

## JIMAR – PFRP ANNUAL REPORT FOR FY 2007

P.I./Sponsor Name: John Sibert, PFRP

Judith R. Amesbury and Rosalind Hunter-Anderson, Micronesia Archaeological Research Services

Project Proposal Title: An Analysis of Archaeological and Historical Data on Fisheries for Pelagic Species in Guam and the Northern Mariana Islands

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)

MARS is producing a report on the long-term data concerning fisheries for pelagic species in Guam and the Northern Mariana Islands. The report is based mainly on archival review. However we are also conducting interviews with fishermen on each of the four major islands (Guam, Saipan, Tinian, and Rota). In addition, we have had two collections of archaeological fish bones from Guam analyzed by Foss Leach of New Zealand to add to the data from the Prehistoric Period. We have also sent a Japanese-speaking researcher, Wakako Higuchi of Guam, to Japan to obtain fishery data from the Japanese Period in the Northern Marianas.

### 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):

Hunter-Anderson has completed Chapter 1, Overview of the Prehistory of the Mariana Islands. Amesbury has obtained the radiocarbon dates from the Ylig Project and has written most of Chapters 2, 3, and 4 with the fishery data from the Prehistoric Period, Spanish Period, and Twentieth Century. Wakako Higuchi's work on the pre-war Japanese fisheries in the Northern Marianas has been published (see below).

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

Amesbury will interview three fishermen in Guam to add to our interviews from the CNMI. She will complete the report by 6/30/08.

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

Higuchi, Wakako. 2007. Pre-war Japanese fisheries in Micronesia: Focusing on bonito and tuna fishing in the Northern Mariana Islands. *Immigration Studies* 3:49-68.

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

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

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

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):

	JI Lead Author			NOAA Lead Author			Other Lead Author		
	FY05	FY06	FY07	FY05	FY06	FY07	FY05	FY06	FY07
Peer-reviewed									1
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):

(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:

Employees of Micronesian Archaeological Research Services received the following hours of pay from this grant: Amesbury 680, Hunter-Anderson 280, Illustrator 60. Foss Leach and Wakako Higuchi were paid as consultants.

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](mailto:lau@hawaii.edu)