

## **APPENDIX. GIS Supporting Snapper Grouper Amendment 17A (Red Snapper Management Alternatives – February 2010)**

Tables, Shapefiles, KMZ files or ready-made maps of proposed management alternatives are available online for viewing or download from the South Atlantic Habitat and Ecosystem Internet Map Server: <http://www.safmc.net/EcosystemManagement/EcosystemBoundaries/MappingandGISData/tabid/62/Default.aspx> OR

Viewing specifically existing and proposed regulations online is also provided through a newly developed ArcGIS Service - SAFMC Regulations [http://ocean.floridamarine.org/SAFMC\\_Regulations/](http://ocean.floridamarine.org/SAFMC_Regulations/)

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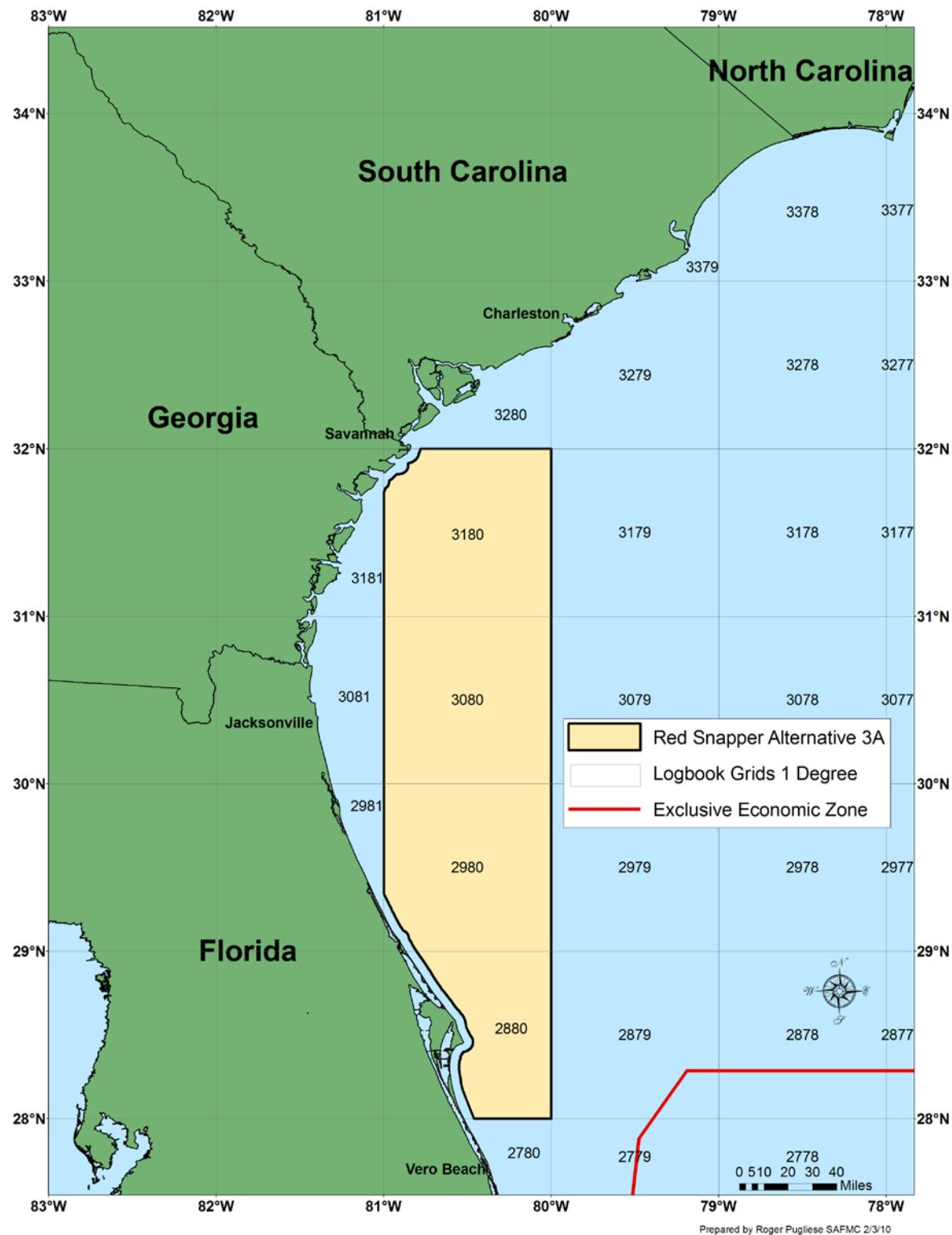
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**Figure 1. Red Snapper Alternative 3A (Four Grid).**

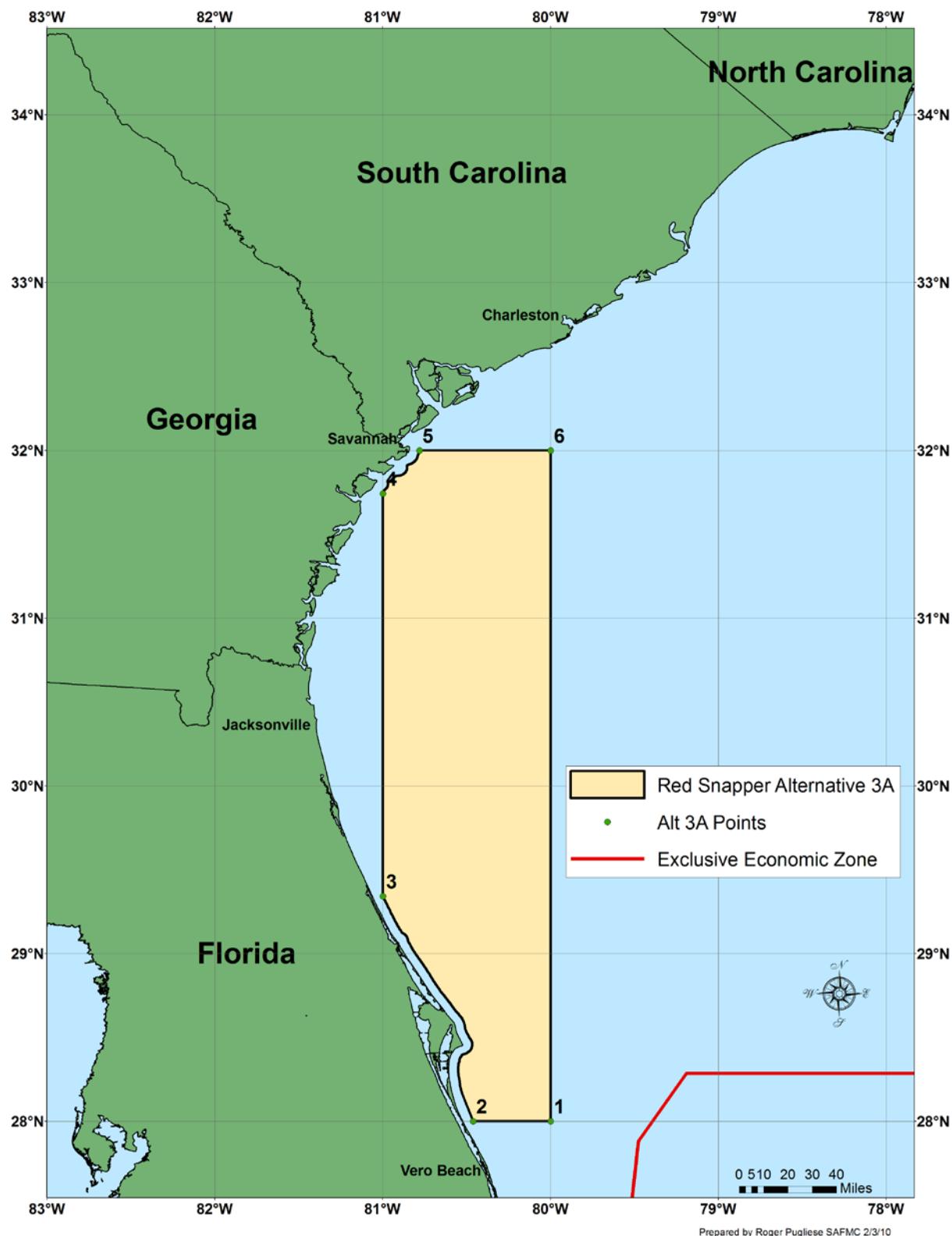


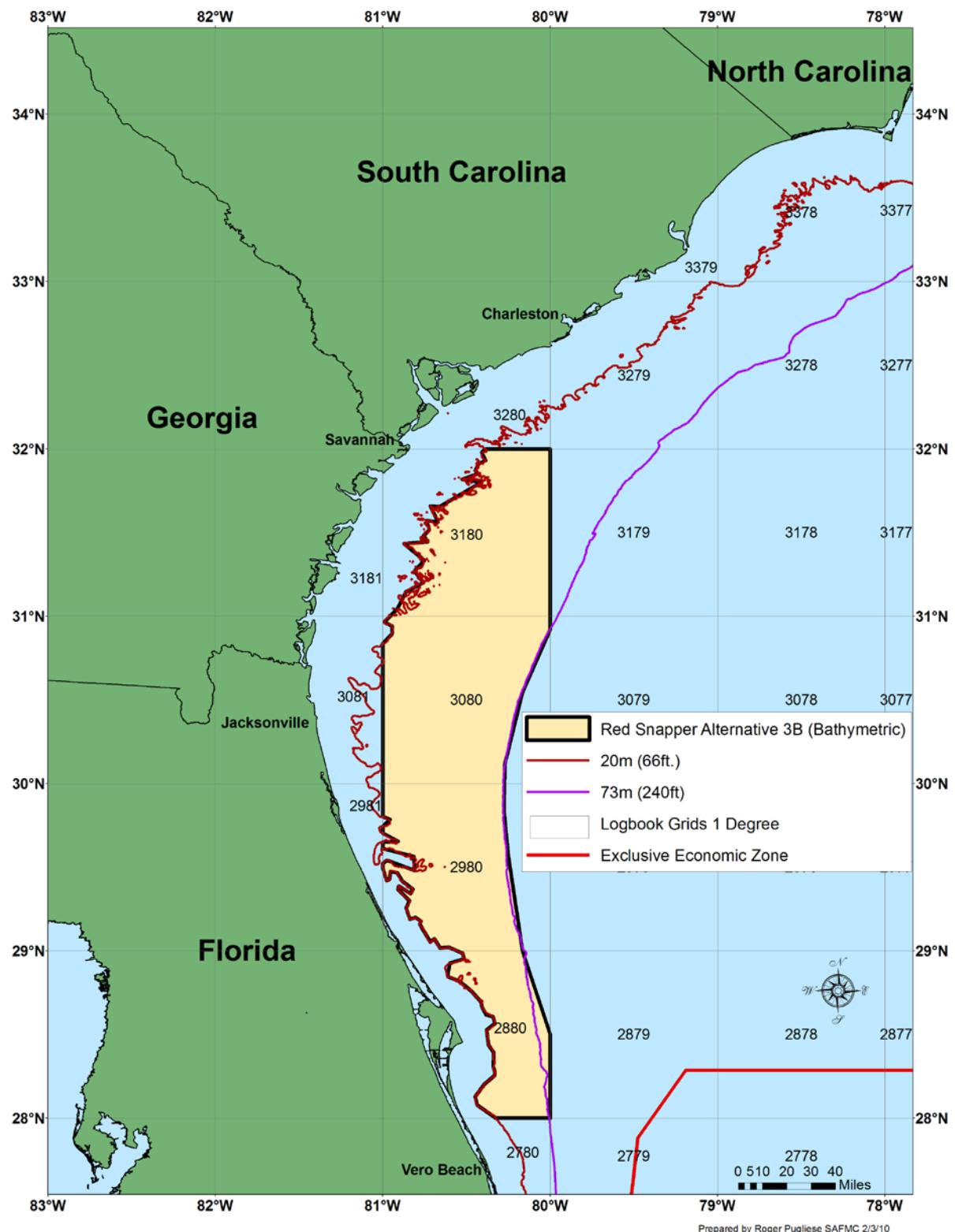
Figure 2. Red Snapper Alternative 3A (Four Grid) with Point Coordinates.

