



The California Fish and Game Commission (Commission) adopts regulations for the ocean salmon recreational (inside three miles) and the Klamath River System recreational fisheries which are consistent with federal fishery management goals.

Two Tribal entities within the Klamath River System, the Hoopa Valley Tribe and the Yurok Tribe, maintain fishing rights for ceremonial, subsistence and commercial fisheries that are managed consistent with federal fishery management goals. Tribal fishing regulations are promulgated by the Hoopa and Yurok Tribes.

### **Klamath River Fall-Run Chinook**

Klamath River fall-run Chinook salmon (KRFC) harvest allocations and natural spawning escapement goals are established by the PFMC. The KRFC harvest allocation between Tribal and non-Tribal fisheries is based on court decisions and allocation agreements between the various fishery representatives.

The 2010 KRFC in-river recreational fishery allocation recommended by the PFMC is currently unknown. All proposed closures for adult KRFC are designed to ensure sufficient spawning escapement in the Klamath basin and equitably distribute harvest while operating within annual allocations.

### **Klamath River Spring-Run Chinook**

The Klamath River System also supports Klamath River spring-run Chinook salmon (KRSC). Naturally produced KRSC are both temporally and spatially separated from KRFC in most cases. In addition to natural stocks, the California Department of Fish and Game's (Department) Trinity River Hatchery facility produces 1.4 million KRSC salmon annually as mitigation for habitat lost above the Trinity Dam.

### **KRFC Allocation Management**

The 2009 allocation for the Klamath River System recreational harvest was 30,800 adult KRFC. Preseason stock projections of 2010 adult KRFC abundance will not be available from the PFMC until March 2010. The 2010 basin allocation will be recommended by the PFMC in April 2010 and presented to the Commission for adoption prior to its April 21, 2010 teleconference call.

For public notice requirements, the Department recommends the Commission consider an allocation range of 0 – 40,000 adult KRFC in the Klamath River basin for the river recreational fishery. This recommended range encompasses the historical range of the Klamath River basin allocations and allows the PFMC and Commission to make adjustments during the 2010 regulatory cycle.

The Commission may modify the KRFC in-river recreational salmon harvest allocation which is normally 15% of the non-Tribal PFMC harvest allocation. Commission modifications need to meet biological and fishery allocation goals specified in law or established in the PFMC Salmon Fishery Management Plan otherwise harvest opportunities may be reduced in the California ocean fisheries.

The annual KRFC in-river harvest allocation is split into 4 geographic areas with sub-quotas assigned to each. They are as follows;

1. For the main stem Klamath River from 3,500 feet downstream of the Iron Gate Dam to the Highway 96 bridge at Weitchpec 17% of the recreational fishery allocation,
2. for the main stem Klamath River from downstream of the Highway 96 bridge at Weitchpec to the mouth 50% of the recreational fishery allocation,
3. for the Trinity River downstream of the Old Lewiston Bridge to the Highway 299 west bridge at Cedar Flat 16.5% of the recreational fishery allocation, and
4. for the Trinity River downstream from the Denny Road bridge at Hawkins Bar to the confluence with the Klamath River 16.5% of the recreational fishery allocation.

The Spit Area (within 100 yards of the channel through the sand spit formed at the Klamath River mouth), closes to all fishing after 15% of the lower Klamath River sub-quota (area number 2 above) has been taken downstream of the Highway 101 bridge. This provision only applies if the Department projects that the total Klamath River System recreational fishery allocation will be met. This closure is intended to prevent excessive take near the mouth where fish are concentrated and will help to provide an equitable distribution of KRFC harvest in the upper river.

These geographic areas are based upon historical angler effort distribution and ensure equitable harvest of adult KRFC in the upper Klamath River and Trinity River. The sub-quota system requires the Department to monitor angler harvest of adult KRFC in each geographic area. All areas will be monitored on a real time basis except for the following:

Klamath River upstream of Weitchpec and the Trinity River: Due to funding and personnel reductions, the Department will be unable to deploy adequate personnel to conduct harvest monitoring in the Klamath River upstream of Weitchpec and in the Trinity River for the 2010 season. The Department has reviewed salmon harvest and run-timing data for these areas. Based on this review, the Department has developed a Harvest Predictor Model (HPM) which incorporates historic creel survey data from the Klamath River downstream of Iron Gate Dam to the confluence with the Pacific Ocean and the Trinity River downstream of Lewiston Dam to

the confluence with the Klamath River. The HPM is driven by the positive relationship between KRFC harvested in the Klamath River and Trinity River. The HPM will be used by the Department to implement fishing closures to ensure that anglers do not exceed established sub-quota targets.

### **Current Recreational Fishery Management**

The KRFC in-river recreational harvest allocation is divided into geographic areas and harvest is monitored under real time sub-quota management.

