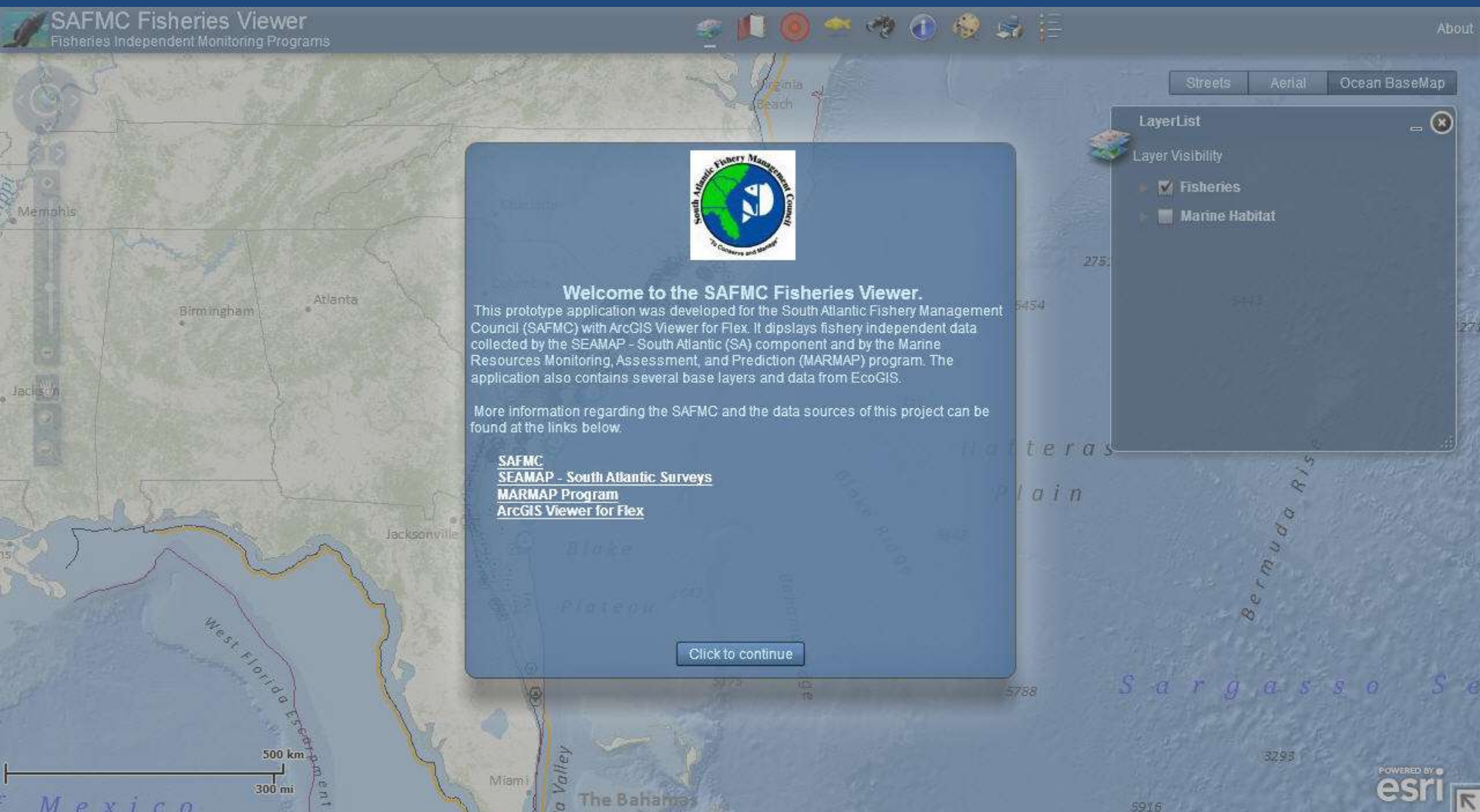


SAFMC Fisheries

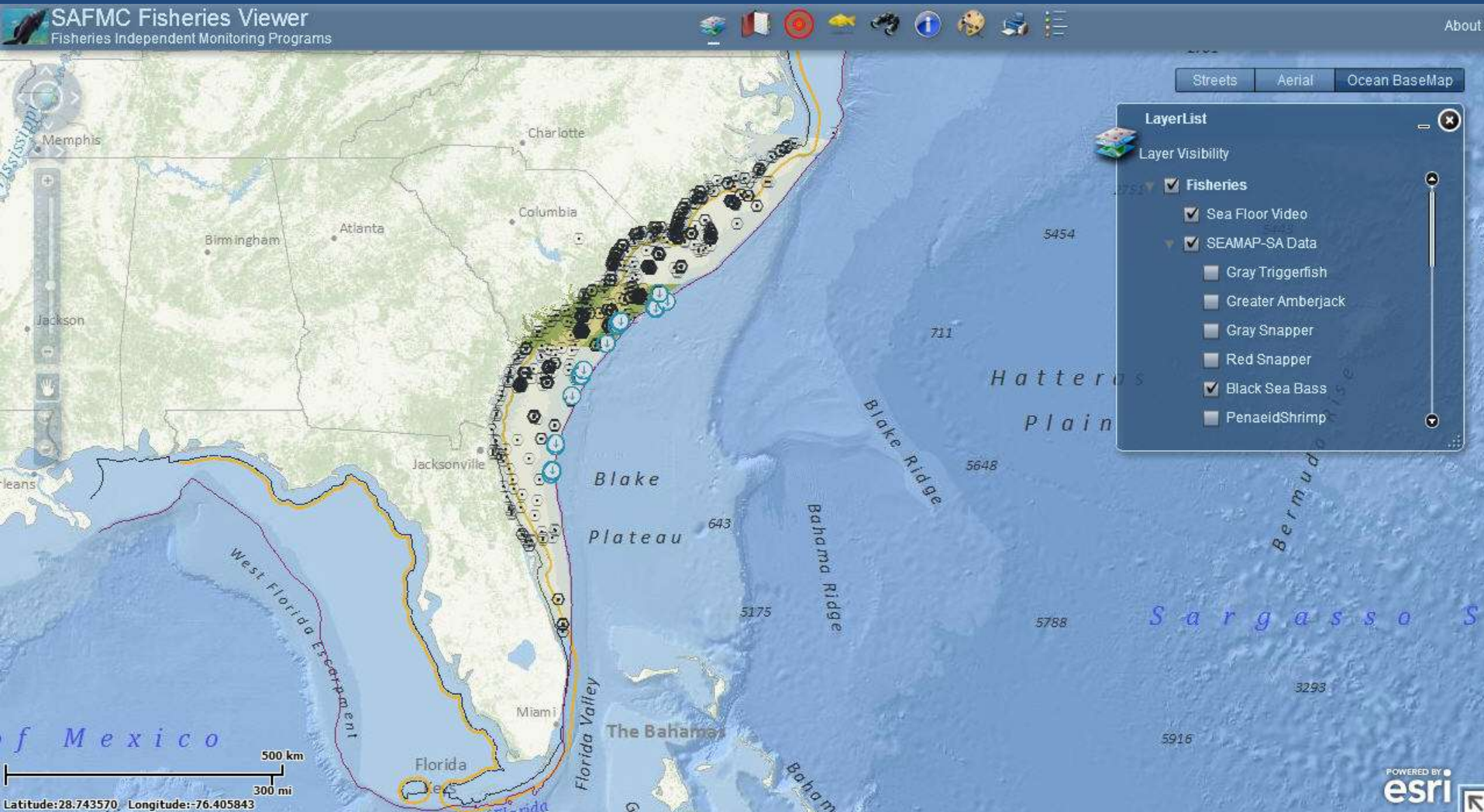
- currently serves SEAMAP-SA species data, MARMAP species data, MARMAP gear types, focal species distributions, bathymetry, and boundaries for the continental shelf, US Federal State and US Territorial Seas.

