

# A Guide to Closed Areas for Commercial Spiny Lobster Trap Fishing



10/2/14









NOAA Fisheries Service and the Gulf and South Atlantic Fishery Management Councils have created closed areas to protect threatened staghorn and elkhorn coral (*Acropora* spp.) Prohibiting the use of lobster traps near these corals reduces their risk of damage due to trap movement caused mostly by storms.

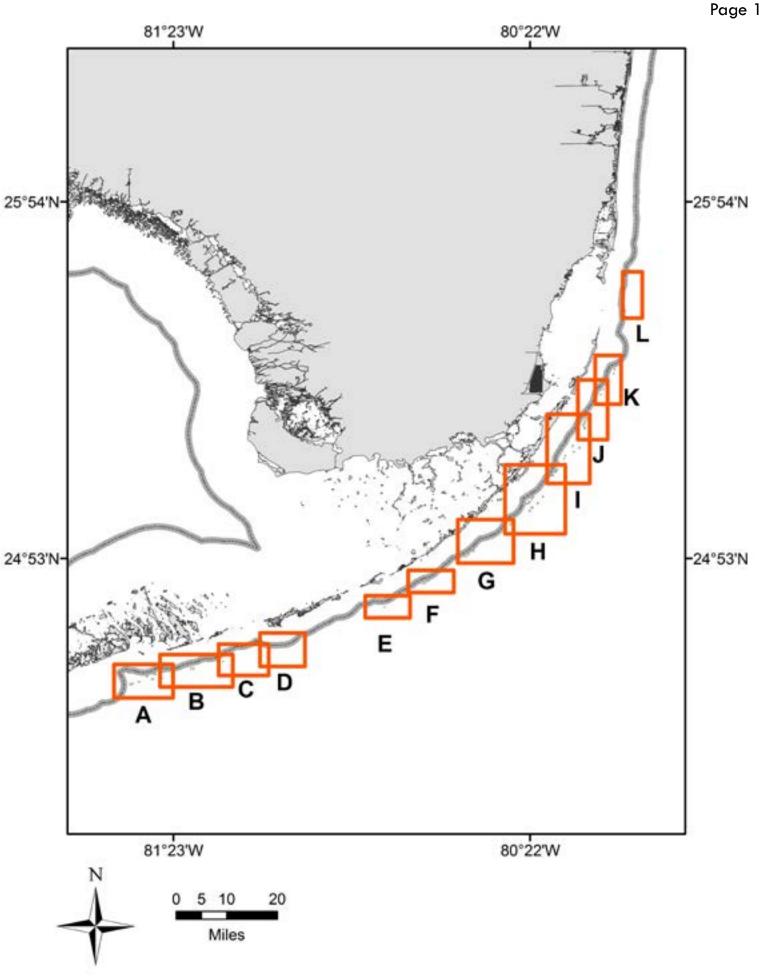
#### Why are these corals protected?

Staghorn and elkhorn corals are a food source and provide important habitat for many different fish and invertebrates including spiny lobster. Staghorn and elkhorn coral populations have been reduced by 90-95% since 1980.

The following maps show only coral areas and closures in federal waters because the Gulf and South Atlantic Councils' management area are limited to federal waters.



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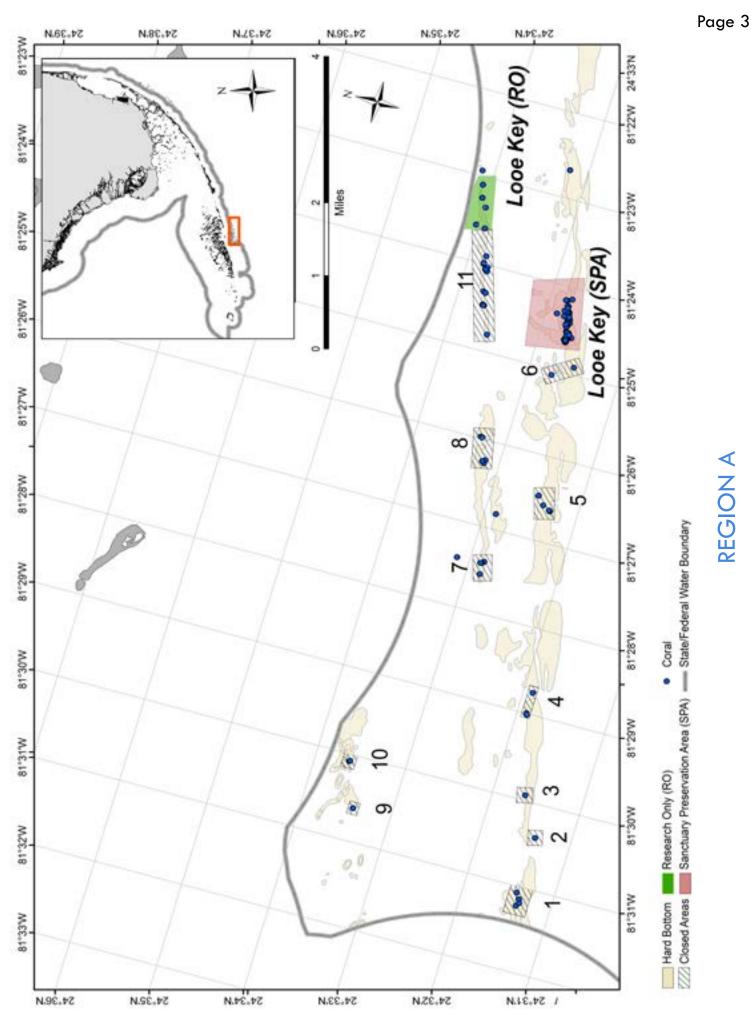


Important Note: Don't panic. The red boxes on this map are not the closures. They are a guide to the maps that follow.

#### **Region A Coordinates**

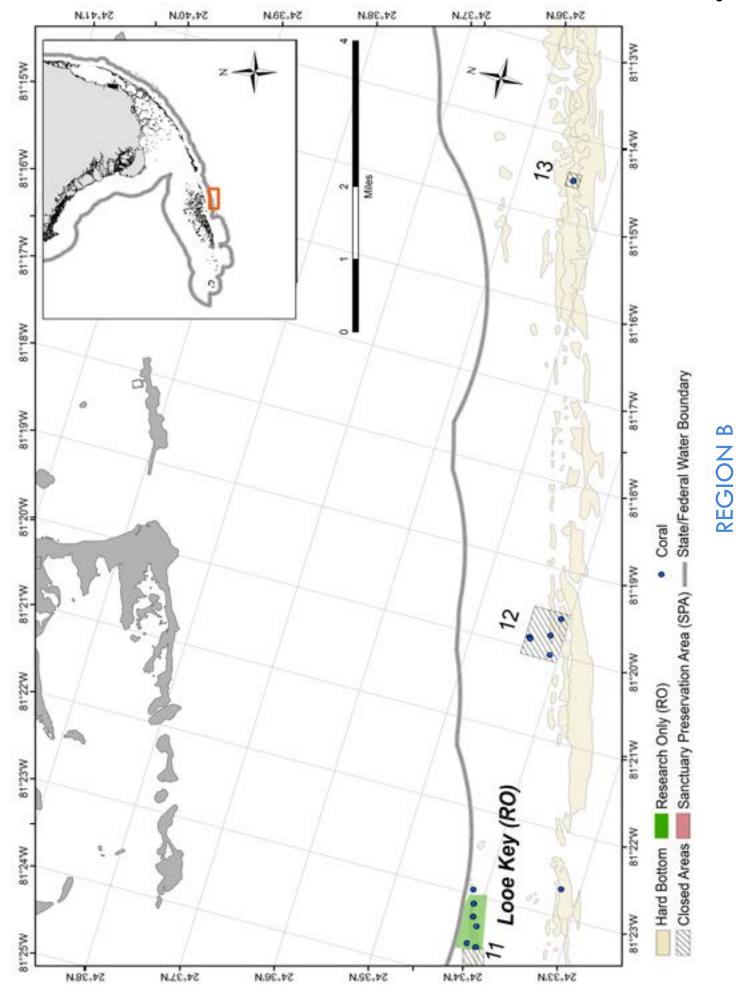
Area	Point	North Latitude	West Longitude
	Α	24°31'15.002"	81°31'00.000"
	В	24°31'15.002"	81°31'19.994"
1	О	24°31'29.999"	81°31′19.994″
	۵	24°31'29.999"	81°31'00.000"
	Α	24°31'15.002"	81°31'00.000"
	Α	24°31'20.205"	81°30′17.213″
	В	24°31′17.858″	81°30'27.700"
2	O	24°31′27.483″	81°30'30.204"
	D	24°31'29.831"	81°30'19.483"
	Α	24°31'20.205"	81°30'17.213"
	Α	24°31'42.665"	81°30'02.892"
	В	24°31'45.013"	81°29'52.093"
3	O	24°31'34.996"	81°29'49.745"
	D	24°31'32.335"	81°30'00.466"
	Α	24°31'42.665"	81°30'02.892"
	Α	24°31′50.996″	81°28'39.999"
	В	24°31′50.996″	81°29'03.002"
4	О	24°31′56.998″	81°29'03.002"
	۵	24°31′56.998″	81°28'39.999"
	Α	24°31′50.996″	81°28'39.999"
	Α	24°32'20.014"	81°26'20.390"
	В	24°32'13.999"	81°26'41.999"
5	C	24°32'27.004"	81°26'45.611"
	D	24°32'33.005"	81°26'23.995"
	Α	24°32'20.014"	81°26'20.390"

