

# South Delta Concept Proposal

## Origins

- February 21 USBR/USGS meeting; 2001-2002 EWA Review
- March 18 South Delta tour
- Skull sessions during summer of '03
- Briefing for Kirk Rodgers, August '03

# South Delta Concept Proposal

## Umbrella Objectives

- Understand *in detail* the hydrodynamics of the Central and South Delta regions
- Understand the transport of fishes through the Central and South Delta and into the export facilities

## Management Applications

- Reduce entrainment of fishes
- Support water operations planning

# Short Presentations

Jon Burau\*, Cathy Ruhl, Mike Horn: Near field/mid-field hydrodynamics and flows/CCF Gate investigation

Mike Horn\*, Aaron Blake: Hydroacoustics

Pete Smith\*, Mike Chotkowski, Henry Wong, John Donovan: Zone of influence/far-field modelling study

Lenny Grimaldo\*, Ted Sommer, Larry Brown: Companion South Delta fish investigation

## Affiliations:

Blake, Brown, Burau, Donovan, Ruhl, Smith - USGS

Chotkowski, Horn, Wong - USBR

Grimaldo, Sommer - CDWR

# South Delta Concept Proposal

## 2004 Estimated Budgets

Near-/mid-field hydrodynamics 150k

Flow monitoring 427k

Hydroacoustics 80k

Zone of influence modeling study 280k

Already committed (IEP): 150k

Companion fish investigation 100k

Already committed (CALFED, DWR): 316k

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Total needed if all parts funded: 1037k

# South Delta Concept Proposal

## Requests

1. Rapid go/no-go decision for 2004 (funding contingent upon proposal review)
2. Participation of agency engineers, fish facilities investigators, and **regulatory agency reps** in development of proposals

## Recommendation

3. Studies to be made add-ons to the IEP