



Fisheries and Oceans
Canada

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Wild Salmon Policy – Work Planning

Operations Committee

May 26, 2011



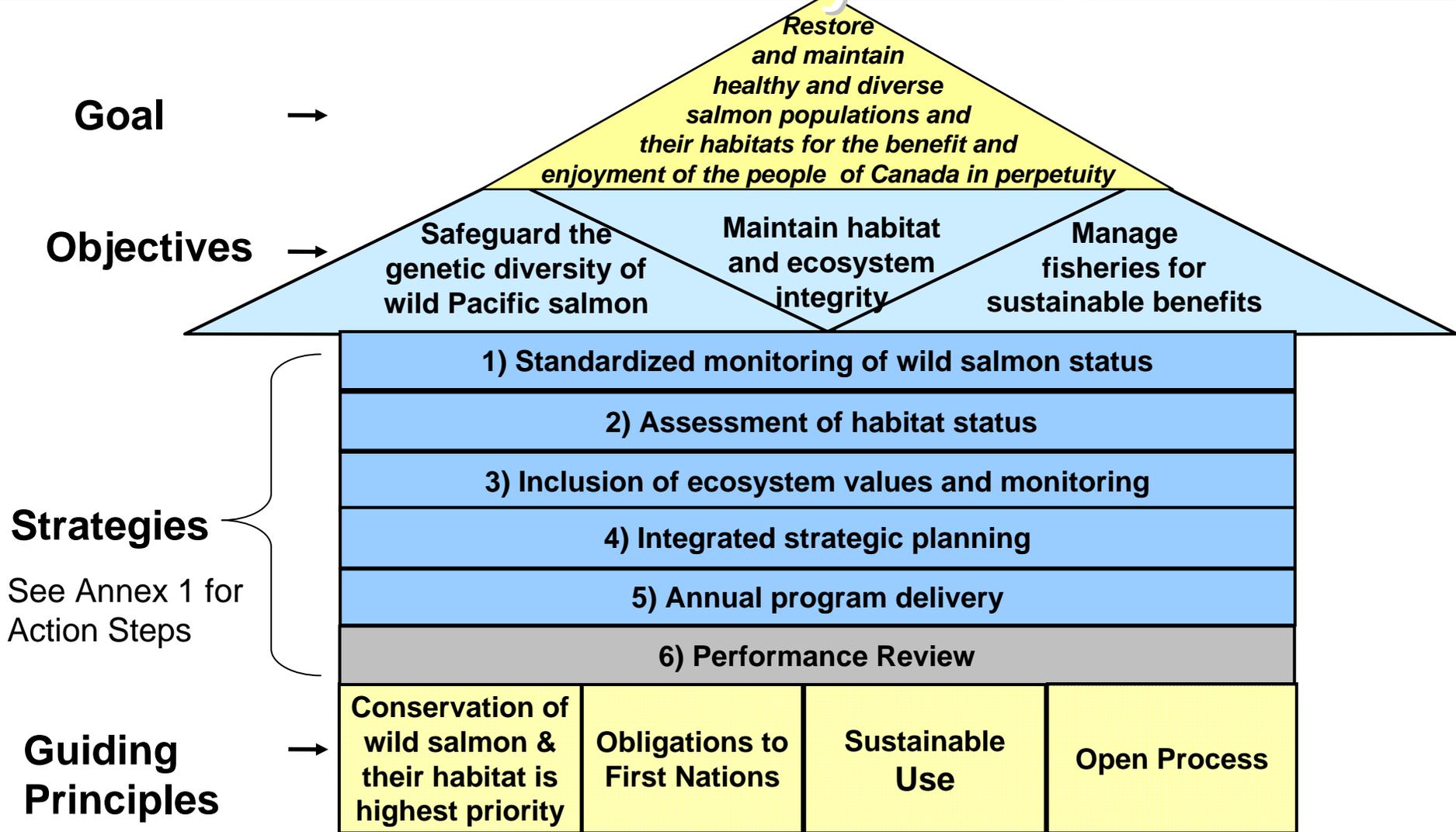


Purpose

- Provide an update on 2010-2011 WSP implementation
- Identify priorities for 2011-2012 WSP implementation
- Approval of implementation approach and WSP 2011-12 Workplan (See attachment A)
- Approval of WSP Implementation Team Terms of Reference (See attachment B)
- Review Barkley Sound Terms of Reference and 2011-12 workplan (See attachment C)