SAFMC Fisheries

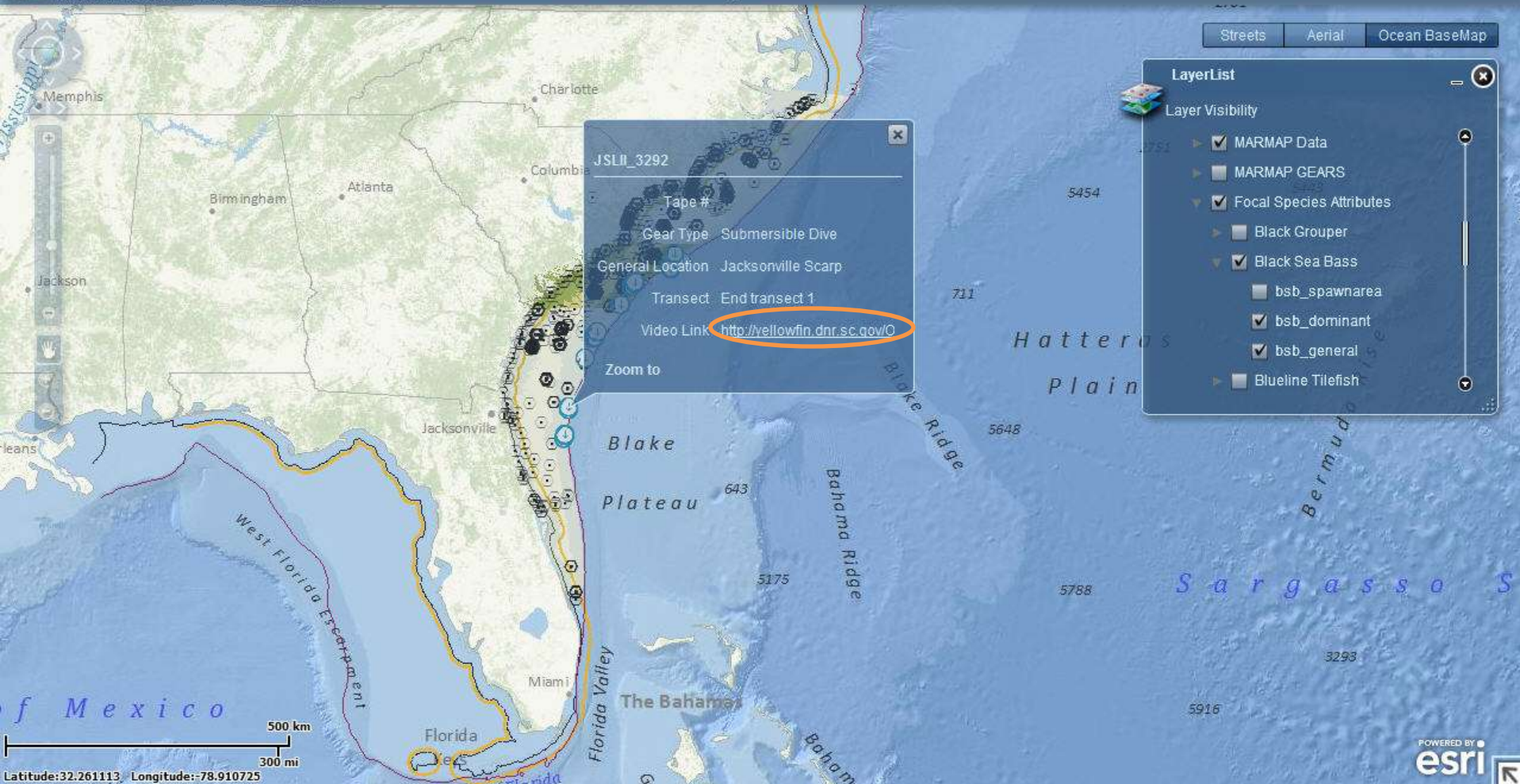


accessible via the following URL:
<http://ocean.floridamarine.org/SA_Fisheries>

SAFMC Fisheries



Initial map shows data points for Black Sea Bass from the SEAMAP-SA and MARMAP projects. The map also displays general depth ranges of Black Sea Bass and Sea Floor Videos.



