

## Separation-by-Code Request for Bonneville Dam

Task Leader: Mike Gessel

The National Marine Fisheries Service proposes to use the PIT tag Separation by Code (SbyC) capabilities at McNary Dam to recapture PIT tagged fish we have released into gatewells and the turbine intake (4A) at McNary Dam to evaluate newly designed rotating vertical barrier screens operated at high discharges. Similar to the study conducted in 2004 at McNary Dam.

This study is funded by the U.S. Army Corps of Engineers, Walla Walla District. The research proposal for this study has been reviewed by FPAC through the Anadromous Fish Evaluation Program. A NMFS Section 10 ESA permit has been applied for as have State of Oregon and State of Washington Scientific Collection Permits.

We will provide the PIT Tag Operations Center with the appropriate PIT-tag codes and actions for this study. We will require 100% maximum diversions for all fish that we PIT tag at McNary Dam.

If you have any questions concerning the project please contact Michael Gessel at (509) 547-7518 or via e-mail [Mike.Gessel@noaa.gov](mailto:Mike.Gessel@noaa.gov).



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL MARINE FISHERIES SERVICE

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March 1, 2005



Mr. David Marvin  
PIT Tag Operations Center  
Pacific States Marine Fisheries Commission  
205 SE Spokane St., Suite 100  
Portland, Oregon 97202-6413

Subject: SbyC Request

Dear Mr. Marvin:

The purpose of this letter is to request for Separation-by-Code (SbyC) implementation at various hydroelectric projects on the Snake and Columbia Rivers during spring/summer 2005 to support various studies being conducted by our researchers. Each researcher will provide tag codes and actions to you for their study(ies), see the attached descriptions.

These research studies have been reviewed through the U.S. Army Corps Of Engineers' AFEP process or through the Bonneville Power Administration's process and have been funded by the respective agency. Project leaders are listed for each of the attached studies. The Northwest Fisheries Science Center administrative officer for each study is Mr. Kurt Gores. Appropriate Federal ESA authorization and state scientific collection permits have been requested and we anticipate receipt of the permits prior to the start of research activities.

If you have any questions, please contact the appropriate project leader.

Sincerely,

John W. Ferguson  
Acting Division Director

Enclosures

cc: F/NWC3 - Achord  
F/NWC3 - Gessel  
F/NWC3 - Gilbreath  
F/NWC3 - Gores  
F/NWC3 - Marsh  
F/NWC3 - McIntyre