Area	Point	North Latitude	West Longitude
	Α	24°32'30.011"	81°24'47.000"
	В	24°32'23.790"	81°24'56.558"
6	С	24°32'45.997"	81°25'10.998"
	D	24°32'52.218"	81°25'01.433"
	Α	24°32'30.011"	81°24'47.000"
	Α	24°32'46.834"	81°27'17.615"
	В	24°32'41.835"	81°27'35.619"
7	С	24°32'54.003"	81°27'38.997"
	D	24°32'59.002"	81°27'21.000"
	Α	24°32'46.834"	81°27'17.615"
	Α	24°33'10.002"	81°25'50.995"
	В	24°33'04.000"	81°26'18.996"
8	С	24°33'17.253"	81°26'21.839"
	D	24°33'23.254"	81°25'53.838"
	Α	24°33'10.002"	81°25'50.995"
	Α	24°33'22.004"	81°30'31.998"
	В	24°33'22.004"	81°30'41.000"
9	С	24°33'29.008"	81°30'41.000"
	D	24°33'29.008"	81°30'31.998"
	Α	24°33'22.004"	81°30'31.998"
	Α	24°33'33.004"	81°30'00.000"
10	В	24°33'33.004"	81°30'09.998"
	С	24°33'41.999"	81°30'09.998"
	D	24°33'41.999"	81°30'00.000"
	Α	24°33'33.004"	81°30'00.000"
	Α	24°33'50.376"	81°23'35.039"
	В	24°33'27.003"	81°24'51.003"
11	С	24°33'40.008"	81°24'54.999"
	D	24°34'03.382"	81°23'39.035"
	A	24°33'50.376"	81°23'35.039"



### **Region B Coordinates**

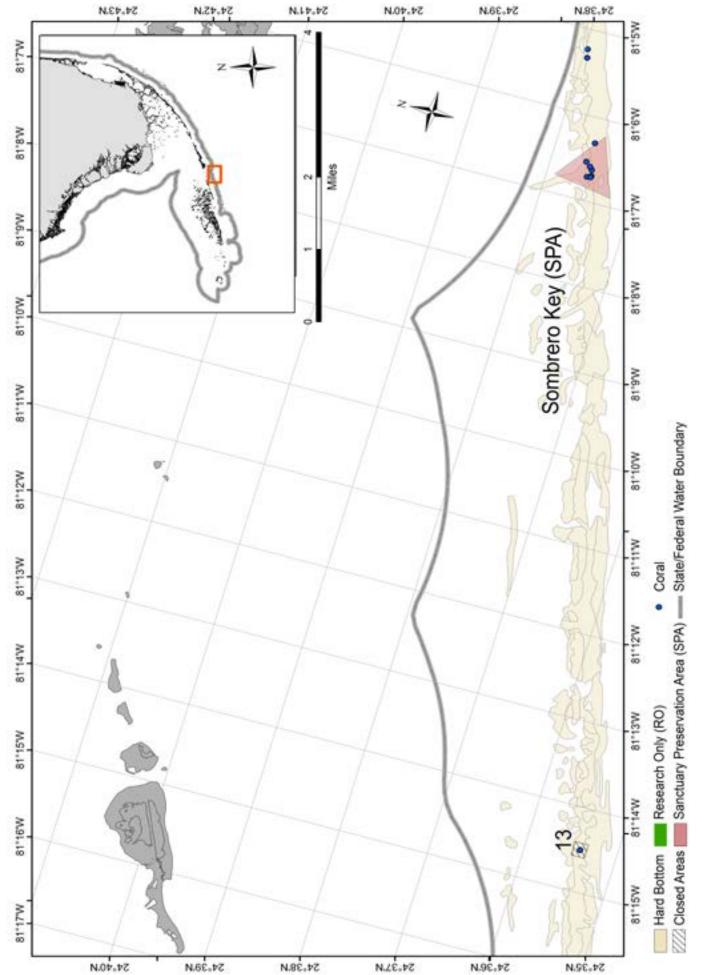
Area	Point	North Latitude	West Longitude
	Α	24°33'50.376"	81°23'35.039"
	В	24°33'27.003"	81°24'51.003"
11	С	24°33'40.008"	81°24'54.999"
	D	24°34'03.382"	81°23'39.035"
	Α	24°33'50.376"	81°23'35.039"
	Α	24°34'00.003"	81°19'29.996"
	В	24°34'00.003"	81°20'04.994"
12	С	24°34'24.997"	81°20'04.994"
	D	24°34'24.997"	81°19'29.996"
	Α	24°34'00.003"	81°19'29.996"
13	Α	24°35'19.997"	81°14'25.002"
	В	24°35'19.997"	81°14'34.999"
	С	24°35'29.006"	81°14'34.999"
	О	24°35'29.006"	81°14'25.002"
	Α	24°35'19.997"	81°14'25.002"



REGION C

### **Region C Coordinates**

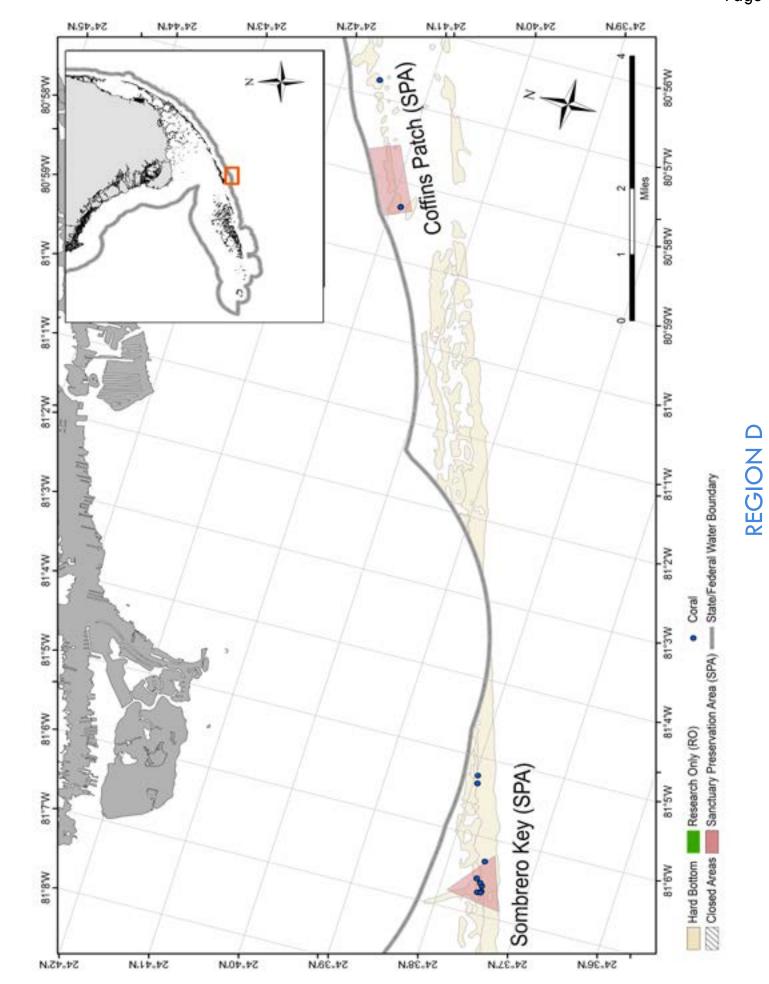
Area	Point	North Latitude	West Longitude
13	Α	24°35'19.997"	81°14'25.002"
	В	24°35′19.997″	81°14'34.999"
	0	24°35'29.006"	81°14'34.999"
	D	24°35′29.006″	81°14'25.002"
	Α	24°35'19.997"	81°14'25.002"