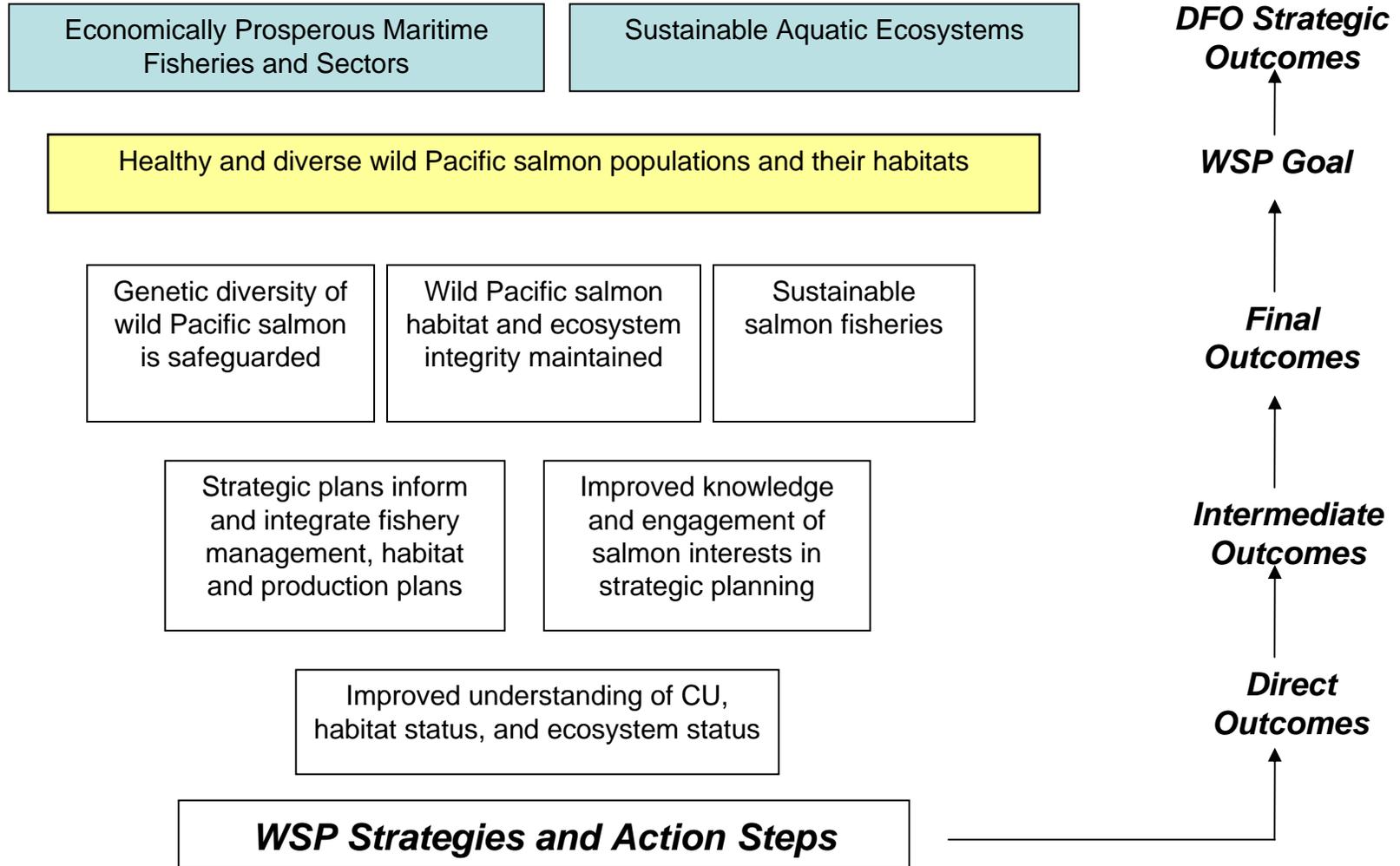


Wild Salmon Policy Overview





WSP Logic Model





Key Progress in 2010-11

Towards improved understanding of CUs, habitat and ecosystems ...

Strategy 1 – Standardized monitoring of wild salmon status

- Identification of benchmarks for Fraser River sockeye, Skeena sockeye and chum, Nass sockeye and chum (CSAP, Nov 2010)
- Preliminary benchmarks identified for Barkley sockeye
- Workshop convened on challenges and opportunities for identifying benchmarks and assessing status (June 2010)

Strategy 2 – Assessment of habitat status

- Completed habitat status reports for three watersheds (Somass, Bedwell, SanJuan)
- Contract work on preliminary habitat health monitoring framework and approach to synoptic identification and assessment of priority CU's or watersheds for more detailed habitat status reports





Key Progress in 2010-11

Towards improved understanding of CUs, habitat and ecosystems ...

