

**YUKON RIVER PANEL  
2010 RESTORATION AND ENHANCEMENT (R&E) FUND PRIORITIES**

The Yukon River Panel has developed priorities for effective use of its Restoration and Enhancement Fund. These are outlined in “Yukon River Panel R&E Fund Budget Priorities Framework 2006” (see <http://yukonriverpanel.com/salmon/wp-content/uploads/2009/03/yrp-re-fund-budget-priorities-framework-20061.pdf>) which identified seven categories of projects required to advance the Panel’s R&E objectives involving Yukon River salmon stocks of Canadian origin. These seven categories include:

<i>Conservation</i>	<i>Restoration</i>	<i>Enhancement</i>	<i>Stewardship</i>	<i>Viable Fisheries</i>
<i>Communications Administration</i>				

These 2010 specific R&E Fund priorities are the current year refinement of these longer term Panel priorities:

1. Stock Escapement Monitoring of the Canadian tributaries
  - Implement stock escapement monitoring projects for selected Canadian tributaries.<sup>1</sup>
2. Stock Identification and In-Season Management
  - Supplement existing genetic stock identification baseline data by obtaining tissue samples from priority tributaries identified by the Panel’s Joint Technical Committee.
  - Undertake in-season mixed stock analyses (genetic stock identification) programs which are beneficial to in-season fisheries management.
3. Determine the quality of stock escapement<sup>2</sup>
  - Refine understanding of the effects of fishing techniques and gear selectivity on the quality of Chinook salmon escapement (e.g. size and sex ratio) and composition of harvest.

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<sup>1</sup> The tributaries to be monitored are being identified in an overall Canadian stock escapement monitoring plan being developed by Department of Fisheries and Oceans (Canada) in consultation with the JTC. This is an evolving document. Those interested in advancing proposals under this priority should do so in consultation with DFO (Whitehorse, STAD) staff.

<sup>2</sup> Projects that involve handling fish may be required to obtain standard ASL data, and where appropriate girth/weight sampling, to continue to build and monitor these stocks; contact DFO (Whitehorse, STAD) or ADF&G (Anchorage) technical staff.

- Collect data on the biological characteristics of Chinook salmon escapements including Age, Sex, Length (ASL) and/or girth and weight information for areas identified by the Panel's JTC.
4. Development of selective fishing techniques and selective fishing gear which will reduce (or avoid) the capture of female Chinook salmon and large Chinook salmon.
    - Some examples of selective fishing gear include traps or fish wheels which allow the live release of Chinook salmon in good physical condition.
  5. Community Education and Stewardship
    - Advance information, education and training, including traditional knowledge, to:
      - a) enable more effective community participation in the management of Yukon River salmon stocks and salmon habitat; and,
      - b) increase salmon users and non-users desire to maintain and protect salmon stocks and habitat.
    - Projects may include:
      - a) youth-oriented education and hands-on projects (youth up to 18 years);
      - b) community education projects;
      - c) community special events and celebrations; and,
      - d) projects that foster cross-boundary community partnerships and relations focused on Yukon River salmon.
  6. Habitat Restoration and Enhancement (Chinook habitat being the priority)
    - Assess and document salmon spawning and rearing habitat to determine and conduct restoration activities;
    - Assess opportunities to extend range or enhance habitat to expand wild salmon stock productivity;.
    - the Panel is particularly interested in funding community-initiated projects.
  7. Stock Restoration
    - Continue to support stock restoration projects that are underway.
  8. JTC Research Priorities
    - Outlined in "US and Canada Yukon River Salmon Joint Technical Committee Strategic Plan," March 2005 ( see [http://yukonriverpanel.com/salmon/wp-content/uploads/2009/03/jtc-plan\\_03\\_2005.pdf](http://yukonriverpanel.com/salmon/wp-content/uploads/2009/03/jtc-plan_03_2005.pdf) )