Science, Service, Stewardship

April 26, 2011

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Sustainable Fisheries Performance Measures

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Performance Measure Overview

High Priority Performance Goals (HPPG)

Annual Catch Limits

Catch Shares

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High Priority Performance Goals

- HPPG were established in 2010 as “challenging, near-term performance improvements agencies will strive to deliver for the American people using existing legislative authority and budgetary resources.”

- 3 HPPG identified for NOAA in FY11:
  1. Required ACLs in place by end of 2011
  2. End overfishing by managing under ACLs
  3. Achieve FSSI score of 586 in 2011

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HPPG 1: ACLs in place by end of 2011

- Full wording of measure is:
  - Ensure that all 46 Federal fishery management plans have required catch limits to end overfishing in place by the end of 2011.
- Performance criteria:
  - Final rule implementing ACL and AM mechanisms published by Dec 31, 2011
  - This includes identification of stocks exempt from ACLs due to 1 year life cycle, international agreement, or ecosystem component

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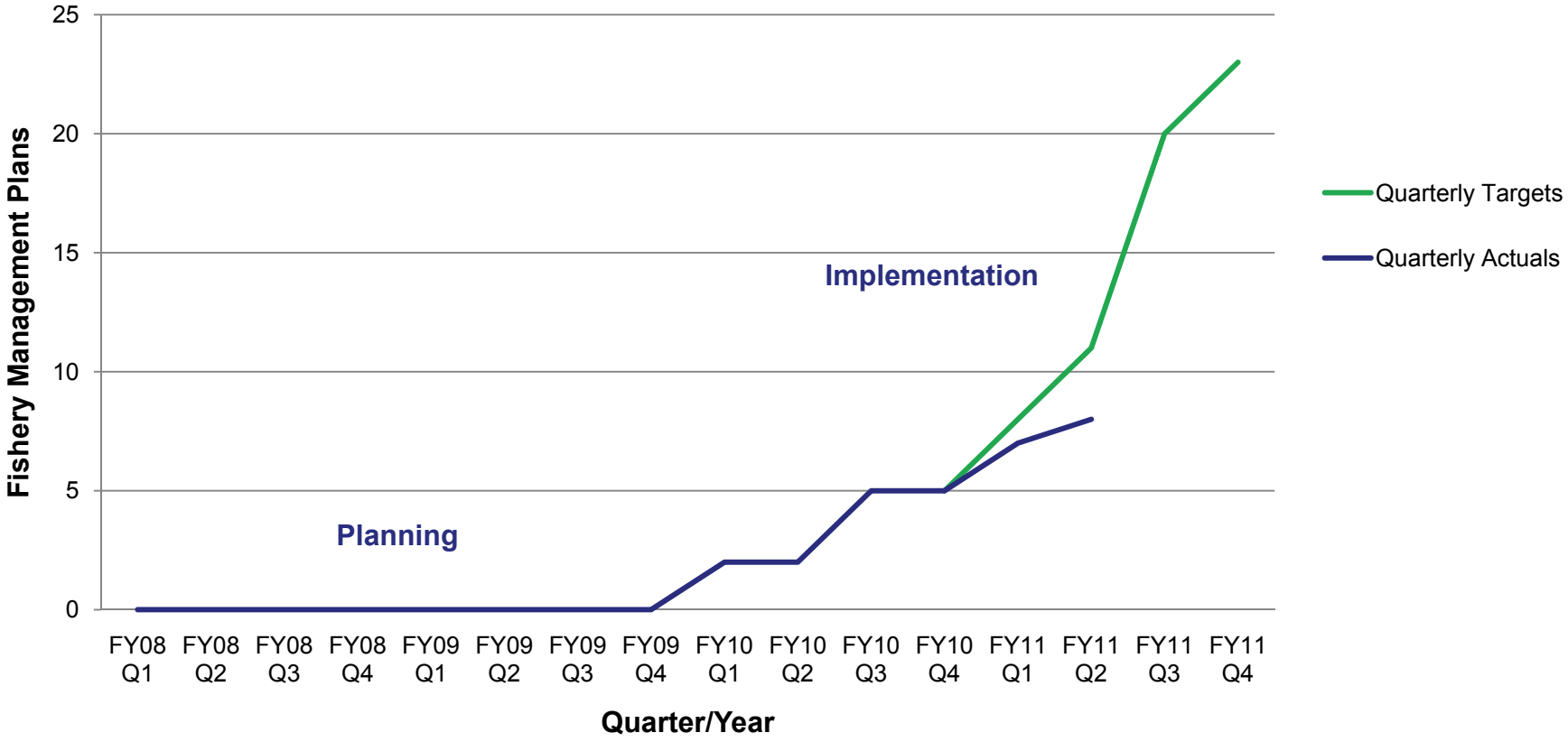
Ensure that all 46 Federal fishery management plans (FMPs) have required annual catch limits to end overfishing in place by the end of 2011



