**JIMAR – PFRP ANNUAL REPORT FOR FY 2007**

P.I./Sponsor Name: Edward W. Glazier, Ph.D./Impact Assessment, Inc., John Sibert, UH JIMAR

Project Proposal Title: “An Assessment of Small Boat Yellowfin and Bigeye Tuna Operations and Regulatory Scenarios in the Main Hawaiian Islands”

Funding Agency: NOAA

NOAA Goal (Check those that apply):

- [X] 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 primary goal of this project was to provide PFRP and the WPRFMC with valid and reliable information regarding historic and contemporary trends in commercial pursuit of yellowfin and bigeye tuna by the small-boat handline fleet operating around the Main Hawaiian Islands. Especial focus was applied to: (a) description and spatial analysis of private FAD fishing offshore the Big Island (b) description and explanation of changes in extent and manner of use of various gear, and (c) description and explanation of trends in market and distribution of BET and yellowfin by small-boat handline operators. The secondary purpose of the project was to characterize the economic, social, and cultural contexts within which the BET/yellowfin small-boat commercial fisheries are conducted in the MHI.

2. Progress during FY 2007 (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):

Project completed

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

Not Applicable

Peer-reviewed articles in progress.

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

Preliminary findings from this and the ika-shibi project were presented at: (1) the 2005 and 2006 PFRP Principal Investigator's Meeting, (2) the 91st meetings of the WPRFMC SSC, (3) the 131st meetings of the WPRFMC, and (4) the May 2006 meeting of the WPRFMC Pelagics Plan Team. Preliminary findings from both projects have been compiled and submitted to the WPRFMC in a final background document titled "Hawai‘i's Pelagic Handline Fisheries: History, Trends, and Current Status" (84 pp.). Final technical report forthcoming.

6. Graduates (Names of students graduating with MS or PhD degrees during FY 2007. Provide titles of their thesis or dissertation):

Participating graduate students are expected to graduate in 2008.

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):

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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):

The project involved the participation of two ABDs during FY 2006, both funded through the ika-shibi project contract with Impact Assessment, Inc.

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): None

(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

Small Boat Action at Cross Seamount, Fall 2007

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 of TIFF with a caption for each image. Hardcopies of images can be dropped off at the JIMAR office if no electronic versions are available.

None

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 receiving continuation funds (e.g., year 2, year 3), and for budget preparation assistance, lau@hawaii.edu

Project completed; not applicable.