

Annex 3: Workshop outline and agenda



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A Workshop to Review and Evaluate the Design and Utility of Mark-recapture Projects in the Northeast US

October 19-21, 2004

Nonantum Resort, Kennebunkport, Maine

- Goals:** To provide a forum for reviewing the capabilities and limitations of available mark-recapture models in the context of ongoing or future tagging activities in the Northeast.
- Objectives:** Review state-of-the-art models available for testing mark-recapture project hypotheses.
Review and critique three current mark-recapture projects in the Northeast (Atlantic cod, black sea bass and yellowtail flounder) and provide advice on experimental design, field protocols, model selection, database development and ancillary parameters.

Background:

Cooperative tagging projects in the northeast include a variety of target species (Atlantic cod, yellowtail flounder, black sea bass, striped bass, Atlantic haddock, herring, halibut, pelagic and large coastal sharks, etc.) and program objectives. Several programs have been ongoing for many years, while others were developed more recently and are focused on answering questions of particular interest for groundfish management. All of these programs would benefit from a review of the theory and analytical details of the state-of-the-art models available for testing project hypotheses. This workshop will provide an opportunity for current tagging programs to develop timely feedback in terms of technical direction for project planning.

The workshop will include invited international experts on various aspects of tagging programs, as well as the principle investigators and participants in Northeast tagging programs. Keynote speakers with specializations in movement studies and integration of tagging data into stock assessment applications will be asked to provide guidance to each of the three programs (i.e., advice on experimental design, field protocol, database development, estimating ancillary parameters). Emphasis should be on practical aspects of tagging and designing a study to successfully meet objectives.

Format:

The format of the workshop will allow for presentations and discussion panels on the technical aspects listed above, with prescriptive advice on how to structure tagging studies.

Program summaries will be prepared by field analysts and program managers of the ongoing research tagging programs prior to the meeting. These summaries will provide an overview of objectives, experimental design, methods used to date, anticipated uses of the resulting data, relationship to ongoing studies, and expected duration. The summaries will be compiled and sent to the keynote speakers in advance of the meeting. Keynote speakers will attempt to orient their initial presentations toward one or more of the ongoing studies.

Program overviews of key three species will entail a 45-minute presentation by the program manager, followed by 30 minutes of clarifying questions/open discussion (to allow experts to tailor their talks the next day to specific requirements of program).

Program overviews of additional species will be brief (10 minutes), focusing on lessons learned, things to do and things to avoid, etc.

Agenda:**Day One**

8:30	Breakfast – All workshop attendees
9:15	Introduction: goals and objectives of workshop; agenda; schedule for the day
9:45	Presentation: Northeast Regional Cod Tagging Program
11:00	Break
11:30	Presentation: Yellowtail Flounder Cooperative Tagging Study
12:45	Lunch
1:45	Presentation: Cooperative Black Sea Bass Tagging Project
3:00	Break
3:15	Presentations: Brief presentations on other tagged species (shark, haddock, striped bass, herring and salmon).
4:45	Summary: Common themes/issues for further discussion; wrap-up and preview of Day Two
5:30	End of Day One
6:00	Working dinner – Organizing committee & Keynote speakers

Day Two

8:15	Breakfast
8:45	Overview: review of schedule for the day
9:00	Keynote speaker: Dr. Alistair Hobday, CSIRO Marine Research (Hobart) and University of Tasmania
10:00	Q & A for Dr. Hobday
10:45	Break
11:15	Keynote speaker: Dr. John Hoenig, Virginia Institute of Marine Science
12:15	Q & A for Dr. Hoenig
1:00	Lunch
2:00	Discussion: review list of common themes/issues identified from Day One and Two, filter and prioritize in preparation for targeted discussions on Day Three.
3:30	Break
4:00	Discussion continued: and plan for targeted discussions on Day Three.
5:00	End of Day Two
6:00	Dinner – All workshop attendees

Day Three

8:00	Working breakfast – Organizing committee & Keynote speakers
8:30	Breakfast – All workshop attendees
9:00	Overview: review of summary derived previous afternoon and schedule for the day
9:15	Expert review and feedback: Northeast Regional Cod Tagging Program
10:15	Expert review and feedback: Yellowtail Flounder Cooperative Tagging Study
11:15	Break
11:30	Expert review and feedback: Cooperative Black Sea Bass Tagging Project
12:30	Lunch
1:30	Review of major points from Day One and Day Two
3:00	Break (?)
3:15	Wrap-up: Final summary and next steps
5:00	End of Day Three