**Table 1. Area Coordinates for Red Snapper Alternative 3A (Four Grid).**

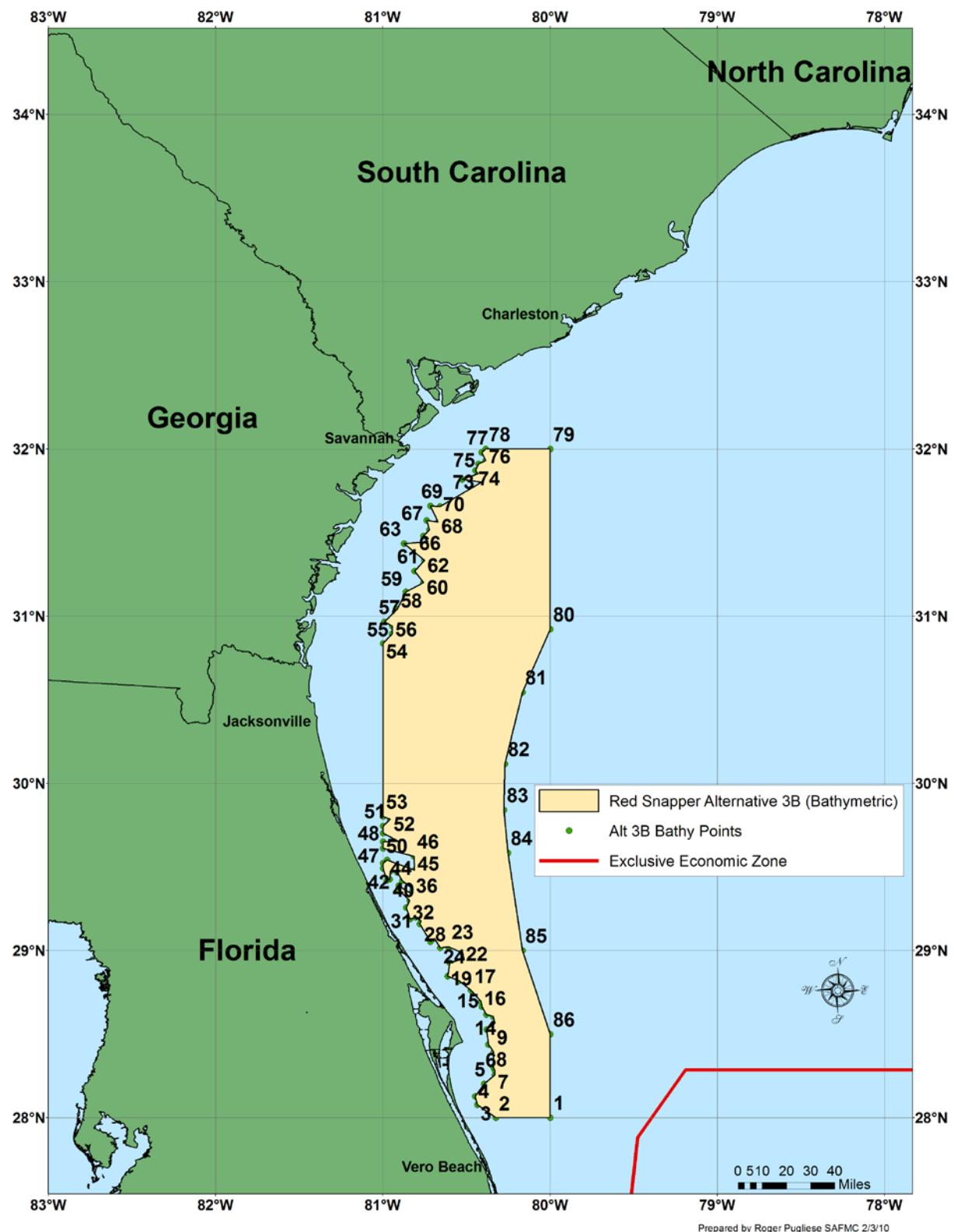
ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 27' 42"
3	29° 20' 33"	-81° 00' 00"
4	31° 44' 32"	-81° 00' 00"
5	32° 00' 00"	-80° 46' 56"
6	32° 00' 00"	-80° 00' 00"

Between point 2 and point 3, line follows inner boundary of U.S. EEZ.

Between point 4 and point 5, line follows inner boundary of U.S. EEZ.



**Figure 3. Red Snapper Alternative 3B (66ft-240ft/Bathymetric).**



**Figure 4. Red Snapper Alternative 3B (66ft-240ft/Bathymetric) with Point Coordinates.**

**Table 2. Area Coordinates for Red Snapper Alternative 3B (66ft-240ft/Bathymetric).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 19' 30"
3	28° 04' 39"	-80° 26' 11"
4	28° 07' 43"	-80° 26' 56"
5	28° 12' 08"	-80° 23' 46"
6	28° 15' 27"	-80° 19' 50"
7	28° 17' 09"	-80° 19' 58"
8	28° 18' 20"	-80° 20' 27"
9	28° 23' 33"	-80° 20' 17"
10	28° 26' 19"	-80° 22' 08"
11	28° 31' 34"	-80° 22' 48"
12	28° 34' 00"	-80° 19' 50"
13	28° 36' 20"	-80° 20' 28"
14	28° 37' 05"	-80° 22' 58"
15	28° 39' 49"	-80° 24' 28"
16	28° 41' 42"	-80° 24' 48"
17	28° 45' 40"	-80° 28' 22"
18	28° 49' 06"	-80° 32' 45"
19	28° 50' 45"	-80° 36' 51"
20	28° 55' 31"	-80° 36' 00"
21	28° 57' 07"	-80° 31' 04"
22	28° 59' 10"	-80° 31' 19"
23	29° 01' 21"	-80° 36' 26"
24	29° 01' 03"	-80° 39' 27"
25	29° 04' 17"	-80° 41' 32"
26	29° 03' 10"	-80° 43' 00"
27	29° 09' 34"	-80° 46' 48"
28	29° 10' 39"	-80° 46' 17"
29	29° 12' 00"	-80° 48' 18"
30	29° 11' 22"	-80° 50' 18"
31	29° 15' 26"	-80° 51' 39"
32	29° 17' 59"	-80° 50' 28"
33	29° 21' 59"	-80° 54' 32"
34	29° 23' 17"	-80° 54' 17"
35	29° 20' 34"	-80° 50' 08"
36	29° 22' 01"	-80° 49' 15"
37	29° 25' 07"	-80° 53' 04"
38	29° 28' 06"	-80° 54' 54"
39	29° 28' 31"	-80° 57' 20"
40	29° 25' 38"	-80° 57' 37"
41	29° 25' 10"	-80° 58' 37"
42	29° 29' 30"	-81° 00' 00"
43	29° 31' 26"	-81° 00' 00"

44	29° 32' 31"	-80° 58' 32"
45	29° 28' 48"	-80° 48' 41"
46	29° 33' 51"	-80° 48' 53"
47	29° 36' 44"	-81° 00' 00"
48	29° 39' 02"	-81° 00' 00"
49	29° 39' 18"	-80° 54' 32"
50	29° 42' 08"	-81° 00' 00"
51	29° 44' 44"	-81° 00' 00"
52	29° 47' 08"	-80° 57' 24"
53	29° 48' 05"	-81° 00' 00"
54	30° 50' 16"	-81° 00' 00"
55	30° 53' 39"	-80° 56' 45"
56	30° 56' 25"	-80° 56' 40"
57	30° 57' 56"	-80° 59' 30"
58	31° 02' 34"	-80° 54' 49"
59	31° 08' 43"	-80° 51' 49"
60	31° 12' 01"	-80° 45' 27"
61	31° 16' 09"	-80° 48' 40"
62	31° 20' 05"	-80° 45' 08"
63	31° 26' 03"	-80° 52' 29"
64	31° 26' 45"	-80° 43' 52"
65	31° 28' 48"	-80° 45' 24"
66	31° 31' 03"	-80° 43' 18"
67	31° 34' 23"	-80° 44' 20"
68	31° 33' 50"	-80° 40' 14"
69	31° 39' 37"	-80° 42' 58"
70	31° 39' 21"	-80° 39' 31"
71	31° 48' 09"	-80° 24' 39"
72	31° 49' 08"	-80° 31' 35"
73	31° 51' 08"	-80° 25' 59"
74	31° 52' 17"	-80° 26' 52"
75	31° 54' 38"	-80° 25' 43"
76	31° 55' 55"	-80° 23' 08"
77	31° 58' 44"	-80° 24' 37"
78	32° 00' 00"	-80° 23' 10"
79	32° 00' 00"	-80° 00' 00"
80	30° 55' 18"	-80° 00' 00"
81	30° 32' 40"	-80° 10' 00"
82	30° 07' 00"	-80° 16' 15"
83	29° 50' 25"	-80° 16' 38"
84	29° 35' 00"	-80° 15' 13"
85	29° 00' 00"	-80° 10' 00"
86	28° 30' 00"	-80° 00' 00"

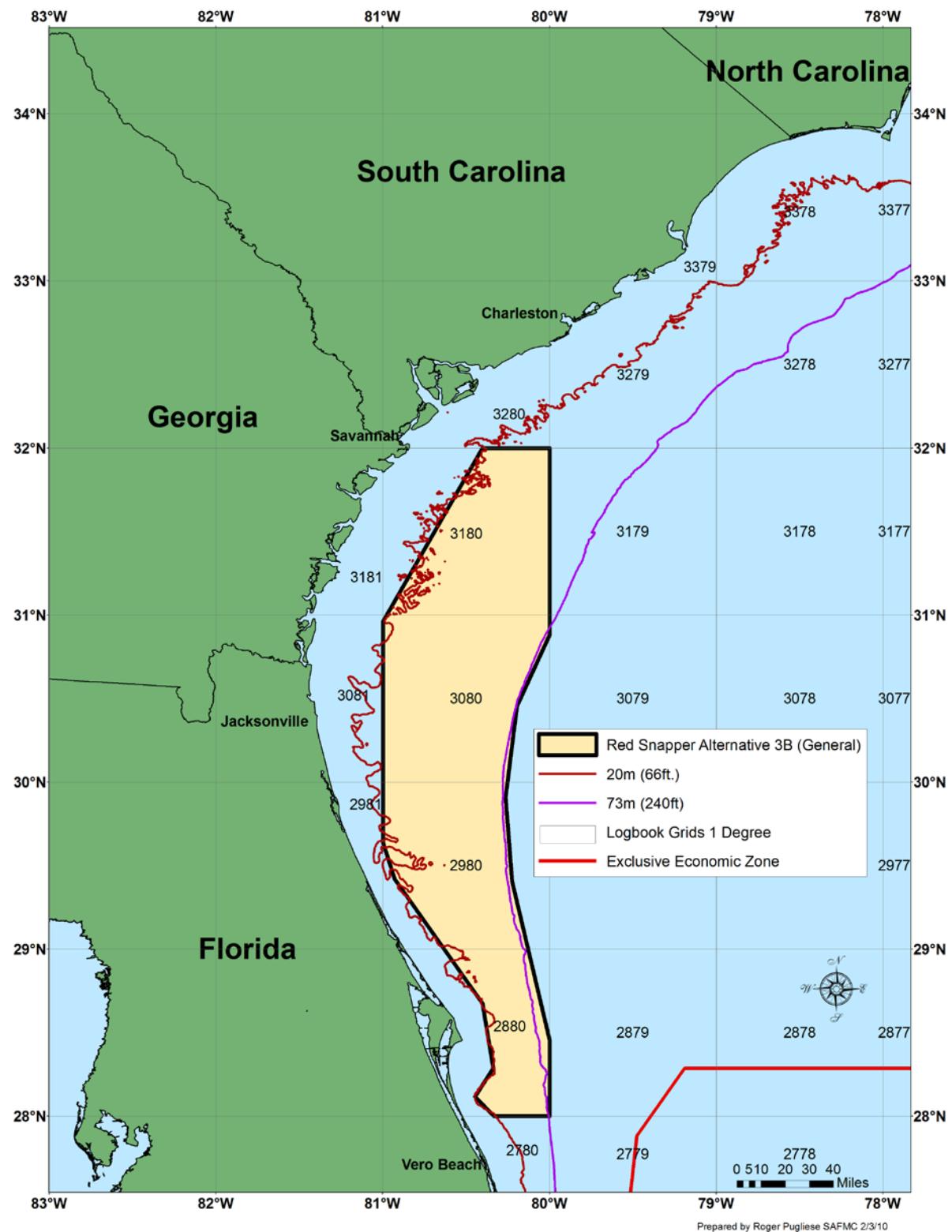


Figure 5. Red Snapper Alternative 3B (66ft-240ft/Generalized).