FY11 Q2 Target: 11 FMPs
FY11 Q2 Actual: 8 FMPs

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HPPG 2: End overfishing by managing under ACLs

- Full wording of measure is:
  - Reduce the number of stocks subject to overfishing to zero by the end of 2011.
- Performance criteria:
  - Applies to U.S. domestic stocks listed as subject to overfishing prior to the 2010 fishing year.
  - ACLs established for fishery (through specifications or other process)
- Status:
  - ACLs for all overfishing stocks except Caribbean are in place – The Caribbean Council took action in 2010 on ACLs, but implementation is delayed pending completion of the Biological Opinion on endangered corals

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HPPG 3: Fish Stocks Sustainability Index – 586 in 2011

- Full wording of measure is:
  - Improve the Fish Stock Sustainability Index (FSSI) to 586 by the end of 2011
- Performance criteria:
  - FSSI score at or above 586 by Dec 31, 2011
- Status:
  - Expect to exceed the target of 586 in 2011.
  - FSSI as of Mar 31, 2011 is 583

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Fish Stocks Sustainability Index – Quarter ending 03/31/11

- Stock status changes from 01/01/11 to 03/31/11:
  - For FY 2011 Q2, the FSSI score was 583, exceeding the Q2 target of 582.5.
  - 39 FSSI stocks are listed as *subject to overfishing*.
  - 43 FSSI stocks are listed as *overfished.*
  - Gulf of Maine haddock was declared rebuilt.
  - While there were several stocks with point gains, there was also a loss of 4.5 points in the FSSI due to several stocks reverting to unknown status following recent stock assessments. However, the net gain in the FSSI exceeded the Q-2 target.

