

**TECHNICAL ADVISORY COMMITTEE CONFERENCE CALL MINUTES
AUGUST 22, 2005**

Present: Ivan Winther
Doug McCorquodale
David Stevenson
Miranda deVisser
Sandy MacLaurin
Karl Wilson
Bruce Burrows
Jen Fagan

Start meeting 1000

The purpose of this conference call was to further discuss the details of the Northern Boundary Fund applications.

Wannock Chinook Mark-Recapture Program:

It was agreed that the Wannock Chinook Mark-Recapture Program should be deferred at this time. Several problems are associated with this program, including: identifying a suitable proponent to collect and analyze the data, recovering enough marks to obtain an accurate population estimate, and eliminating the sex and age biases that were present in previous programs.

Long Lake Chinook Habitat:

Some money has been allocated through the AFS program to conduct similar data collection in Long Lake as last year. Recovery of the chinook stock via habitat restoration has not been seriously discussed; however, there are thoughts of clearing a test area to determine if an increase in utilization occurs. Currently, major habitat manipulation may not be useful until more information on the stock is obtained.

Sockeye Proposals:

Action Item # 1: Sandy will revise the cost of the fence in the proposal, and will follow up with David Peacock on the in-kind contributions mentioned in the previous conference call.

Radiotelemetry Study:

The target tag number for this program is 250. This number was deemed sufficient. Ivan has a few receivers, which may be used in-kind.

Juvenile Sockeye and Echo-Sounding:

Action Item # 2: David will review these proposals and send out to the group for comment.

The Echo-Sounding Program will be coupled with the telemetry study. This program will act as an abundance indicator, and reliability will depend on whether or not it is repetitive.

The merits of test fishing were discussed. It can be a good in-season abundance indicator; however, variation in catchability and habitat conditions can reduce the accuracy of the results.

The four sockeye proposals to be submitted are as follows:

- Juvenile Sockeye Abundance Program
- In-Season Abundance Estimator Echo Sounding Program
- Enhancement Evaluation Program
- Radiotelemetry Mark-Recapture Program