SOUTHEAST FLORIDA
CHARTER/PARTY BOAT SURVEY
ARTIFICIAL AND NATURAL REEF USE

We are conducting a study of the economic value of both artificial and natural reef use in the saltwater areas off the counties of Palm Beach, Broward, Miami-Dade and Monroe Counties.

The study is being funded through a partnership with the State of Florida's Fish and Wildlife Conservation Commission, the four counties and the National Oceanic and Atmospheric Administration (NOAA).

Separate surveys of residents and non-residents of each county are being conducted. However, for those people who use charter/party/guide boat services, we have found that they do not know whether they have fished (and sometimes whether they had dived) on artificial or natural reefs.

As an experienced captain or guide that takes people out for fishing, diving or glass-bottom rides, we would like your assistance in more accurately estimating the proportion of use on artificial and natural reefs.

The attached information sheet explains the authorities to collect this information, how the information will be used, a statement of burden (estimate of how much time it will take you to complete the survey), who to contact if you have any questions about the information collection, and your participation and protections of the confidentiality of your information.

SECTION 1: KIND AND USE OF VESSEL/BOAT

1. How many vessels/boats do you own or operate to take out paying passengers?

   _____
   # boats

2. What is the length of each boat and how many passengers is each boat licensed to carry ?

	Length	Number of Passengers
Boat 1	_____	_____
Boat 2	_____	_____
Boat 3	_____	_____
Boat 4	_____	_____

3. How would you classify your activity? Check the category that best describes your operation. Charter = 6 or less passengers   Party = more than six passengers

__ Charter – Fish Only   __ Party – Fish Only
__ Charter – Dive Only   __ Party – Dive Only
__ Charter – Fish & Dive   __ Party – Fish & Dive
__ Glass-bottom boat   __ Other (specify) _____

4. From what ports/cities and counties do you launch your boat (s)? If more than three, give the top three.

Port/City   County
1. _____   _____
2. _____   _____
3. _____   _____

5. What percentage of your business is from <u>residents</u> of the county in which you mainly operate ? _____ (%) Please provide your best estimate.

SECTION 2: ARTIFICIAL AND NATURAL REEF USE

Here we need your best estimates of passenger-days, dives, and the proportion of your passenger days and dives that were spent on <u>artificial reefs</u> versus <u>natural reefs</u> versus <u>no reefs</u> for the latest year. Below we ask for the information by activity type (e.g., fishing, snorkeling, scuba diving, or glass-bottom boat rides) and by county (e.g., Palm Beach, Broward, Miami-Dade, and Monroe).

For fishing and glass bottom boats, we need your best estimate of the number of **passenger-days**. A passenger-day is defined as one passenger for any part of a day (half day or whole day). For snorkeling and scuba diving, we need to know both passenger-days and the number of dives.

For all activities, we need to know the percent of time spent on artificial reefs versus natural reefs versus not on reefs. The sum of the three percentages should sum to 100%.

6. Fishing Passenger-Days

__ check here if you did <u>NOT</u> operate your business for Recreational Fishing in any of the four counties and go to question 7. Snorkeling Passenger-Days.

COUNTY	Check if none	Total Passenger-Days	Percent of Passenger-Days			
			On Artificial Reefs	On Natural Reefs	Not on Reefs	Total
Palm Beach	_____	_____	_____	_____	_____	100%
Broward	_____	_____	_____	_____	_____	100%
Miami-Dade	_____	_____	_____	_____	_____	100%
Monroe	_____	_____	_____	_____	_____	100%

7. Snorkeling Passenger-Days

__ check here if you did NOT operate your business for Snorkeling in any of the four counties and go to question 9. Scuba Diving Passenger-Days.

COUNTY	Check if none	Total Passenger-Days	Percent of Passenger-Days			
			On Artificial Reefs	On Natural Reefs	Not on Reefs	Total
Palm Beach	_____	_____				100%
Broward	_____	_____				100%
Miami-Dade	_____	_____				100%
Monroe	_____	_____				100%

8. Snorkeling Dives

__ check here if you did NOT operate your business for Snorkeling in any of the four counties and go to question 9. Scuba Diving Passenger-Days.

COUNTY	Check if none	Total Passenger-Days	Percent of Dives			
			On Artificial Reefs	On Natural Reefs	Not on Reefs	Total
Palm Beach	_____	_____				100%
Broward	_____	_____				100%
Miami-Dade	_____	_____				100%
Monroe	_____	_____				100%

9. Scuba Diving Passenger-Days

__ check here if you did NOT operate your business for Scuba Diving in any of the four counties and go to question 11. Glass-Bottom Boat Rides.

COUNTY	Check if none	Total Passenger-Days	Percent of Passenger-Days			
			On Artificial Reefs	On Natural Reefs	Not on Reefs	Total
Palm Beach	_____	_____				100%
Broward	_____	_____				100%
Miami-Dade	_____	_____				100%
Monroe	_____	_____				100%

10. Scuba Diving – Dives

__ check here if you did <u>NOT</u> operate your business for Scuba Diving in any of the four counties and go to question 11. Glass-Bottom Boat Rides.

