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KLAMATH CHINOOK SOUTH OF THE KMZ

GOOD JUDGMENT, COMMON SENSE, AND THE TICEHURST PLAN

Presentation to the Pacific Fisheries Management Council

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KLAMATH CHINOOK NEED HABITAT MANAGEMENT

- IN-STREAM CONDITIONS ARE SOLELY RESPONSIBLE FOR THE DECLINE
- REBUILDING POPULATION THROUGH BROAD OCEAN HARVEST BAN IS SCIENTIFICALLY FUTILE
- HARVEST SOUTH OF THE KMZ IS NEGLIGIBLE, MAKING NEW RESTRICTIONS UNNECESSARY



SOUTH OF THE KMZ OCEAN HARVEST = 2.1%

- TROLL AND SPORT OCEAN HARVEST (2005)
 - **5,249** (AGES 3 AND 4) *Preseason Report I, 2006*
- OCEAN ABUNDANCE (2005 POSTSEASON)
 - **244,284** (AGES 3 AND 4) *Id.*
- $5,249 / 244,284 = 2.1\%$

SOUTH OF THE KMZ 2006 OCEAN HARVEST < 2.1%

	2005	2006
Klamath Fall Chinook	251.7K	110.0k
Central Valley Chinook	843.3K	632.5K
Ratio (C.V./Klamath)	3.35	5.75
Percentage Harvested	2.1%	$(3.35/5.75) \times 2.1 = 1.2\%$ (est)

All source data from Preseason Report I, 2006

FEW NATURAL SPAWNERS AT RISK IN 2006 UNDER 2005 PLAN

Assumption	Harvest Rate of Natural Spawners	Ocean Harvest of Natural Spawners
Harvest (%) Unchanged From 2005	2.1%	627
Harvest (%) Reduced in Proportion to Lower 2006 Ratio of Klamath Chinook	1.2%	350
Scale Only for Decrease in Klamath Ocean Population (44% of 2005 Levels)	---	274 (<1%)

All source data from Preseason Report I, 2006



C.V. CHINOOK FISHERY WORTH >\$230 MILLION

- COMMERCIAL HARVEST CREATES \$100 MILLION IN ECONOMIC ACTIVITY
 - \$34.78 PER FISH BASED ON 2005 LANDINGS
- RECREATIONAL ANGLERS GENERATE \$130 MILLION IN ECONOMIC ACTIVITY
 - \$124.88 PER FISH BASED ON 2005 LANDINGS

Commercial value from March 3, 2006 San Francisco Chronicle.

Recreational value based on 2006 commercial value and commercial/recreational ratio from March 13, 1996 San Francisco Chronicle.



MORE RESTRICTIONS MEAN ENORMOUS ECONOMIC LOSS

Number of Klamath Fall Chinook	Harvest Ratio C.V. (259,325) to Klamath Salmon	Economic Cost Per Klamath Spawner
627	414	\$51,700
350	741	\$92,536
274	946	\$118,136



DO NOT SACRIFICE THE 2006 CENTRAL VALLEY CHINOOK SEASON

- ECONOMIC VALUE IS ENORMOUS
- SOUTH OF KMZ BY-CATCH OF KLAMATH NATURAL AREA SPAWNERS IS NOT MATERIAL TO THE HEALTH OF THAT FISHERY
- ADOPT THE TICEHURST PLAN AND CONTINUE THE 2005 RESTRICTIONS



THE TICEHURST PLAN MINIMIZES OVERALL DAMAGE

- PROVIDES FOR TEMPORARY SUSPENSION OF THE 35,000 NATURAL SPAWNER FLOOR, ABSENT WHICH THE OCEAN HARVEST OF CENTRAL VALLEY CHINOOK SALMON MAY BE NON-EXISTENT
- ALLOWS COMMERCIAL AND RECREATIONAL INDUSTRIES TO CONTINUE IN 2006 UNDER THE 2005 RESTRICTIONS, WHICH WILL RESULT IN THE TAKE OF AS FEW AS 274 NATURAL SPAWNERS *SOUTH OF KMZ*
- REQUIRES FURTHER STUDY IN LIGHT OF LATEST SCIENTIFIC INFORMATION AND CONTINUED DETERIORATION OF RIVER CONDITIONS



DON'T LET THIS HAPPEN