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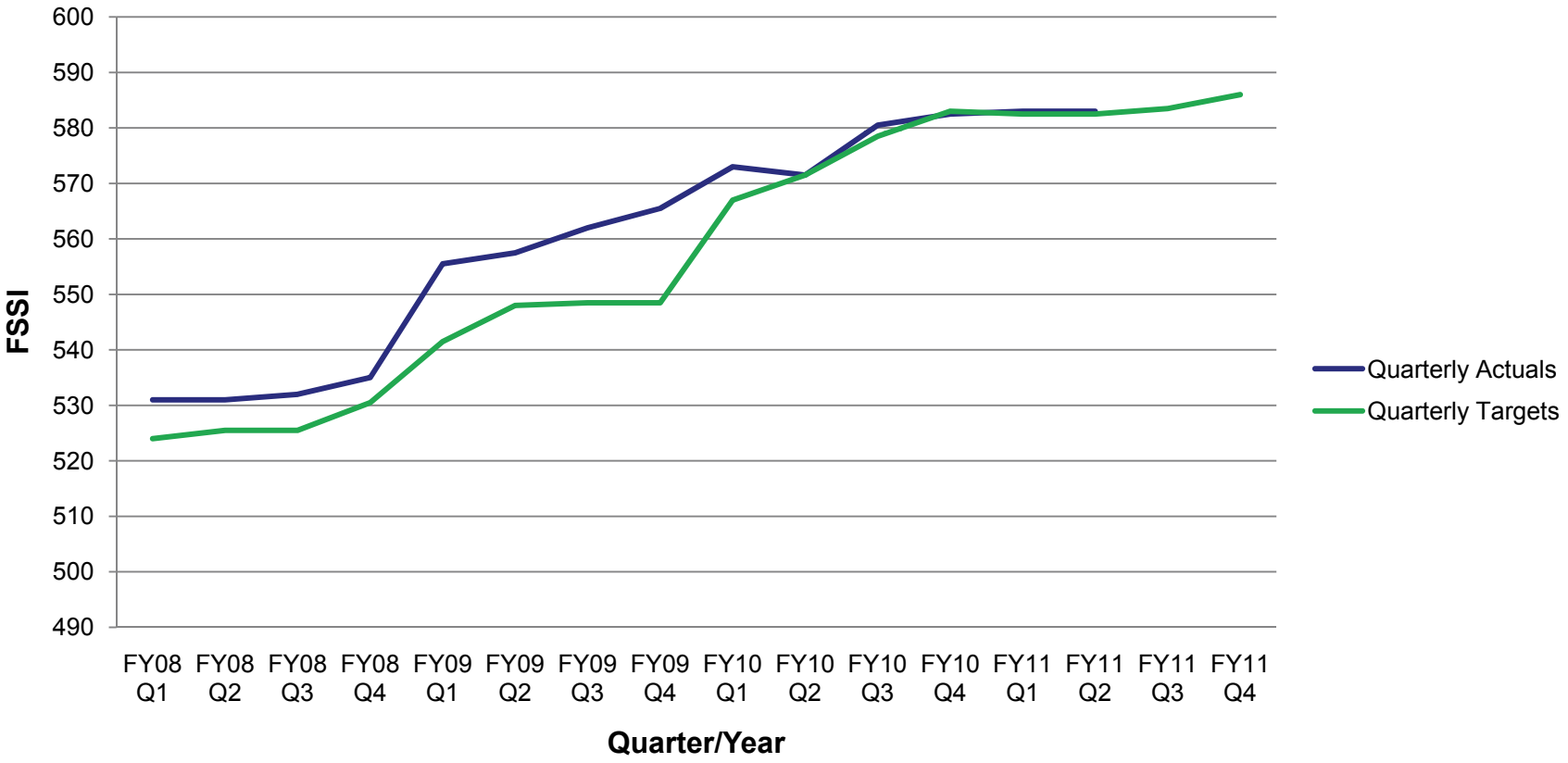
The Fish Stock Sustainability Index

FY11 Q2 Target: 582.5

FY11 Q2 Actual: 583 (Met)



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Stocks "Subject to Overfishing" (40) – as of March 31, 2011

New England:
1. Atlantic Cod – Georges Bank
2. Atlantic cod – Gulf of Maine
3. White hake
4. Windowpane - Gulf of Maine / Georges Bank
5. Windowpane - Southern New England / Mid-Atlantic
6. Winter flounder – Georges Bank
7. Winter flounder – Southern New England/Mid-Atlantic
8. Witch flounder
9. Yellowtail flounder – Cape Cod/Gulf of Maine
10. Yellowtail flounder – Southern New England/Mid-Atlantic

Pacific:
1. Yellowfin tuna – Eastern Pacific[2]

Highly Migratory Species:
1. Albacore – North Atlantic[2]
2. Blacknose shark
3. Blue marlin – Atlantic[2]
4. Bluefin tuna – West Atlantic[2]
5. Dusky shark
6. Sailfish – West Atlantic[2]
7. Sandbar shark
8. Shortfin mako – Atlantic[2]
9. White marlin – Atlantic[2]

Pacific and Western Pacific
1. Bigeye tuna – Pacific[2]
2. Pacific bluefin tuna – Pacific[2]

South Atlantic:
1. Black sea bass
2. Gag
3. Red grouper
4. Red snapper
5. Snowy grouper
6. Speckled hind
7. Tilefish
8. Vermilion snapper
9. Warsaw grouper

