

# **Franks Tract, Through Delta Facility and Delta Cross Channel Re-operation**

## **Status Update**

**Department of Water Resources**

**June 6, 2007**

# Franks Tract Project

DWR is proceeding ahead with a Pilot Project

- Initiate an EIR/EIS (July 2007)
- Converged to two alternatives:
  - Three Mile Slough
  - West False River
- Particle Tracking Modeling
- Develop Gate Operations

# Model Study Results @ SWP

## Three Mile Slough

16 Year Run (1976-1991)

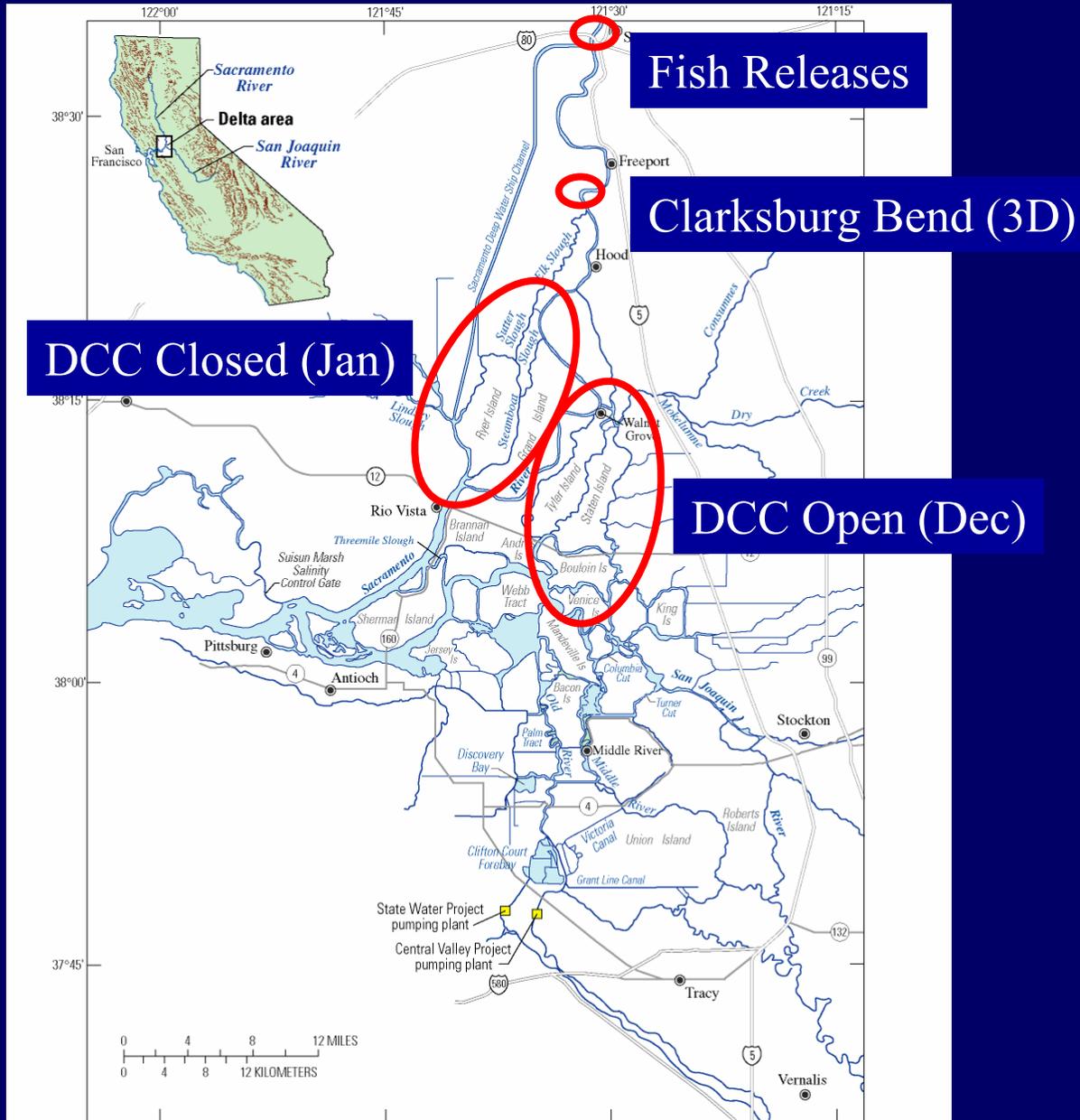
WY Type	No. of WY	Maximum Single Month EC Reduction	Average EC Reduction (only when operated)	Average EC Reduction (all months)
Critical	5	42%	11 %	8 %
Dry	4	32 %	12 %	10 %
BN	1	23 %	11 %	6 %
AN	2	17 %	10 %	4 %
Wet	4	20 %	12 %	4 %