SCDNR Submersible Dives

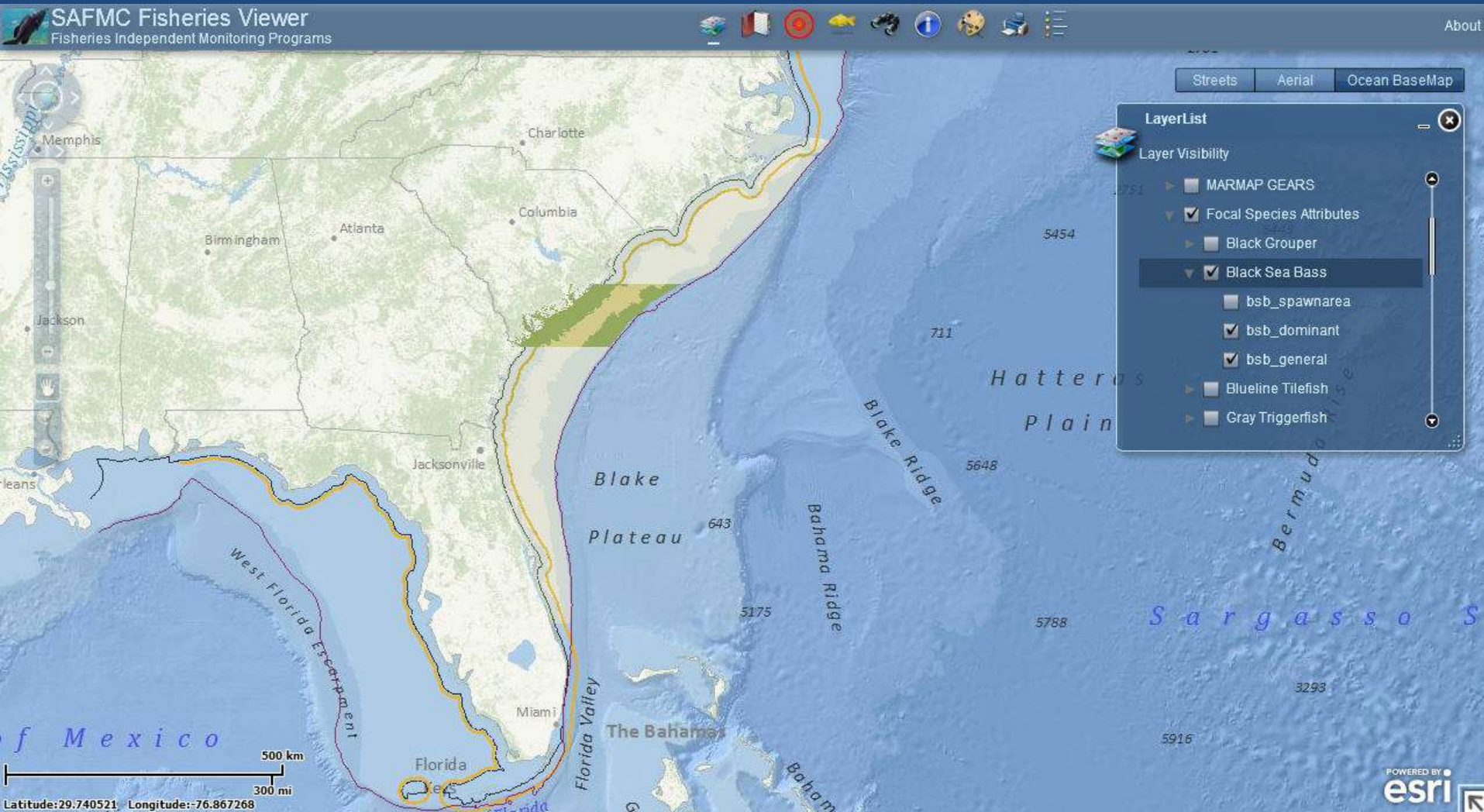


Jacksonville Scarp
02_3291_eT7.mpg



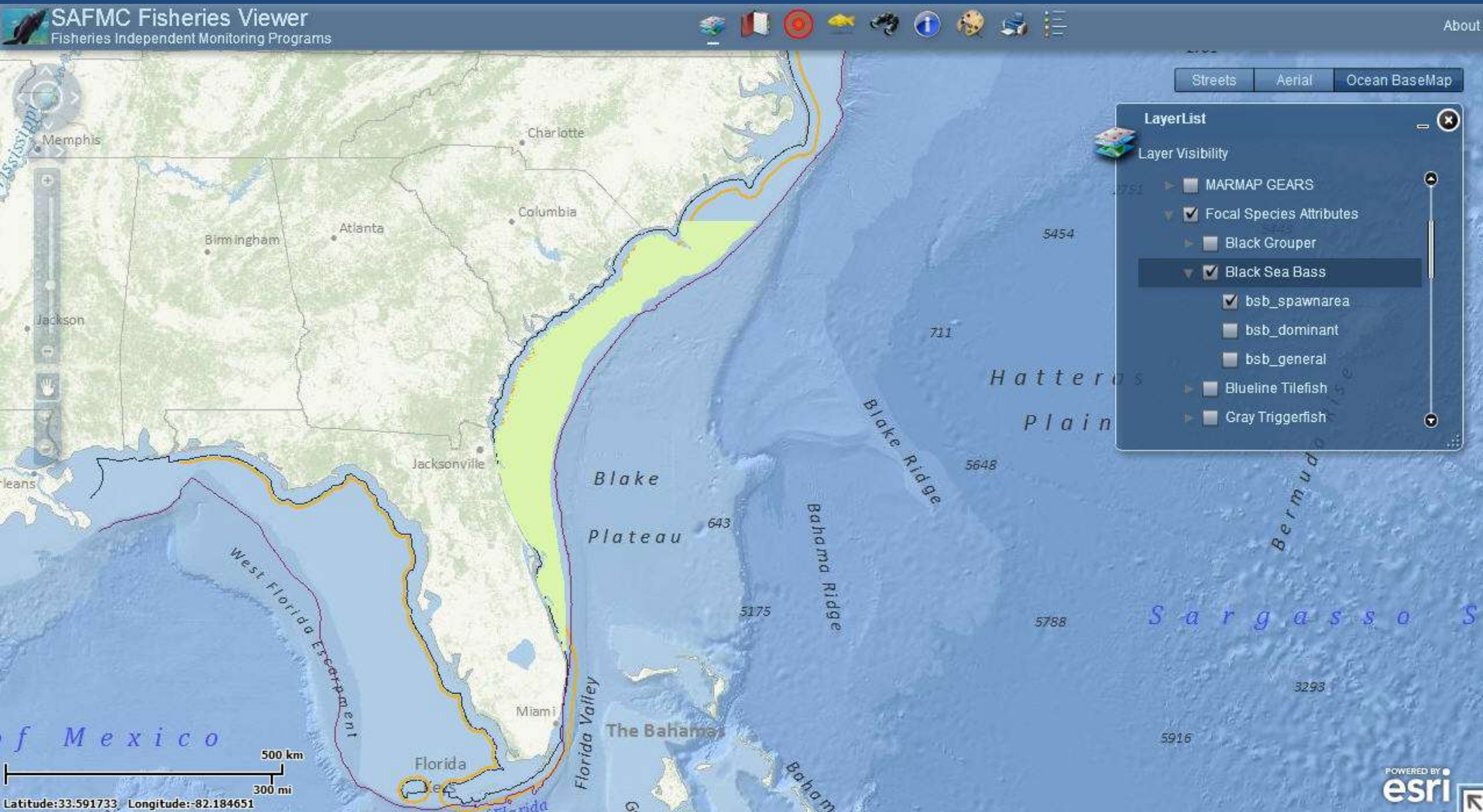