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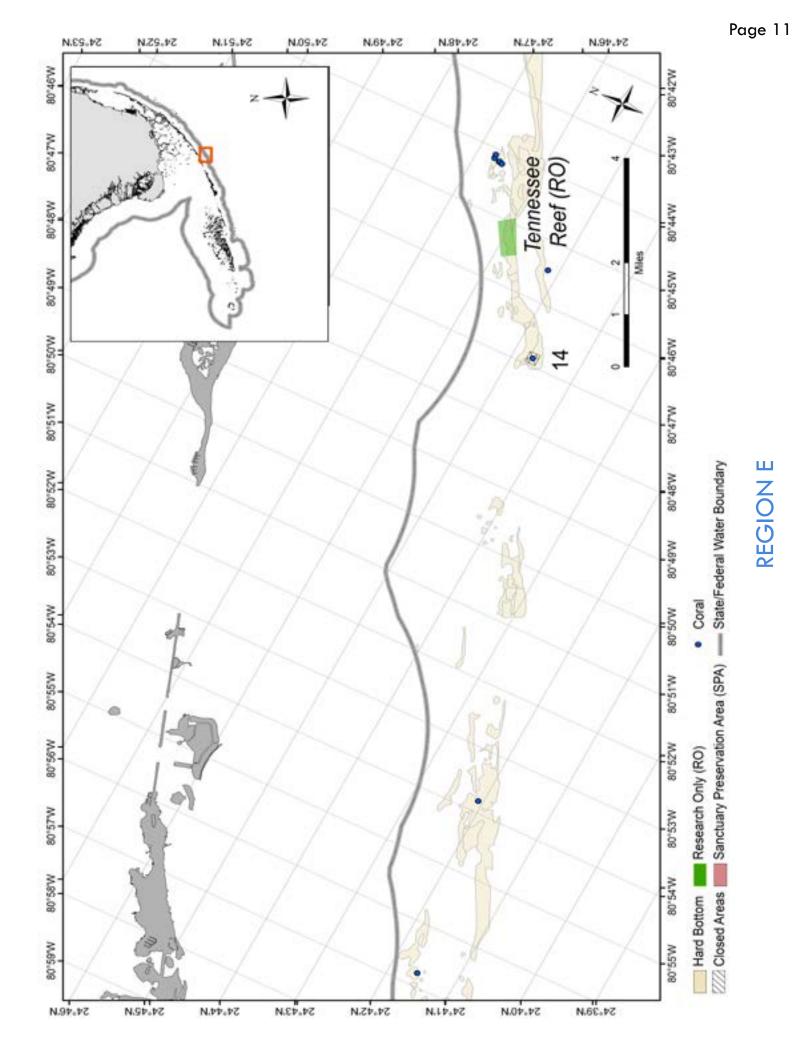
### Region D Coordinates

None



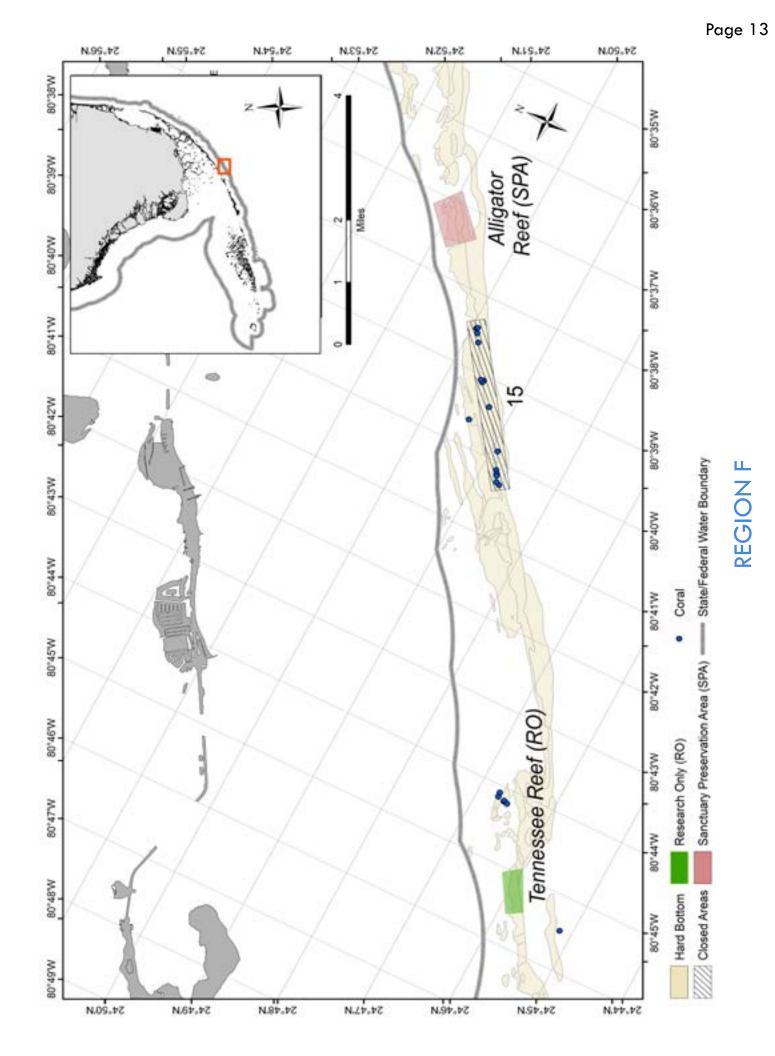
### **Region E Coordinates**

Area	Point	North Latitude	West Longitude
14	Α	24°44'37.004"	80°46'47.000"
	В	24°44'37.004"	80°46'58.000"
	O	24°44'47.002"	80°46'58.000"
	D	24°44'47.002"	80°46'47.000"
	Α	24°44'37.004"	80°46'47.000"



### **Region F Coordinates**

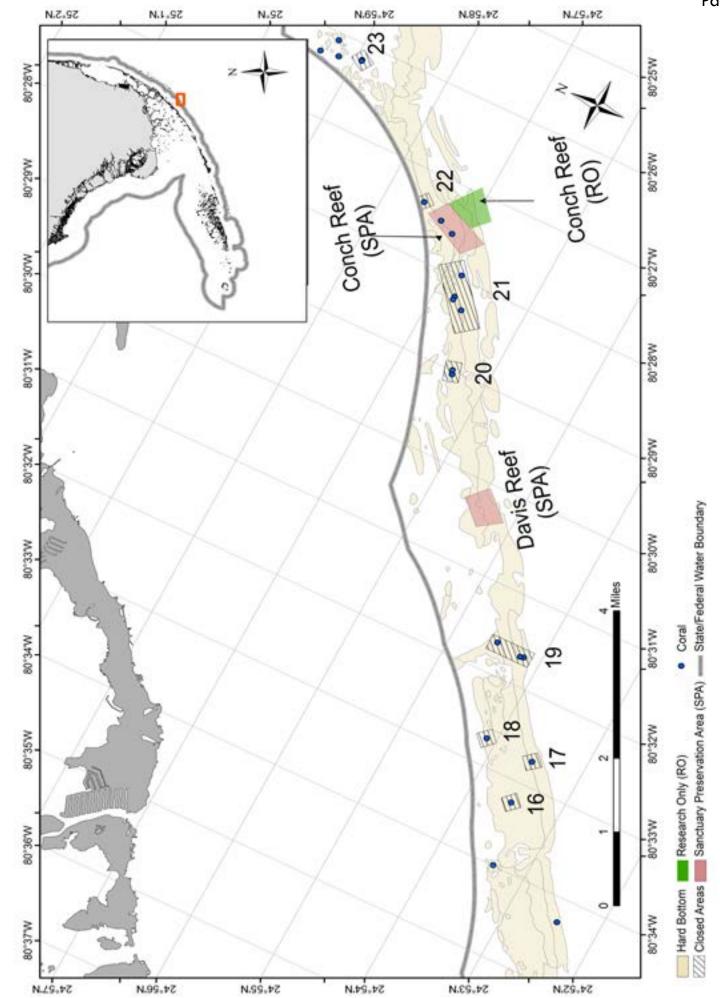
15	Α	24°49'53.946"	80°38'17.646"
	В	24°48'32.331"	80°40'15.530"
	С	24°48'44.389"	80°40'23.879"
	D	24°50'06.004"	80°38'26.003"
	Α	24°49'53.946"	80°38'17.646"



