

NATIONAL CATCH SHARES WORKSHOP

NOVEMBER 17-19, 2009

NMFS SOUTHWEST FISHERIES SCIENCE CENTER, LA JOLLA, CA

Tuesday, November 17th

9:00 – 9:30

- 1. Welcome/Purpose/Goals/Outputs** (Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

The primary purpose of this workshop is to develop the NMFS approach for tracking the socioeconomic performance of catch share programs and estimating or predicting the effects of catch share programs and other management actions. Key issues to be addressed during the workshop include identifying performance measures; data needs and data gaps; modeling needs / modeling gaps; and plans for narrowing those gaps.

9:30– 10:50

- 2. Existing catch share programs - Part 1:** (Session moderator: Susan Abbott-Jamieson, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)
 - 2.a. AKC BSAI crab fishery (Brian Garber-Yonts, Alaska Fisheries Science Center, Seattle, WA)
 - 2.b. AKC BSAI Amendment 80 Non-AFA Groundfish Trawl Rationalization (Brian Garber-Yonts, Alaska Fisheries Science Center, Seattle, WA)

10:50 – 11:05 Break

11:05 – 12:25

- 3. Existing catch share programs - Part 2:** (Session moderator: Susan Abbott-Jamieson, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)
 - 3.a. NWC Pacific Coast limited entry fixed gear sablefish fishery permit stacking (Carl Lian, Northwest Fisheries Science Center, Seattle, WA)
 - 3.b. SEC GOM red snapper (Juan Agar, Southeast Fisheries Science Center, Miami, FL)
 - 3.c. NEC Atlantic surfclam and ocean quahog fishery (Eric Thunberg, Northeast Fisheries Science Center, Woods Hole, MA)

12:25 – 1:30 PM Lunch

1:30 – 2:50

4. Catch share programs being implemented by 2011 - Part 1: (Session moderator: Susan Abbott-Jamieson, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

- 4.a. NEC NE multispecies groundfish fishery (Eric Thunberg, Northeast Fisheries Science Center, Woods Hole, MA)
- 4.b. BSAI pollock fishery (data to assess salmon bycatch program) (Ron Felthoven, Alaska Fisheries Science Center, Seattle, WA)
- 4.c. NWC Pacific Coast limited entry trawl groundfish fishery (Carl Lian, Northwest Fisheries Science Center, Seattle, WA)

2:50 – 3:05 Break

3:05 – 4:25

5. Catch share programs being implemented by 2011 - Part 2: (Session moderator: Susan Abbott-Jamieson, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

- 5.a. SE GOM tilefish and grouper fishery (Larry Perruso, Southeast Fisheries Science Center, Miami, FL)
- 5.b. NEC Mid Atlantic tilefish fishery (Eric Thunberg, Northeast Fisheries Science Center, Woods Hole, MA)
- 5.c. NEC sea scallop limited access fishery (Eric Thunberg, Northeast Fisheries Science Center, Woods Hole, MA)

4:25 – 4:55

6. AKC harvesting sector employment data project (Ron Felthoven, Alaska Fisheries Science Center, Seattle, WA)

4:55 – 5:25

7. NEC social capital survey (Patricia Pinto da Silva, Northeast Fisheries Science Center, Woods Hole, MA)

5:25 – 5:55

8. NEC Catch Shares / Sectors Workshop (Drew Kitts, Northeast Fisheries Science Center, Woods Hole, MA)

Wednesday, November 18th

8:30 – 8:45

9. Recap and objectives for Day 2 (Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

8:45 – 9:45

10. Discussion: What should drive the choice of performance measures (e.g., objectives of individual catch share programs, MSA requirements, budget initiative objectives, the data we have, the data we should have, what is simple, and what we should be keeping track of)? (Session moderator: Joe Terry, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

9:45 – 10:45

11. Breakout Group Discussions: Potential performance measures for catch share programs (Session moderator: Susan Abbott-Jamieson, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

Each of two groups will be asked to answer three questions for a group-specific set of six to seven specific generic performance measures. The three questions are:

- a. How will we define it?
- b. How will we estimate it?
- c. What are the data needs / data gaps and model needs / model gaps

The potential performance measures include the following:

- Fleets rationalized (e.g., number of active vessels)
- Season Length (e.g., days fishery open or days with either fishing or landings)
- Revenue per unit effort (e.g., per boat)
- Landings per unit effort (e.g., per boat)
- Lease price (some regions use quota price or allocation price instead of lease price for the price of buying quota for a given year)
- Share price (price of the ongoing privilege to receive annual quota or allocation)
- Lease or share price to ex-vessel price
- OFL, ACL, and/or ACT overages / underages
- Profits (with or without fixed costs and for harvesting and processing sectors?)
- Safety at sea (e.g., number of fatalities)
- Employment (e.g., total annual fishermen days or total annual fishermen days / crew positions)
- Well being (e.g., at community level, unemployment rate / at household level, % families with both spouses present / at individual level, job satisfaction)
- Resilience (e.g., at community level, occupational diversity / at household level, education achieved / at individual level, available support systems)

10:45 – 11:00 Break

11:00 – 12:30

12. Breakout Group Discussions (Continued)

12:30 – 1:30 Lunch

1:30 – 3:30

13. Breakout Group Discussions (Continued)

3:30 – 3:45 Break

3:45 – 5:00

14. Presentations and discussion of breakout groups' conclusions (Session moderator: Susan Abbott-Jamieson, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

5:00 – 5:45

15. Economic insights into the costs of design restrictions in IFQ programs (Jim Sanchirico, Department of Environmental Science and Policy, University of California-Davis)

Thursday, November 19th

8:30 – 8:45

16. Objectives for Day 3 (Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

8:45 – 10:20

17. Discussion: Methods for estimating or predicting the effects of catch share programs in terms of the selected performance measures and additional types of effects (e.g., distributional effects) (Session moderator: Joe Terry, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

- 17.a. Plans for reviewing the IFQ program for red snapper in the Gulf of Mexico (Juan Agar, Southeast Fisheries Science Center, Miami, FL)
- 17.b. Evaluating impacts on crew (Ron Felthoven, Alaska Fisheries Science Center, Seattle, WA)
- 17.c. New Survey Measuring Job Satisfaction among Captains, Crew, and Former Fishermen in New England States (Trish Clay, Northeast Fisheries Science Center, Woods Hole, MA)
- 17.d. Excessive shares (Eric Thunberg, Northeast Fisheries Science Center, Woods Hole, MA)

10:20 – 10:35 Break

10:35 – 11:05

18. Recap and discuss outline for the initial report on a select set of performance measures and an option for doing an expanded report at 3-5 year intervals (Session moderator: Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

Refer to the Catch Share Program presentation outline as a guide to this discussion.

11:05 – 11:35

19. Discussion: The obstacles to meeting the data needs and how to overcome them (Session moderator: Joe Terry, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

11:35 -12:30

20. Discussion: What database management and access tools should be developed to facilitate generating the estimates of the selected indicators for the initial report? (Session moderator: Joe Terry, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

- 20.a. Data access tools (Minling Pan, Pacific Islands Fisheries Science Center, Honolulu, HI)
- 20.b. Data verification tools (Larry Perruso, Southeast Fisheries Science Center, Miami, FL)

12:30 – 1:30 Lunch

1:30 – 3:00

21. Discussion: Data and models needed to improve capabilities to provide economic and sociocultural information for designing and assessing catch share programs and other fishery management programs (Session moderator: Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

- a. Priorities by Center/Region/fishery (each Center/Region jointly will provide a 10 min. presentation on its priorities)
- b. Meeting those needs (general discussion on ways for us to meet the needs identified)

3:00 – 3:15 Break

3:15 – 3:45

22. Common areas of concern and research interest (These could be a focus point for FY10 and FY11 funding.) (Session moderator: Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)

3:45 – 4:15

23. Closing Thoughts / Recommendations / Next Steps (Session moderator: Rita Curtis, Office of Science and Technology, NMFS-Headquarters, Silver Spring, MD)