Delta Cross Channel Re-operation,  
Through Delta Facility and Franks Tract

Salmon, Out-migration Studies

- Pilot Study at Clarksburg Bend  
(Dec 06 – Jan 07)
- Regional Hydrodynamic and Fish Study  
(Dec 07 – Jan 08)

# Pilot Study @ Clarksburg



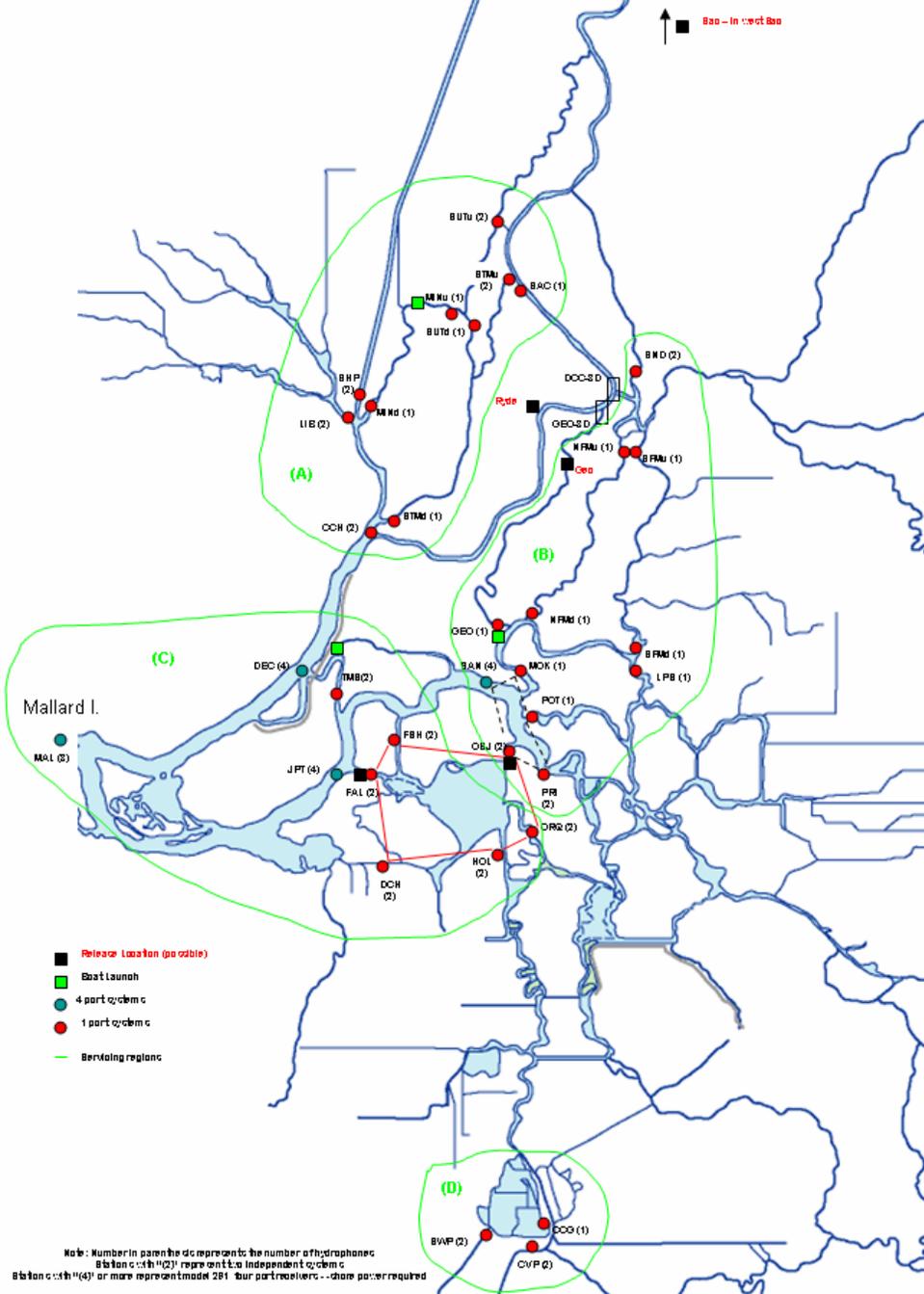
Location of flow station sites in the Delta Area of California.

# Regional Fish Study

## DCC Gate Operations

1. Gates Closed
2. Gates Open
3. Closed at night, Open during day
4. 1/2 open

1250 fish per release



# Questions

Ajay Goyal  
Bay Delta Office  
916-651-9823

# Purpose of the Regional Fish Study

- Determine predation rate in most north Delta channels.
- Develop operations of DCC gates
- Develop TDF alternatives
- Understand behavior of Salmon outmigrants in Franks Tract region including Three Mile Slough
- Understand how Sacramento River discharge and DCC gate operation affect Salmon survival in Delta.
- Data important to development/operation of Peripheral Canal (flow ↓, predation ↑).