

Florida Institute of Oceanography



A consortium of 21 public and private universities, colleges, institutions and agencies

The core mission of the FIO is service to our constituents in support of education, research, public outreach, and resources management.

Facilities

Research Vessel Suncoaster (102 ft.)

Research Vessel Bellows (71 ft.)

Keys Marine Laboratory

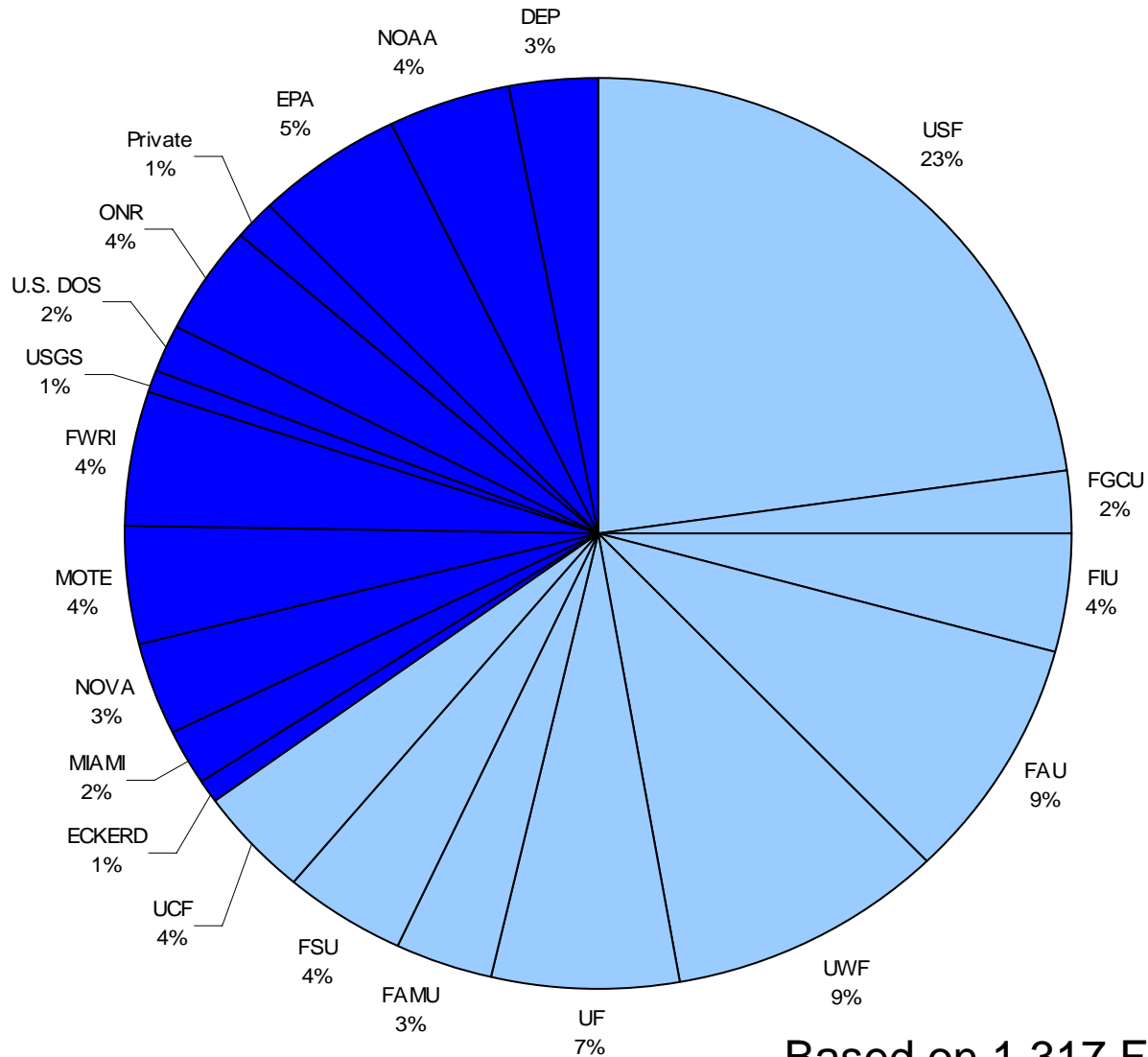
Administration and fund-raising

Inter-institutional grants and contracts

Projects serving constituent programs

State Allocated Budget: \$ 1.25 million

Current Ship Operations



Based on 1,317 Fleet Days;
FY 01/02 to FY 05/06

Florida Markets and Opportunities

- Expansion of university marine and environmental sciences programs
- Florida Oceans and Coastal Resources Council (\$ 8.1 million in Gov. budget)
 - Integrated Ocean Observing System (IOOS)
 - Harmful algal blooms
 - Improved fisheries assessments
- Public-private partnerships
- Gulf of Mexico Alliance

