

## Presentation

Title: Southeast Shrimp Fishery Economic Data Collection

Presenter: Christopher Liese

### Abstract:

In March 2010, the National Marine Fisheries Service's Southeast Fisheries Science Center will begin mailing a two-page economic survey to selected holders of federal permits for the South Atlantic penaeid shrimp and rock shrimp fisheries. The survey will be sent annually to a random sample of 20% to 33% percent of permitted shrimp vessels in the Southeast (OMB # 0648-0591), with a new sample to be selected each year. The information will be used to assess trends in the financial and economic state of the fishery, and to determine the economic and social effects of regulations and other factors affecting the South Atlantic shrimp fishery.

The information requested by this survey---annual operating expenses and the cost of owning a shrimp vessel in 2009---should be readily available from accounting and tax records. Shrimp Amendment 7 authorized the collection of data from fishermen with federal permits for the penaeid and rock shrimp fisheries, and, if selected, participation is a requirement for permit renewal. The information collected from individual vessels is confidential, and only summary statistics are released to the public. The due date to return the survey in the pre-paid envelope will be April 30, 2010.

This survey is an extension to the South Atlantic shrimp fisheries of the 'Annual Economic Survey of Federal Gulf Shrimp Permit Holders,' which has been successfully conducted for the last 3 years in the Gulf of Mexico. The following pages include a copy of the questionnaire and a short fact sheet that summarizes information collected in the Gulf for the 2006 calendar year. The full reports are available on the Web at: <http://www.sefsc.noaa.gov/shrimpecon.jsp>

For more information on the Southeast Shrimp Fishery Economic Data Collection, please contact Christopher Liese at NOAA SEFSC, Christopher.Liese@noaa.gov or (305) 365-4109.



**Other Important Economic Information** (Survey #: «Permit»):

12. Vessel insurance in 2009 (check all that apply):  None  Hull  P&I

**If Hull insured**, enter coverage level if vessel is lost: \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00  
(do not enter monthly or annual insurance premium here, instead → Question 8.)

13. Appraised value of this vessel (if insured) or best estimate of this value (if not insured):

- a) Market value of vessel including permits (anytime in 2009): \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00
- b) Market value of vessel without permits (anytime in 2009): \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00
- c) Original purchase price of vessel: \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00  
(estimate original value if gift or self-built)

14. Did you have any loan(s) on your vessel at any time during 2009:  Yes  No

- If Yes:**
- a) Total amount you still owe at *end of* 2009: \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00
  - b) Please split total loan payment in 2009 (Question 9.) into:
    - i) Interest paid in 2009: \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00
    - ii) Principal repaid in 2009: \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00

15. Depreciation of vessel as claimed for tax purposes (2009): \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00

16. During 2009 this vessel was active in (check all that apply):

Shrimp Fishery  Other Commercial Fisheries  Non-Fishing Income Activities  Not Active

17. Total gross revenue from activities *other than shrimp* generated by this vessel in 2009 (from other commercial fishing or non-fishing income activities) (if none enter "0"): \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00

18. Government payments received for this vessel in 2009; for example due to imports and low shrimp prices (tariff money; trade assistance adjustment payments) or hurricanes/disaster relief (if none enter "0"): \$ \_\_ \_\_, \_\_ \_\_ \_\_, \_\_ \_\_ \_\_ .00

I certify that the information contained on this form is accurate and complete to the best of my knowledge:

\_\_\_\_\_  
Signature of person completing report

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed name of person signing report

(\_\_\_\_\_)\_\_\_\_\_  
Phone number

**Please return this completed form in the enclosed prepaid envelope!**  
[Mail to: NMFS; Miami Lab; P.O. Box 491500; Key Biscayne, FL 33149]

**Thank You!**

**Other Questions (voluntary)**

- 1. Would you like to receive the results (2009 fact sheet) when they becomes available?  Yes  No
- 2. Please use the reverse side or a separate piece of paper for any comments. We appreciate any comments.