Razorback
03_3413_eT5.mpg

Focal Species Attributes



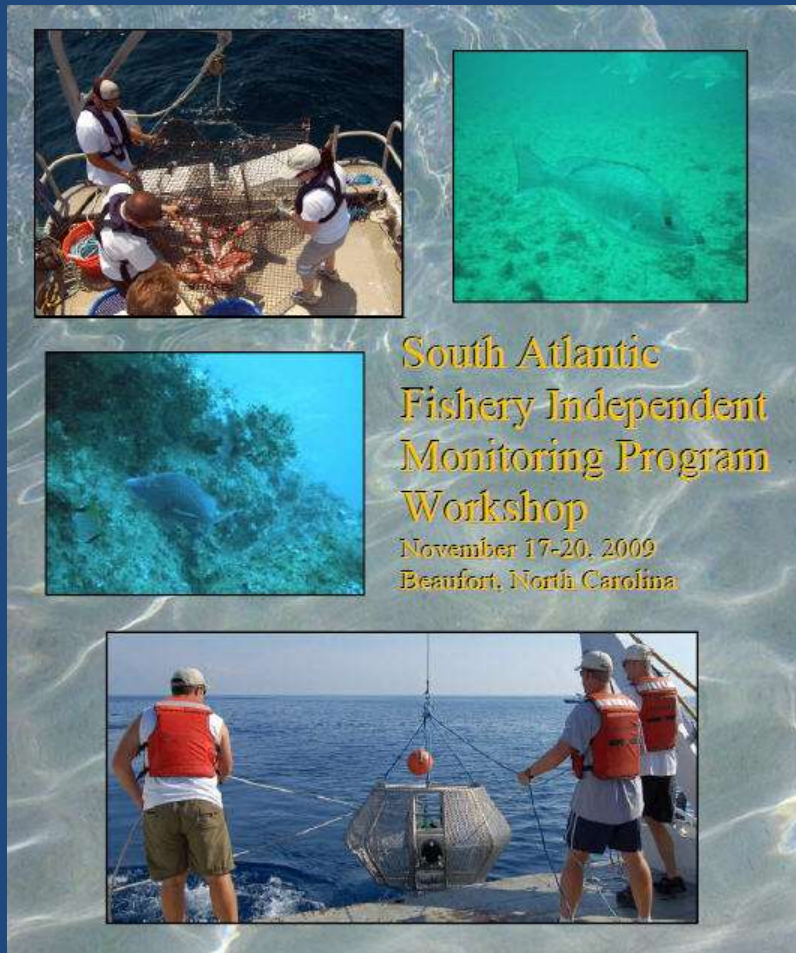
General depth range distribution for Black Sea Bass. Depth Range = 2-130m, Mean Depth = 20 -35m. Darker shading indicates the dominant area for this species 32-33° N.