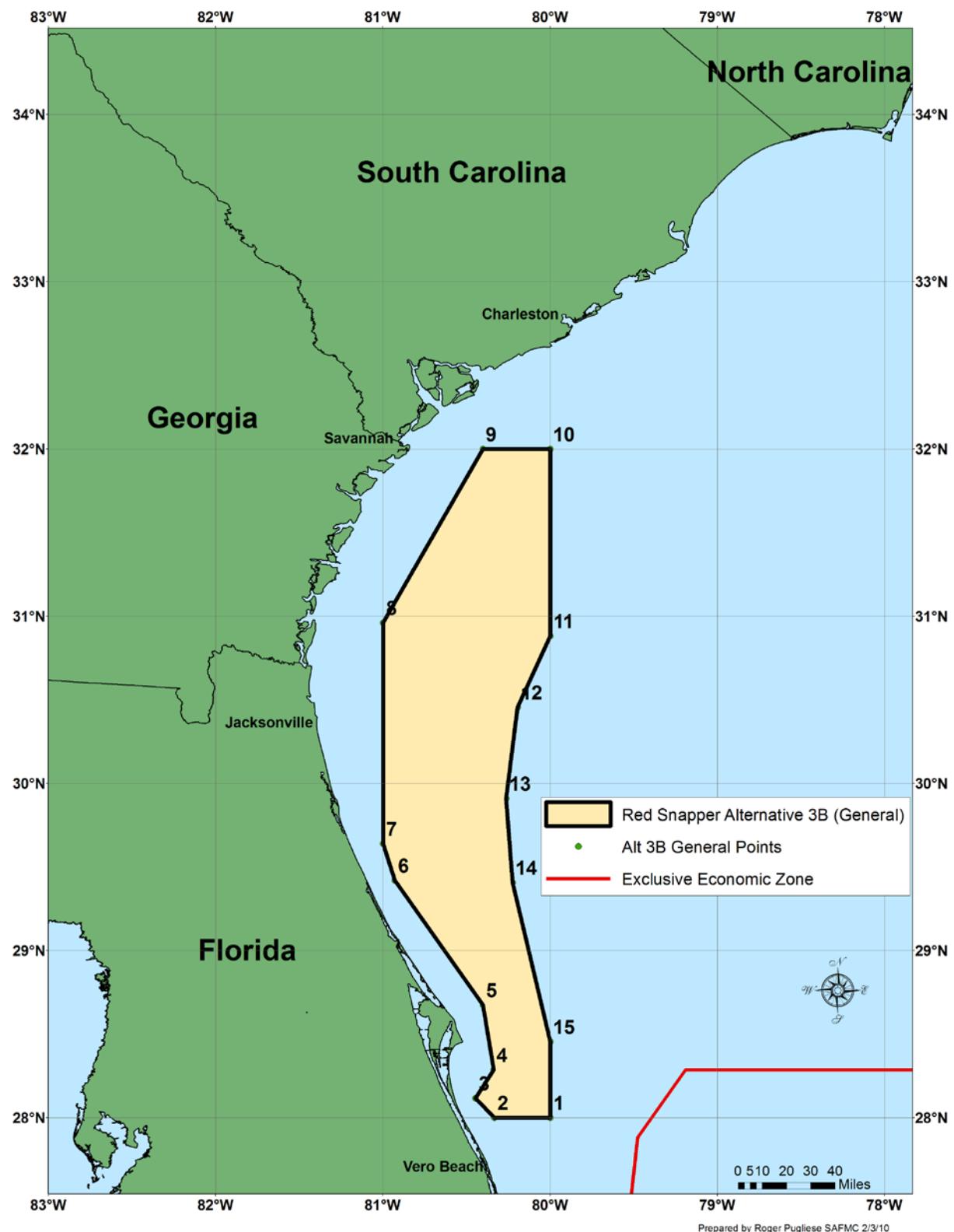
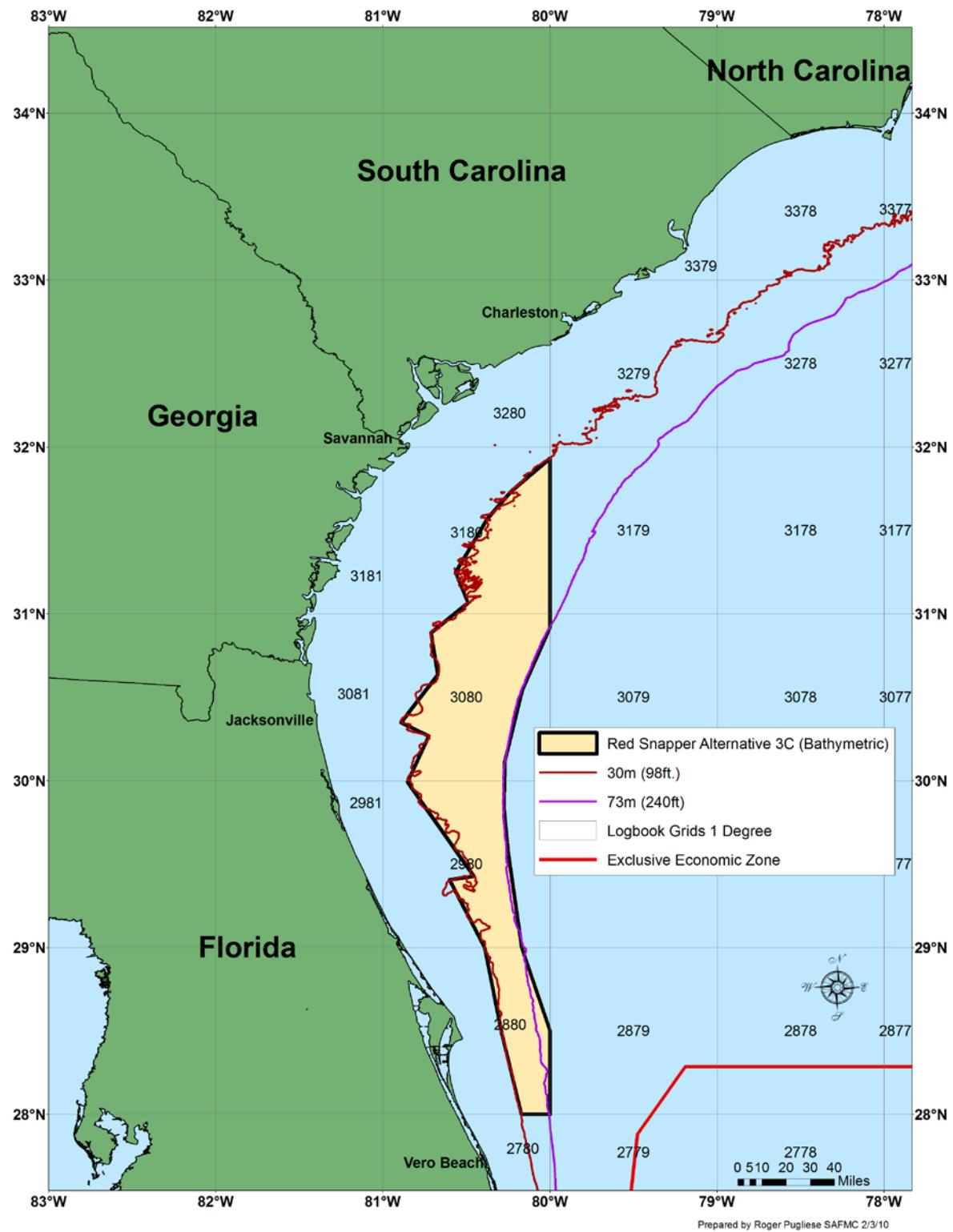


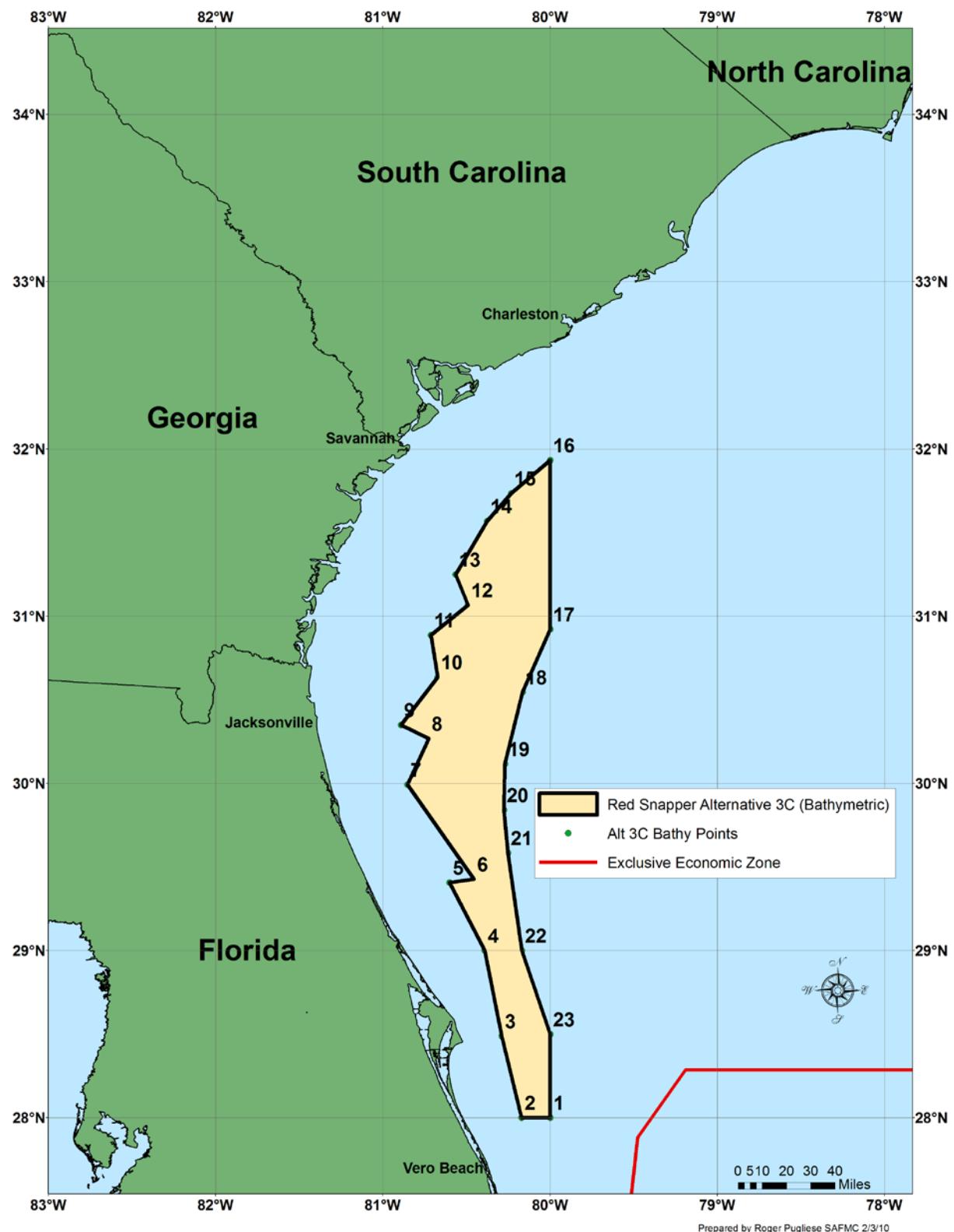
Figure 6. Red Snapper Alternative 3B (66ft-240ft/Generalized) with Point Coordinates.

**Table 3. Area Coordinates for Red Snapper Alternative 3B (66ft-240ft/Generalized).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 20' 01"
3	28° 06' 58"	-80° 26' 49"
4	28° 17' 14"	-80° 20' 19"
5	28° 40' 32"	-80° 24' 09"
6	29° 25' 09"	-80° 55' 44"
7	29° 38' 20"	-81° 00' 00"
8	30° 57' 40"	-81° 00' 00"
9	32° 00' 00"	-80° 24' 12"
10	32° 00' 00"	-80° 00' 00"
11	30° 52' 54"	-80° 00' 00"
12	30° 27' 19"	-80° 11' 41"
13	29° 54' 31"	-80° 15' 51"
14	29° 24' 24"	-80° 13' 32"
15	28° 27' 20"	-80° 00' 00"



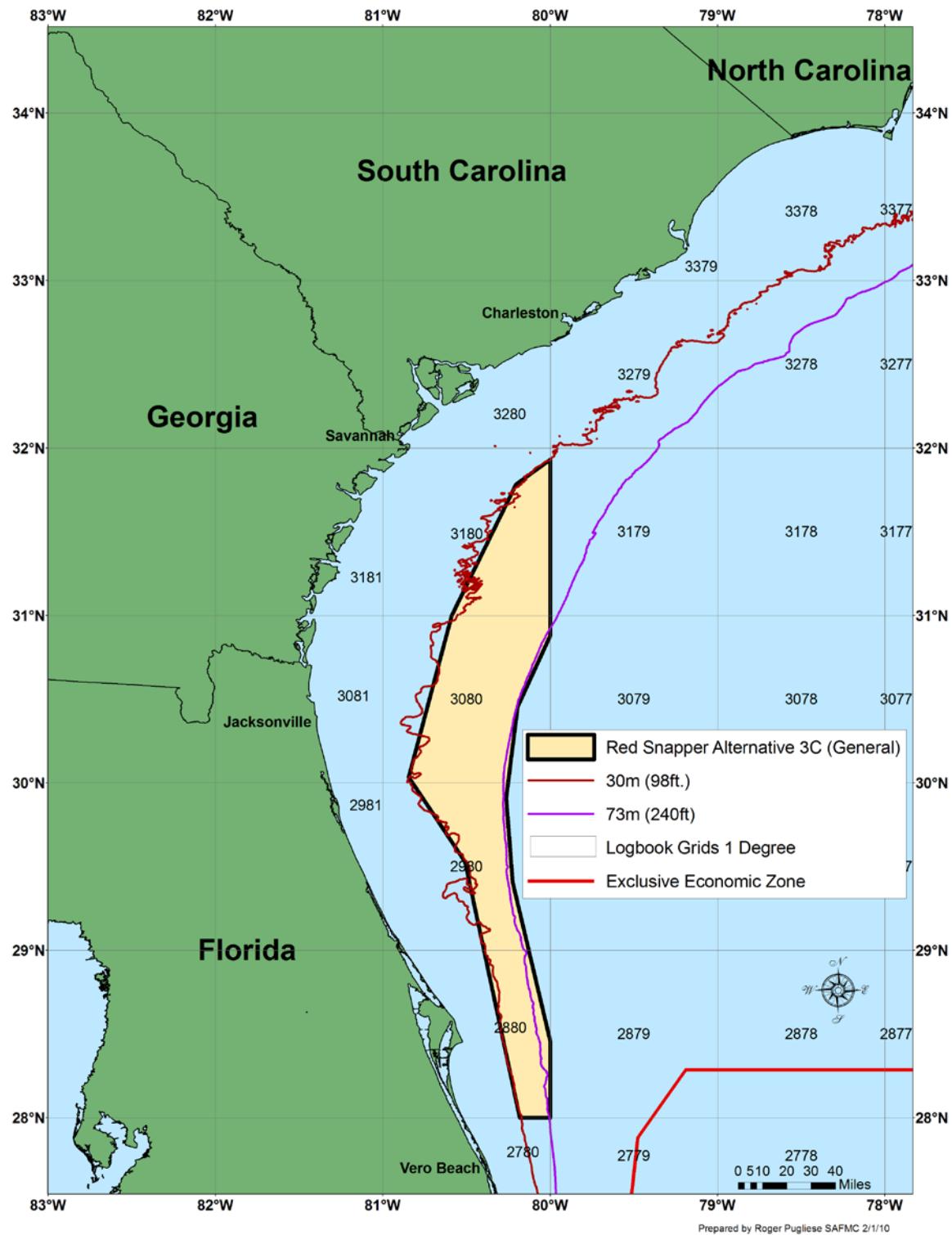
**Figure 7. Red Snapper Alternative 3C (98ft-240ft/Bathymetric).**