## 2006 Financial Performance of Federally Permitted Shrimp Vessels in the Gulf of Mexico

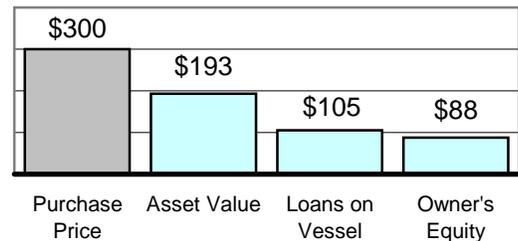
This fact sheet presents results from the first annual economic survey of Gulf shrimp vessels with federal permits. Data are collected annually with a two-page survey that is sent to a random sample of about 30 percent of permitted vessels. The information will be used to assess trends in the financial and economic state of the fishery, and to determine the economic and social effects of regulations and other factors affecting the fishery. The 2006 survey response rate was almost 90%, resulting in 484 complete and usable surveys, including 386 active Gulf shrimp vessels

### Results for the active Gulf shrimp fleet (Averages!):

#### Vessel Characteristics

Average vessel		% of vessels with	
Length (feet)	70	Hull material - Steel	80%
Gross tons	111	Refrigeration - Freezer	63%
Horse power	531	Loan on vessel	53%
Year built	1986	Insurance coverage - Hull	48%

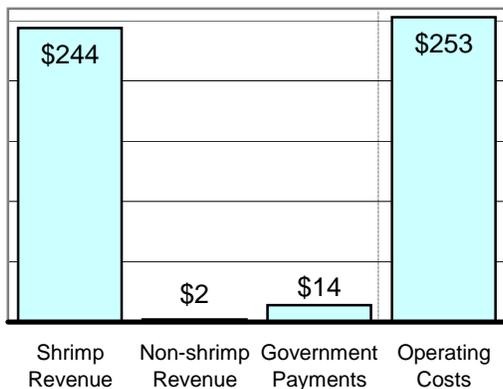
#### Vessel Balance Sheet (in thousands)



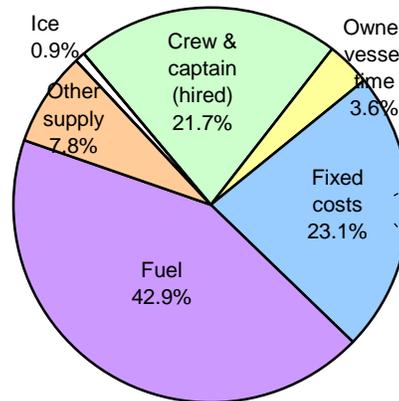
#### Vessel Operations

Shrimp landed (pounds heads-off)	101,268	Annual fuel use (gallons)	52,931
Shrimp price per pound	\$2.41	Fuel price per gallon	\$2.06
Owner operated vessels (%)	46%	Days lost due to lack of crew	35

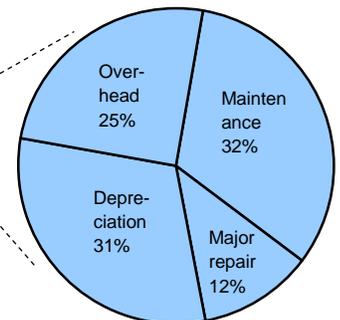
#### Revenue and Costs (in thousands)



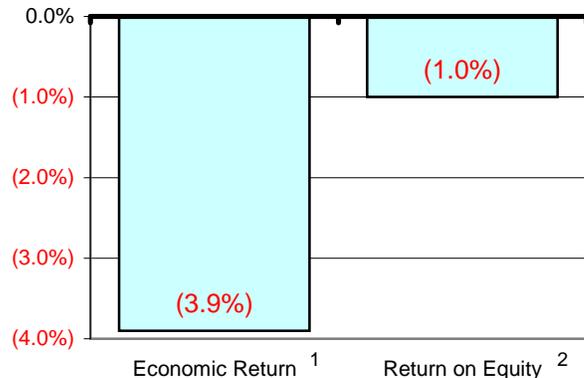
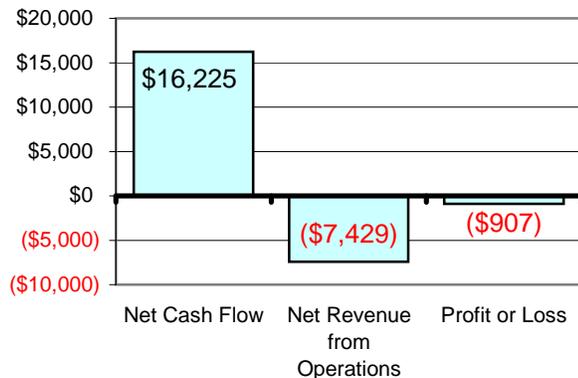
#### Operating Costs (%)