Strategy 3 – Inclusion of ecosystem values and monitoring

- Continued development of ecosystem-based management objectives and indicators in Barkley
- Initiated development of multi-scale, multi-factor indicators and limiting factor analysis for Barkley sockeye; integrating freshwater CU and ocean ecosystem units
- Developed instrumentation and methods to assess status of riparian ecosystem indicators such as salmon - carnivore - forest interactions (draft paper developed)
- Integrated salmon information into annual State of the Pacific Ocean report
- Developed Bayesian Belief Network as EBM tool to evaluate climate and hatchery impacts on early marine survival of coho in Georgia St. (manuscript to be finalized)





Key Progress in 2010-11

Towards advancing integrated strategic planning ...

Strategy 4 – Integrated strategic planning

- Internal discussions on scale and approach to integrated strategic planning
 - Lessons learned from pilots and other planning initiatives;
 - Identification of common principles, objectives and guidelines through the Co-Management Framework to inform WSP planning initiatives.
- WSP Planning Initiatives:
 - Barkley Sound - Terms of reference drafted (See attachment C); multi-stakeholder meetings in early 2011 to develop objectives and priorities; initiated benchmarks and completed habitat status reports for Sarita and Somass; linkages with Maa-nulth implementation.
 - Skeena Watershed Initiative – formed an integrated working group and work plan based on WSP (external funding); initiated development of management reference points for Skeena
 - Fraser River Sockeye Spawning Initiative (FRSSI) – drafted benchmarks and indicators for Fraser sockeye (CSAP, Nov 2010)



Key Progress in 2010-11

Towards improved linkages and engagement ...

Strategy 5 – Annual program delivery

- New IFMP template adopted to include aspects of WSP, including socio-economic information, CU assessments, enhancement production targets and strategies
- Terms of reference drafted for WSP Implementation Team on coordination, integration, and governance to facilitate implementation
- Draft gap analysis report to inform independent review and understand WSP's influence on programs and operations
- Strategic engagement through existing advisory processes (i.e. IHPC, SEHAB) and other mechanisms
- Targeted engagement on salmon conservation units for the Yukon (March 2011), benchmarks development for Fraser sockeye, Skeena and Nass sockeye and chum (CSAP, Nov 2010)





Considerations for 2011-12 Workplan

- Strategic approach to align with national strategic outcomes, regional priorities and WSP goals and objectives (logic model)
- Deliverables that can be achieved within existing resources and realistic timelines
- Integration across sectors on key pieces of implementation, such as monitoring frameworks and strategic planning
- Linkages with other programs and initiatives such as PICFI, oceans planning, watershed planning, Sustainable Fisheries Framework, and MSC certification
- Engagement with First Nations, Province of BC, Yukon Territorial Govt, local governments and other partners to support implementation





Priorities for 2011-12

Towards improved understanding of CUs, habitat and ecosystems ...

Strategy 1 – Standardized monitoring of wild salmon status

- Workshop on methods to aggregate information across metrics into overall CU status assessment (June 2011)
- SACC to develop management frameworks for sockeye and chum, which will identify priorities for CU assessments

Strategy 2 – Assessment of habitat status

- Synoptic analyses of habitat pressure for various CUs to assess correlation between habitat pressure and CU conservation status
- Develop conceptual habitat status and health monitoring framework in collaboration with Science and FAM to integrate WSP monitoring frameworks

Strategy 3 – Inclusion of ecosystem values and monitoring

- Complete discussion paper that outlines the approach to developing ecosystem objectives and indicators (CSAP, Fall 2011); development of a full worked example in Barkley Sound





Priorities for 2011-12

Towards advancing integrated strategic planning ...

Strategy 4 – Integrated strategic planning

- CSAP review of synoptic assessment methodology to identify CUs at risk, which will then inform priorities for detailed CU assessments and strategic planning (June 27, 2011)
- FAM/Science to develop list of potential priority CUs for interim planning, for consideration by OPS (Fall / Winter 2011)
- Develop guiding principles to clarify approach towards planning units
- Develop draft guidelines and “toolbox” (e.g. template) for integrated strategic planning
- Develop an approach for inclusion of socio-economic information





S Priorities for 2011-12: Planning Initiatives

Towards advancing integrated strategic planning ...

