

Science, Service, Stewardship



# Plans for Reviewing the Red Snapper IFQ

National Catch Shares Workshop

La Jolla, California

November 17-19, 2009

Juan Agar

Social Science Research Group

Southeast Fisheries Science Center

Miami, Florida

**NOAA  
FISHERIES  
SERVICE**



Amendment No. 26 to the GOM Reef Fish FMP implemented an IFQs to:

- a) Reduce overcapacity, and
- b) Eliminate, to the extent possible, the problems associated with derby fishing

The FMP also called for 5 year review of the program (Jan 2012)



## Preliminary plan

Two prong approach for the 5-year review

- a) Assessment of the program relying on existing databases (logbook and IFQ database), and
- b) Survey of present and past share and lease holders



## Secondary Data Assessment

- In-house review and assessment IFQ performance using different tiers of analysis
  - 1<sup>st</sup> tier: development of “basic” indicators to capture basic trends in landings, effort and efficiency (e.g., days fished, share prices, by-catch ratios) - Winter Fall 2010
  - 2<sup>nd</sup> tier: development of multidimensional indexes or scores (e.g., DEA -efficiency scores, Productivity-Malquist indices)- Fall 2011
  - 3<sup>rd</sup> tier: development of other models (e.g., adjustment in cost and supply responses, behavioral changes models with and without IFQ)-Fall 2012



## Survey of IFQ shareholders

- PI: Walter Keithly (LSU)
- Sampling approach: In-person and mail surveys of share and lease holders (N=500)
- Attitudinal and open ended questions
- Timeline:
  - PRA Clearance request: Winter 2010
  - Fieldwork : Summer 2010
  - Report: Fall 2011



## Survey themes

- Opinions about overall performance of program (changes biological, economic and social)
- Current IFQ Practices (reasons for selling/leasing, changes in capital use and crew arrangements)
- Major changes brought about IFQ program (investment/disinvestment, crew dynamics, factors influencing harvesting decision-making - timing, areas fished, targeting, regulations.
- Changes in quota share (reason for maintaining or increasing share)
- Miscellaneous (recommendations for improvement, enforcement levels adequate, etc)