File View Tools Setup About

Show Panel Home Page

Help

Catch Log Reports Export Settings Manage

Save Previous Log Next Log

Resend Data Send

Grant Alphonse FN00033 Siwash Bridge

Fishing Start

Set #	Date	Time
1	September 12, 2011	23:00

Fishing End

Date	Time
September 13, 2011	05:30

Salmon (Pieces)

Species Name	Sales	FSC	Rel
Unmarked Chinook			
Total Chinook			
Sockeye	53		13
Sockeye Jack			
Pink			
Chum			

Non-salmon (Pieces)

Species Name	Sales	FSC	Rel
Rainbow Trout			
Steelhead			
Sturgeon			
Whitefish			
Carp			
Pikeminnow			

System:10:15:32 AM Width: 1040 Height: 576



Example Screen Shots

DFO ELog - admin

File View Tools Setup About

Show Panel Home Page Help

Catch Log Reports Export Settings Manage - Resend Data

Salmon First Nati Convert to Excel Filter by Order by Print

Total by Day					
2011-08-29			65		5.2
2011-08-30			200	2	8.6
2011-08-31			357	2	17.1
2011-09-01			496	6	31.37
2011-09-02			172		15.64
2011-09-06			428	14	26
2011-09-07			252	15	15.26
2011-09-08			361	3	3
2011-09-09			85		7.08
2011-09-11			120	6	14.82
2011-09-12			197	21	8.72
Total by Week					
2011-08-28 to 2011-09-04			1290	10	15.48
2011-09-04 to 2011-09-11			1126	32	6.89
2011-09-11 to 2011-09-18			317	27	10.27
Total to Date					
			2733	69	9.81

System:10:18:30 AM Width: 1040 Height: 576



Example Screen Shots

Print Preview

1 Page View

Shrink To Fit

Salmon First Nations Report

Date	Class	Fishing Location	Unit #	Quantity	Weight
2011-08-29	Opinel	Handover Bridge	1	5	0.87
2011-08-29	Opinel	Anaham Reservoir	1	60	1.33
2011-08-29	Search Team	Handover Bridge	1		
2011-08-30	Opinel	Anaham Reservoir	1	70	1.47
2011-08-30	Opinel	Bull Canyon	1	60	5
2011-08-30	Opinel	Anaham Reservoir	1	70	1.53
2011-08-31	Opinel	Anaham Reservoir	1	75	2.55
2011-08-31	Opinel	Bull Canyon	1	201	16.15
2011-08-31	Opinel	Anaham Reservoir	1	75	1.5
2011-09-01	Opinel	Bull Canyon	1	170	3.137
2011-09-01	Opinel	Anaham Reservoir	1	163	17.37
2011-09-01	Opinel	Anaham Reservoir	1	163	1.65
2011-09-02	Opinel	Bull Canyon	1	112	15.87
2011-09-02	Opinel	Anaham Reservoir	1	30	1.5
2011-09-02	Opinel	Anaham Reservoir	1	30	30
2011-09-06	Opinel	Bull Canyon	1	330	3.2
2011-09-06	Opinel	Swan Bridge	1	108	14.43
2011-09-07	Opinel	Bull Canyon	1	107	4.11
2011-09-07	Opinel	Swan Bridge	1	143	11.23
2011-09-08	Opinel	Bull Canyon	2	8	0.96
2011-09-08	Opinel	Swan Bridge	1	50	12.77
2011-09-08	Opinel	Bull Canyon	1	275	2.262
2011-09-08	Opinel	Swan Bridge	1	70	11.87
2011-09-09	Opinel	Swan Bridge	1	15	2.5
2011-09-11	Opinel	Bull Canyon	1	120	14.42
2011-09-12	Opinel	Bull Canyon	1	103	9.26
2011-09-12	Opinel	Swan Bridge	1	53	12.13
2011-09-12	Opinel	Swan Bridge	1	41	8.53
Totals By Day					
2011-08-29				65	8.2
2011-08-30				200	2.6
2011-08-31				337	17.1
2011-09-01				498	31.37
2011-09-02				172	15.87
2011-09-06				438	14.26

Page 1 of 2

***You can choose to illustrate the data in a basic table, or convert the data to an Excel spreadsheet.**



Devices



Computers

- DFO has purchased PC Tablets for Demo fisheries to use (ready with Excel and E-logs)

Communications

- USB Internet Sticks, tethering of cell phones, etc... were used to transmit data
- In future → data to automatically display on Internet in near real time





Inland Commercial Fishery DFO E-Log

For the future...

- Maintain current E-log projects
- Expand new E-log projects
- Utilize outcomes and feedback from pilot groups to assist in further planning and development



Sunset of PICFI Initiative – March 2012

- Exit Strategy - continuation of support for demonstration fisheries and completion of business / training plan submissions for approval by Aboriginal External Review Team
- Establish legal entity as a viable operational business to succeed into the future
- Provide appropriate and adequate allocations to CFE's when stocks permit commercial harvest
- Provide support for vessel and gear acquisitions suitable to the Commercial Fishing Enterprise



Post PICFI

- PICFI extension discussion paper provided by First Nation Fisheries Council (FNFC) and Economic Access Working Group (EAWG)
- Department to provide options which may include feedback provided from FNFC / EAWG
- Need to prepare post PICFI plan with no additional resources with possible clarification on renewal by end of year - 2011



Questions ???

