

Food, Social & Ceremonial (FSC) Data Reporting System



A Co-management
Project Between
First Nations & DFO

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A'Tlegay FSC Data Reporting System

- Background
- System Development
- Benefits
- Next Steps
- Demo
- Questions

A'Tlegay FSC Data Reporting System

- Background

- A'Tlegay Fisheries Society members

- Tlowitsis Tribe – Turnour Island
 - Wei Wai Kum First Nation - Campbell River
 - We Wai Kai First Nation – Cape Mudge
 - Komox First Nation – Comox
 - Kwiakah First Nation – Phillips Arm



A'Tlegay FSC Data Reporting System

- Background

- Difficult for A'Tlegay Fisheries Society to provide in-season information to Member Bands.
 - No timely in-season information.
 - Affected management of A'Tlegay FSC fisheries.
 - Unable to determine if catch targets were met.
 - Difficult to track permits that were being issued.
 - Difficult to track the distribution of communal catch.

A'Tlegay FSC Data Reporting System

- Background

- Difficult to provide post-season information to DFO
 - Aboriginal Fishery Strategy (AFS) Communal Licence requires annual reporting of catch and effort to DFO.
 - This requirement was being met, however the data had to be compiled manually, taking a substantial amount of time.
 - No near real time in-season information was available from A'Tlegay and could only be provided post season.

A'Tlegay FSC Data Reporting System

- System Development
 - Phase I (2000-2002)
 - Handheld computers → Satellite → DFO
 - Phase II (2003)
 - MS-Access database (internal reports) → Internet → DFO
 - Phase III (2005 - present)
 - Deployment to other coastal First Nations fisheries organizations
 - Phase IV (2008 - 2009)
 - FSWP/FBC Project – Deployment to Fraser First Nations

