

DRAFT
Meeting Minutes
DEFT-Noname Coordination Team (DNCT)
August 26, 1998
1:00pm to 5:00pm

Participants

Mike Fris, Jim White, BJ Miller, Dave Fullerton, Art Hinojosa, Dave Briggs, Ed Winkler, George Barns, Peter Louie, Gary Bobker, Greg Gartrell, Jim Snow, Grace Chan

Name of Team

Team will be called DEFT-Noname Coordination Team. First task is to evaluate nontraditional approaches to operations that would provide the flexibility to enhance the environment and water supply on a near- and long-term basis.

Forecasting fish densities and pumping

Peter Louie discussed his work on using density function curves developed for Tracy and Skinner to enhance water supply and reduce mortality at pumps. Developed curves from historical records for smelt, salmon, an splittail and in process to expand to striped bass and Stealhead. Using triggers such as the slope, level, and duration of the density curve for a particular species, may be able to forecast pumping rates on a real time bases that would reduce mortality and enhance water supply. The basic principle is "if the fish show up at the pumps do something." The DNCT decided to evaluate if this should be a tool that we should pursue. The following subgroup will work with Peter Louie to for this evaluation:

- Mike Fris
- Jim White
- Dave Fullerton
- George Barns/Gary Bardini
- Gary Bobker/Elise Holland

Ron will look into providing some statistical and modeling help to the subgroup.

Environmental Water Account

The team suggested that there are four components needed for real time flexible operations:

1. Base line of operation
2. Operational rules that provide flexibility around the base line operation.
3. An environmental water account that could be used to bank credits.
4. Good moniting system

Dave Fullerton and Jim Snow will develop the mechanics we need to go through to make environmental storage work.

