

## Data Management Advisor Activity Summary

**As the Data Management Advisor I have provided Technical Support for Various Organizations, TNG, The Northern Shuswap Tribal Council Society, Esketemc First Nation, and as a new addition Nazko Band. This is a summary of technical support provided and any issues that arose this season.**

### **Tsihlqot'in National Government (TNG)**

TNG has used the FSC database for approximately 2 years previous. TNG had been running the 4.0 FSC Database version previous to the installation of the FSC Database 5.0 and 5.1 version. Data collected was exported to DFO on a weekly basis.

TNG was the first organization to be using the FSC Database this season after they appointed a person to be doing data entry for the season the data entry and exports started immediately. During the beginning of the season (July 2011) technical support was needed so various on site visits were made averaging approximately 6 hours a week in office not including contact made by email and telephone.

The Data Manager for TNG had attended the Computer Training workshop hosted by the UFFCA in Williams Lake as well as had one on one training exploring the FSC Database. During training we had extensively covered several aspects of the FSC database from setting up a licence to making applicable changes to suit TNG's reporting needs. The FSC Database is currently being used for the sole purpose of recording data and exporting to DFO.

During the season minor glitches within the database had occurred, such as:

- Inability to expand estimated end of fishing times past midnight if the interview date is before midnight
- Exports to DFO tallying caught and released Sockeye to released Sturgeon
- Weekly exports randomly changing from TNG to Okanogan Alliance
- Inability to locate the back end database to properly link to the new version

Overall the FSC Database was fully functional the entire season and exports received by DFO were exceptional.

### **Northern Shuswap Tribal Council Society (NSTC)**

The NSTC has been using the database for approximately 3 year, having first beta tested approximately 5 years ago. The last version that had been used was the 4.4 prior to the installation of the 5.0 and 5.1 version this season. All data collected was exported to DFO on a weekly basis.

The data managers for the NSTC had attended the Computer Training Workshop hosted by the UFFCA that took place in Williams Lake July 20-22 2011 as well one on one training to cover any new additions

to the FSC Database as well as review any past data entry or exporting problems. Pre season training consisted of 2 sessions weekly for 2-3 hours at a time from mid July to the End of August. In season (end of August to mid September) data entry and exporting arose minor inquiries from both the NSTC and DFO's side of things, troubleshooting these issues was, time dedicated to these issues varied from a minimum of 30 minutes to extensive day to day interactions between myself, the NSTC and Howard Stiff, when that was the case approximate time would be minimal 6 hours over a course of 3 days.

The FSC Database had a few minor problems that were addressed this season that consisted of:

- Exports to DFO tallying caught and released Sockeye to released Sturgeon
- Weekly exports randomly changing from the NSTC to Okanogan Alliance
- Annual summary totals of species caught and released did not match between reports

The FSC Database is the central operation in the NSTC Fisheries Department for issuing permits, designation cards and creating in season and post season reports and summaries. The FSC database was fully functional and used to the fullest extent.

The NSTC would like to explore the possibility of using Tablets on site to record data and have it export to a central computer in office daily or as each shift ends. This idea was proposed this season but due to the in season rush we did not have sufficient time to properly administer and execute this plan adequately.

### **Esketemc First Nation**

The Esketemc Band FSC Database installation was late in the season due to the absence of a Fisheries Resource manager. In late August I was able to meet with the new Fisheries Resource Manager and update the FSC database version from a 3.0 to the 5.1. Weekly meetings had been established for training and installation averaging 4 hours a week not including conference by email and phone. Esketemc First Nation is faxing in data sheets to DFO on a weekly basis.

Once contact was made with the Resource manager, meetings with the Esketemc First Nation commenced and I reviewed the current FSC Database (3.0) they were using. At this time there were numerous factors that had deterred the functionality of the FSC database and exports to DFO:

- Inadequate equipment (fisheries lap top wouldn't function properly)
- Microsoft Outlook wasn't functioning properly to export or email
- The data manager/catch monitor was at the end of his job term and was uncertain if his replacement
- Awaiting new fisheries lap top

After the new Data Manager was appointed and the new fisheries lap top had arrived the new version of the FSC Database 5.0 and one on one training commenced. We covered areas in the database such as

set up, data entry, permits, designation cards, and exporting data to DFO. However, we had encountered numerous problems:

- Transferring the back end database from the old laptop to the new one was a task, the old laptop would not detect my jump drive
- Once the database was transferred to the new laptop I was unable to link it to the new one
- Hard Copies of data from this season had been misplaced as well as copy of license
- The export option was unsuccessful, exporting would go as far as 30% and freeze

At this time Esketemc First Nation continues to fax in datasheets to DFO. We are currently addressing the problems to date. In the meantime I will continue to work within their database and inform them of any UFFCA Computer Training Workshops to build capacity within their fisheries department.

### **Nazko Band**

Contact was made late in the season with Nazko Band, however we were able to meet and install the FSC Database. I have met with Nazko band once for installation and training, overall 5 hours in total including travel to Quesnel. I am currently in the midst of arranging a follow up meeting.

Nazko Band has never used the FSC Database and was very impressed to see what the database had to offer. Nazko will now be running the FSC Database and begin exporting data to DFO. As this is their first FSC Database further training is needed as we go into the post season.

**TNG and the NSTC have improved dramatically towards the end of season, technical support wasn't in as high of demand and exports received by DFO were exceptional. As for Esketemc First Nation and Nazko Band I believe more training would be an asset during the post season to focus on training and rectify some technical problems.**

**I will be attending the UFFCA General Meeting in Quesnel September 30<sup>th</sup> 2011 and the Visions Conference in Quesnel on October 5, 6, and 7 2011 to give a update of how the season went. Over all it was a great season to date and I am very optimistic about the future of this project.**