REGION G

### **Region G Coordinates**

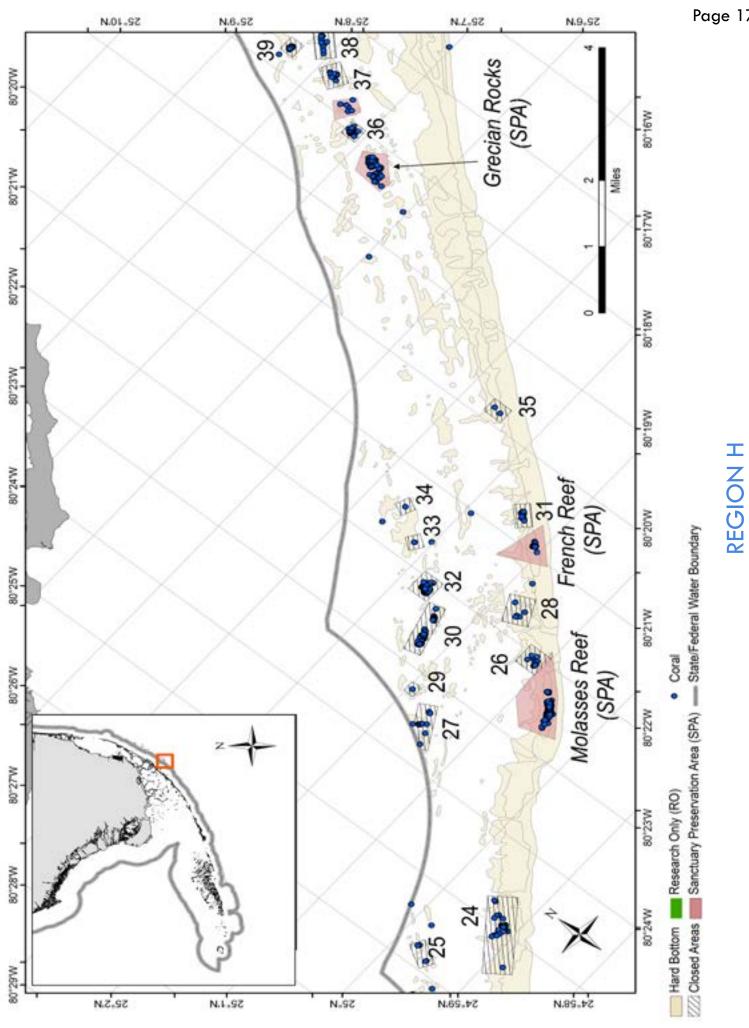
Area	Point	North Latitude	West Longitude
	Α	24°53'32.085"	80°33'22.065"
	В	24°53'38.992"	80°33'14.670"
16	С	24°53'31.673"	80°33'07.155"
	D	24°53'24.562"	80°33'14.886"
	Α	24°53'32.085"	80°33'22.065"
	Α	24°53'33.410"	80°32'50.247"
	В	24°53'40.149"	80°32'42.309"
17	С	24°53'32.418"	80°32'35.653"
	D	24°53'25.348"	80°32'43.302"
	Α	24°53'33.410"	80°32'50.247"
	Α	24°54'06.317"	80°32'34.115"
	В	24°53'59.368"	80°32'41.542"
18	O	24°54'06.667"	80°32'48.994"
	D	24°54'13.917"	80°32'41.238"
	Α	24°54'06.317"	80°32'34.115"
	Α	24°54'06.000"	80°31'33.995"
	В	24°54'06.000"	80°31'45.002"
19	С	24°54'36.006"	80°31'45.002"
	D	24°54'36.006"	80°31'33.995"
	Α	24°54'06.000"	80°31'33.995"
	Α	24°56'21.104"	80°28'52.331"
	В	24°56'17.012"	80°29'05.995"
20	С	24°56'26.996"	80°29'08.996"
	D	24°56'31.102"	80°28'55.325"
	Α	24°56'21.104"	80°28'52.331"
	Α	24°56'53.006"	80°27'46.997"
	В	24°56'21.887"	80°28'25.367"
21	0	24°56'35.002"	80°28'36.003"
	D	24°57'06.107"	80°27'57.626"
	Α	24°56'53.006"	80°27'46.997"
22	Α	24°57'35.001"	80°27'14.999"
	В	24°57'28.011"	80°27'21.000"
	С	24°57'33.999"	80°27'27.997"
	D	24°57'40.200"	80°27'21.106"
	Α	24°57'35.001"	80°27'14.999"
23	Α	24°58'58.154"	80°26'03.911"
	В	24°58'48.005"	80°26'10.001"
	С	24°58'52.853"	80°26'18.090"
	D	24°59'03.002"	80°26'11.999"
	Α	24°58'58.154"	80°26'03.911"



