

JIMAR – PFRP ANNUAL REPORT FOR FY 2006

P.I./Sponsor Name: John Kaneko and Paul Bartram

Project Proposal Title: Incidental catch of Non-target Fish Species and Sea Turtles: Comparing Hawaii's Pelagic Longline Fishery Against Others. (Project No. 658849)

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)

The purpose is to evaluate the incidental catch rates of non-target fish species and sea turtles in Hawaii's longline fishery and make comparisons with other pelagic longline fisheries using a methodology patterned after Hall (1999). The final report titled: *Catch to Bycatch Ratios: Comparing Hawaii's Longline Fisheries with Others*, was prepared and distributed as SOEST 0-05 JIMAR Contribution 04-352. Later in 2005, an extension of the project was awarded. The purpose of the extension is to develop (where possible) pelagic longline gear profiles of Japanese and Taiwanese longline fleets in the WCPO producing ULT frozen sashimi bigeye tuna. Efforts will be made to expand (where possible) the pelagic longline profiles to include information on the number and size of vessels, fish hold capacity, type of refrigeration/freezer, target species and target market in addition to the information on gear and fishing practices.

2. Progress during FY 2006 (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):

We proposed a combination of desk-based work and travel to contact international tuna fishing organizations, fishing industry members and fishery management organizations to attempt to identify and obtain the information needed for the fleet profiles. We attended the Third International Fishers' Forum, July 25-28, 2005 in Yokohama, Japan to take advantage of the opportunity to interview fishers from various fleets and other conference participants that will be assembled. Contacts were made with representatives of Taiwanese and Japanese ULT freezer longline vessels. Several interviews were

completed, with follow-up from Honolulu to clarify information provided. As anticipated, collecting this information has proven to be difficult. More information is needed from the Taiwanese fleet, making a trip to Kaohsiung, Taiwan necessary. This trip has been postponed due to scheduling conflicts with our local contacts and bilingual tuna industry specialist.

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

We will make the fact finding trip to Taiwan to conduct interviews with fishing industry representatives and fishing vessel captains when schedules can be coordinated with our bilingual Taiwanese tuna industry specialist and local contacts for interviews with ULT fishing boat captains and fleet representatives.

4. List of papers published in refereed journals during FY 2006.

None.

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

Catch to Bycatch Ratios: Comparing Hawaii's Longline Fisheries with Others, was prepared and distributed as SOEST 0-05 JIMAR Contribution 04-352.

6. Graduates (Names of students graduating with MS or PhD degrees during FY 2006. Provide titles of their thesis or dissertation):

Does not apply.

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

None.

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		
	FY04	FY05	FY06	FY04	FY05	FY06	FY04	FY05	FY06
Peer-reviewed	0	0	0				2	0	1
Non-peer reviewed	2	2	0				1	4	0

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):

None.

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): Does not apply.
- (ii) Number of employees/students that received 100% of their funding from an OAR laboratory and/or are located within that laboratory. None.
- (iii) Number of employees/students that were hired by NOAA during the past year: None.

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.

We do not have photos.

- 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

We have applied for and been granted a no-cost extension of until 7/1/07. No additional funding is anticipated.