Salmon FMP Amendment 16: Tentative range of alternatives for public review based on Council staff interpretation of motion 3 and amendments at the September 2010 Council meeting.

**Classifying Stocks in the FMP**

**Alternative 1**
Status Quo
All stocks currently in FMP remain in the fishery.

**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

**Preliminary Preferred Alternative**
Minor reorganization + 2 Complexes and no Ecosystem Components
Smith River Chinook separated from CA coastal Chinook (ESA listed); Rogue coho out of OCN, into SONCC; CVF, SONC Chinook complexes

**International Exceptions**

**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 and Canadian Pink

**Alternative 3**
Non-EC PST stocks
CR Summers, Canadian Chinook;
WA Coastal, Puget Sound coho

**Preliminary Preferred Alternative**
Non-ESA PST stocks - 14 Chinook, 11 coho and 2 pink
URB, CR Summers, OR/WA Coastal fall, Canadian Chinook;
WA Coastal, Puget Sound coho;
Puget Sound, Canadian pink
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 (3 consecutive years < conservation objective)

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

**Rebuilt**: Spawning escapement > conservation objective (single year) or rebuilding plan

**Alternatives 2 & 4**
Single-year; MSST = 0.5*Smsy (Alt 2) & 0.75*Smsy (Alt 4)

**Overfishing**: Exploitation rate >Fmsy

**Overfished**: Spawning Escapement < MSST

**Approaching Overfished**: Projected spawning escapement < MSST

**Rebuilt**: Spawning Escapement > Smsy

**Alternatives 3 & 5**
3-year Geo Mean; MSST = 0.5*Smsy (Alt 3) & 0.75*Smsy (Alt 5)

**Overfishing**: Exploitation rate >Fmsy (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 > Smsy

**NEW Alternatives 6 & 7**
3-year Arithmetic Mean; MSST = 0.5*Smsy (Alt 6) & 0.75*Smsy (Alt 7)

**Overfishing**: Exploitation rate >Fmsy (single-year)

**Overfished**: 3-year arithmetic mean Spawning Escapement < MSST

**Approaching Overfished**: 2-year and projected arithmetic mean spawning escapement < MSST

**Rebuilt**: 3-year arithmetic mean spawning Escapement > Smsy

**Preliminary Preferred Alternative**
Blend of 3-year Arithmetic Mean and single year; MSST = 0.5*Smsy

**Overfishing**: Exploitation rate >Fmsy (single-year)

**Overfished**: 3-year Arithmetic Mean Spawning Escapement < MSST

**Approaching Overfished**: 2-year and projected Arithmetic Mean spawning escapement < MSST

**Rebuilt**: Spawning Escapement > Smsy (single-year)

Analysis of all SDC alternatives includes Smsy assumptions in Table 2-8 and 2-9, plus an assumption of KRFC Smsy = 35,000

Include language defining Cape Falcon as northern limit for impacts counted toward SRFC and KRFC for Overfishing SDC, ACL compliance, and *de minimis* provisions
OFL, ABC, and ACL Specification

**Alternative 1**
Status Quo - Not Defined in FMP
None Specified

**Alternative 2**
Catch-Based (C-Based)
- **OFL**: Fmsy
- **ABC**: Fabc=Fmsy*0.95 (Tier 1 stocks; KRFC) or Fabc=Fmsy*0.90 (Tier 2 stocks; SRFC, Hoh)
- **ACL**: Fabc*N

**Alternative 3 - Preliminary Preferred**
Spawning escapement-Based (S-Based)
- **OFL**: Fmsy
- **ABC**: Fabc=Fmsy*0.95 (Tier 1 stocks; KRFC) or Fabc=Fmsy*0.90 (Tier 2 stocks; SRFC)
- **ACL**: (1-Fabc)*N

Include language defining Cape Falcon as northern limit for impacts counted toward SRFC and KRFC for Overfishing SDC, ACL compliance, and de minimis provisions

**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 - Preliminary Preferred**
Modify Overfishing Criteria
Target Conservation Objective except at high (ACL) or low (demin) abundance
Rename OF'ing Concern to Abundance Alert
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 between 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 between 163K and 122K, 0% at 91.5K  
KRFC: 25% SRR between 54K and 40.7K, 0% at 30.5K  
US v Wash, Hoh v Baldrige: No Change

**Alternative 2b**  
No fishing below midpoint of Smsy-MSST; KRFC Smsy = 35K (add line to Table 2-9)  
SRFC: 25% SRR between 163K and 122K, 0% at 91.5K  
KRFC: 25% SRR between 47K and 35K, 0% at 26.25K  
US v Wash, Hoh v Baldrige: No Change

**Alternative 3**  
No fishing below MSST  
SRFC: 25% SRR between 163K and 76K, 0% at 61K  
KRFC: 25% SRR between 54K and 25.4K, 0% at 20.35K  
US v Wash, Hoh v Baldrige: No Change

**Alternative 3b**  
No fishing below MSST: KRFC Smsy = 35K (add line to Table 2-9)  
SRFC: 25% SRR between 163K and 76K, 0% at 61K  
KRFC: 25% SRR between 47K and 26.25K, 0% at 17.5K  
US v Wash, Hoh v Baldrige: No Change

**Alternative 4**  
KRFC No fishing below 1/2 of MSST  
SRFC: 25% SRR between 163K and 45K, 0% at 30.5K  
KRFC: 25% SRR between 54K and 15K, 0% below 10.2K  
US v Wash, Hoh v Baldrige: No Change

**Preliminary Preferred Alternative**  
No defined structure for reducing F below 25% when below midpoint of Smsy-MSST  
SRFC: 25% SRR between 163K and 91.5K, F < 25% below 91.5K  
KRFC: 25% SRR between 47K and 26.25K, F < 25% below 26.25K  
US v Wash, Hoh v Baldrige: No Change

Include language defining Cape Falcon as northern limit for impacts counted toward SRFC and KRFC for Overfishing SDC, ACL compliance, and *de minimis* provisions