Skeena Watershed Initiative

- Revise workplan and strategic plan for SWI (aligned with WSP goals / objectives)
- Technical and field work to support implementation of Strategies 1, 2 and 3
- Refine benchmarks paper for Skeena sockeye, Nass and Skeena chum (CSAP, Nov 2010)
- Continue development of management reference points

FRSSI

- Refine benchmarks paper for Fraser sockeye (CSAP, Nov 2010)
- Ongoing refinements to FRSSI model (workshop planned for June 2011)

Southern BC Chinook Management Strategy

- Integration of CU status, habitat and ecosystems information into management framework

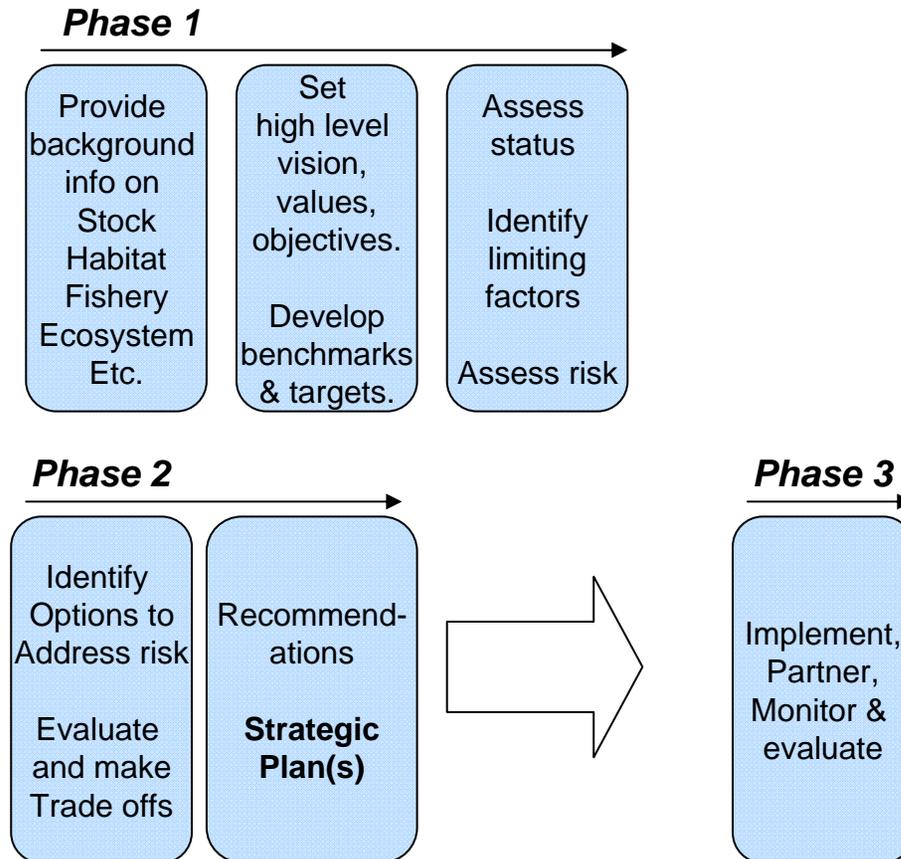




Priorities 2011-12: Planning Initiatives – Barkley Sound

Barkley Terms of Reference: *products and steps...*

(See attachment C)



- DFO has main responsibility in phase 1 to provide background, develop benchmarks, assess status, identify factors limiting production (3H's), conduct risk assessment.

- DFO has responsibility for developing strategic plans for stock, fishery, production, and others within our mandate

- Responsibility for addressing other risk factors / threats is distributed amongst regulatory authorities (i.e. Province, municipal govts).



Priorities 2011-12: Planning Initiatives – Barkley Sound

Draft workplan proposed to build Integrated Strategic Plans

(see Annex 3 for detail)

- Benchmarks paper for Barkley chinook and sockeye expected in Fall/Winter 2011
- Status assessment and development of a monitoring framework
- Continue to develop ecosystem-based management objectives and indicators for Barkley
- Chinook production model developed to enable evaluation of various production scenarios with socio-economic indicators and outputs
- WCA development of coastal zone inventory, status, and plan





Priorities for 2011-12

Towards improved linkages and engagement ...