### **Region H Coordinates**

B	Area	Point	North Latitude	West Longitude
24 C 24°58′57.591″ 80°25′34.18 D 24°59′33.598″ 80°24′45.18 A 24°59′17.009″ 80°24′32.99 A 24°59′27.007″ 80°25′48.99 B 24°59′27.007″ 80°25′48.99 E 24°59′32.665″ 80°25′58.61 D 24°59′49.666″ 80°25′38.99 A 25°01′00.006″ 80°25′38.99 A 25°01′00.006″ 80°22′11.99 D 25°01′18.010″ 80°22′11.99 D 25°01′18.010″ 80°22′11.99 D 25°01′18.010″ 80°23′125.00 A 25°01′00.006″ 80°23′12.99 B 25°01′34.997″ 80°23′12.99 B 25°01′34.997″ 80°23′12.99 A 25°01′34.997″ 80°23′12.99 A 25°01′34.997″ 80°23′12.99 A 25°01′38.4997″ 80°23′12.99 A 25°01′38.005″ 80°21′25.99 A 25°01′53.001″ 80°23′17.99 D 25°02′01.008″ 80°23′17.99 D 25°02′01.008″ 80°23′17.99 A 25°02′20.000″ 80°22′11.00 B 25°02′20.000″ 80°22′11.00 B 25°02′20.000″ 80°22′50.00 A 25°02′22.252″ 80°22′53.14 D 25°02′22.252″ 80°22′53.14 D 25°02′29.503″ 80°22′14.13 A 25°02′29.503″ 80°22′14.00		Α	24°59'17.009"	80°24'32.999"
D 24°59°33.598° 80°24′45.18 A 24°59°17.009° 80°24′32.99 A 24°59°17.007° 80°25′38.99 B 24°59°27.007° 80°25′48.99 C 24°59°32.665° 80°25′58.61° D 24°59′49.666° 80°25′48.61° A 24°59′44.008° 80°25′38.99 A 25°01′00.006° 80°21′55.00° B 25°01′18.010° 80°21′155.00° A 25°01′18.010° 80°21′155.00° C 25°01′18.010° 80°23′12.99 B 25°01′18.010° 80°23′12.99 B 25°01′18.010° 80°23′14.00° C 25°01′34.997° 80°23′12.99 A 25°01′34.997° 80°23′12.99 A 25°01′38.005° 80°21′25.99 B 25°01′38.005° 80°21′25.99 B 25°01′45.009° 80°21′55.99 C 25°01′53.001° 80°23′17.99 C 25°01′53.001° 80°23′17.99 D 25°02′01.008° 80°23′17.99 D 25°02′20.000° 80°22′11.00 B 25°02′20.000° 80°22′14.13 A 25°02′20.000° 80°22′14.13 A 25°02′20.000° 80°22′14.13 A 25°02′20.000° 80°22′14.13 A 25°02′20.000° 80°22′14.13		В	24°58'41.001"	80°25'21.998"
A 24°59°17.009° 80°24°32.99 A 24°59°44.008° 80°25°38.99 B 24°59°27.007° 80°25′48.99 C 24°59°32.665° 80°25′38.99 A 24°59°44.008° 80°25′38.99 A 25°01°00.006° 80°25′38.99 A 25°01°18.010° 80°22′11.99 D 25°01′18.010° 80°22′11.99 D 25°01′18.010° 80°22′11.99 B 25°01′00.006° 80°22′11.99 C 25°01′18.010° 80°22′11.99 B 25°01′18.010° 80°23′12.99 B 25°01′34.997° 80°23′12.99 B 25°01′36.713° 80°23′37.66 E 25°01′36.713° 80°23′37.66 E 25°01′36.971° 80°23′12.99 A 25°01′38.005° 80°21′25.99 B 25°01′36.53° 80°21′25.99 C 25°01′38.005° 80°21′25.99 D 25°01′38.005° 80°21′25.99 D 25°01′36.001° 80°23′17.99 C 25°01′36.001° 80°23′17.99 D 25°01′53.001° 80°23′17.99 D 25°02′01.008° 80°23′17.99	24	С	24°58′57.591″	80°25'34.186"
A 24°59'44.008" 80°25'38.99 B 24°59'27.007" 80°25'48.99 C 24°59'32.665" 80°25'58.61' D 24°59'49.666" 80°25'48.61' A 24°59'44.008" 80°25'38.99 A 25°01'00.006" 80°21'55.00 B 25°01'18.010" 80°22'11.99 D 25°01'18.010" 80°22'11.99 D 25°01'18.010" 80°22'12.99 B 25°01'34.997" 80°23'12.99 B 25°01'34.997" 80°23'12.99 B 25°01'36.713" 80°23'37.66 E 25°01'34.997" 80°23'12.99 A 25°01'38.005" 80°23'12.99 B 25°01'38.005" 80°21'55.90 B 25°01'38.005" 80°21'53.99 D 25°01'38.005" 80°21'46.15 C 25°01'45.009" 80°21'46.15 C 25°01'45.009" 80°23'17.99 D 25°01'53.001" 80°23'08.99 A 25°02'01.008" 80°22'11.00 B 25°02'10.003" 80°22'11.00 B 25°02'22.252" 80°22'53.14 D 25°02'22.252" 80°22'53.14 D 25°02'22.250" 80°22'14.13 A 25°02'29.503" 80°22'14.10		D	24°59'33.598"	80°24'45.187"
B		Α	24°59'17.009"	80°24'32.999"
25 C 24°59'32.665" 80°25'38.61 D 24°59'49.666" 80°25'48.61 A 24°59'44.008" 80°25'38.99 A 25°01'00.006" 80°22'11.99 D 25°01'18.010" 80°22'11.99 D 25°01'18.010" 80°22'155.00 A 25°01'00.006" 80°21'55.00 A 25°01'34.997" 80°23'12.99 B 25°01'18.010" 80°23'44.00 C 25°01'36.713" 80°23'37.66 E 25°01'36.713" 80°23'37.66 E 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'13.39 A 25°01'34.997" 80°23'12.99 C 25°01'34.997" 80°23'12.99 A 25°01'38.005" 80°21'25.99 B 25°01'38.005" 80°21'33.83 A 25°01'38.005" 80°21'33.83 A 25°01'38.005" 80°21'33.83 A 25°01'38.005" 80°21'33.99 D 25°01'54.553" 80°21'25.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.13		Α	24°59'44.008"	80°25'38.999"
D 24°59'49.666" 80°25'48.61  A 24°59'44.008" 80°25'38.99  A 25°01'00.006" 80°21'55.00  B 25°01'18.010" 80°22'11.99  D 25°01'18.010" 80°21'55.00  A 25°01'00.006" 80°21'55.00  A 25°01'00.006" 80°21'55.00  A 25°01'00.006" 80°21'55.00  A 25°01'34.997" 80°23'12.99  B 25°01'18.010" 80°23'44.00  C 25°01'22.493" 80°23'46.47  D 25°01'36.713" 80°23'37.66  E 25°01'46.657" 80°23'19.39  A 25°01'34.997" 80°23'12.99  A 25°01'38.005" 80°21'25.99  B 25°01'45.009" 80°21'46.15  C 25°01'45.553" 80°21'33.83  A 25°01'38.005" 80°21'25.99  B 25°01'53.001" 80°23'17.99  D 25°01'53.001" 80°23'17.99  D 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'17.99  A 25°01'53.001" 80°23'17.99  D 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'18.99  A 25°01'53.001" 80°23'08.99  A 25°01'53.001" 80°23'08.99  A 25°02'20.000" 80°22'11.00  B 25°02'20.000" 80°22'11.00  A 25°02'20.000" 80°22'14.13  A 25°02'20.000" 80°22'14.13		В	24°59'27.007"	80°25'48.997"
A 24°59'44.008" 80°25'38.99  A 25°01'00.006" 80°21'55.00  B 25°01'18.010" 80°22'11.99  D 25°01'18.010" 80°21'55.00  A 25°01'00.006" 80°21'55.00  A 25°01'00.006" 80°21'55.00  A 25°01'00.006" 80°21'55.00  A 25°01'34.997" 80°23'12.99  B 25°01'18.010" 80°23'44.00  C 25°01'22.493" 80°23'46.47  D 25°01'36.713" 80°23'37.66  E 25°01'34.997" 80°23'12.99  A 25°01'38.005" 80°23'12.99  A 25°01'38.005" 80°21'46.15  28 C 25°01'45.009" 80°21'46.15  A 25°01'38.005" 80°21'46.15  A 25°01'38.005" 80°21'33.83  A 25°01'38.005" 80°21'33.83  A 25°01'38.005" 80°21'25.99  B 25°01'53.001" 80°23'08.99  B 25°01'53.001" 80°23'08.99  A 25°02'01.008" 80°23'08.99  A 25°02'20.000" 80°22'11.00  B 25°02'20.000" 80°22'11.00  A 25°02'20.000" 80°22'11.00  A 25°02'20.000" 80°22'11.00	25	O	24°59'32.665"	80°25'58.610"
A 25°01'00.006" 80°21'55.00 B 25°01'00.006" 80°22'11.99 C 25°01'18.010" 80°22'11.99 D 25°01'18.010" 80°21'55.00 A 25°01'00.006" 80°21'55.00 A 25°01'34.997" 80°23'12.99 B 25°01'18.010" 80°23'44.00 C 25°01'22.493" 80°23'37.66 E 25°01'36.713" 80°23'37.66 E 25°01'36.713" 80°23'37.66 E 25°01'34.997" 80°23'12.99 A 25°01'38.005" 80°23'12.99 A 25°01'38.005" 80°21'25.99 B 25°01'45.009" 80°21'46.15 C 25°01'45.009" 80°21'46.15 A 25°01'38.005" 80°21'25.99 D 25°01'53.001" 80°23'17.99 C 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.00 A 25°02'20.000" 80°22'11.00		D	24°59'49.666"	80°25'48.612"
B 25°01'00.006" 80°22'11.99 C 25°01'18.010" 80°22'11.99 D 25°01'18.010" 80°21'55.00 A 25°01'00.006" 80°21'55.00 A 25°01'34.997" 80°23'12.99 B 25°01'18.010" 80°23'44.00 C 25°01'22.493" 80°23'46.47 D 25°01'36.713" 80°23'37.66 E 25°01'46.657" 80°23'12.99 A 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 B 25°01'34.997" 80°23'12.99 C 25°01'34.005" 80°21'25.99 B 25°01'45.009" 80°21'46.15 C 25°01'45.009" 80°21'25.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'25.99 D 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.13		Α	24°59'44.008"	80°25'38.999"
26 C 25°01'18.010" 80°22'11.99 D 25°01'18.010" 80°21'55.00 A 25°01'00.006" 80°21'55.00 A 25°01'34.997" 80°23'12.99 B 25°01'18.010" 80°23'44.00 C 25°01'22.493" 80°23'37.66 E 25°01'36.713" 80°23'37.66 E 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 A 25°01'38.005" 80°21'25.99 B 25°01'28.461" 80°21'46.15 C 25°01'38.005" 80°21'25.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'25.99 D 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13		Α	25°01'00.006"	80°21'55.002"
D 25°01'18.010" 80°21'55.00 A 25°01'00.006" 80°21'55.00 A 25°01'34.997" 80°23'12.99 B 25°01'18.010" 80°23'44.00 C 25°01'22.493" 80°23'37.66 E 25°01'36.713" 80°23'37.66 E 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 B 25°01'38.005" 80°21'25.99 B 25°01'45.009" 80°21'46.15 C 25°01'45.009" 80°21'33.83 A 25°01'38.005" 80°21'25.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'25.99 D 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.13		В	25°01'00.006"	80°22'11.996"
A 25°01'00.006" 80°21'55.00  A 25°01'34.997" 80°23'12.99  B 25°01'18.010" 80°23'44.00  C 25°01'22.493" 80°23'37.66  E 25°01'36.713" 80°23'19.39  A 25°01'34.997" 80°23'12.99  A 25°01'38.005" 80°21'25.99  B 25°01'45.009" 80°21'46.15  C 25°01'45.009" 80°21'46.15  A 25°01'38.005" 80°21'25.99  D 25°01'54.553" 80°21'25.99  A 25°01'38.005" 80°21'25.99  A 25°01'38.005" 80°21'25.99  A 25°01'53.001" 80°23'17.99  D 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'17.99  A 25°01'53.001" 80°23'17.99  D 25°02'01.008" 80°23'17.99  A 25°02'01.008" 80°23'18.99  A 25°02'01.008" 80°23'18.99  A 25°02'20.000" 80°22'11.00  B 25°02'22.252" 80°22'53.14  D 25°02'22.252" 80°22'53.14  A 25°02'20.000" 80°22'11.00  A 25°02'29.503" 80°22'11.00	26	O	25°01'18.010"	80°22'11.996"
A 25°01'34.997" 80°23'12.99 B 25°01'18.010" 80°23'44.00 C 25°01'22.493" 80°23'46.47 D 25°01'36.713" 80°23'37.66 E 25°01'34.997" 80°23'12.99 A 25°01'34.997" 80°23'12.99 B 25°01'38.005" 80°21'25.99 B 25°01'45.009" 80°21'46.15 C 25°01'45.009" 80°21'53.99 D 25°01'54.553" 80°21'25.99 A 25°01'38.005" 80°21'25.99 B 25°01'53.001" 80°23'17.99 C 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.00		۵	25°01'18.010"	80°21'55.002"
B 25°01'18.010" 80°23'44.00 C 25°01'22.493" 80°23'46.47 D 25°01'36.713" 80°23'37.66 E 25°01'46.657" 80°23'19.39 A 25°01'34.997" 80°23'12.99 B 25°01'38.005" 80°21'25.99 B 25°01'45.009" 80°21'53.99 D 25°01'54.553" 80°21'53.99 D 25°01'54.553" 80°21'25.99 A 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'22.252" 80°22'53.14 D 25°02'22.250" 80°22'14.13 A 25°02'29.503" 80°22'11.00 A 25°02'29.503" 80°22'11.00		Α	25°01'00.006"	80°21'55.002"
27 C 25°01'22.493" 80°23'46.47 D 25°01'36.713" 80°23'37.66 E 25°01'46.657" 80°23'19.39 A 25°01'38.005" 80°21'25.99 B 25°01'28.461" 80°21'46.15 C 25°01'34.553" 80°21'53.99 D 25°01'54.553" 80°21'53.99 D 25°01'54.553" 80°21'25.99 A 25°01'38.005" 80°21'25.99 B 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'14.13 A 25°02'29.503" 80°22'11.00 A 25°02'29.503" 80°22'11.00		Α	25°01'34.997"	80°23'12.998"
D 25°01'36.713" 80°23'37.66 E 25°01'46.657" 80°23'19.39 A 25°01'34.997" 80°23'12.99 B 25°01'28.461" 80°21'25.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'33.83 A 25°01'38.005" 80°21'33.83 A 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°22'11.00		В	25°01'18.010"	80°23'44.000"
E 25°01'46.657" 80°23'19.39 A 25°01'34.997" 80°23'12.99 A 25°01'38.005" 80°21'25.99 B 25°01'28.461" 80°21'46.15 C 25°01'45.009" 80°21'53.99 D 25°01'54.553" 80°21'25.99 A 25°01'38.005" 80°21'25.99 A 25°01'38.005" 80°21'25.99 A 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 C 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°22'14.13 A 25°02'29.503" 80°22'11.00	27	С	25°01'22.493"	80°23'46.473"
A 25°01'34.997" 80°23'12.99  A 25°01'38.005" 80°21'25.99  B 25°01'28.461" 80°21'46.15  C 25°01'45.009" 80°21'53.99  D 25°01'54.553" 80°21'33.83  A 25°01'38.005" 80°21'25.99  A 25°01'53.001" 80°23'08.99  B 25°01'53.001" 80°23'17.99  D 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'17.99  A 25°01'53.001" 80°23'17.99  D 25°02'01.008" 80°23'17.99  A 25°02'20.000" 80°22'11.00  B 25°02'20.000" 80°22'11.00  B 25°02'20.000" 80°22'11.00  A 25°02'22.252" 80°22'53.14  D 25°02'20.000" 80°22'11.00  A 25°02'29.503" 80°22'11.00	-′	D	25°01'36.713"	80°23'37.665"
A 25°01'38.005" 80°21'25.99 B 25°01'28.461" 80°21'46.15 C 25°01'45.009" 80°21'53.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'25.99 A 25°01'53.001" 80°23'08.99 B 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 C 25°02'01.008" 80°23'17.99 A 25°02'20.000" 80°22'11.00 B 25°02'10.003" 80°22'50.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'11.00		E	25°01'46.657"	80°23'19.390"
B 25°01'28.461" 80°21'46.15 C 25°01'45.009" 80°21'53.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'25.99 A 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 D 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 A 25°02'01.008" 80°23'17.99 A 25°02'01.008" 80°23'17.99 C 25°02'01.008" 80°23'17.99 A 25°02'01.008" 80°23'08.99 A 25°02'01.000" 80°22'11.00 B 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°22'11.00		Α	25°01'34.997"	80°23'12.998"
28 C 25°01'45.009" 80°21'53.99 D 25°01'54.553" 80°21'33.83 A 25°01'38.005" 80°21'25.99 A 25°01'53.001" 80°23'08.99 B 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'17.99 A 25°01'53.001" 80°23'17.99 A 25°02'01.008" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'10.003" 80°22'11.00 B 25°02'10.003" 80°22'53.14 D 25°02'32.252" 80°22'53.14 A 25°02'20.000" 80°22'11.00 A 25°02'20.000" 80°22'11.00		Α		80°21'25.998"
D 25°01'54.553" 80°21'33.83  A 25°01'38.005" 80°21'25.99  A 25°01'53.001" 80°23'08.99  B 25°01'53.001" 80°23'17.99  C 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'08.99  A 25°01'53.001" 80°23'08.99  A 25°02'20.000" 80°22'11.00  B 25°02'10.003" 80°22'50.00  C 25°02'22.252" 80°22'53.14  D 25°02'32.250" 80°22'11.00  A 25°02'29.503" 80°22'11.00  A 25°02'29.503" 80°22'11.00				80°21'46.158"
A 25°01'38.005" 80°21'25.99  A 25°01'53.001" 80°23'08.99  B 25°01'53.001" 80°23'17.99  C 25°02'01.008" 80°23'17.99  D 25°02'01.008" 80°23'08.99  A 25°01'53.001" 80°23'08.99  A 25°02'20.000" 80°22'11.00  B 25°02'10.003" 80°22'50.00  C 25°02'22.252" 80°22'53.14  D 25°02'32.250" 80°22'14.13  A 25°02'20.000" 80°22'11.00  A 25°02'29.503" 80°22'11.00	28			80°21'53.999"
A 25°01'53.001" 80°23'08.99 B 25°01'53.001" 80°23'17.99 C 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'10.003" 80°22'50.00 C 25°02'22.252" 80°22'53.14 D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50		D	25°01′54.553″	80°21'33.839"
B 25°01'53.001" 80°23'17.99 C 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'10.003" 80°22'50.00 C 25°02'22.252" 80°22'53.14 D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50		Α		80°21'25.998"
29 C 25°02'01.008" 80°23'17.99 D 25°02'01.008" 80°23'08.99 A 25°01'53.001" 80°23'08.99 A 25°02'20.000" 80°22'11.00 B 25°02'10.003" 80°22'50.00 C 25°02'22.252" 80°22'53.14 D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50				80°23'08.995"
D 25°02'01.008" 80°23'08.99  A 25°01'53.001" 80°23'08.99  A 25°02'20.000" 80°22'11.00  B 25°02'10.003" 80°22'50.00  C 25°02'22.252" 80°22'53.14  D 25°02'32.250" 80°22'14.13  A 25°02'20.000" 80°22'11.00  A 25°02'29.503" 80°20'30.50		В		80°23'17.997"
A 25°01'53.001" 80°23'08.99  A 25°02'20.000" 80°22'11.00  B 25°02'10.003" 80°22'50.00  C 25°02'22.252" 80°22'53.14  D 25°02'32.250" 80°22'14.13  A 25°02'20.000" 80°22'11.00  A 25°02'29.503" 80°20'30.50	29			80°23'17.997"
A 25°02'20.000" 80°22'11.00 B 25°02'10.003" 80°22'50.00 C 25°02'22.252" 80°22'53.14 D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50				80°23'08.995"
B 25°02'10.003" 80°22'50.00 C 25°02'22.252" 80°22'53.14 D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50				80°23'08.995"
30 C 25°02'22.252" 80°22'53.14 D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50	30			80°22'11.001"
D 25°02'32.250" 80°22'14.13 A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50				80°22'50.002"
A 25°02'20.000" 80°22'11.00 A 25°02'29.503" 80°20'30.50				80°22'53.140"
A 25°02'29.503" 80°20'30.50				80°22'14.138"
		Α		80°22'11.001"
				80°20'30.503"
				80°20'43.501"
	31	_		80°20'52.002"
				80°20'38.997"
A 25°02'29.503" 80°20'30.50		Α	25°02'29.503"	80°20'30.503"