#### Fixed Costs (%)



#### Financial and Economic Performance



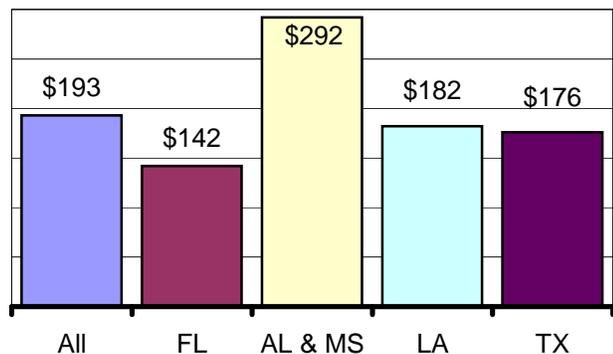
<sup>1</sup> Economic Return (%) = Net revenue from operations / Assets

<sup>2</sup> Return on Equity (%) = Profit or loss / Owner's equity

**Results for the active Gulf shrimp fleet by State (Averages!):**

(Number of vessels: All = 386, Florida FL = 51, Alabama & Mississippi AL & MS = 61, Louisiana LA = 105, Texas TX = 166)

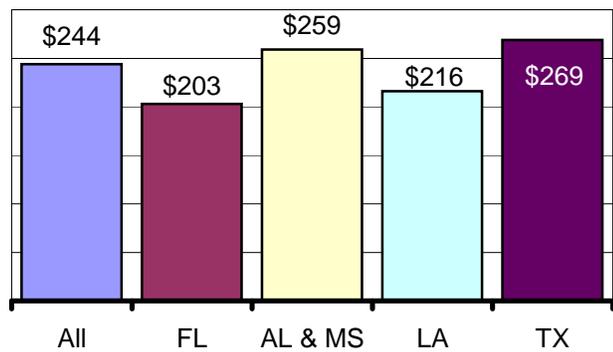
**Vessel Asset Value (in thousands)**



**Owner's Equity (in thousands)**



**Shrimp Revenue (in thousands)**



**Net Cash Flow (in thousands)**



**Net Revenue (in thousands)**



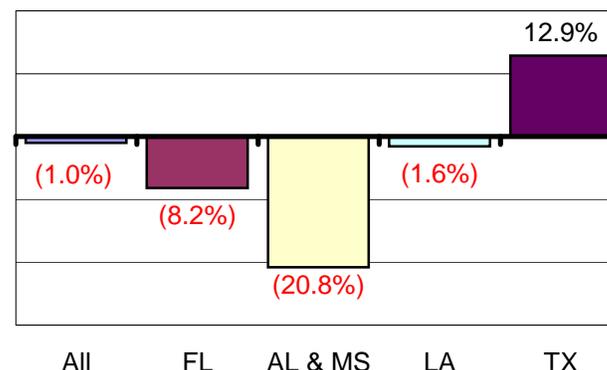
**Profit or Loss (in thousands)**



**Economic Return (%)<sup>1</sup>**



**Return on Equity (%)<sup>2</sup>**



For definitions and further information please see *The Annual Economic Survey of Federal Gulf Shrimp Permit Holders: Report on the Design, Implementation, and Descriptive Results for 2006* (NOAA Technical Memorandum NMFS-SEFSC-584) available at: <http://www.sefsc.noaa.gov/PDFdocs/ShrimpEconTM584.pdf>