

## JIMAR – PFRP ANNUAL REPORT FOR FY 2006

P.I./Sponsor Name: Stewart Allen

Project Proposal Title: Sociological Baseline of Hawaii Longline Industry

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 Hawaii-based longline fishing industry has been heavily regulated with little analysis of the socio-cultural impacts of those regulations and management. The ethnically diverse makeup of longline industry participants in Hawaii and the dynamic nature of the industry highlight the need for primary data on contemporary sociocultural characteristics. Project researchers are addressing this problem by:

- Compiling a comprehensive social profile of the longline fishing industry of Hawaii; and
- Providing social profile information to decision-makers on regulatory impacts and implementation strategies

### 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):

Interviews with 234 longline fishermen, including owners, captains, and crew, were formally completed in FY 2004-2005. The research team continued to make visits to the pier areas until December 2005 to maintain contact with the fishermen and learn about new developments. These visits were documented in additional project narratives and are being used to help interpret interview results.

The main emphasis has been on analyzing data and writing a series of reports. Currently, reports have been drafted on: impacts of the swordfish closure (and re-opening) on Vietnamese-American fishermen; fishermen's perceptions of and experiences with observers and the observer program; fishermen's perceptions of National Marine Fisheries Service regulations and management; and the experiences of Filipino crew members in the Hawaii-based longline fleet. These papers are all in various stages of review in the PIFSC review process.

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

The primary task will be completing final versions of the four papers and publishing them as NOAA technical memorandums. The need for additional publications and applications of the data will be explored. One of the above papers incorporates description of shoreside businesses and the fish distribution system, but additional fieldwork will be conducted to further explore these initial findings and a separate report developed on the distribution chain (with a focus on sociocultural aspects).

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

None. However, two of the above reports have been prepared in journal format and submitted to two journals, with publication expected in 2006. One article has been accepted for publication and the other has received preliminary approval for publication.

Allen, Stewart D. & Amy Gough.

**Impacts of the Hawaii swordfish closure on the Vietnamese-American longline fishing community.** Forthcoming in Human Organization, special issue on anthropology in fisheries management.

Allen, Stewart D. & Amy Gough.

**Filipino crew in the Hawaii-based longline industry: Issues, concerns, and opportunities.** Abstract accepted for publication, NAPA Bulletin, special issue on anthropology and management of federal fisheries in the U.S.

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

In addition to the above-mentioned papers, the following presentations were made in FY 2005:

Allen, Stewart D.

2005. **Vietnamese-American fishermen and the Hawaii-based swordfish fishery closure: Comparing predicted and actual impacts.** Paper presented at annual conference, Society for Applied Anthropology, Vancouver, B.C., Canada, April 1, 2006.

Allen, Stewart D. and Amy Gough.

2005. **Yes, they eat the bait: Ethnic dynamics within the Hawaii longline fleet.** Paper presented at American Fisheries Society annual conference, Anchorage AK, Sept. 11-15, 2005.

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

None.

7. Awards (List awards given to JIMAR employees or to the project itself during the period): Best Paper Award, Policy Research (2<sup>nd</sup> place), NOAA Fisheries Social Scientist Conference, San Francisco, CA, April 2006. Paper by Stewart Allen and Amy Gough was on Vietnamese-American longline fishermen’s adaptation to fisheries regulations.

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):

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): 1, Social Research Assistant, M.A..

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

(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: JIMAR researcher Amy Gough enjoys the Honolulu sunset with Filipino crew members.



● Caption 2: JIMAR interpreter/community liaison Daniel Isidro (pictured holding hooks) with Filipino crew members.