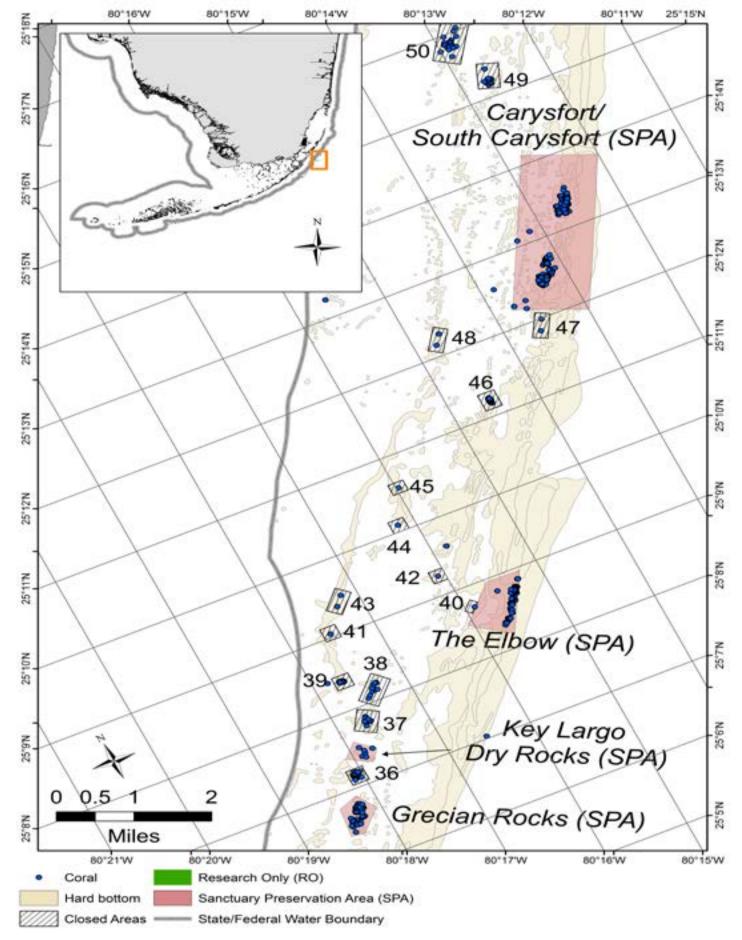
Area	Point	North Latitude	West Longitude
	Α	25°02'34.008"	80°21'57.000°
	В	25°02'34.008"	80°22'14.997"
32	С	25°02'50.007"	80°22'14.997"
3	D	25°02'50.007"	80°21'57.000"
1	Α	25°02'34.008"	80°21'57.000"
	Α	25°03'11.294"	80°21'36.864"
3	В	25°03'02.540"	80°21'43.143"
33	С	25°03'08.999"	80°21'51.994"
	D	25°03'17.446"	80°21'45,554"
	Α	25°03'11.294"	80°21'36.864"
	Α	25°03'30.196"	80°21'34.263"
ij	В	25°03'39.267"	80°21'29.506"
34	С	25°03'35.334"	80°21'19.801"
	D	25°03'26.200"	80°21'24.304"
Ĭ	Α	25°03'30.196"	80°21'34.263"
	Α	25°03'26.001"	80°19'43.001"
9	В	25°03'26.001"	80°19'54.997"
	С	25°03'41.011"	80°19'54.997"
35	D	25°03'41.011"	80°19'43.001"
9	Α	25°03'26.001"	80°19'43.001"
- 3			
- 0	Α	25°07'03.008"	80°17'57.999"
- 8	В	25°07'03.008"	80°18'10.002"
36	С	25°07'14.997"	80°18'10.002"
	D	25°07'14.997"	80°17'57.999"
ij	Α	25°07'03.008"	80°17'57.999"
	А	25°07'51.156"	80°17'27.910"
Ĭ	В	25°07'35.857"	80°17'37.091"
37	С	25°07'43.712"	80°17'50.171"
28 j	D	25°07'59.011"	80°17'40.998"
9	Α	25°07′51.156″	80°17'27.910"
38	Α	25°08'12.002"	80°17'09.996"
	В	25°07'55.001"	80°17'26.997"
	С	25°08'04.998"	80°17'36.995"
	D	25°08'22.000"	80°17'20.000"
	Α	25°08'12.002"	80°17'09.996"
	Α	25°08'18.003"	80°17'34.001"
3	В	25°08'18.003"	80°17'45,997"
39	С	25°08'29.003"	80°17'45.997"
100000	D	25°08'29.003"	80°17'34.001"
- 1	Α	25°08'18.003"	80°17'34.001"