Presently, KRSC stocks are not managed or allocated by the PFMC. The in-river recreational fishery is managed by general basin seasons, daily bag and possession limit regulations. KRSC harvest will be monitored on the lower Klamath River in 2010 and ensuing years by a creel survey.

The Department presently differentiates the two stocks by following dates:

#### **Klamath River**

1. January 1 through August 14 - General Season KRSC. Text is proposed to be added to subsection (91.1)(C)2. to clarify that the Chinook salmon possession limits apply to that section of the Klamath River downstream of the Highway 96 bridge at Weitchpec.
2. August 15 to December 31 - KRFC quota management.

#### **Trinity River**

1. January 1 through August 31 – General Season KRSC. Text is proposed to be added to subsection (91.1)(C)2. to clarify that the Chinook salmon possession limits apply to that section of the Trinity River downstream of the Old Lewiston Bridge to the confluence with the South Fork Trinity River.
2. September 1 through December 31 – KRFC quota management.

The daily bag and possession limits apply to both stocks within the same sub-area and time period.

### **Proposed Changes**

The Department is proposing the following changes to current regulations:

#### **KRFC Season, Bag Limit, and Possession Limit**

For public notice requirements, a range of KRFC bag and possession limits are proposed until the 2010 basin quota is adopted. As in previous years, no retention of adult KRFC salmon is proposed for the following areas, once the sub quota has been met.

No changes are proposed for the general (KRSC) opening and closing season dates.

The proposed open seasons and range of bag limits for KRFC salmon stocks are as follows:

1. Klamath River - August 15 to December 31
2. Trinity River - September 1 to December 31
3. Bag Limit - [0-4] Chinook salmon - only [0-3] fish over 22 inches total length until sub quota is met, then 0 fish over 22 inches total length.

The possession limit is proposed as a range of [0-9] Chinook salmon of which [0-6] over 22 inches total length may be retained when the take of salmon over 22 inches total length is allowed.

Expansion of waters open to angling on the South Fork Trinity River

The Department proposes to open that section of the main stem South Fork Trinity River from downstream of the confluence of the East Fork of the South Fork Trinity River to the Hyampom bridge to angling from November 1 through March 31 annually. In the past the Hyampom bridge was the upstream limit for recreational angling in the basin. This action would provide angling opportunity to approximately 30 miles of the main stem South Fork Trinity River while providing regulatory consistency in current fishery management of the basin.

The proposed fishery is intended to target fall-run and winter-run steelhead utilizing barbless artificial lures with a proposed bag and possession limit of 0 for all species. The timing and duration of this fishery are designed to prevent any adverse impacts on sensitive species that inhabit the basin including; fall-run Chinook salmon, spring-run Chinook salmon and summer steelhead. The fishery would open after all Chinook salmon and summer steelhead have completed their spawning cycle and close before adult spring-run Chinook salmon and summer steelhead enter the system the following season.

- (b) Authority and Reference Sections from Fish and Game Code for Regulation:

Authority: Sections 200, 202, 205, 215, 220, 240, 315 and 316.5, Fish and Game Code.

Reference: Sections 200, 202, 205, 206, 215 and 316.5, Fish and Game Code.

- (c) Specific Technology or Equipment Required by Regulatory Change:

None.

(d) Identification of Reports or Documents Supporting Regulation Change:

None

(e) Public Discussions of Proposed Regulations Prior to Notice Publication:

No public meetings are being held prior to the notice publication. The 45-day comment period provides adequate time for review of the proposed amendments.

IV. Description of Reasonable Alternatives to Regulatory Action:

(a) Alternatives to Regulation Change:

The use of more liberal regulations for bag limits, possession limits and fishing methods. For KRFC salmon more liberal regulations would be less desirable than those proposed because they could create risk of an intense fishery reaching or exceeding the quota in a very short time. Reaching the quota in a very short time could be damaging to the local economy. Exceeding the allowable harvest could be damaging to the KRFC salmon stocks.

(b) No Change Alternative:

The change is necessary to continue appropriate harvest rates and an equitable distribution of the harvestable surplus.

(c) Consideration of Alternatives:

In view of information currently possessed, no reasonable alternative considered would be more effective in carrying out the purposes for which the regulation is proposed or would be effective as and less burdensome to the affected private persons than the proposed regulation.

V. Mitigation Measures Required by Regulatory Action:

The proposed regulatory action will have no negative impact on the environment; therefore, no mitigation measures are needed.

VI. Impact of Regulatory Action:

The potential for significant statewide adverse economic impacts that might result from the proposed regulatory action has been assessed, and the following initial determinations relative to the required statutory categories have been made:

- (a) Significant Statewide Adverse Economic Impact Directly Affecting Businesses, Including the Ability of California Businesses to Compete with Businesses in Other States:

The proposed regulations are projected have an unknown impact on the net revenues to businesses servicing sport fishermen. This is not likely to affect the ability of California businesses to compete with businesses in other states. The preservation of Klamath River salmon stocks is necessary for the success of lower and upper Klamath River Basin businesses which provide goods and services related to fishing. The proposed changes are necessary for the continued preservation of the resource and therefore the prevention of adverse economic impacts.

