

Separation-by-Code Request

Project Leader: Douglas Marsh

Study: Transportation studies

We will be conducting transportation studies requiring separation-by-code at projects downstream from our release points. The projects and our needs are listed below.

We anticipate that the majority, if not all, of the tag codes can be provided to PTOC prior to the beginning of tagging for each study. If unforeseen problems arise, we will work with PTOC to send the tag codes as soon as possible.

Subyearling Chinook salmon transportation and life history studies

If we PIT-tag hatchery and wild subyearling Chinook salmon for transportation in 2005 (the region is still working on this study), we will need separation-by-code at Lower Granite Dam and below. Our needs could begin as early as mid-May and continue through the entire season. We need to divert 100% of the provided tag codes to transportation at Lower Granite, Little Goose, Lower Monumental, and McNary Dams.

Action: At Lower Granite, Little Goose, Lower Monumental, and McNary Dams:
100% to transport

In addition to collection for transportation, we will also want to periodically collect juveniles (at Lower Granite and Bonneville Dams) and adults (Lower Granite Dam adult trap) for scale sampling. For juveniles, we need to collect a maximum of 10 fish per 24 hours (07:00am-07:00am), one day a week over the course of the outmigration. For adults, we need to collect 100% of our tagged fish as they pass through the trap.

Action: Juveniles - At Lower Granite and Bonneville Dams:
10 fish/24 hours (07:00am-07:00am), one day a week for the entire season

Adults - At Lower Granite Dam adult trap:
100% collection

Mid-Columbia hatchery yearling Chinook salmon and steelhead transportation study

At this point in time, McNary Dam collection is scheduled to run one-day-collection/one-day-bypass. This study will make use of the downstream (raceway) separation-by-code system NMFS installed in 2002. We have PIT-tagged steelhead (approx. 436,000) at 4 mid-Columbia River hatcheries during fall 2004. We will need to divert 100% of our tagged fish to transportation at McNary Dam.

Action: At McNary Dam:
100% to transport

Questions regarding these projects should be directed to Douglas Marsh at (206) 860-3235 or via email Doug.Marsh@noaa.gov.



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

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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