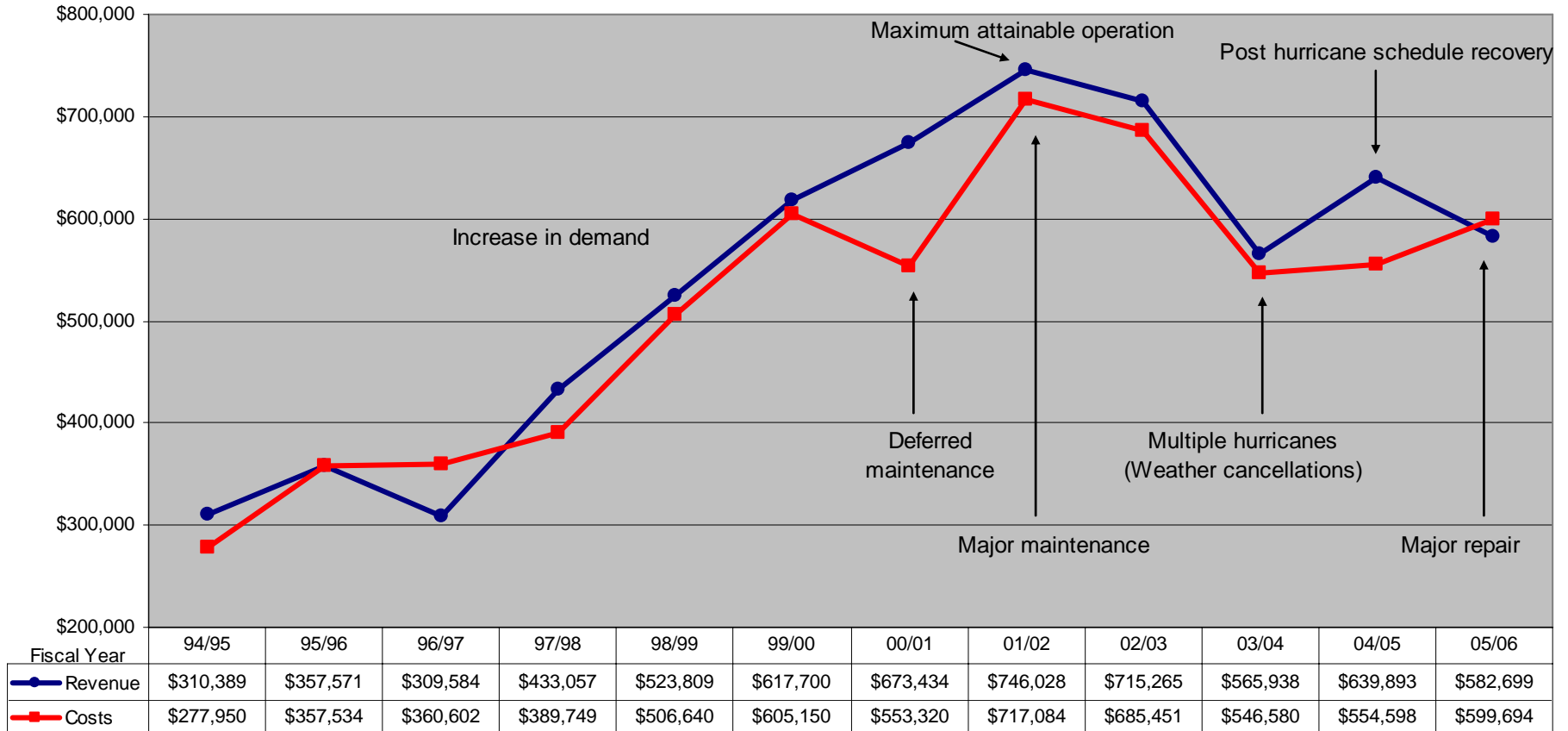
RV Suncoaster: Condition and Costs



- 40 years old; acquired by FIO in 1980
- Increasing Repair and Maintenance Costs
- Operational Limitations: economic and energy efficiency; technology; accommodations

RV Suncoaster Fiscal Operations

FY 94/95 to FY 05/06



Vessel Comparison

| | Suncoaster | New Ship |
|----------------------------|-------------------|-----------------|
| Length | 102 ft. | 125 ft. |
| Beam | 24 ft. | 32 ft. |
| Draft | 8 ft. | 8 ft. |
| Crew | 5 | 7 |
| Scientists/Students | 12 | 18 |
| Lab Space | 400 sf | 860 sf |
| Deck Space | 1000 sf | 3940 sf |
| Science Storage | 0 | 1650 sf |
| Net tons | 149 | 299 |

Annual Operational Cost Comparison FY 05/06

| | Suncoaster | New Ship |
|--------------------|-------------------|-------------------|
| Crew Salaries | \$ 314,842 (5) | \$ 435,500 (7) |
| Fuel and Food | 99,384 | 157,050 |
| Maintenance | 156,078 | 100,000 |
| Communications | 3,318 | 4,500 |
| Insurance | 12,493 | 20,000 |
| Tech. Support | 370 | 10,000 |
| Admin. Ovh'd (6%) | 13,209 | 43,623 |
| Total Costs | \$ 599,694 | \$ 770,693 |

Annual Revenue Comparison based on FY 05/06

| | Suncoaster | New Ship |
|---------------------------------|--------------------|-------------------|
| Annual days | 176 | 180 |
| Daily rate | \$ 3,300 | \$ 6,500 |
| Total Revenue | \$ 582,699 | \$ 1,170,000 |
| Net profit/loss before depr. | \$ (16,995) | \$ 399,327 |
| Depr. reserve | 0 | \$ 360,000 |
| Net profit/loss | \$ (16,995) | \$ 39,327 |

Budget

| | | |
|-------------------------------|-----------|----------------------|
| Architect Plan/Design | \$ | 1.5 million |
| Vessel Construction | | 9.7 |
| Outfitting | | 1.8 |
| Electronics | | 0.47 |
| Computer network | | 0.40 |
| Science Systems | | 0.87 |
| Construction Sub-total | \$ | 14.74 million |
| Crewing (4 FTE) | | 0.260 |
| Grand Total | \$ | 15.0 million |