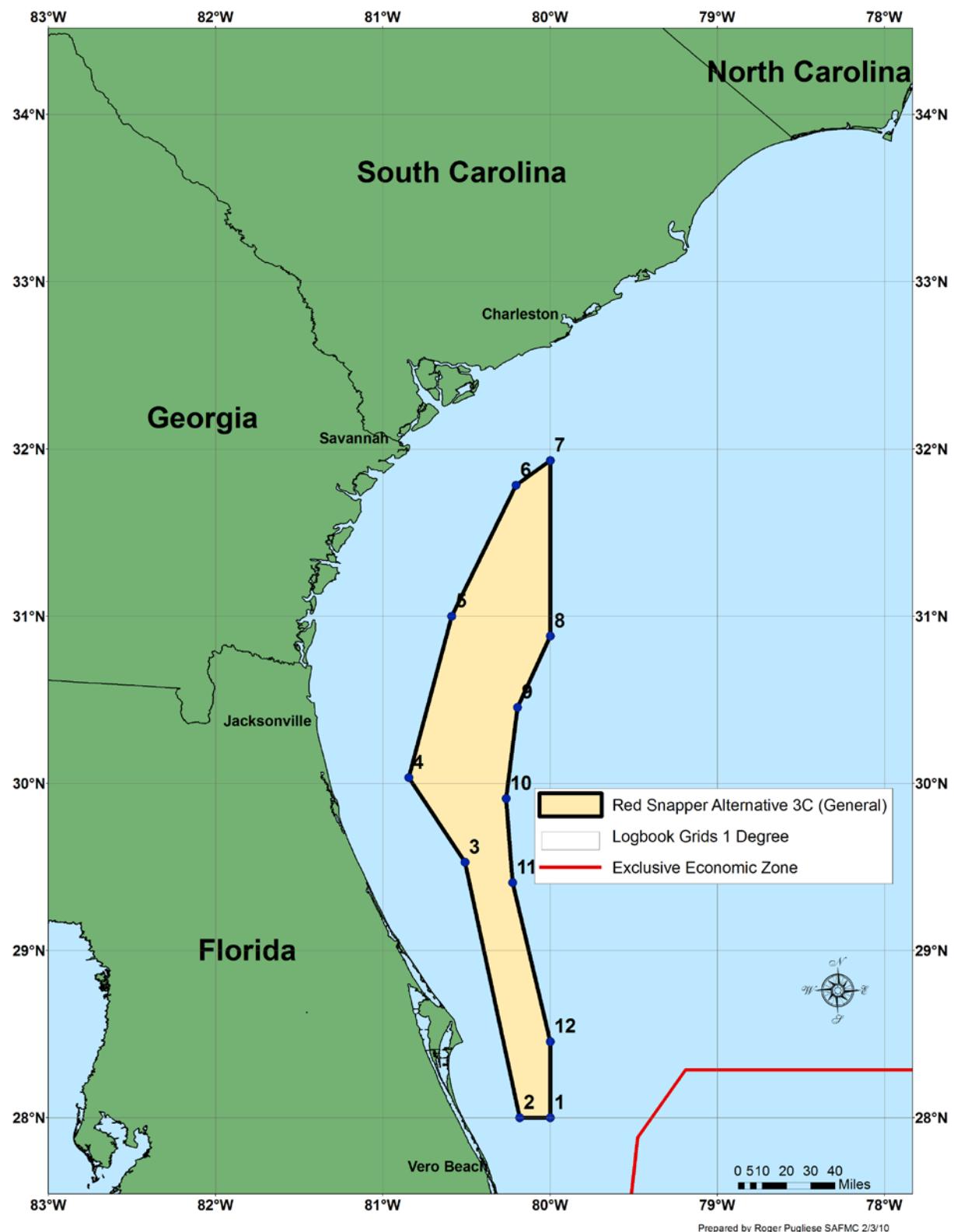
**Figure 8. Red Snapper Alternative 3C (98ft-240ft/Bathymetric) with Point Coordinates.**

**Table 4. Area Coordinates for Red Snapper Alternative 3C (98ft-240ft/Bathymetric).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 10' 15"
3	28° 29' 17"	-80° 17' 23"
4	29° 00' 00"	-80° 23' 30"
5	29° 24' 25"	-80° 36' 07"
6	29° 25' 39"	-80° 27' 21"
7	29° 59' 30"	-80° 51' 10"
8	30° 16' 02"	-80° 43' 36"
9	30° 20' 58"	-80° 53' 34"
10	30° 38' 08"	-80° 40' 18"
11	30° 53' 12"	-80° 42' 45"
12	31° 04' 00"	-80° 29' 29"
13	31° 14' 57"	-80° 33' 55"
14	31° 34' 11"	-80° 22' 34"
15	31° 44' 07"	-80° 14' 00"
16	31° 56' 00"	-80° 00' 00"
17	30° 55' 18"	-80° 00' 00"
18	30° 32' 40"	-80° 10' 00"
19	30° 07' 00"	-80° 16' 15"
20	29° 50' 25"	-80° 16' 38"
21	29° 35' 00"	-80° 15' 13"
22	29° 00' 00"	-80° 10' 10"
23	28° 30' 00"	-80° 00' 00"



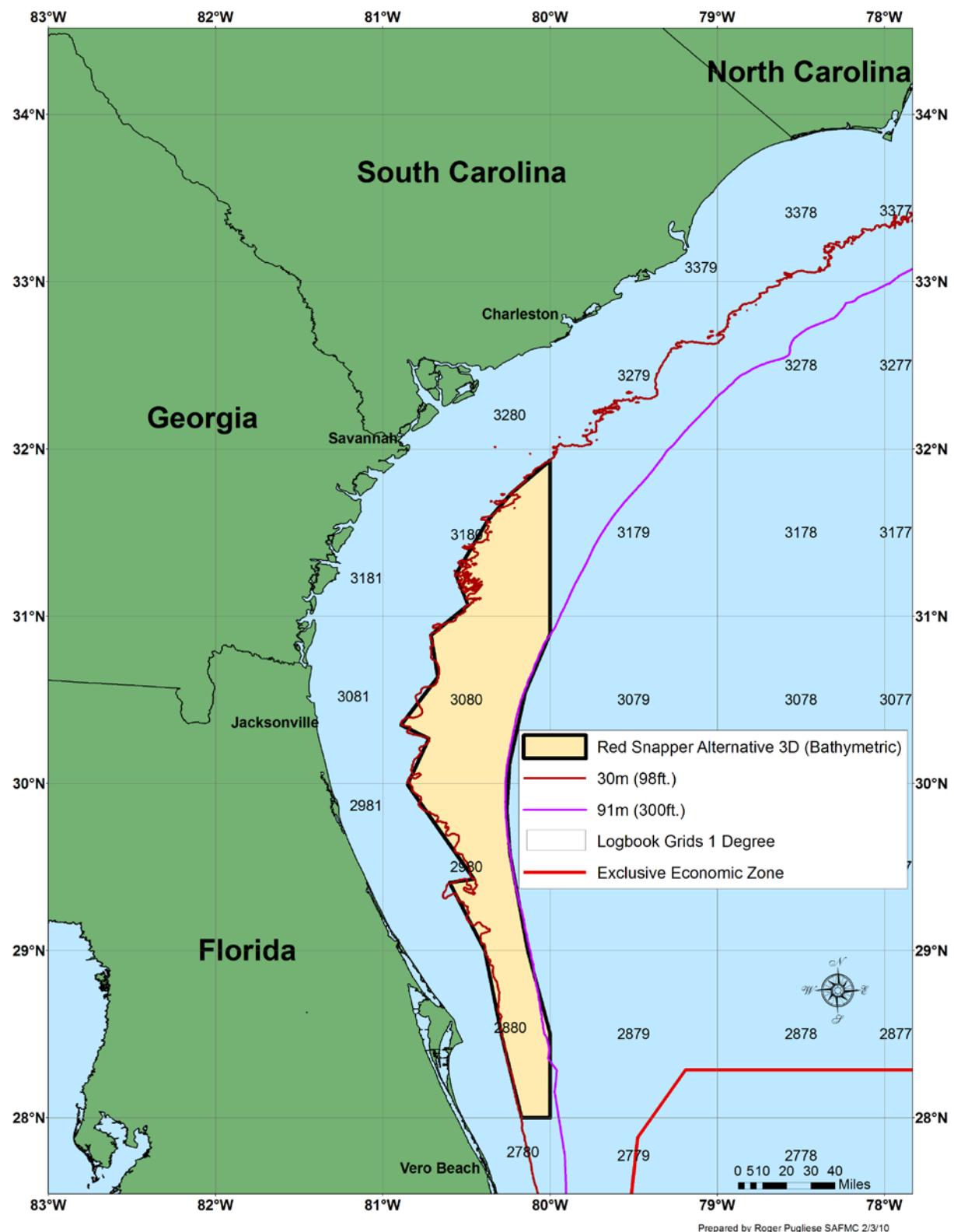
**Figure 9. Red Snapper Alternative 3C (98ft-240ft/Generalized).**



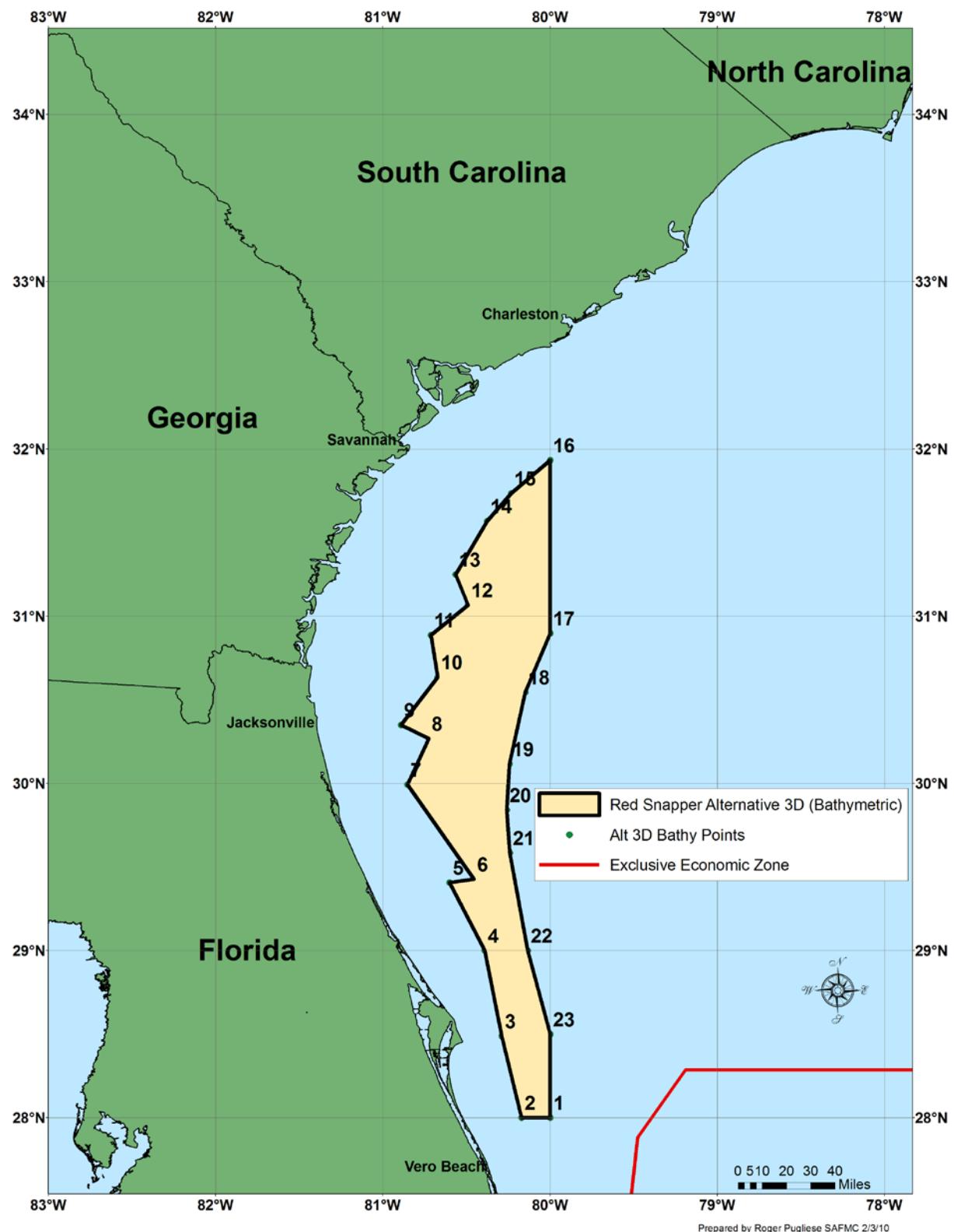
**Figure 10. Red Snapper Alternative 3C (98ft-240ft/Generalized) with Point Coordinates.**

**Table 5. Area Coordinates for Red Snapper Alternative 3C (98ft-240ft/Generalized).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 10' 57"
3	29° 31' 40"	-80° 30' 34"
4	30° 02' 03"	-80° 50' 45"
5	31° 00' 00"	-80° 35' 19"
6	31° 47' 00"	-80° 12' 15"
7	31° 55' 55"	-80° 00' 00"
8	30° 52' 54"	-80° 00' 00"
9	30° 27' 19"	-80° 11' 41"
10	29° 54' 31"	-80° 15' 51"
11	29° 24' 24"	-80° 13' 32"
12	28° 27' 20"	-80° 00' 00"



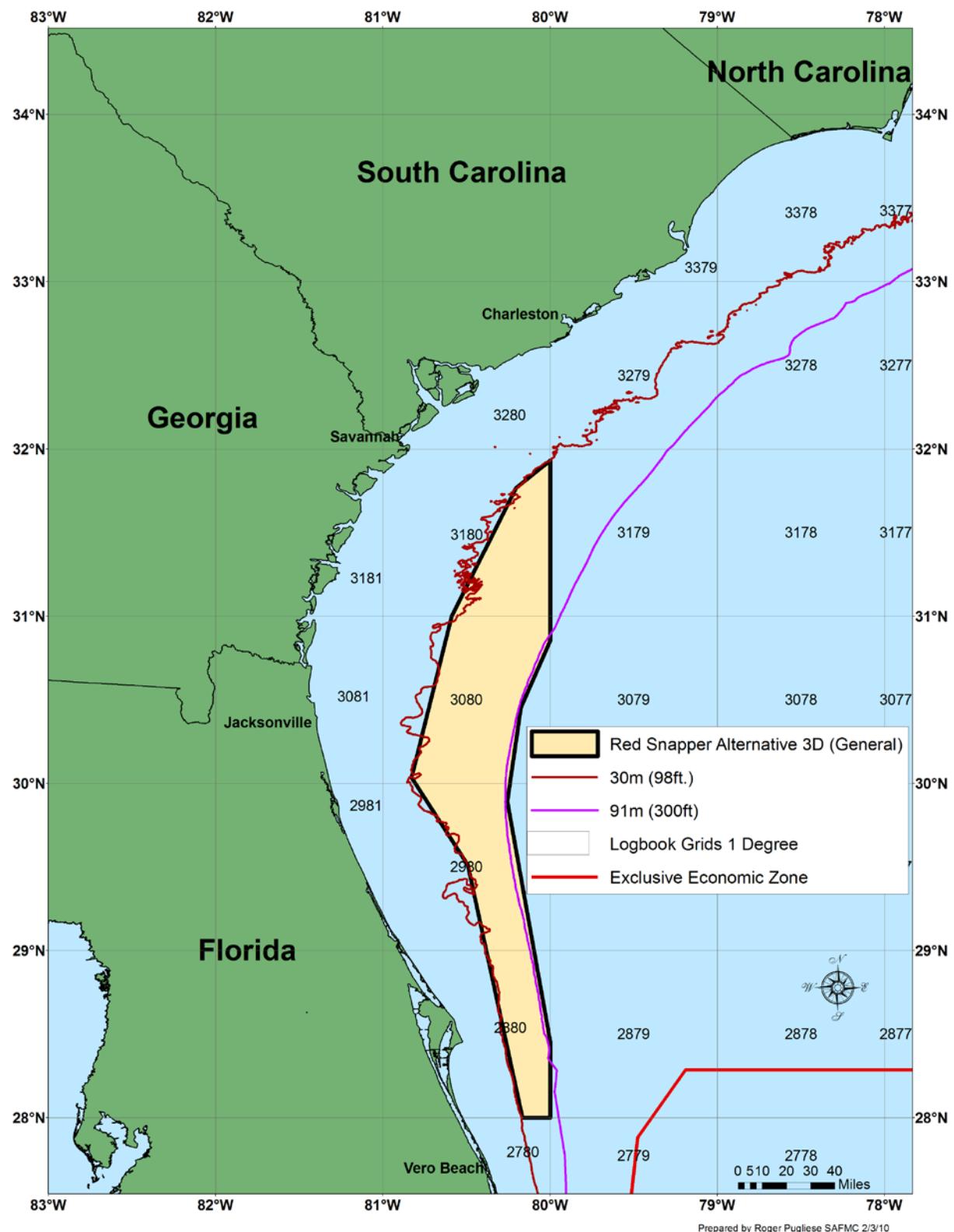
**Figure 11. Red Snapper Alternative 3D (98ft-300ft/Bathymetric).**