Fraser Salmon & Watersheds Program



Fraser Basin Council



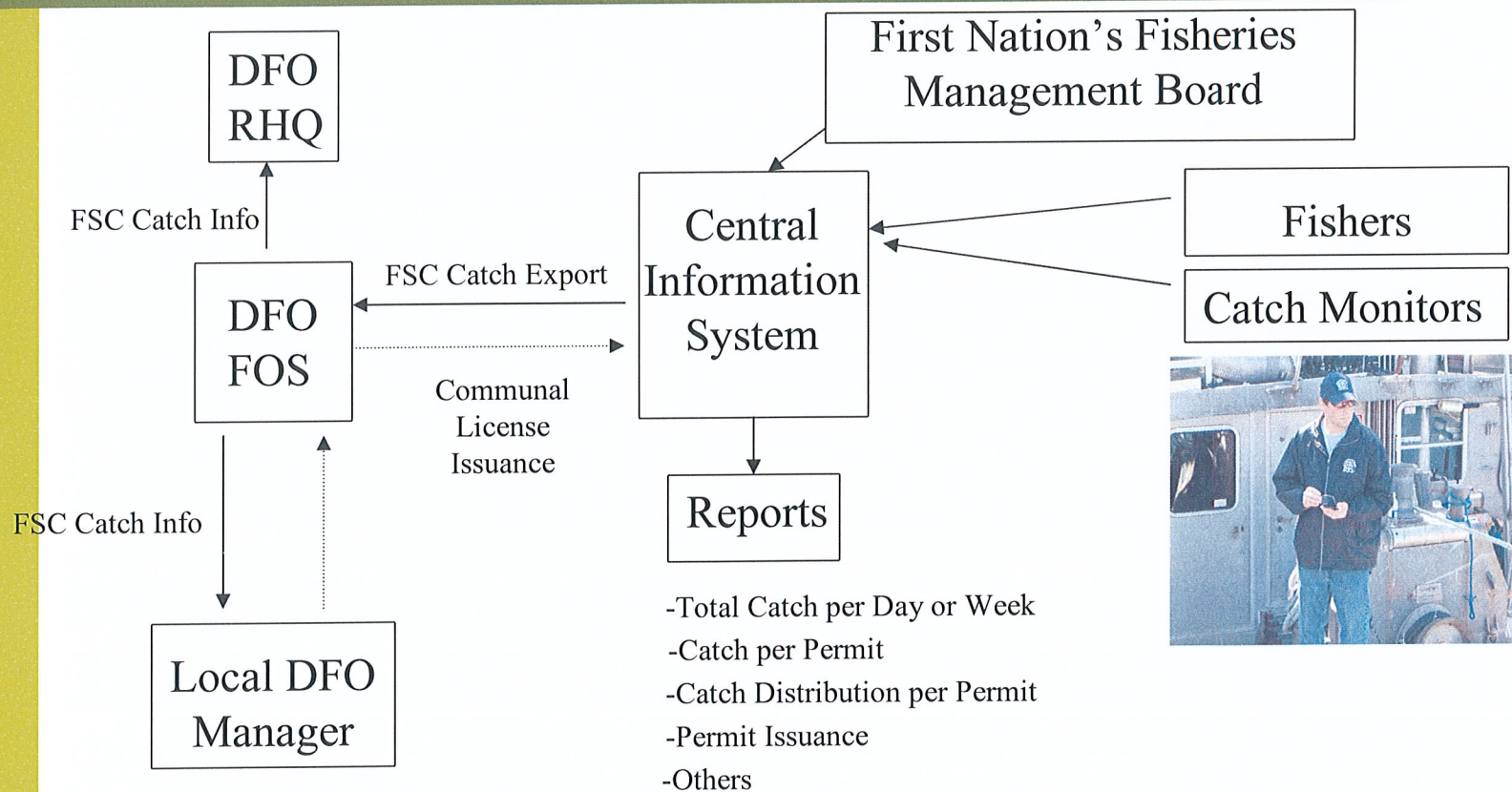
A'Tlegay FSC Data Reporting System

Database Mgmt system overview:

- ✓ Issue Permits
(or Designation Cards)
- ✓ Record Catch
- ✓ Summarize Data
- ✓ Generate Reports
- ✓ Export Data



A'Tlegay FSC Data Reporting System



A'Tlegay FSC Data Reporting System

- Benefits

- First Nations

- Elevate management role of First Nations in keeping with rights, interests and responsibilities regarding fisheries for First Nations (see Our Place at the Table)
 - Reporting system provides timely FSC catch information to the First Nations
 - Allows First Nations to electronically track their own fishers catch and deliveries.

- DFO

- Timely raw FSC catch data uploaded in a standard format.
 - The working relationship between A'Tlegay and local DFO staff has been strengthened considerably.

A'Tlegay FSC Data Reporting System

- System requirements
 - Hardware
 - Software
 - Hi-speed Internet connection
- Personnel requirements
 - Fisheries Database Administrator (DBA)
 - Computer-savvy
 - data, databases, spreadsheets, email
- Budget
 - A'Tlegay Fisheries Society (through FSWP/Living Rivers) provides:
 - Database (software)
 - Start-up Tasks: installation, training, technical support
 - FN Fisheries Office provides:
 - Personnel (DBA)
 - Long-term database maintenance and customization

A'Tlegay FSC Data Reporting System

Current Users – Coastal First Nations

- A'Tlegay Fisheries Society
- Nam'gis (Alert Bay)
- Tseshah (Port Alberni)
- Hupacasath (Port Alberni)
- Nanoose (Georgia Strait)
- Halalt
- Lyackson
- Penelakut (Thetis Island)
- Malahat
- Pacheedaht (Port Renfrew)
- Ahousah (Flores Island)
- Muchalah (Gold River)
- Hesquiaht (Hotsprings)
- Sechelt – (Sunshine Coast)
- Sliammon – (Powell River)
- Heiltsuk (Waglisla, Bella Bella)
- Tahltan / Iskut (Stikine River)

A'Tlegay FSC Data Reporting System

2008/2009 Delivery – Coastal First Nations

- Wuikinuxw (Rivers Inlet)
- Kitasoo (Swindle Island)
- Nuxalk (Bella Coola)

A'Tlegay FSC Data Reporting System

Current Users – **Fraser First Nations**

- Northern Shuswap Tribal Council (2008)
- Tsawwassen Nation

A'Tlegay FSC Data Reporting System

- **Next Steps**

- **Hardware / Software System Upgrades**
 - Creel type data module for estimated catch data
- **Fraser Salmon Watershed Program Proposal 2009**
 - Network with Fraser First Nations fisheries organizations

A'Tlegay FSC Data Reporting System

- Summary
 - Co-operative approach to First Nations Catch Monitoring.
 - Improved management of FSC Fisheries by First Nations.
 - Improved working relationship between First Nations and DFO staff.

A'Tlegay FSC Data Reporting System

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