Focal Species Attributes



Black Sea Bass Spawning depths 15-56m between 27-34°

Focal Species Distribution Sources



[ETOPO1 Global Relief Model](#)— clipped
and reclassified

Life History Report

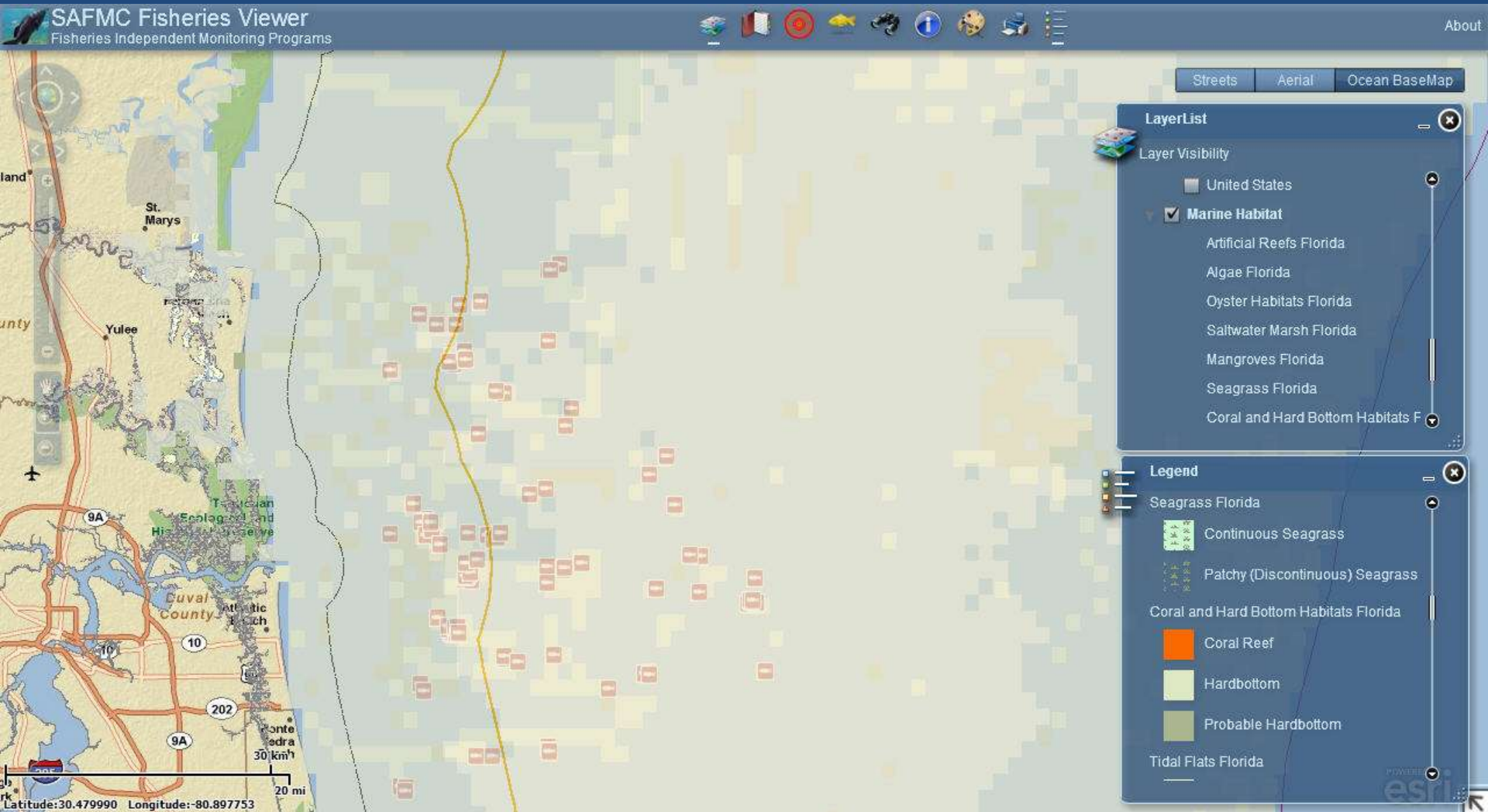
South Atlantic Fishery Independent Monitoring Program Workshop, November 17-20, 2009, Beaufort, NC

Table 1. Attributes of focal species. Abbreviations: CH = Cape Hatteras; Atl = Atlantic; LB = live bottom; AR = artificial reef; Est = estuary; NA = not available; NS = not significant; SAV = submerged aquatic vegetation.

