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%

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Klamath Fall Chinook</td>
<td>251.7K</td>
<td>110.0k</td>
</tr>
<tr>
<td>Central Valley Chinook</td>
<td>843.3K</td>
<td>632.5K</td>
</tr>
<tr>
<td>Ratio (C.V./Klamath)</td>
<td>3.35</td>
<td>5.75</td>
</tr>
<tr>
<td>Percentage Harvested</td>
<td>2.1%</td>
<td>(\frac{3.35}{5.75} \times 2.1) = 1.2% (est)</td>
</tr>
</tbody>
</table>

All source data from Preseason Report I, 2006

FEW NATURAL SPAWNERS AT RISK IN 2006 UNDER 2005 PLAN

<table>
<thead>
<tr>
<th>Assumption</th>
<th>Harvest Rate of Natural Spawners</th>
<th>Ocean Harvest of Natural Spawners</th>
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</thead>
<tbody>
<tr>
<td>Harvest (%) Unchanged From 2005</td>
<td>2.1%</td>
<td>627</td>
</tr>
<tr>
<td>Harvest (%) Reduced in Proportion to Lower 2006 Ratio of Klamath Chinook</td>
<td>1.2%</td>
<td>350</td>
</tr>
<tr>
<td>Scale Only for Decrease in Klamath Ocean Population (44% of 2005 Levels)</td>
<td>---</td>
<td>274 (&lt;1%)</td>
</tr>
</tbody>
</table>

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 2005 commercial value and commercial/recreational ratio from March 13, 1996 San Francisco Chronicle.

MORE RESTRICTIONS MEAN ENORMOUS ECONOMIC LOSS

<table>
<thead>
<tr>
<th>Number of Klamath Fall Chinook</th>
<th>Harvest Ratio C.V. (259,325) to Klamath Salmon</th>
<th>Economic Cost Per Klamath Spawner</th>
</tr>
</thead>
<tbody>
<tr>
<td>627</td>
<td>414</td>
<td>$51,700</td>
</tr>
<tr>
<td>350</td>
<td>741</td>
<td>$92,536</td>
</tr>
<tr>
<td>274</td>
<td>946</td>
<td>$118,136</td>
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</tbody>
</table>
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