

Classifying Stocks in the FMP

Alternative 1

Status Quo

all stocks currently in FMP remain

Alternative 2

Minor reorganization + 3 Complexes

Smith River Chinook separated from CA coastal Chinook (ESA listed); Rogue coho out of OCN, into SONCC; CVF, SONC, FNMSS Chinook complexes

Alternative 3

Ecosystem Components + 2 Complexes

Smith River Chinook, Rogue coho same as Alt. 2; Non-ESA FNM Chinook and pink are EC; CVF, SONC Chinook complexes

International Exception

Alternative 1

Status Quo

None Specified

Alternative 2

Non-ESA PST stocks

URB, CR Summers, OR/WA Coastal fall, Canadian Chinook;
WA Coastal, Puget Sound coho;
Puget Sound, Canadian pink

Alternative 3

Non-EC PST stocks

CR Summers, Canadian Chinook;
WA Coastal, Puget Sound coho

Status Determination Criteria for Overfishing and Overfished

Alternative 1

Status Quo - SDC Not explicit in FMP

Overfishing: STT Assessment

Overfished: STT Assessment, Overfishing Concern triggered

Approaching Overfished: 2-years below conservation objective and Conservation Alert triggered

Rebuilt: Spawning escapement > conservation objective or rebuilding plan

Alternatives 2 & 4

Single-year; $MSST = 0.5 * S_{msy} \& 0.75 * S_{msy}$

Overfishing: Exploitation rate > F_{msy}

Overfished: Spawning Escapement < MSST

Approaching Overfished: Projected spawning escapement < MSST

Rebuilt: Spawning Escapement > S_{msy}

Alternatives 3 & 5

3-year Geo Mean; $MSST = 0.5 * S_{msy} \& 0.75 * S_{msy}$

Overfishing: Exploitation rate > F_{msy} (single-year)

Overfished: 3-year GeoMean Spawning Escapement < MSST

Approaching Overfished: 2-year and projected GeoMean spawning escapement < MSST

Rebuilt: 3-year GeoMean spawning Escapement > S_{msy}

OFL, ABC, and ACL Specification

Alternative 1

Status Quo - Not Defined in FMP
None Specified

Alternative 2

Catch-Based (C-Based)

OFL: Fmsy

ABC: $F_{abc} = F_{msy} * 0.95$ (Tier 1 stocks; KRFC) or
 $F_{abc} = F_{msy} * 0.90$ (Tier 2 stocks; SRFC, Hoh)

ACL: $F_{abc} * N$

Alternative 3

Spawning escapement-Based (S-Based)

OFL: Fmsy

ABC: $F_{abc} = F_{msy} * 0.95$ (Tier 1 stocks; KRFC) or
 $F_{abc} = F_{msy} * 0.90$ (Tier 2 stocks; SRFC, Hoh)

ACL: $(1 - F_{abc}) * N$

Accountability Measures

Alternative 1

Status Quo

Target conservation objective except at low abundance

Specify current FMP measures as AM: SAFE Report, Methodology Review, Notice to Managers, OF'ing and EFH Assessments, Conservation Alert action, Inseason authority, etc.

Alternative 2

Modify Overfishing Criteria

Target Conservation Objective except at high (ACL) or low (demin) abundance

Rename OF'ing Concern to Abundance or Depletion Concern

Increase flexibility to implement *de minimis* fisheries under Conservation Alert

Retain notification measures, other current FMP measures

Reevaluate ACL if exceeded more than 1 in 4 years: Uncertainty tiers, ACT, S/R update, etc.

Alternative 3

Replace Overfishing Criteria

Target Conservation Objective except at high (ACL) or low (demin) abundance

AM for SDC would be developed

AM for ACL would include other current FMP measures

Retain other current FMP measures

Reevaluate ACL if exceeded more than 1 in 4 years: Uncertainty tiers, ACT, S/R update, etc.

De minimis Fishing Provisions

Alternative 1

Status Quo

SRFC: 0% SRR below 122K

KRFC: A-15; ~26% SRR b-t 47K and 30K, less below 30K

US v Wash, Hoh v Baldrige: No Change

Alternative 2

No fishing below midpoint of Smsy-MSST

SRFC: 25% SRR b-t 163K and 122K, 0% at 91.5K

KRFC: 25% SRR b-t 54K and 40.7K, 0% at 30.5K

US v Wash, Hoh v Baldrige: No Change

Alternative 3

No fishing below MSST

SRFC: 25% SRR b-t 163K and 81.3K, 0% at 61K

KRFC: 25% SRR b-t 54K and 27.1K, 0% at 20.35K

US v Wash, Hoh v Baldrige: No Change