Gulf of Mexico:
1. Gag
2. Gray triggerfish
3. Greater amberjack
4. Red snapper

Caribbean:
1. Grouper Unit 1
2. Grouper Unit 4
3. Parrotfishes[1]
4. Queen conch
5. Snapper Unit 1

1. Non-FSSI stock
2. Stock is fished by U.S. and International fleets.

Blue = Also Overfished

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National Marine Fisheries Service
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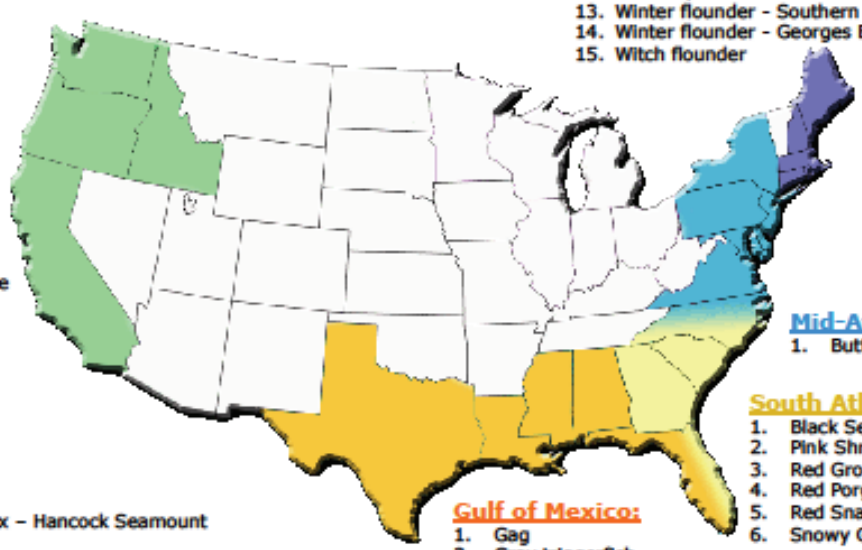
Overfished Stocks (48) – as of March 31, 2011

North Pacific:
1. Blue king crab – Pribilof Islands
2. Southern Tanner crab - Bering Sea

New England:
1. Atlantic cod – Georges Bank
2. Atlantic halibut
3. Atlantic salmon[1]
4. Atlantic wolffish[1]
5. Ocean pout
6. Smooth skate
7. Thorny skate
8. White hake
9. Yellowtail flounder – Georges Bank
10. Yellowtail flounder – Southern New England/Mid-Atlantic
11. Yellowtail flounder – Cape Cod/Gulf of Maine
12. Windowpane - Gulf of Maine/Georges Bank
13. Winter flounder - Southern New England/Mid-Atlantic
14. Winter flounder - Georges Bank
15. Witch flounder

Pacific:
1. Canary rockfish
2. Cowcod
3. Petrale sole
4. Chinook salmon - California Central Valley: Sacramento (fall)[1]
5. Coho salmon - Washington Coast: Queets[1]
6. Coho salmon - Washington Coast: Western Strait of Juan de Fuca[1]
7. Yelloweye rockfish



Highly Migratory Species:
1. Albacore – North Atlantic[2]
2. Blacknose shark
3. Blue marlin – Atlantic[2]
4. Bluefin tuna – West Atlantic[2]
5. Dusky shark
6. Porbeagle shark
7. Sandbar shark
8. White marlin – Atlantic[2]

Mid-Atlantic:
1. Butterfish (Atlantic)

South Atlantic:
1. Black Sea Bass
2. Pink Shrimp
3. Red Grouper
4. Red Porgy
5. Red Snapper
6. Snowy Grouper

Western Pacific
1. Seamount Groundfish Complex – Hancock Seamount

Gulf of Mexico:
1. Gag
2. Gray triggerfish
3. Greater amberjack
4. Red snapper

Caribbean:
1. Grouper Unit 1
2. Grouper Unit 2
3. Grouper Unit 4
4. Queen conch

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1. Non-FSSI stock
2. Stock is fished by U.S. and International fleets

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Catch Shares

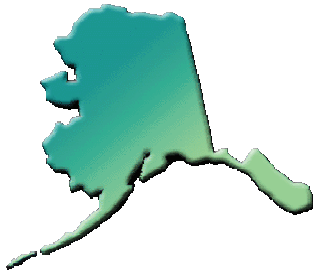
New performance measure for FY11. Full wording of measure is:

- Number of catch share programs meeting key objectives:
  - Increased revenue per vessel
  - Increased or full utilization of target species
  - Decreased bycatch
  - ACL not exceeded.