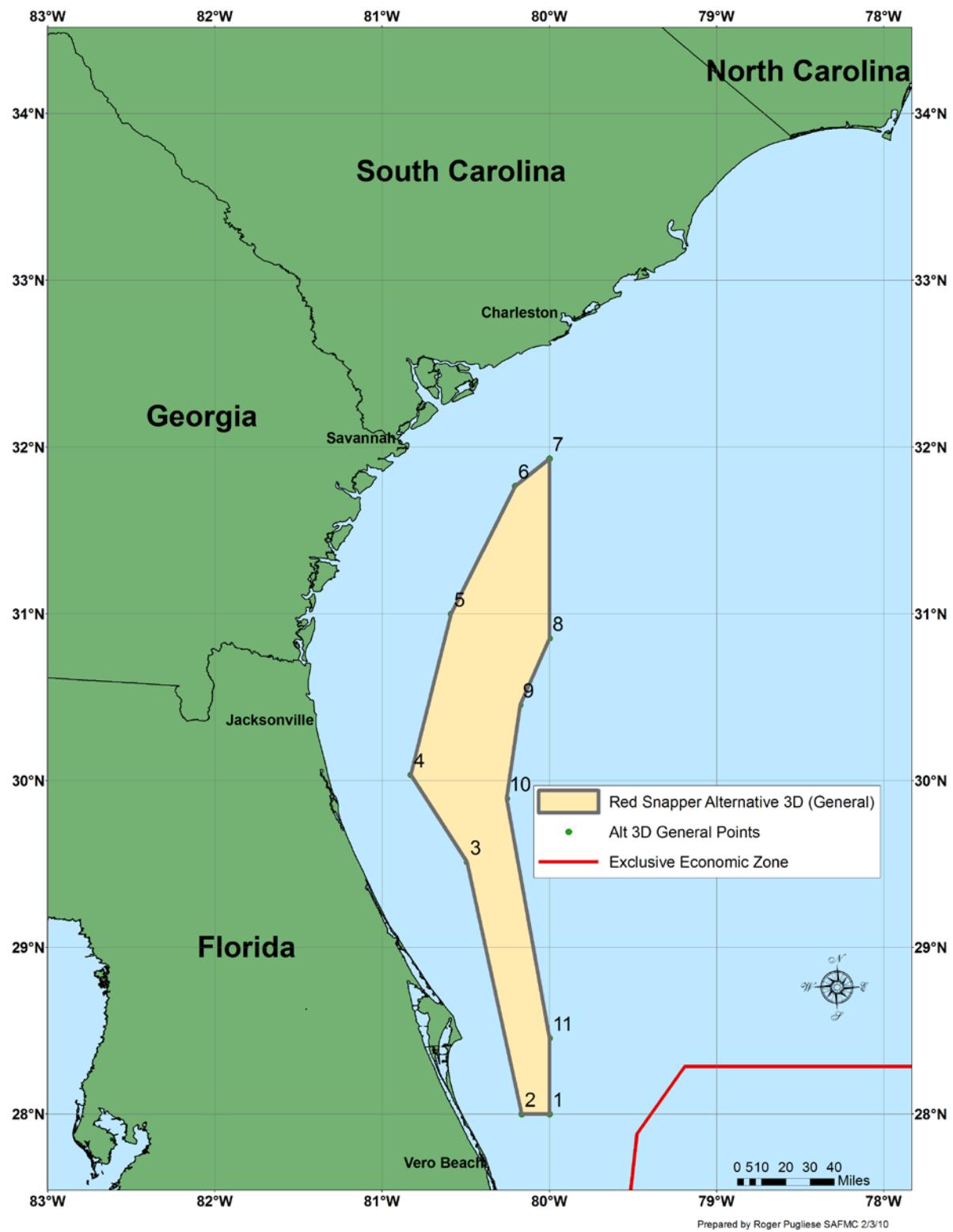
**Figure 12. Red Snapper Alternative 3D (98ft-300ft/Bathymetric) with Point Coordinates.**

**Table 6. Area Coordinates for Red Snapper Alternative 3D (98ft-300ft/Bathymetric).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 10' 15"
3	28° 29' 17"	-80° 17' 23"
4	29° 00' 00"	-80° 23' 30"
5	29° 24' 25"	-80° 36' 07"
6	29° 25' 39"	-80° 27' 21"
7	29° 59' 30"	-80° 51' 10"
8	30° 16' 02"	-80° 43' 36"
9	30° 20' 58"	-80° 53' 34"
10	30° 38' 08"	-80° 40' 18"
11	30° 53' 12"	-80° 42' 45"
12	31° 04' 00"	-80° 29' 29"
13	31° 14' 57"	-80° 33' 55"
14	31° 34' 11"	-80° 22' 34"
15	31° 44' 07"	-80° 14' 00"
16	31° 56' 00"	-80° 00' 00"
17	30° 53' 50"	-80° 00' 00"
18	30° 32' 40"	-80° 09' 00"
19	30° 07' 00"	-80° 14' 39"
20	29° 50' 25"	-80° 15' 39"
21	29° 35' 00"	-80° 14' 30"
22	29° 00' 00"	-80° 08' 04"
23	28° 30' 00"	-80° 00' 00"



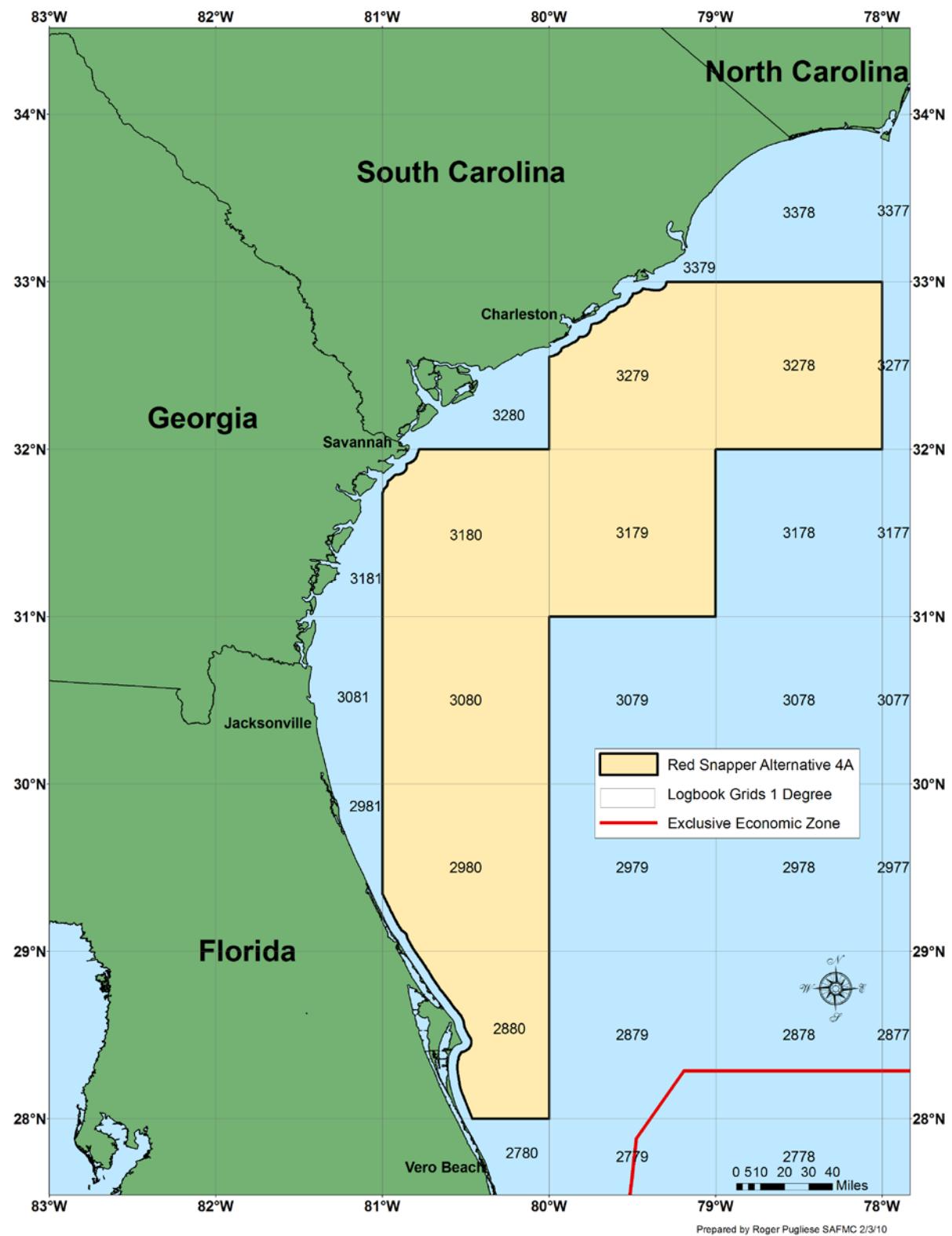
**Figure 13. Area Coordinates for Red Snapper Alternative 3D (98ft-300ft/Generalized).**



**Figure 14. Area Coordinates for Red Snapper Alternative 3D (98ft-300ft/Generalized) with Point Coordinates.**

**Table 7. Area Coordinates for Red Snapper Alternative 3D (98ft-300ft/Generalized).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 09' 57"
3	29° 30' 40"	-80° 29' 34"
4	30° 02' 03"	-80° 49' 45"
5	31° 00' 00"	-80° 35' 19"
6	31° 46' 00"	-80° 12' 15"
7	31° 55' 55"	-80° 00' 00"
8	30° 51' 13"	-80° 00' 00"
9	30° 27' 19"	-80° 10' 34"
10	29° 53' 31"	-80° 15' 25"
11	28° 27' 20"	-80° 00' 00"



**Figure 15. Red Snapper Alternative 4A (Seven Grid).**

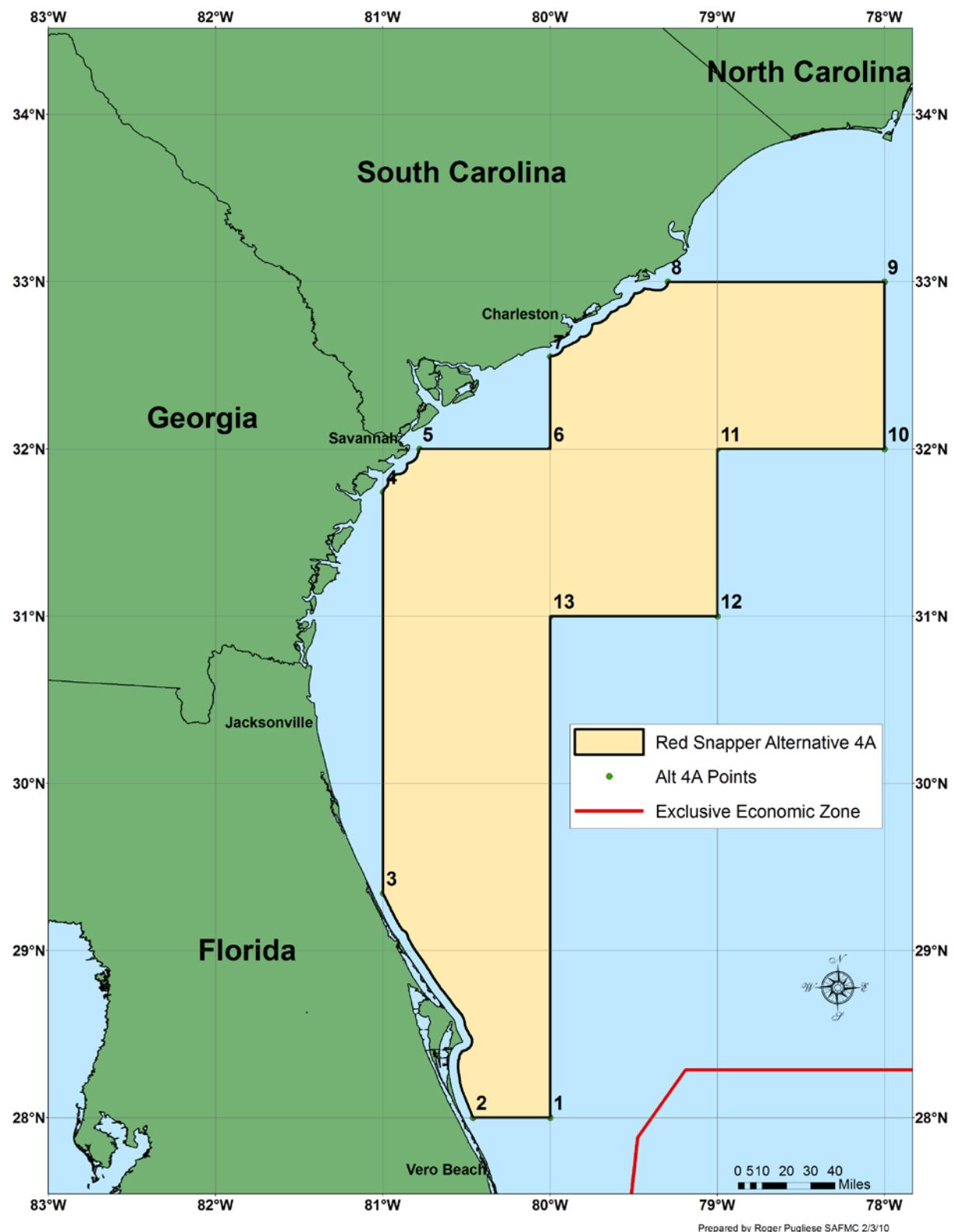


Figure 16. Red Snapper Alternative 4A (Seven Grid) with Point Coordinates.