Strategy 5 – Annual program delivery

Internal governance and linkages

- WSP identified as key priority within integrated regional business planning process
- WSP Team ToR sets out internal coordination and integration to support implementation; strategic oversight and direction to be taken from RMC Operations Committee (see attachment B)
- WSP requires integration across other programs and initiatives internally, as well as externally with partners to advance implementation
- WSP has had an impact on internal processes and decision-making that should be documented as part of the success story

Engagement

- All staff meeting proposed for Fall 2011, followed by multi-sector stakeholder forum to discuss WSP review and next steps for moving forward
- Continue with collaborative engagement via existing First Nations and stakeholder advisory processes
- Develop integrated Communications and Consultations Plans





Strategy 6: Performance Review Update

- Finalize gap analysis report to inform independent review
- RFP process for consultant launched (closes May 26, 2011)
- Review will examine:
 - Progress against Strategies and Action Steps and contribution to WSP goal and objectives
 - Factors and/or challenges that influence success of WSP
 - Recommendations to advance implementation
- Draft report due in early September 2011





Upcoming Issues for Ops Committee

Issue	Sector Lead	Timelines
Synoptic assessment of conservation units	Science	July 2011
Draft report of the independent review	Policy	Sept 2011
Application of ecosystem-based indicators and objectives to Barkley Sound	Science	Late Fall 2011
Proposed approach for inclusion of socio-economic information	Policy	Fall/ Winter 2011
Draft list of priority CUs for interim planning	FAM/ Science	Fall/ Winter 2011
Draft principles for scale of planning units	FAM	Fall/ Winter 2011
Draft guidelines and templates for strategic plans	FAM	Fall/ Winter 2011





Discussion Questions

- Do you agree with the proposed priorities and workplan for WSP implementation? Are there other areas to focus on?
- Do you agree with plans for an all-staff and external forum in the Fall?
- Do you concur with the proposed Terms of Reference for the WSP Implementation Team?
- Do you approve the Barkley Sound Terms of Reference and proposed workplan?





ANNEX 1: WSP Strategies & Action Steps

1. **Standardized monitoring of wild salmon status**
 1. Identify Conservation Units
 2. Develop criteria to assess CUs and identify benchmarks to represent biological status
 3. Monitor and assess status of CUs
2. **Assessment of habitat status**
 1. Document habitat characteristics within CUs
 2. Select indicators and develop benchmarks for habitat assessment
 3. Monitor and assess habitat status
 4. Establish linkages to develop an integrated data system for watershed management
3. **Inclusion of ecosystem values and monitoring**
 1. Identify indicators to monitor status of freshwater ecosystems
 2. Integrate climate and ocean information into annual salmon management processes
4. **Integrated strategic planning**
 1. Implement an interim process for management of priority CUs
 2. Design and implement a fully integrated strategic planning process for salmon conservation
5. **Annual program delivery**
 1. Assess the status of Conservation Units and populations
 2. Plan and conduct annual fisheries
 3. Plan and implement annual habitat management activities
 4. Plan and implement annual enhancement activities
6. **Performance review**
 1. Conduct post-season review of annual work plans
 2. Conduct regular reviews of the success of the WSP





ANNEX 2: Strategy 4 - Barkley Planning Process

- Background discussions and high level objective setting
 - Introduced at 2008 fall dialogue session
 - 2009 Wild Salmon Public Forum hosted by West Coast Aquatic
- Terms of Reference drafted and reviewed internally and within Barkley process July-Nov 2010 (see attachment B)
- 'Kick off' public forum in January 2011
- Sockeye background and scoping, prioritization of issues, and work planning in April 2011 (Barkley Salmon Committee) and May 2011 (Fisheries Round Table).
 - Define issues in existing management and production
 - Preliminary definition of biological benchmarks, harvest strategy, etc.





ANNEX 3: Strategy 4 - Barkley Workplan Update

Strategy 1	<ul style="list-style-type: none">• Priority conservation units were identified with sockeye and chinook priority.• April 27, 2011 agreement to 'fine tune' existing variable harvest rate strategy for sockeye, using new info from preliminary benchmarks, policy, and fishery considerations.• Paper on benchmarks for Barkley chinook and sockeye expected in Fall 2011.• Status assessment and development of a monitoring framework is underway, including listing of factors potentially affecting productivity and capacity of sockeye.
Strategy 2	<ul style="list-style-type: none">• Watershed habitat status assessments completed for Sarita and Somass• Living Rivers support for Somass estuary assessment and planning• Living Rivers and PST support for Somass water assessment and planning• WCA development of coastal zone inventory, status, and plan
Strategy 3	<ul style="list-style-type: none">• Hyatt ecosystem overview and assessment presented April 27, 2011, including examples of interactions across ecosystem 'units' or scales.• Continue to develop ecosystem-based management objectives and indicators for Barkley• WCA marine ecosystem overview associated with coastal planning.
Strategy 4	<ul style="list-style-type: none">• Chinook production model developed to enable evaluation of various production scenarios, currently developing socio-economic indicators and outputs• ToR developed, collaborative integrated planning processes in place with facilitation from PICFI co-management funding