Comparison will be to fishery prior to implementation of C.S.

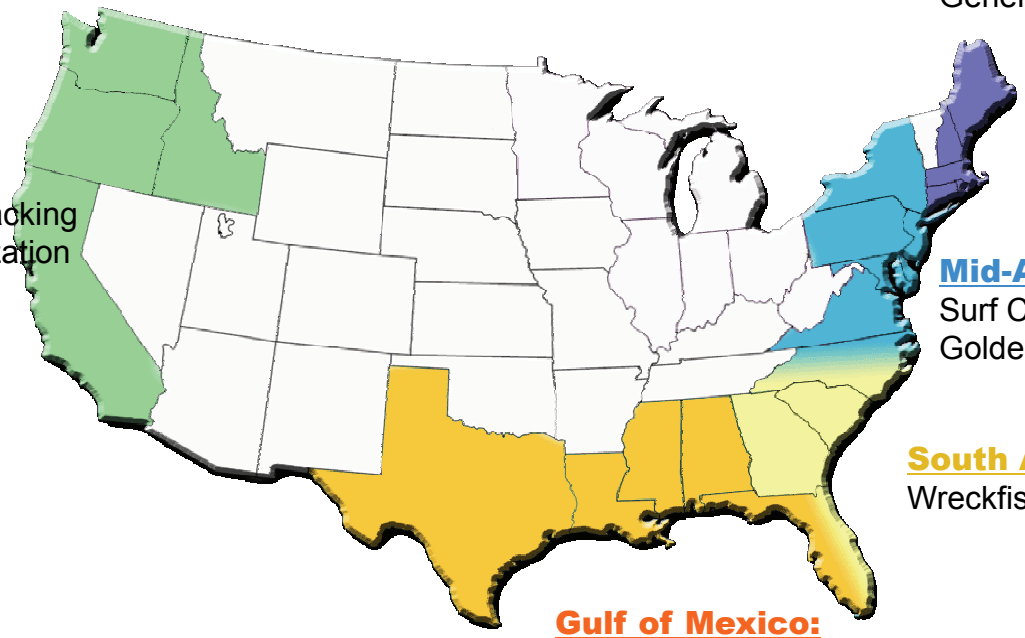
- Status:
  - Initiating data collection

Catch Share Programs by Region



North Pacific:
Halibut & Sablefish
Western Alaska CDQ
Bering Sea AFA Pollock Cooperative
Groundfish (non-Pollock) Cooperatives
Bering Sea King & Tanner Crab
Central Gulf of Alaska Rockfish

