

JIMAR – PFRP ANNUAL REPORT FOR FY 2005

P.I./Sponsor Name: Dr. Minling Pan

Industry Economist, Pacific Islands Fisheries Science Center

Co-Principal Investigator Mr. David Itano

JIMAR, Pelagic Fisheries Research Program

Project Proposal Title: Economic Fieldwork on Pelagic Fisheries in Hawaii

Funding Agency: NOAA

NOAA Goal (Check those that apply):

- ☒ To protect, restore, and manage the use of coastal and ocean resources through ecosystem-base management
- ☐ To understand climate variability and change to enhance society's ability to plan and respond
- ☐ To serve society's needs for weather and water information
- ☐ To support the nation's commerce with information for safe, efficient, and environmentally sound transportation

1. Purpose of the Project (one paragraph)

This primary objective of this multi-year project has been to provide detailed economic information (especially cost of operation) on Hawaii-based domestic pelagic fishing vessels: longliners, trollers and handliners, and charter boats. Cost-earnings reports (published as JIMAR/SOEST reports) on each of these fisheries have been prepared since the project began in 1994. The data from these studies have been used in a variety of economic and social analyses of these fisheries, both within the project, the other PFRP projects, and by the National Marine Fisheries Service, supporting fishery management in the Western Pacific Islands Region.

There are three main tasks under this projects within FY2005:

- (A) Wrapping up the longline cost-earnings research (received funds from PFRP in 2003),
- (B) Blue marine evaluation (received funds from PFRF in 2003), and
- (C) Technological changes and the impact on fishing effort in the Hawaii-based longline fishery (expected funds from PFRP in 2005).

2. Progress during FY 2005 (One-two paragraphs, including a comparison of the actual accomplishments to the objectives established for the period, and the reasons for slippage if established objectives were not met):

Task A. During FY2005, a study on imported frozen tunas treated with tasteless smoke (CO) and its impact to Hawaii fresh tuna market (assisted by a summer intern Timothy Ming) was conducted. Based on industrial observations, imported tuna has been increased in Hawaii recently and competes with local fishing industry. Many main supermarket chains in Hawaii sell imported tunas, which could be previously frozen and CO treated, under the same name of “ahi poke” used for the local fresh tunas, but in much lower price. Local fishing industry concerns that the ongoing increase of imported tunas may threat the livelihood of the local fishing industry, especially the pelagic fishery, which is the largest fishery in Hawaii. The Pelagic Plan Team recommended a study on imported tunas and the impacts to the local market. A pilot study on such a subject was completed in FY05.

Task B. (Dr. Stewart Alan is responsible for the task, a progress report will be send separately).

Task C. Based on PFRP steering committee and reviewers’ comments, the research proposal was revised and re-submitted to PFRP for FY06 funding. Mr. David Itano serves as co-PI for this project. The revised research proposal has been approved and funds for this project is expected to on later of this year.

3. Plans for the next fiscal year (one paragraph):

Tast A. This main activity of this task to conduct the fleet-wide of cost-earnigs study in the Hawaii loneline fishery during 2005-2006. This would be the third cost-earnings study in this fleet, one of the main pelagic fisherie in Pacific Islands areas. The first cost-earnings study of the Hawaii longline fleet was conducted during 1993-1994, the second was conducted during 2000.

Task C. Research activities include to have an inventory on all the possible changes of fishing technology in HI longline during in past 20 year and to design the questionnaires to investigate fishing technological changes in individual vessels, to field test the questionnaires, and to complete the field work.

4. List of papers published in refereed journals during FY 2005.

N/A

5. Other papers, technical reports, meeting presentations, etc.

Presentations:

“Imported Tunas and Pilot Study on Impact to Hawaii Fresh Tuna Market” to the mid-year Pelagic Plan Team of the WPRFM council, in September 29, 2004, Honolulu, Hawaii

“Imported Tunas and Pilot Study on Impact to Hawaii Fresh Tuna Market” in the PFRP (pelagic fisheries research program) PI meeting in November 29 – December 1, in the East-West conference center, Honolulu.

Technical report:

Minling Pan and Timothy Ming. Working paper. A a pilot study on imported frozen tunas treated with tasteless smoke (CO) and its impact to Hawaii fresh tuna market

6. Graduates (Names of students graduating with MS or PhD degrees during FY 2005. Provide titles of their thesis or dissertation):

N/A

7. Awards (List awards given to JIMAR employees or to the project itself during the period): N/A

8. Publication Count (Total count of publications for the reporting period and previous periods categorized by NOAA lead author and Institute (or subgrantee) lead author and whether it was peer-reviewed or non peer-reviewed (not including presentations):

	JL Lead Author			NOAA Lead Author			Other Lead Author		
	FY03	FY04	FY05	FY03	FY04	FY05	FY03	FY04	FY05
Peer-reviewed									
Non-peer reviewed									

9. Students and Post-docs (Number of students and post-docs that were associated with NOAA funded research. Please indicate if they received any NOAA funding. For institutes that award subcontracts, please include information from your subgrantees):

Timothy Ming, a economics major college student from Wheaton College

10. Personnel:

- (i) Number of employees by job title and terminal degree that received more than 50% support from NOAA, including visiting scientists (this information is not required from subgrantees):

Timonth Ming, Summer Intern

- (ii) Number of employees/students that received 100% of their funding from an OAR laboratory and/or are located within that laboratory. 0

- (iii) Number of employees/students that were hired by NOAA during the past year:

11. Images and Captions (JIMAR will be including images in the annual report. Please send two of your best high-resolution, color images (photo, graphic, schematic) as a JPEG or TIFF with a caption for each image. Hardcopies of images can be dropped off at the JIMAR office if no electronic versions are available.

- Caption 1:

- Caption 2:

12. For multi-year projects, provide budget for the next year on a separate page. Contact Dodie Lau to confirm whether or not your project is to receive continuation funds (e.g., year 2, year 3), and for budget preparation assistance, lau@hawaii.edu