- (b) Impact on the Creation or Elimination of Jobs Within the State, the Creation of New Businesses or the Elimination of Existing Businesses, or the Expansion of Businesses in California:

None.

- (c) Cost Impacts on a Representative Private Person or Business:

The agency is not aware of any cost impacts that a representative private person or business would necessarily incur in reasonable compliance with the proposed action.

- (d) Costs or Savings to State Agencies or Costs/Savings in Federal Funding to the State:

None.

- (e) Nondiscretionary Costs/Savings to Local Agencies:

None.

- (f) Programs Mandated on Local Agencies or School Districts:

None.

- (g) Costs Imposed on Any Local Agency or School District that is Required to be Reimbursed Under Part 7 (commencing with Section 17500) of Division 4, Government Code :

None.

- (h) Effect on Housing Costs:

None.

## **Informative Digest/Policy Statement Overview**

The Klamath River System, which consists of the Klamath River and Trinity River basins, is managed through a cooperative system of State, Federal, and Tribal management agencies. Salmonid regulations are designed to meet natural and hatchery escapement needs for salmonid stocks, while providing equitable harvest opportunities for ocean recreational, ocean commercial, river recreational and Tribal fisheries.

The Pacific Fishery Management Council (PFMC) is responsible for adopting recommendations for the management of recreational and commercial ocean salmon fisheries in the Exclusive Economic Zone (three to 200 miles offshore) off the coasts of Washington, Oregon, and California. When approved by the Secretary of Commerce, these recommendations are implemented as ocean salmon fishing regulations by the National Marine Fisheries Service (NMFS).

The California Fish and Game Commission (Commission) adopts regulations for the ocean salmon recreational (inside three miles) and the Klamath River System recreational fisheries which are consistent with federal fishery management goals.

Two Tribal entities within the Klamath River System, the Hoopa Valley Tribe and the Yurok Tribe, maintain fishing rights for ceremonial, subsistence and commercial fisheries that are managed consistent with federal fishery management goals. Tribal fishing regulations are promulgated by the Hoopa and Yurok Tribes.

### **Klamath River Fall-Run Chinook**

Klamath River fall-run Chinook salmon (KRFC) harvest allocations and natural spawning escapement goals are established by the PFMC. The KRFC harvest allocation between Tribal and non-Tribal fisheries is based on court decisions and allocation agreements between the various fishery representatives.

The 2010 KRFC in-river recreational fishery allocation recommended by the PFMC is currently unknown. All proposed closures for adult KRFC are designed to ensure sufficient spawning escapement in the Klamath basin and equitably distribute harvest while operating within annual allocations.

### **Klamath River Spring-Run Chinook**

The Klamath River System also supports Klamath River spring-run Chinook salmon (KRSC). Naturally produced KRSC are both temporally and spatially separated from KRFC in most cases. In addition to natural stocks, the California Department of Fish and Game's (Department) Trinity River Hatchery facility produces 1.4 million KRSC salmon annually as mitigation for habitat lost above the Trinity Dam.

### **KRFC Allocation Management**

The 2009 allocation for the Klamath River System recreational harvest was 30,800 adult KRFC. Preseason stock projections of 2010 adult KRFC abundance will not be

available from the PFMC until March 2010. The 2010 basin allocation will be recommended by the PFMC in April 2010 and presented to the Commission for adoption prior to its April 21, 2010 teleconference call.

For public notice requirements, the Department recommends the Commission consider an allocation range of 0 – 40,000 adult KRFC in the Klamath River basin for the river recreational fishery. This recommended range encompasses the historical range of the Klamath River basin allocations and allows the PFMC and Commission to make adjustments during the 2010 regulatory cycle.

The Commission may modify the KRFC in-river recreational salmon harvest allocation which is normally 15% of the non-Tribal PFMC harvest allocation. Commission modifications need to meet biological and fishery allocation goals specified in law or established in the PFMC Salmon Fishery Management Plan otherwise harvest opportunities may be reduced in the California ocean fisheries.

The annual KRFC in-river harvest allocation is split into 4 geographic areas with sub-quotas assigned to each. They are as follows;

1. For the main stem Klamath River from 3,500 feet downstream of the Iron Gate Dam to the Highway 96 bridge at Weitchpec 17% of the recreational fishery allocation,
2. for the main stem Klamath River from downstream of the Highway 96 bridge at Weitchpec to the mouth 50% of the recreational fishery allocation,
3. for the Trinity River downstream of the Old Lewiston Bridge to the Highway 299 west bridge at Cedar Flat 16.5% of the recreational fishery allocation, and
4. for the Trinity River downstream from the Denny Road bridge at Hawkins Bar to the confluence with the Klamath River 16.5% of the recreational fishery allocation.

