

June 3, 2010

Draft Handout - In progress

In progress draft dated June 2, 2010.

BDCP Species - Specific Goals and Objectives for Longfin Smelt - Distribution	
Global Goal: Longfin smelt will be considered restored when its distribution pattern within the estuary are similar to those that existed in the 1967-1984 period.	
Global Objective: Distribution Criteria: (1) longfin smelt must be captured in all zones 5 of 10 years, (2) in two zones for an additional year, and (3) at least one zone for 3 of the 4 remaining years, with no failure to meet site criteria in consecutive years.	
BDCP Species Goal	Contribute to Global Objective of restored spatial distribution of the longfin smelt population in the Delta and Suisun Bay.
BDCP Objectives	Within 20 years of permit issuance, the following distributional criteria are to be met: (1) longfin smelt must be present in all zones 5 of 10 years; (2) in 2 zones for an additional year; and (3) at least one zone for 3 of the 4 remaining years, with no failure to meet site criteria in consecutive years (In revision)
Stressors/Limiting Factors	Stressor #1. Degraded water quality (turbidity) in western and southern Delta. Stressor #2. Entrainment
Sub-objectives - Address the Stressor.	Sub-objective #1. Maintain hydrodynamic and flow conditions for adult spawning, and larval and juvenile transport, in normal, AN, and wet year types, and improve these conditions by __ for BN, dry and CD water years, on 5 water year running average basis, normalized by water year type. Sub-objective #2. Reduce entrainment loss of Longfin smelt spawning adults by __% from December to March, larvae by __% between February and May, and juveniles by __% between May and June during critical, dry and BN water year types, within 20 years of permit issuance, normalized by water year types.
Conservation Measures	CM1. North Delta Diversion with Hood Bypass criteria and other measures;
Expected Outcome	(In development)