



CAPE COD COMMERCIAL HOOK FISHERMEN'S ASSOCIATION, Inc.  
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## Northeast Consortium Semi- Annual Report

**Project Title:** Haddock Migration in New England Waters: Analysis of Movements between Stocks and Closed Areas

**Contract Number:** PZ07030

**Date:** November 17, 2006

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**Submitted by:**

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Lara Slifka

11/16/06

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Date

**Project Participants:**

<b>Name</b>	<b>Fishing Vessel</b>	<b>Contact Info</b>
Peter Taylor	Sea Hound	33 Taylor Lane, Chatham, MA 02633
Jamie Eldredge	Yellow Bird	21 Gilmartin Rd. W. Cahatam, MA 02669
John Kenneway	Technician	65 West Pond Rd, Chatham, MA 02633
Bruce Kaminski	Never Enough	1138 Old Queen Anne Rd. Chatham, MA 02633
John Shusta	Special J II	7 Foxtail Dr, York, ME 03909
Mike Leary	Lori B	3 Orchard Drive, Hampton Falls, NH 03844

**Accomplishments/ Milestones:**

- An exempted fishing permit (EFP) was required to tag haddock in closed areas. An EFP and EA were submitted and approved on July 11, 2006. The EFP will be in effect until April 30, 2007. The EFP allows tagging to occur in Closed Area I, Closed Area II, Cashes Ledge and the Western Gulf of Maine Closed Area.
- Working with Hunt Howell, professor at the University of New Hampshire, we submitted our Haddock Tagging Protocols for approval by the University of New Hampshire's Institutional Animal Care and Use Committee (IACUC). We were successfully approved, ensuring our tagging protocols are compliant with the Animal Welfare Act.
- 18,000 T-Bar Haddock tags were ordered and received making it possible to continue this years tagging program.
- A strategy was created to help transition from Year 1 to Year 2 tagging contracts.
- Three meetings were held for captains, informing them of future tag deployment locations, trip types (dedicated vs. non-dedicated), financial reimbursement, and tentative scheduling.
- Fishermen's willingness to assist trained technicians with data recording and tagging has increased. This accomplishment proves fishermen have a vested interest in the project.
- Applied for and found to be compliant with OMB Circular A- 133 Audit.
- Four haddock tagging trips have occurred identified by the table below.

<b>Date</b>	<b>Vessel</b>	<b>Location</b>
10/7/2006	Special J	Western Gulf of Maine Closed Area
10/8/2006	Special J	Western Gulf of Maine Closed Area
10/31/2006	Yellow Bird	Georges Bank Open Area
11/7/2006	Lori B	Cashes Ledge Closed Area

*Table 1: Haddock Tagging Trips currently completed during this contract.*

**Unexpected Difficulties/ Project Alterations**

- The addition of the UNH IAUCC approval as part of the contract agreement was an unexpected addition. With help from Troy Hartley and Hunt Howell we were able to successfully gain approval to continue with the same tagging protocols as the year 1 project.

**Tasks for Next 6 Months:**

- 10,778 haddock have been tagged during the year 1 and year 2 programs. Over the next 6 months we will continue tagging within open and closed areas focusing on Closed Area II, Cashes Ledge and Gulf of Maine open area.

General Tagging Area	Proposed # of tags to be deployed over 24 months	Fish currently tagged from Year 1 and Year 2 program	Number of fish expected to be tagged
GB CAI	8,000	4,348	3,652
GB CAII	2,000	76	1,924
GB Open Area	4,000	3,219	781
WGOM Closed Area	4,000	2,994	1,006
GOM Cashes Ledge	1,000	45	955
GOM Open Area	2,000	96	1,904

*Table 2: Number of fish scheduled to be tagged over Year 1 and Year 2 contracts, amount currently tagged and expected number of haddock to be tagged by location.*

- Over the next 6 months a second mass mailing will be sent out reminding associated fishing participants about the ongoing program and proper returned tag reporting procedures.
- Investigation of additional incentives or lottery tickets to improve return rate.
- We also will be advertising the program in fishing magazines or newspapers in hopes of increasing awareness and boosting returns.

**Impacts of project to fishermen/ fishing communities, science:**

- This program has and will continue to create supplemental income for fishermen while building a relationship between them, scientists and managers. Working with fishermen from other regions such as Gloucester and Portland has increased awareness of the program as well as begun to build relationships between fishermen from different ports.
- Acclimatizing fishermen to the concept of using fish sales as a mean to augment cooperative research projects has helped increase formulation of new research ideas and willingness to participate in other projects that they thought may not be financially feasible.
- Increased returns will provide knowledge to scientists on general haddock movement specifically between stock regions and in and out of closed areas.
- Locations where haddock have been tagged and returned are available on the interactive website. The website also allows individuals to visualize movement, report recaptures and identify tagging locations.