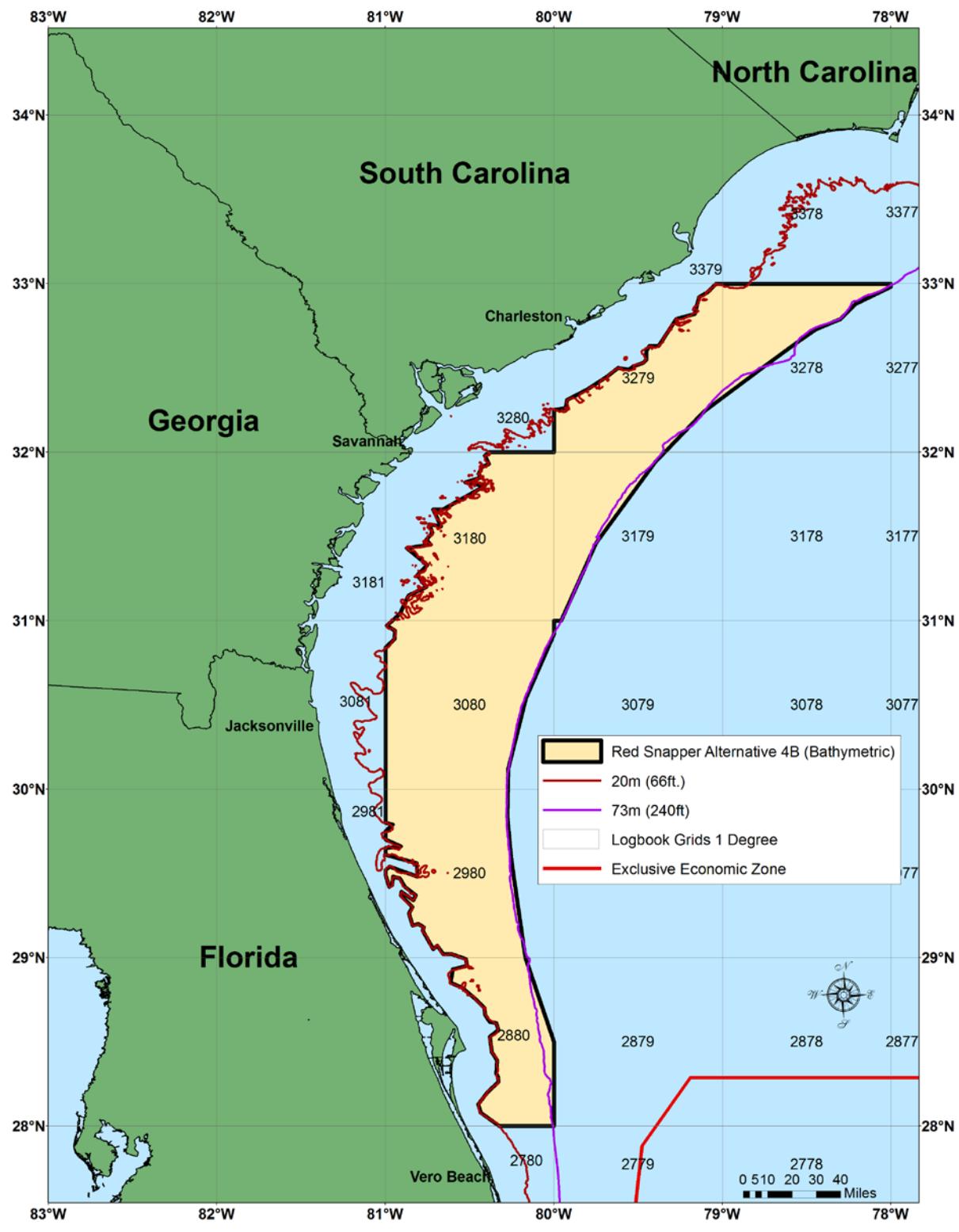
**Table 8. Area Coordinates for Red Snapper Alternative 4A (Seven Grid).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 27' 42"
3	29° 20' 33"	-81° 00' 00"
4	31° 44' 32"	-81° 00' 00"
5	32° 00' 00"	-80° 46' 56"
6	32° 00' 00"	-80° 00' 00"
7	32° 33' 08"	-80° 00' 00"
8	33° 00' 00"	-79° 17' 45"
9	33° 00' 00"	-78° 00' 00"
10	32° 00' 00"	-78° 00' 00"
11	32° 00' 00"	-79° 00' 00"
12	31° 00' 00"	-79° 00' 00"
13	31° 00' 00"	-80° 00' 00"

**Between point 2 and point 3, line follows inner boundary of U.S. EEZ.**

**Between point 4 and point 5, line follows inner boundary of U.S. EEZ.**

**Between point 7 and point 8, line follows Inner boundary of U.S. EEZ.**



Prepared by Roger Pugliese SAFMC 2/3/10

Figure 17. Red Snapper Alternative 4B (66ft-240ft/Bathymetric).

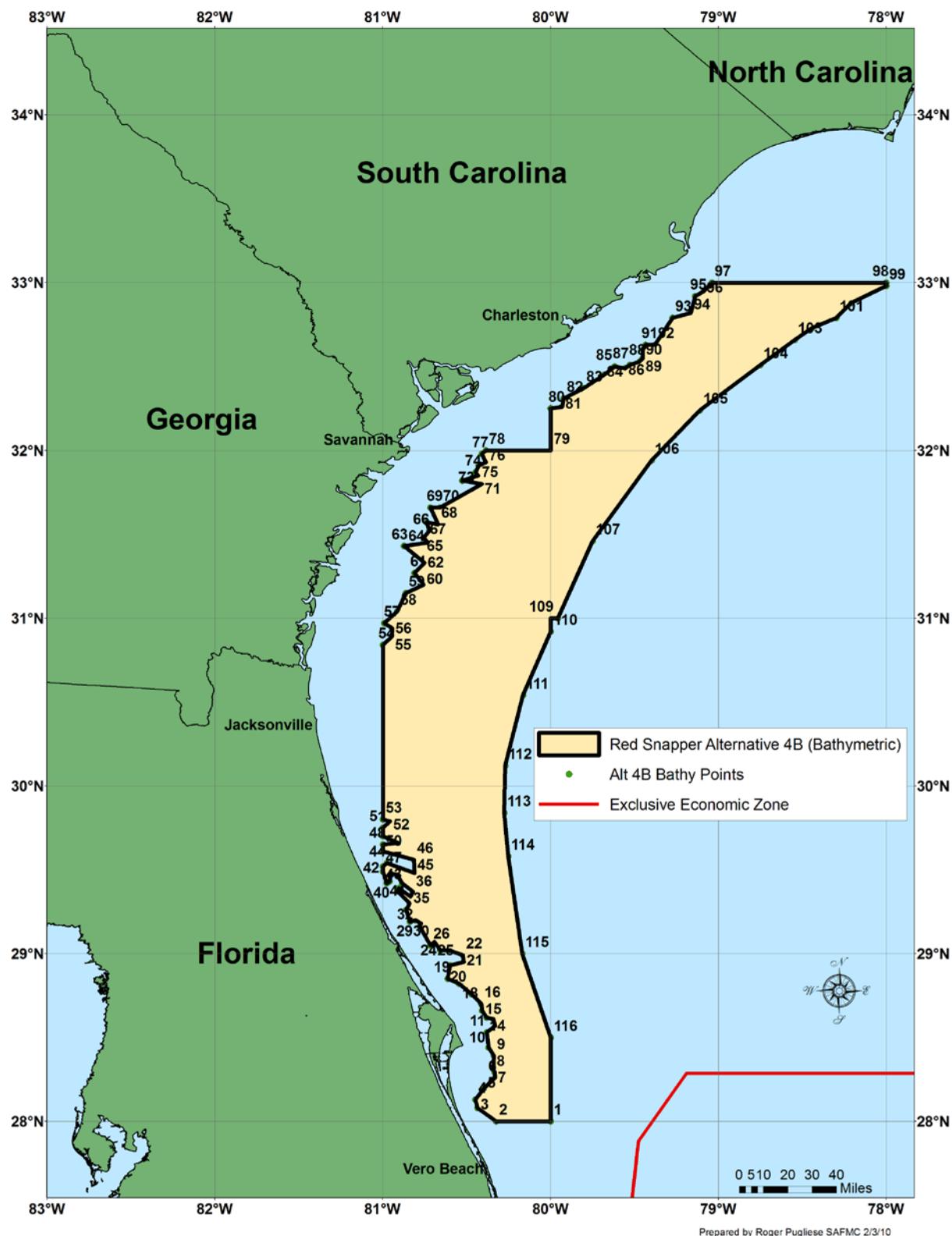


Figure 18. Red Snapper Alternative 4B (66ft-240ft/Bathymetric) with Point Coordinates.

**Table 9. Area Coordinates for Red Snapper Alternative 4B (66ft-240ft/Bathymetric).**

ID	LAT_DMS	LON_DMS		
1	28° 00' 00"	-80° 00' 00"	40	29° 25' 38"
2	28° 00' 00"	-80° 19' 30"	41	29° 25' 10"
3	28° 04' 39"	-80° 26' 11"	42	29° 29' 30"
4	28° 07' 43"	-80° 26' 56"	43	29° 31' 26"
5	28° 12' 08"	-80° 23' 46"	44	29° 32' 31"
6	28° 15' 27"	-80° 19' 50"	45	29° 28' 48"
7	28° 17' 09"	-80° 19' 58"	46	29° 33' 51"
8	28° 18' 20"	-80° 20' 27"	47	29° 36' 44"
9	28° 23' 33"	-80° 20' 17"	48	29° 39' 02"
10	28° 26' 19"	-80° 22' 08"	49	29° 39' 18"
11	28° 31' 34"	-80° 22' 48"	50	29° 42' 08"
12	28° 34' 00"	-80° 19' 50"	51	29° 44' 44"
13	28° 36' 20"	-80° 20' 28"	52	29° 47' 08"
14	28° 37' 05"	-80° 22' 58"	53	29° 48' 05"
15	28° 39' 49"	-80° 24' 28"	54	30° 50' 16"
16	28° 41' 42"	-80° 24' 48"	55	30° 53' 39"
17	28° 45' 40"	-80° 28' 22"	56	30° 56' 25"
18	28° 49' 06"	-80° 32' 45"	57	30° 57' 56"
19	28° 50' 45"	-80° 36' 51"	58	31° 02' 34"
20	28° 55' 31"	-80° 36' 00"	59	31° 08' 43"
21	28° 57' 07"	-80° 31' 04"	60	31° 12' 01"
22	28° 59' 10"	-80° 31' 19"	61	31° 16' 09"
23	29° 01' 21"	-80° 36' 26"	62	31° 20' 05"
24	29° 01' 03"	-80° 39' 27"	63	31° 26' 03"
25	29° 04' 17"	-80° 41' 32"	64	31° 26' 45"
26	29° 03' 10"	-80° 43' 00"	65	31° 28' 48"
27	29° 09' 34"	-80° 46' 48"	66	31° 31' 03"
28	29° 10' 39"	-80° 46' 17"	67	31° 34' 23"
29	29° 12' 00"	-80° 48' 18"	68	31° 33' 50"
30	29° 11' 22"	-80° 50' 18"	69	31° 39' 37"
31	29° 15' 26"	-80° 51' 39"	70	31° 39' 21"
32	29° 17' 59"	-80° 50' 28"	71	31° 48' 09"
33	29° 21' 59"	-80° 54' 32"	72	31° 49' 08"
34	29° 23' 17"	-80° 54' 17"	73	31° 51' 08"
35	29° 20' 34"	-80° 50' 08"	74	31° 52' 17"
36	29° 22' 01"	-80° 49' 15"	75	31° 54' 38"
37	29° 25' 07"	-80° 53' 04"	76	31° 55' 55"
38	29° 28' 06"	-80° 54' 54"	77	31° 58' 44"
39	29° 28' 31"	-80° 57' 20"	78	32° 00' 00"
			79	32° 00' 00"

80	32° 15' 03"	-80° 00' 01"		99	32° 58' 50"	-78° 00' 00"
81	32° 15' 53"	-79° 55' 54"		100	32° 53' 02"	-78° 12' 38"
82	32° 18' 27"	-79° 55' 19"		101	32° 47' 21"	-78° 17' 49"
83	32° 21' 54"	-79° 48' 17"		102	32° 43' 47"	-78° 26' 40"
84	32° 26' 49"	-79° 40' 58"		103	32° 39' 37"	-78° 32' 45"
85	32° 29' 56"	-79° 37' 06"		104	32° 30' 36"	-78° 45' 00"
86	32° 29' 10"	-79° 33' 22"		105	32° 14' 24"	-79° 06' 36"
87	32° 30' 48"	-79° 31' 41"		106	31° 56' 24"	-79° 24' 00"
88	32° 31' 41"	-79° 28' 11"		107	31° 27' 36"	-79° 45' 00"
89	32° 33' 14"	-79° 27' 05"		108	31° 00' 00"	-79° 57' 28"
90	32° 35' 47"	-79° 27' 04"		109	31° 00' 00"	-80° 00' 00"
91	32° 37' 33"	-79° 26' 02"		110	30° 55' 18"	-80° 00' 00"
92	32° 37' 31"	-79° 22' 41"		111	30° 32' 40"	-80° 10' 00"
93	32° 47' 39"	-79° 16' 27"		112	30° 07' 00"	-80° 16' 15"
94	32° 49' 27"	-79° 09' 53"		113	29° 50' 25"	-80° 16' 38"
95	32° 55' 16"	-79° 08' 22"		114	29° 35' 00"	-80° 15' 13"
96	32° 57' 12"	-79° 05' 14"		115	29° 00' 00"	-80° 10' 10"
97	33° 00' 00"	-79° 02' 23"		116	28° 30' 00"	-80° 00' 00"
98	33° 00' 00"	-78° 00' 00"				