The Spit Area (within 100 yards of the channel through the sand spit formed at the Klamath River mouth), closes to all fishing after 15% of the lower Klamath River sub-quota (area number 2 above) has been taken downstream of the Highway 101 bridge. This provision only applies if the Department projects that the total Klamath River System recreational fishery allocation will be met. This closure is intended to prevent excessive take near the mouth where fish are concentrated and will help to provide an equitable distribution of KRFC harvest in the upper river.

These geographic areas are based upon historical angler effort distribution and ensure equitable harvest of adult KRFC in the upper Klamath River and Trinity River. The sub-quota system requires the Department to monitor angler harvest of adult KRFC in each geographic area. All areas will be monitored on a real time basis except for the following:

Klamath River upstream of Weitchpec and the Trinity River: Due to funding and personnel reductions, the Department will be unable to deploy adequate personnel to conduct harvest monitoring in the Klamath River upstream of Weitchpec and in the

Trinity River for the 2010 season. The Department has reviewed salmon harvest and run-timing data for these areas. Based on this review, the Department has developed a Harvest Predictor Model (HPM) which incorporates historic creel survey data from the Klamath River downstream of Iron Gate Dam to the confluence with the Pacific Ocean and the Trinity River downstream of Lewiston Dam to the confluence with the Klamath River. The HPM is driven by the positive relationship between KRFC harvested in the Klamath River and Trinity River. The HPM will be used by the Department to implement fishing closures to ensure that anglers do not exceed established sub-quota targets.

### **Current Recreational Fishery Management**

The KRFC in-river recreational harvest allocation is divided into geographic areas and harvest is monitored under real time sub-quota management.

Presently, KRSC stocks are not managed or allocated by the PFMC. The in-river recreational fishery is managed by general basin seasons, daily bag and possession limit regulations. KRSC harvest will be monitored on the lower Klamath River in 2010 and ensuing years by a creel survey.

The Department presently differentiates the two stocks by following dates:

#### **Klamath River**

1. January 1 through August 14 - General Season KRSC. Text is proposed to be added to subsection (91.1)(C)2. to clarify that the Chinook salmon possession limits apply to that section of the Klamath River downstream of the Highway 96 bridge at Weitchpec.
2. August 15 to December 31 - KRFC quota management.

#### **Trinity River**

1. January 1 through August 31 – General Season KRSC. Text is proposed to be added to subsection (91.1)(C)2. to clarify that the Chinook salmon possession limits apply to that section of the Trinity River downstream of the Old Lewiston Bridge to the confluence with the South Fork Trinity River.
2. September 1 through December 31 – KRFC quota management.

The daily bag and possession limits apply to both stocks within the same sub-area and time period.

### **Proposed Changes**

The Department is proposing the following changes to current regulations:

#### **KRFC Season, Bag Limit, and Possession Limit**

For public notice requirements, a range of KRFC bag and possession limits are proposed until the 2010 basin quota is adopted. As in previous years, no retention of adult KRFC salmon is proposed for the following areas, once the sub quota has been met.

No changes are proposed for the general (KRSC) opening and closing season dates.

The proposed open seasons and range of bag limits for KRFC salmon stocks are as follows:

1. Klamath River - August 15 to December 31
2. Trinity River - September 1 to December 31
3. Bag Limit - [0-4] Chinook salmon - only [0-3] fish over 22 inches total length until sub quota is met, then 0 fish over 22 inches total length.

The possession limit is proposed as a range of [0-9] Chinook salmon of which [0-6] over 22 inches total length may be retained when the take of salmon over 22 inches total length is allowed.

#### Expansion of waters open to angling on the South Fork Trinity River

The Department proposes to open that section of the main stem South Fork Trinity River from downstream of the confluence of the East Fork of the South Fork Trinity River to the Hyampom bridge to angling from November 1 through March 31 annually. In the past the Hyampom bridge was the upstream limit for recreational angling in the basin. This action would provide angling opportunity to approximately 30 miles of the main stem South Fork Trinity River while providing regulatory consistency in current fishery management of the basin.

The proposed fishery is intended to target fall-run and winter-run steelhead utilizing barbless artificial lures with a proposed bag and possession limit of 0 for all species. The timing and duration of this fishery are designed to prevent any adverse impacts on sensitive species that inhabit the basin including; fall-run Chinook salmon, spring-run Chinook salmon and summer steelhead. The fishery would open after all Chinook salmon and summer steelhead have completed their spawning cycle and close before adult spring-run Chinook salmon and summer steelhead enter the system the following season.