New England:
Multispecies Sector
General Category Sea Scallop



Pacific:
Pacific Sablefish Permit Stacking
Groundfish Trawl Rationalization

Mid-Atlantic:
Surf Clam & Ocean Quahog
Golden Tilefish

South Atlantic:
Wreckfish

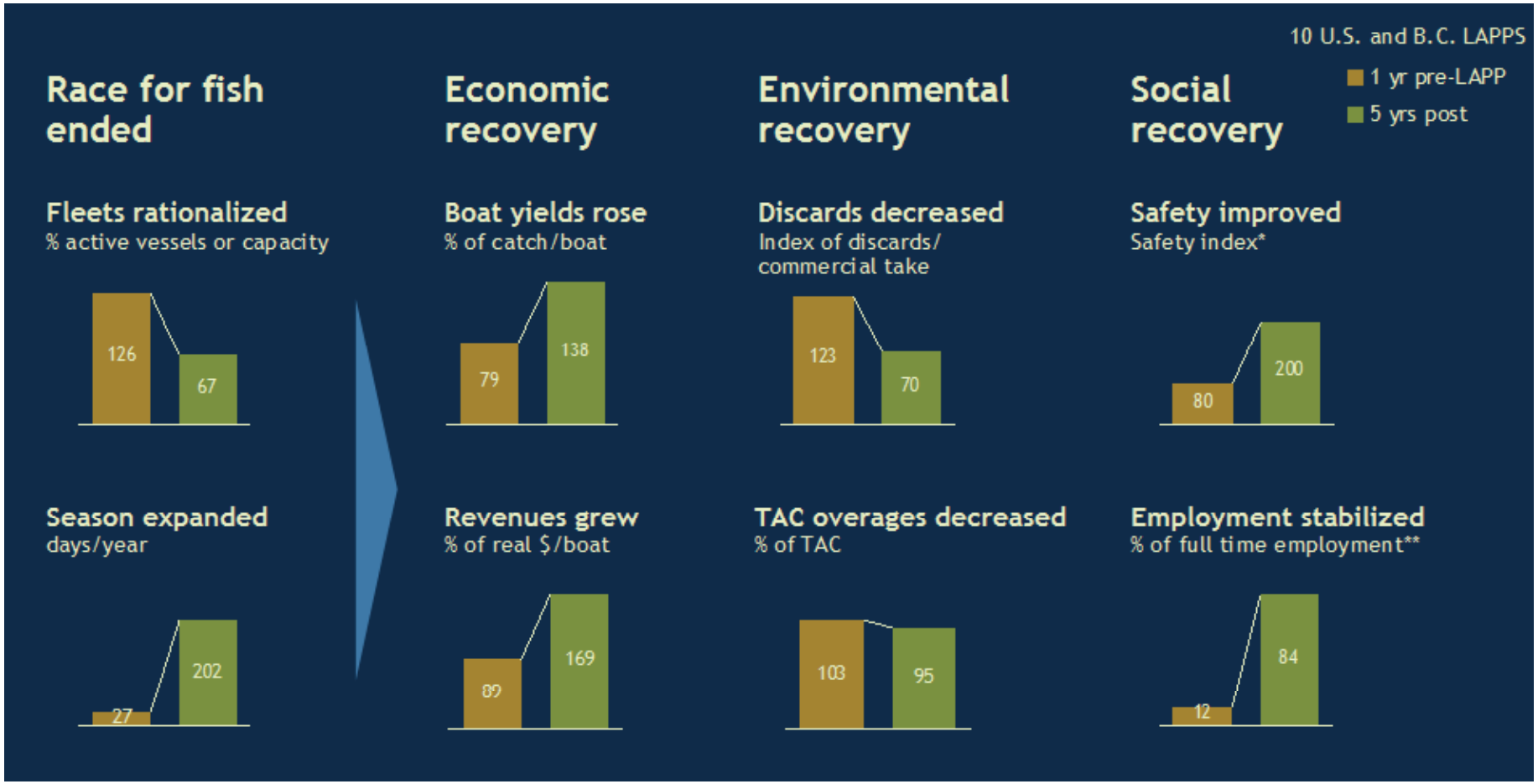
Western Pacific

Gulf of Mexico:
Red Snapper
Grouper/Tilefish

Caribbean:

May 2011

Results of Catch Shares



ASSESSING THE POTENTIAL FOR LAPPs IN U.S. FISHERIES
Redstone Strategy Group, LLC and Environmental Defense
March 26, 2007

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Percentage of ACLs not Exceeded

- New performance measure
- Based on comparison of total catch to ACL
- Beginning data collection and reporting in 2011
- Establishing new module within the Species Information System to hold ACL performance data

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Additional Domestic Fisheries Priorities

Adequacy of fishery data available for management –

- ACLs
- Catch shares
- Currently developing a plan of action

National Standard 10 (safety) guideline revision.

- New Coast Guard requirements
- Expected NTSB report
- Work on safety analysis methodologies by NIOSH.
- ANPR open for comment through July 20, 2011