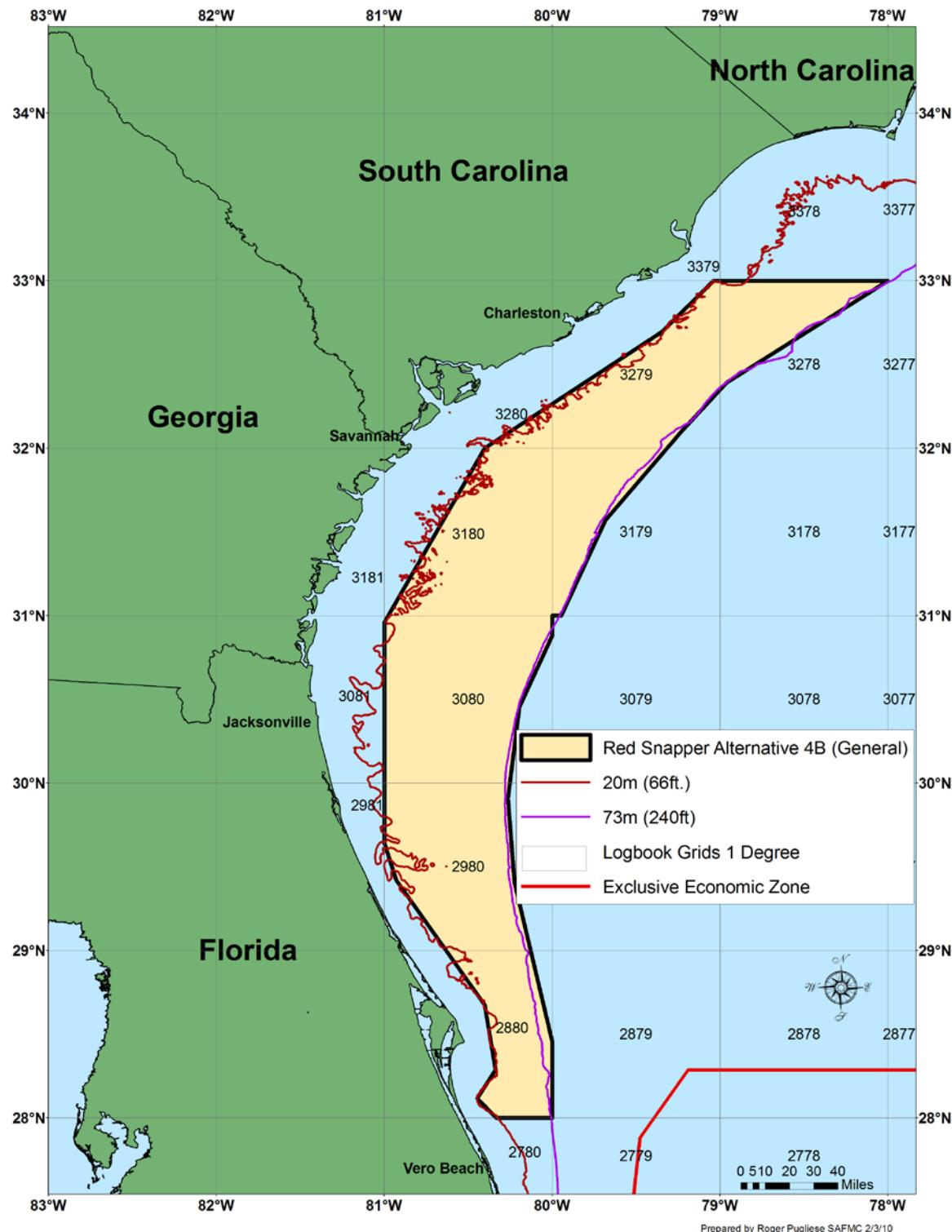


Figure 19. Red Snapper Alternative 4B (66ft-240ft/Generalized).

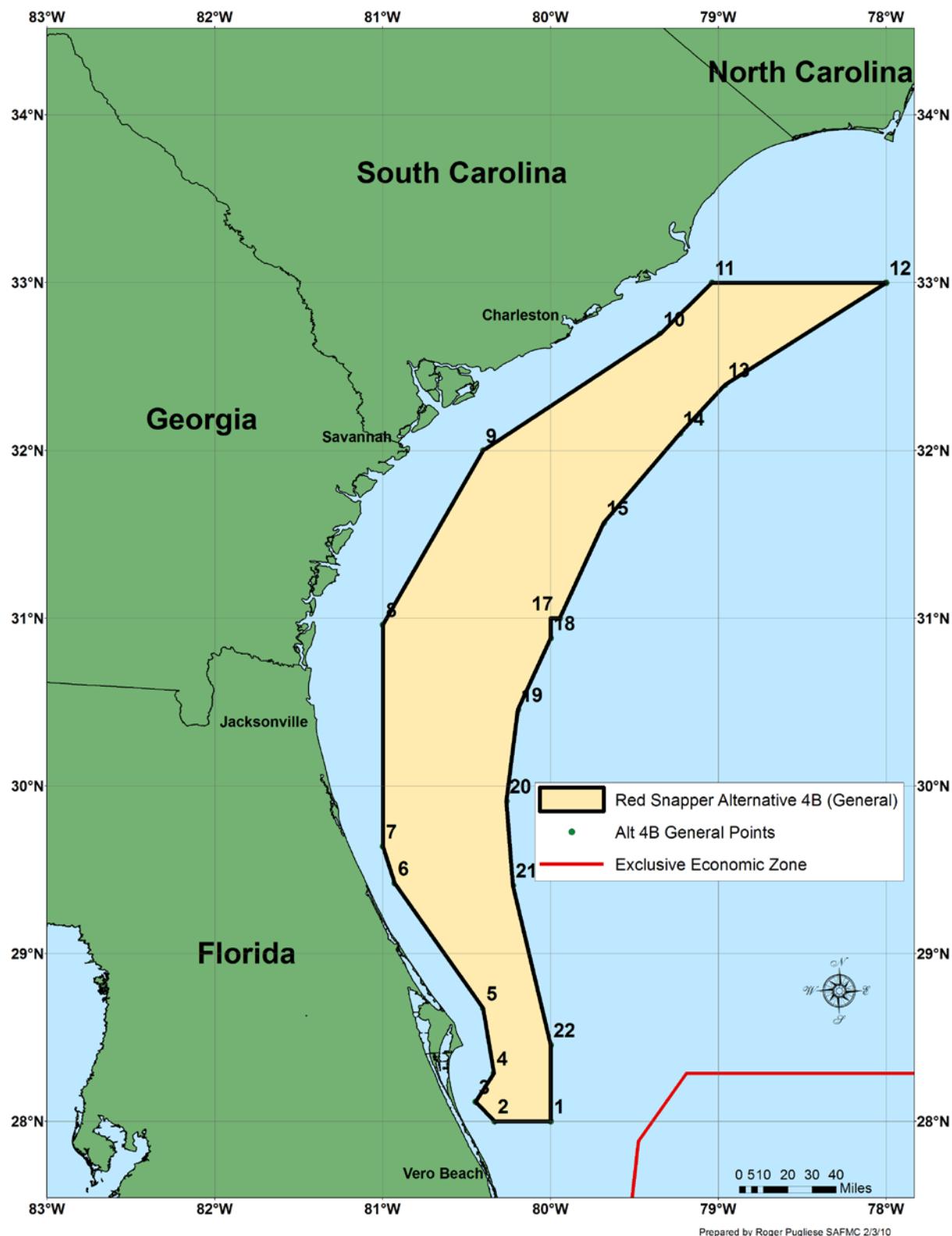


Figure 20. Red Snapper Alternative 4B (66ft-240ft/Generalized) with Point Coordinates.

**Table 10. Area Coordinates for Red Snapper Alternative 4B (66ft-240ft/Generalized).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 20' 01"
3	28° 06' 58"	-80° 26' 49"
4	28° 17' 14"	-80° 20' 19"
5	28° 40' 32"	-80° 24' 09"
6	29° 25' 09"	-80° 55' 44"
7	29° 38' 20"	-81° 00' 00"
8	30° 57' 40"	-81° 00' 00"
9	32° 00' 00"	-80° 24' 12"
10	32° 41' 38"	-79° 20' 50"
11	33° 00' 00"	-79° 02' 22"
12	33° 00' 00"	-78° 00' 00"
13	32° 23' 28"	-78° 57' 38"
14	32° 06' 03"	-79° 13' 46"
15	31° 34' 08"	-79° 41' 03"
16	31° 00' 00"	-79° 56' 43"
17	31° 00' 00"	-80° 00' 00"
18	30° 52' 54"	-80° 00' 00"
19	30° 27' 19"	-80° 11' 41"
20	29° 54' 31"	-80° 15' 51"
21	29° 24' 24"	-80° 13' 32"
22	28° 27' 20"	-80° 00' 00"

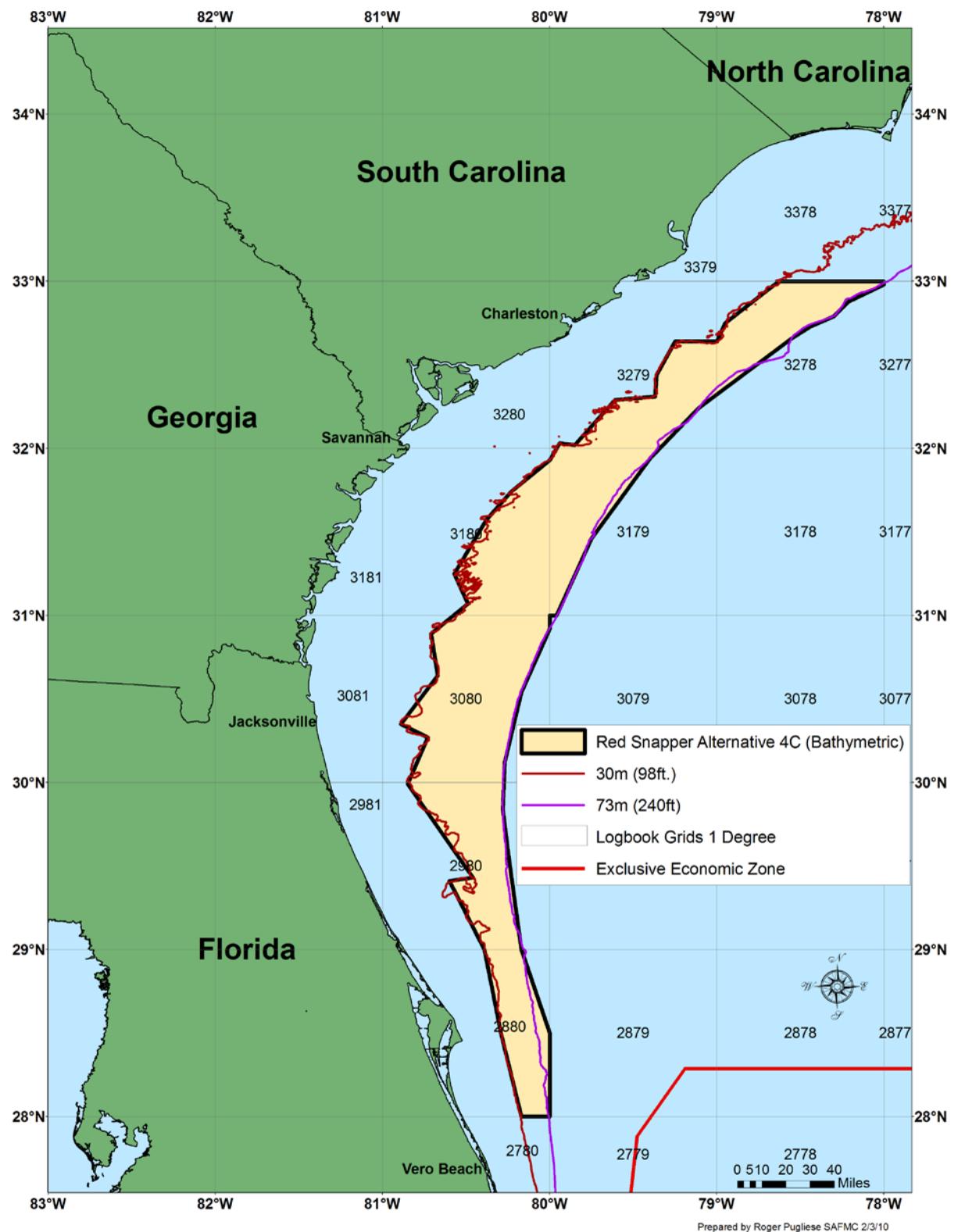


Figure 21. Red Snapper Alternative 4C (98ft-240ft/Bathymetric).