#### **Region I Coordinates**

Area	Point	North Latitude	West Longitude
	Α	25°07'03.008"	80°17'57.999"
	В	25°07'03.008"	80°18'10.002"
36	С	25°07"14.997"	80°18'10.002"
	D	25°07"14.997"	80°17'57.999"
	Α	25°07'03.008"	80°17'57.999"
	Α	25°07'51.156"	80°17'27.910"
	В	25°07'35.857"	80°17'37.091"
37	C	25°07'43.712"	80°17'50.171"
	D	25°07′59.011″	80°17'40.998"
	Α	25°07′51.156″	80°17'27.910"
	Α	25°08'12.002"	80°17'09.996"
	В	25°07"55.001"	80°17'26.997"
38	0	25°08'04.998"	80°17'36.995"
	D	25°08"22.000"	80°17'20.000"
	Α	25°08'12.002"	80°17'09.996"
	Α	25°08'18.003"	80°17'34.001"
	В	25°08'18.003"	80°17'45.997"
39	0	25°08'29.003"	80°17'45.997"
	D	25°08'29.003"	80°17'34.001"
	Α	25°08'18.003"	80°17'34.001"
40	Α	25°08'45.002"	80°15'50.002"
	В	25°08'37.999"	80°15'56.998"
	O	25°08'42.009"	80°16'00.995"
	D	25°08'48.999"	80°15'53.998"
	Α	25°08'45.002"	80°15′50.002"
41	Α	25°08'58.007"	80°17'24.999"
	В	25°08'58.007"	80°17'35.999"
	C	25°09'09.007"	80°17'35.999"
	۵	25°09'09.007"	80°17'24.999"
	Α	25°08'58.007"	80°17'24.999"
	Α	25°09'10.999"	80°16'00.000"
	В	25°09'10.999"	80°16'09.997"
	С	25°09'20.996"	80°16'09.997"
	D	25°09'20.996"	80°16'00.000"
	Α	25°09'10.999"	80°16'00.000"

Area	Point	North Latitude	West Longitude
	Α	25°09'28.316"	80°17'03.713"
	В	25°09'14.006"	80°17'17.000"
43	O	25°09'21.697"	80°17'25.280"
	D	25°09'36.006"	80°17'12.001"
	Α	25°09'28.316"	80°17'03.713"
	Α	25°10'00.011"	80°16'06.000"
	В	25°10'00.011"	80°16'17.000"
44	О	25°10'09.995"	80°16'17.000"
	D	25°10'09.995"	80°16'06.000"
	Α	25°10'00.011"	80°16'06.000"
	Α	25°10'29.002"	80°15'52.995"
	В	25°10'29.002"	80°16'04.002"
45	С	25°10'37.997"	80°16'04.002"
	D	25°10'37.997"	80°15'52.995"
	Α	25°10'29.002"	80°15'52.995"
	Α	25°11'05.998"	80°14'25.997"
	В	25°11'05.998"	80°14'38.000"
46	С	25°11'20.006"	80°14'38.000"
	D	25°11'20.006"	80°14'25.997"
	Α	25°11'05.998"	80°14'25.997"
	Α	25°12'00.998"	80°13'24.996"
	В	25°11'43.008"	80°13'35.000"
47	С	25°11'48.007"	80°13'44.002"
	D	25°12'06.011"	80°13'33.998"
	Α	25°12'00.998"	80°13'24.996"
	Α	25°12'18.343"	80°14'32.768"
	В	25°12'02.001"	80°14'44.001"
48	С	25°12'07.659"	80°14'52.234"
	D	25°12'24.001"	80°14'41.001"
	Α	25°12'18.343"	80°14'32.768"
49	Α	25°15'23.998"	80°12'29.000"
	В	25°15'04.676"	80°12'36.120"
	С	25°15'09.812"	80°12'50.066"
	D	25°15'29.148"	80°12'42.946"
	Α	25°15'23.998"	80°12'29.000"
	Α	25°16'01.997"	80°12'32.996"
	В	25°15'33.419"	80°12'52.394"
50	С	25°15'44.007"	80°13'08.001"
	D	25°16'12.585"	80°12'48.597"
	Α	25°16'01.997"	80°12'32.996"

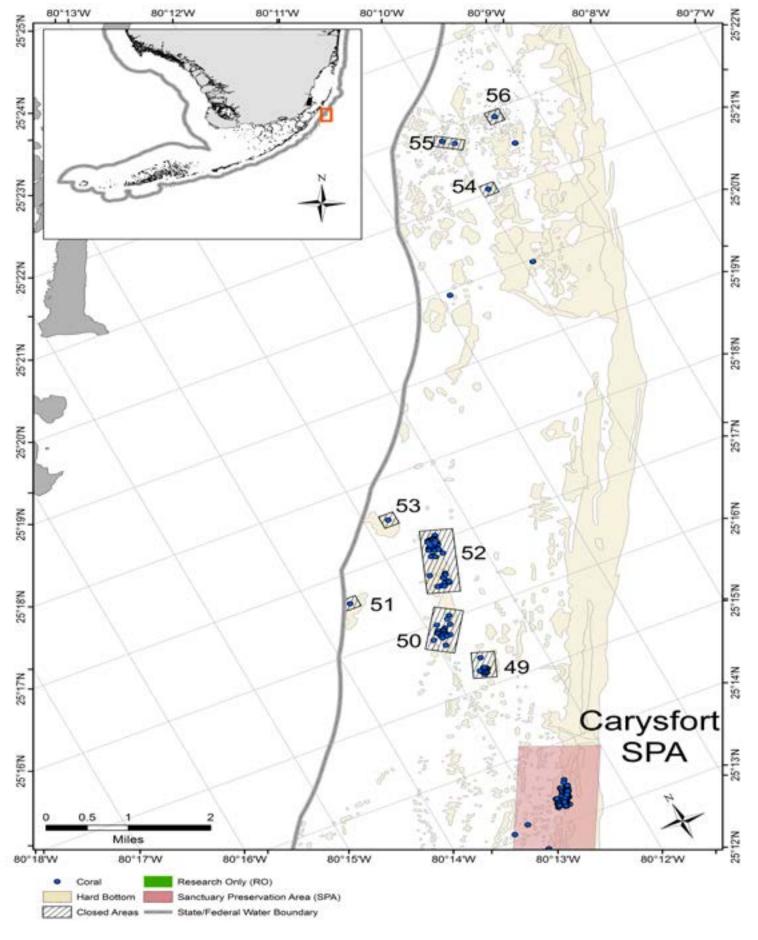


## **REGION I**

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#### **Region J Coordinates**