Stock	Stock Genetic Diff in SA	Home Range or Migration	Depth Effect	Area Found	Dominant Area	Adult habitat	Juvenile Habitat	Peak Spawning	Female Spawning Season	Spawning Depth (m)	Spawning Area	Mean depth caught (m)	Min	Max
Black Sea Bass	NS	Small (larger move more)	NA	Fort Pierce to CH/Atl Coast	32-33 N	LB/AR	Reef, Oyster, SAV	Feb-Apr	Feb-Jul, Sep, Nov	15-56	27-34 N	20-35	2	130
Gag	Ongoing	Large	Male Female Separation Larger offshore	SA	SA	LB/Ledge	Est/Reef	Mar-Apr	Dec-May	24-117	26-33 N	20-50	2	152
Snowy Grouper	NA	Unknown	Larger offshore	SA plus VA	SC/NC	Rock, Ledge, Wreck	Inshore of Adult 50 m	Unknown	Apr-Sep	176-232	24-34 N	100-200	30-50	525
Red Grouper	NS	Small	Larger offshore	Keys to NC	Keys and NC	Live, Rock, Sand, AR	Reef, Lesser extent Est with SAV	Feb-Apr	Dec-Jun	30-90	Keys and NC	30-45	20	95
Black Grouper	NS	Small	Larger offshore	Keys to Cape Lookout	Keys	Live, Rock, Ledges, AR	Reef, SAV, Oyster	Jan-Mar	Possibly Year Round	<100	Keys	30-40	9	60
Speckled Hind	NA	Unknown	Larger offshore	Keys to CH	Unknown	Ledges, Rock	Ledges, Rock	Unknown	May-Oct	Unknown	Unknown	75-100	28	165
Scamp	NA	Seasonal Possible	Larger offshore	Keys to Cape Hatteras	Carolinas	Live, Rock, Ledges, AR	Unknown in SA rarely in Estuaries	Mar-May	Feb-July	33-93	29-32 N (sampling effect)	30-50	17	113
Warsaw Grouper	NA	Unknown	Larger offshore	Keys to CH	Unknown	Live, Rock, Ledges, Pinnacles	Live, Rock, AR, Ledges	Unknown	Aug-Oct			70-110	30	500
Goliath Grouper	NA	Moderate	Juveniles use estuaries adults offshore	Keys to Cape Lookout	Keys	Mangroves, Bridges, Coral, AR	Mangroves and Estuaries	Jul	Jun-Dec			20-50	7	100
Yellowedge Grouper	NA	Unknown	Larger offshore	Keys to Cape Hatteras	N FL to SC	Rock and Ledges	Unknown		Apr-Oct	160-194	31 N (sampling effect)	100-200	64	275
Vermilion Snapper	NA	Small	Larger offshore	Cape Canaveral to CH	N FL to Cape Lookout	LB/Rock/AR	20-30 m depth AR & LB	May-Aug	Apr-Dec	18-97	27-34 N	<76	14	163
Red Snapper	Ongoing	Small	May move inshore to form spawning aggregation	Fort Pierce to CH	Fort Pierce to GA	LB/Rock/AR	Live Bottom Low relief	Jun-Sep	May-Oct	24-67	27-33 N	20-50	10	150
Yellowtail Snapper	NA	Unknown	Unknown	Keys to Cape Lookout	FL	Live, Rock, Reefs, AR	Back reefs and SAV	May-Jul	Feb-Oct		S FL	20-40	10	70

14 species processed

- Black Sea Bass
- Gag
- Snowy Grouper
- Red Grouper
- Black Grouper
- Scamp
- Red Snapper
- Tilefish
- Blueline Tilefish
- Red Porgy
- Greater Amberjack
- Gray Triggerfish
- White Grunt
- Wreckfish



Black Sea Bass general depth range overlaying the FWC cached Marine Habitat map service.