COUNTY	Check if none	Total Passenger-Days	Percent of Dives			
			On Artificial Reefs	On Natural Reefs	Not on Reefs	Total
Palm Beach	_____	_____	_____	_____	_____	100%
Broward	_____	_____	_____	_____	_____	100%
Miami-Dade	_____	_____	_____	_____	_____	100%
Monroe	_____	_____	_____	_____	_____	100%

11. Glass-bottom Boat Rides - Passenger-Days

__ check here if you did <u>NOT</u> operate your business for Glass-Bottom Boat Rides in any of the four counties and go to Section 3.

COUNTY	Check if none	Total Passenger-Days	Percent of Passenger-Days			
			On Artificial Reefs	On Natural Reefs	Not on Reefs	Total
Palm Beach	_____	_____	_____	_____	_____	100%
Broward	_____	_____	_____	_____	_____	100%
Miami-Dade	_____	_____	_____	_____	_____	100%
Monroe	_____	_____	_____	_____	_____	100%

SECTION 3: FOR Monroe County/Florida Keys ONLY

In July 1997, the Florida Keys National Marine Sanctuary established 18 Sanctuary Preservation Areas (SPAs) and one Ecological Reserve (Sambos Ecological Reserve, Western Sambos or ER). These areas are available for non-consumptive activities (e.g., snorkeling, scuba diving and glass-bottom boat rides). Generally, these are "no take areas", except there are a couple of exceptions for bait fishing by permit.

Here, please tell us the amount of use that you gave above that occurs on the SPAs and the Sambos Ecological Reserve. A map is enclosed that shows the SPAs and the Sambos Ecological Reserve and the four regions of the Florida Keys.

12.   Snorkeling – SPAs and ER

___ check here if no Snorkeling took place in the SPAs and the ER and go to question 13.

REGION	Check if none	Total Passenger-Days	Total Passenger-Dives
Upper Keys	___	_____	_____
Middle Keys	___	_____	_____
Lower Keys	___	_____	_____
Key West	___	_____	_____

13.   Scuba Diving – SPAs and ER

___ check here if no Scuba Diving took place in the SPAs and the ER and go to question 14.

REGION	Check if none	Total Passenger-Days	Total Passenger-Dives
Upper Keys	___	_____	_____
Middle Keys	___	_____	_____
Lower Keys	___	_____	_____
Key West	___	_____	_____

14.   Glass-bottom Boat Rides – SPAs and ER

___ check here if no Glass-bottom Boat Rides took place in the SPAs and the ER and go to Section 4.

REGION	Check if none	Total Passenger-Days	Total Passenger-Dives
Upper Keys	___	_____	_____
Middle Keys	___	_____	_____
Lower Keys	___	_____	_____
Key West	___	_____	_____

SECTION 4: IMPORTANCE AND SATISFACTION OF REEFS

For the following questions, would you please use the following 1-5 rating scales:

IMPORTANCE	Not at all Important	Not Very Important	Somewhat Important	Important	Very Important
	1	2	3	4	5

SATISFACTION	Not at all Satisfied	Not Very Satisfied	Somewhat Satisfied	Satisfied	Very Satisfied
	1	2	3	4	5

15. How important are the counties' artificial reef programs to your business?
_____ (Rating 1-5)

16. How satisfied are you with the counties' artificial reef program?
_____ (Rating 1-5)

17. How important are the natural reefs off South Florida to your business?
_____ (Rating 1-5)

18. How satisfied are you with the natural reefs off South Florida?
_____ (Rating 1-5)

19. How important are the Sanctuary Preservation Areas and the Ecological Reserve in the Florida Keys to your business? _____ (Rating 1-5)

20. How satisfied are you with the Sanctuary Preservation Areas and the Ecological Reserve in the Florida Keys? _____ (Rating 1-5)

THANK YOU VERY MUCH FOR YOUR PARTICIPATION

Please place your completed forms in the self-addressed envelope and mail.

If you have lost your self-addressed envelope, please mail to:

Grace Johns
Hazen and Sawyer
4000 Hollywood Boulevard, Ste. 750 N
Hollywood, Florida 33021

If you have any questions, please call Grace Johns at (954) 987-0066 or (954) 462-2709 or (305) 625-4101.

Florida Keys National Marine Sanctuary
Sanctuary Preservation Areas and Ecological Reserves

SPAsandERs

Sanctuaryboundary

Carysfort/SouthCarysfortReef

TheElbow

DryRocks
GrecianRocks

FrenchReef

HenandChickens

CheecaRocks

NewfoundHarborKey

WesternSambos

MolassesReef

ConchReef

DavisReef

LooeKey

SandKey

SombreroKey

RockKey

CoffinsPatch

EasternDryRocks

AlligatorReef