Area	Point	North Latitude	West Longitude
	A	25°15'23.998"	80°12'29.000"
I	В	25°15'04.676"	80°12'36.120"
49	O	25°15'09.812"	80°12'50.066"
	۵	25°15'29.148"	80°12'42.946"
	Α	25°15'23.998"	80°12'29.000'
	Α	25°16'01.997"	80°12'32.996"
I	В	25°15'33.419"	80°12'52.394"
50	О	25°15'44.007"	80°13'08.001"
	D	25°16'12.585"	80°12'48.597'
	Α	25°16'01.997"	80°12'32.996"
	Α	25°16'33.006"	80°13'30.001"
	В	25°16'33.006"	80°13'41.001"
51	O	25°16'34.425"	80°13'41.026"
J.	D	25°16'41.850"	80°13'37.475"
	Е	25°16'42.001"	80°13'30.001"
	Α	25°16'33.006"	80°13'30.001"
	Α	25°17'04.715"	80°12'11.305"
	В	25°16'17.007"	80°12'27.997'
52	O	25°16'23.997"	80°12'47.999"
I	D	25°17′11.705″	80°12'31.300'
	Α	25°17'04.715"	80°12'11.305"
	Α	25°17'23.008"	80°12'40.000"
	В	25°17'23.008"	80°12'49.997'
53	С	25°17'33.005"	80°12'49.997'
	D	25°17'33.005"	80°12'40.000'
	Α	25°17'23.008"	80°12'40.000"
	Α	25°20'57.996"	80°09'50.000'
	В	25°20'57.996"	80°10'00.000"
54	С	25°21'07.005"	80°10'00.000"
	D	25°21'07.005"	80°09'50.000'
	Α	25°20'57.996"	80°09'50.000'
55	А	25°21'45.004"	80°09'51.998"
	В	25°21'38.124"	80°09'56.722'
	С	25°21'49.124"	80°10'12.728"
	D	25°21′56.004″	80°10'07.997'
	Α	25°21'45.004"	80°09'51.998"
	Α	25°21'49.000"	80°09'21.999"
	В	25°21'49.000"	80°09'31.996"
56	О	25°21'58.998"	80°09'31.996"
	D	25°21′58.998″	80°09'21.999"
	Α	25°21'49.000"	80°09'21.999"

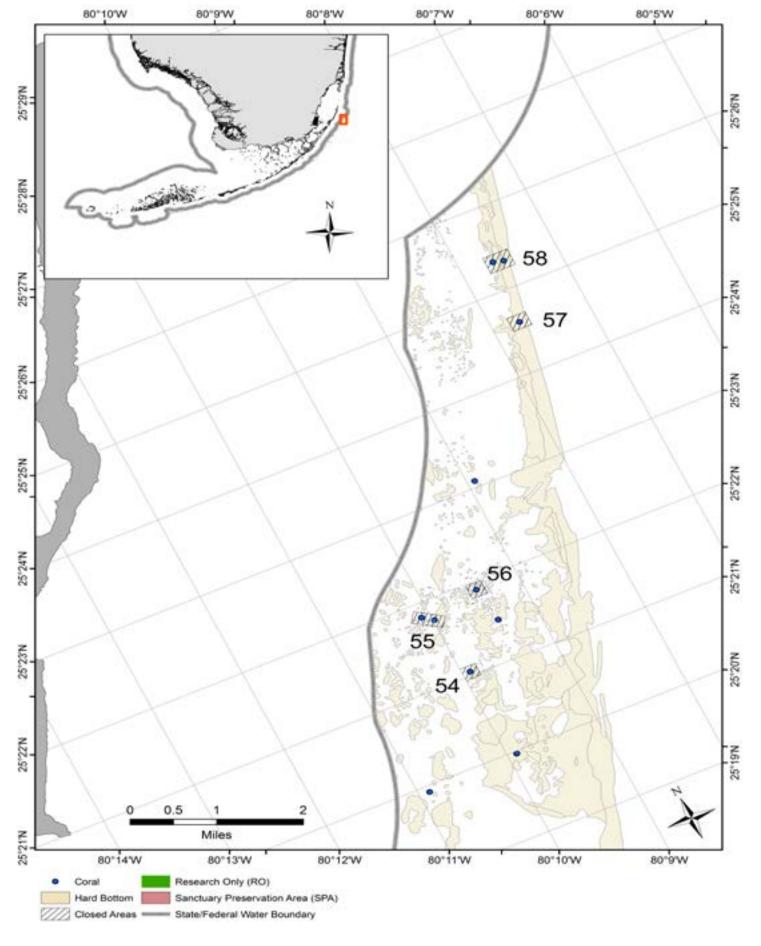


**REGION J** 

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#### Region K Coordinates

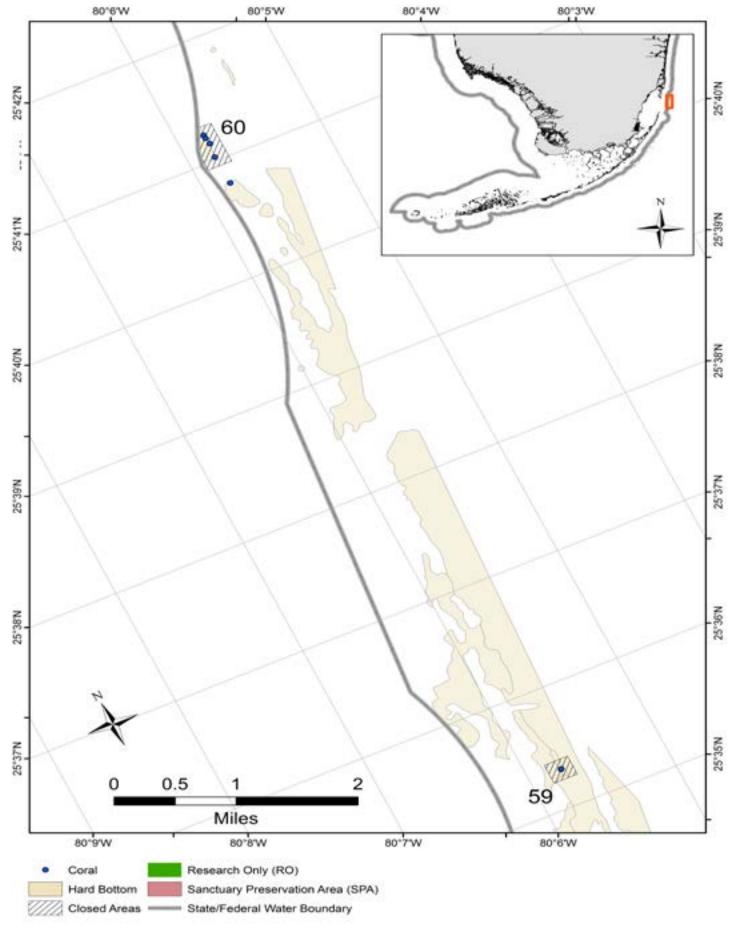
Area	Point	North Latitude	West Longitude
54	Α	25°20'57.996"	80°09'50.000"
	В	25°20'57.996"	80°10'00.000"
	С	25°21'07.005"	80°10'00.000"
	D	25°21'07.005"	80°09'50.000"
	Α	25°20'57.996"	80°09'50.000"
55	Α	25°21'45.004"	80°09'51.998"
	В	25°21'38.124"	80°09'56.722"
	С	25°21'49.124"	80°10'12.728"
	D	25°21′56.004″	80°10'07.997"
	Α	25°21'45.004"	80°09'51.998"
56	Α	25°21'49.000"	80°09'21.999"
	В	25°21'49.000"	80°09'31.996"
	С	25°21′58.998″	80°09'31.996"
	D	25°21′58.998″	80°09'21.999"
	Α	25°21'49.000"	80°09'21.999"
57	Α	25°24'31.008"	80°07'36.997"
	В	25°24'31.008"	80°07'48.999"
	О	25°24'41.005"	80°07'48.999"
	D	25°24'41.005"	80°07'36.997"
	Α	25°24'31.008"	80°07'36.997"
58	Α	25°25'14.005"	80°07′27.995″
	В	25°25'14.005"	80°07'44.001"
	0	25°25'26.008"	80°07'44.001"
	D	25°25'26.008"	80°07'27.995"
	Α	25°25'14.005"	80°07′27.995*



# **REGION K**

### Region L Coordinates

Area	Point	North Latitude	West Longitude
59	Α	25°35'13.996"	80°05'39.999"
	В	25°35'13.996"	80°05'50.999*
	O	25°35'24.007"	80°05'50.999"
	D	25°35'24.007"	80°05'39.999"
	Α	25°35'13.996"	80°05'39.999"
60	Α	25°40'57.003"	80°05'43.000"
	В	25°40'57.003"	80°05'54.000"
	O	25°41'06.550"	80°05'53.980"
	D	25°41'18.136"	80°05'49.158"
	Е	25°41'18.001"	80°05'43.000"
	Α	25°40'57.003"	80°05'43.000"



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REGION L



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