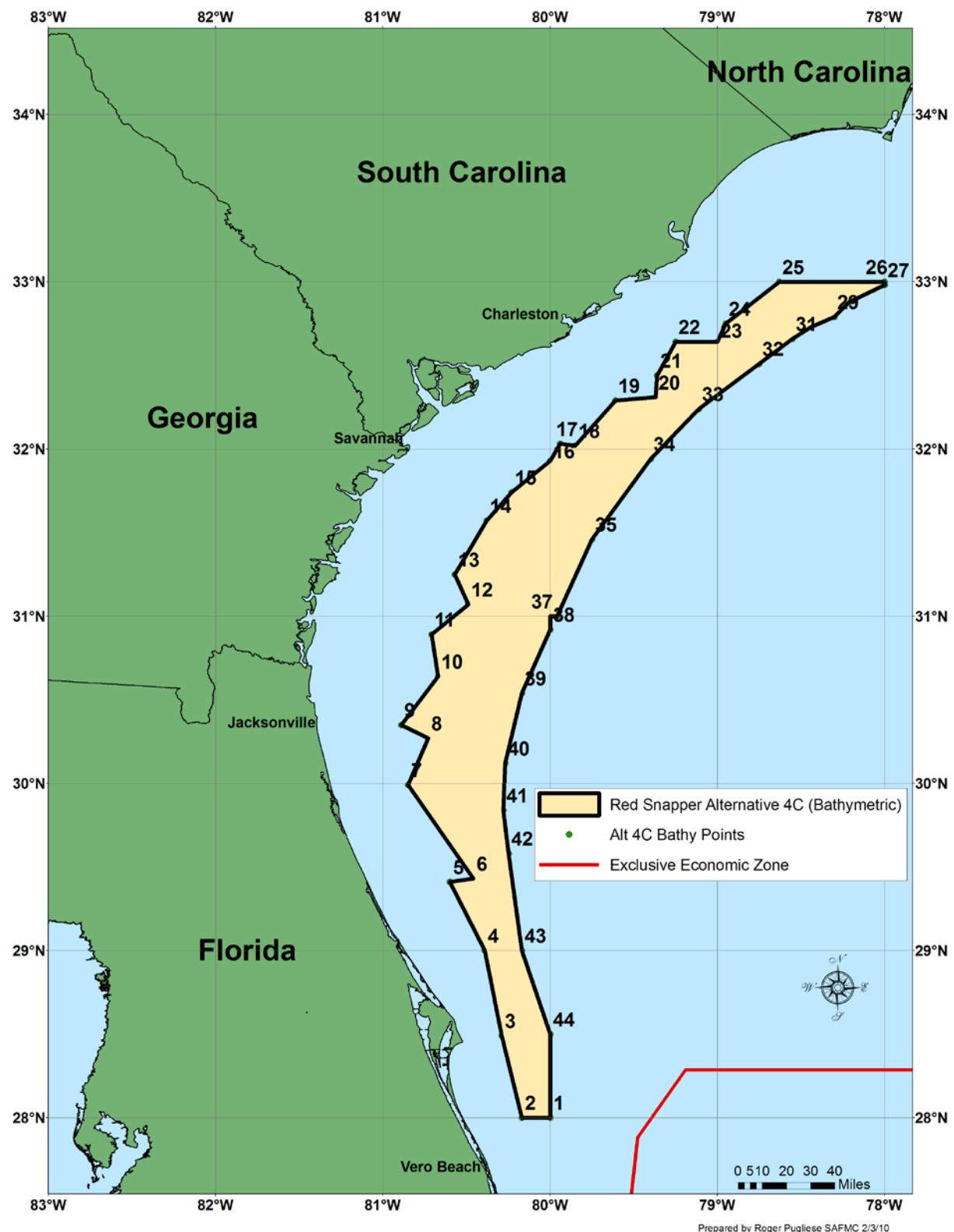
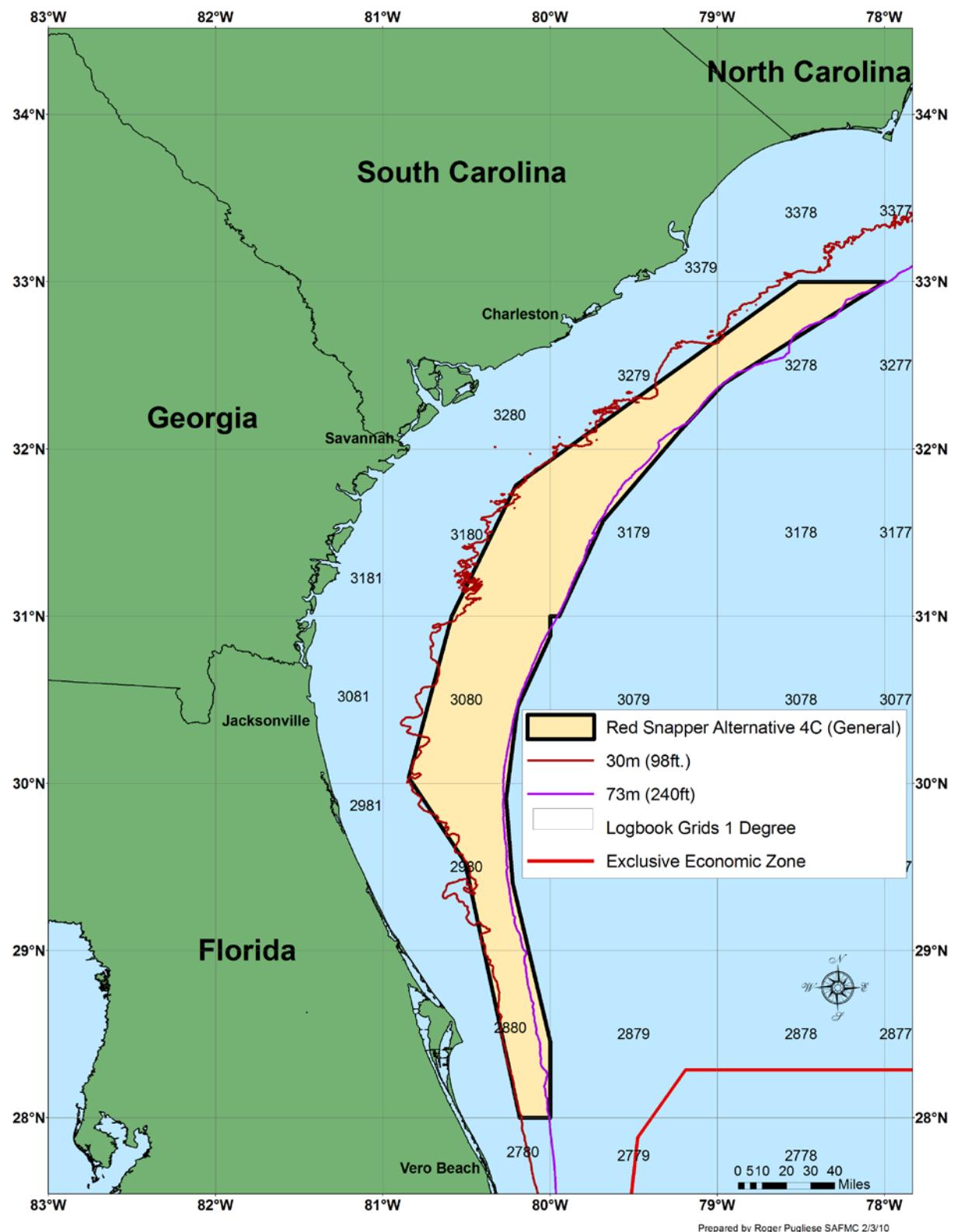


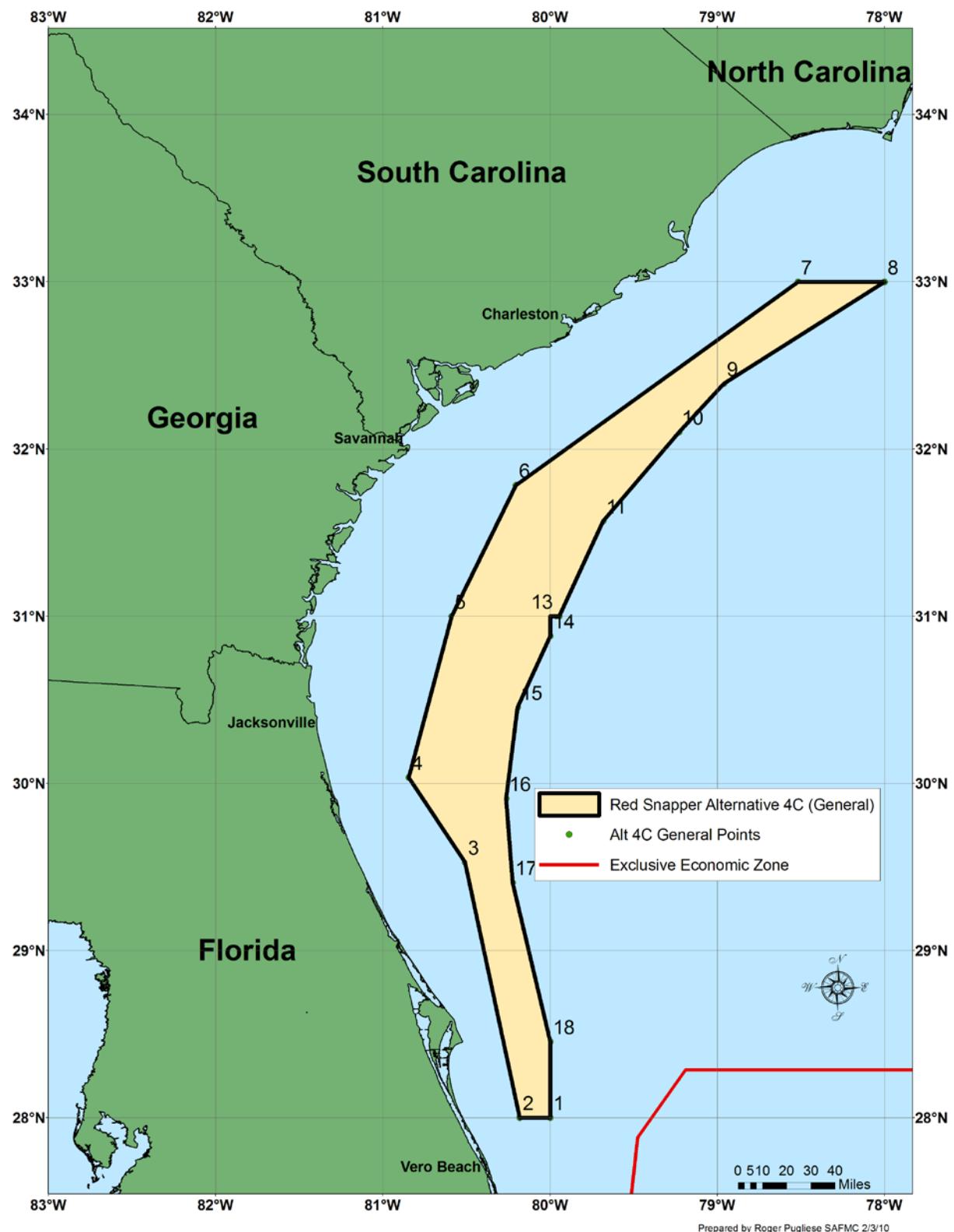
Figure 22. Red Snapper Alternative 4C (98ft-240ft/Bathymetric) with Point Coordinates.

**Table 11. Area Coordinates for Red Snapper Alternative 4C (98ft-240ft/Bathymetric).**

ID	LAT_DMS	LONG_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 10' 15"
3	28° 29' 17"	-80° 17' 23"
4	29° 00' 00"	-80° 23' 30"
5	29° 24' 25"	-80° 36' 07"
6	29° 25' 39"	-80° 27' 21"
7	29° 59' 30"	-80° 51' 10"
8	30° 16' 02"	-80° 43' 36"
9	30° 20' 58"	-80° 53' 34"
10	30° 38' 08"	-80° 40' 18"
11	30° 53' 12"	-80° 42' 45"
12	31° 04' 00"	-80° 29' 29"
13	31° 14' 57"	-80° 33' 55"
14	31° 34' 11"	-80° 22' 34"
15	31° 44' 07"	-80° 14' 00"
16	31° 56' 00"	-80° 00' 00"
17	32° 02' 00"	-79° 56' 31"
18	32° 01' 12"	-79° 50' 43"
19	32° 17' 21"	-79° 36' 42"
20	32° 18' 38"	-79° 22' 01"
21	32° 26' 25"	-79° 21' 53"
22	32° 38' 13"	-79° 14' 52"
23	32° 38' 24"	-79° 00' 00"
24	32° 45' 05"	-78° 57' 05"
25	33° 00' 00"	-78° 37' 53"
26	33° 00' 00"	-78° 00' 00"
27	32° 58' 50"	-78° 00' 00"
28	32° 53' 02"	-78° 12' 38"
29	32° 47' 21"	-78° 17' 49"
30	32° 43' 47"	-78° 26' 40"
31	32° 39' 37"	-78° 32' 45"
32	32° 30' 36"	-78° 45' 00"
33	32° 14' 24"	-79° 06' 36"
34	31° 56' 24"	-79° 24' 00"
35	31° 27' 36"	-79° 45' 00"
36	31° 00' 00"	-79° 57' 28"
37	31° 00' 00"	-80° 00' 00"
38	30° 55' 18"	-80° 00' 00"
39	30° 32' 40"	-80° 10' 00"
40	30° 07' 00"	-80° 16' 15"
41	29° 50' 25"	-80° 16' 38"
42	29° 35' 00"	-80° 15' 13"
43	29° 00' 00"	-80° 10' 10"
44	28° 30' 00"	-80° 00' 00"



**Figure 23. Red Snapper Alternative 4C (98ft-240ft/Generalized).**



**Figure 24. Red Snapper Alternative 4C (98ft-240ft/Generalized) with Point Coordinates.**

**Table 12. Area Coordinates for Red Snapper Alternative 4C (98ft-240ft/Generalized).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 10' 57"
3	29° 31' 40"	-80° 30' 34"
4	30° 02' 03"	-80° 50' 45"
5	31° 00' 00"	-80° 35' 19"
6	31° 47' 00"	-80° 12' 15"
7	33° 00' 00"	-78° 31' 05"
8	33° 00' 00"	-78° 00' 00"
9	32° 23' 28"	-78° 57' 38"
10	32° 06' 03"	-79° 13' 46"
11	31° 34' 08"	-79° 41' 03"
12	31° 00' 00"	-79° 56' 43"
13	31° 00' 00"	-80° 00' 00"
14	30° 52' 54"	-80° 00' 00"
15	30° 27' 19"	-80° 11' 41"
16	29° 54' 31"	-80° 15' 51"
17	29° 24' 24"	-80° 13' 32"
18	28° 27' 20"	-80° 00' 00"

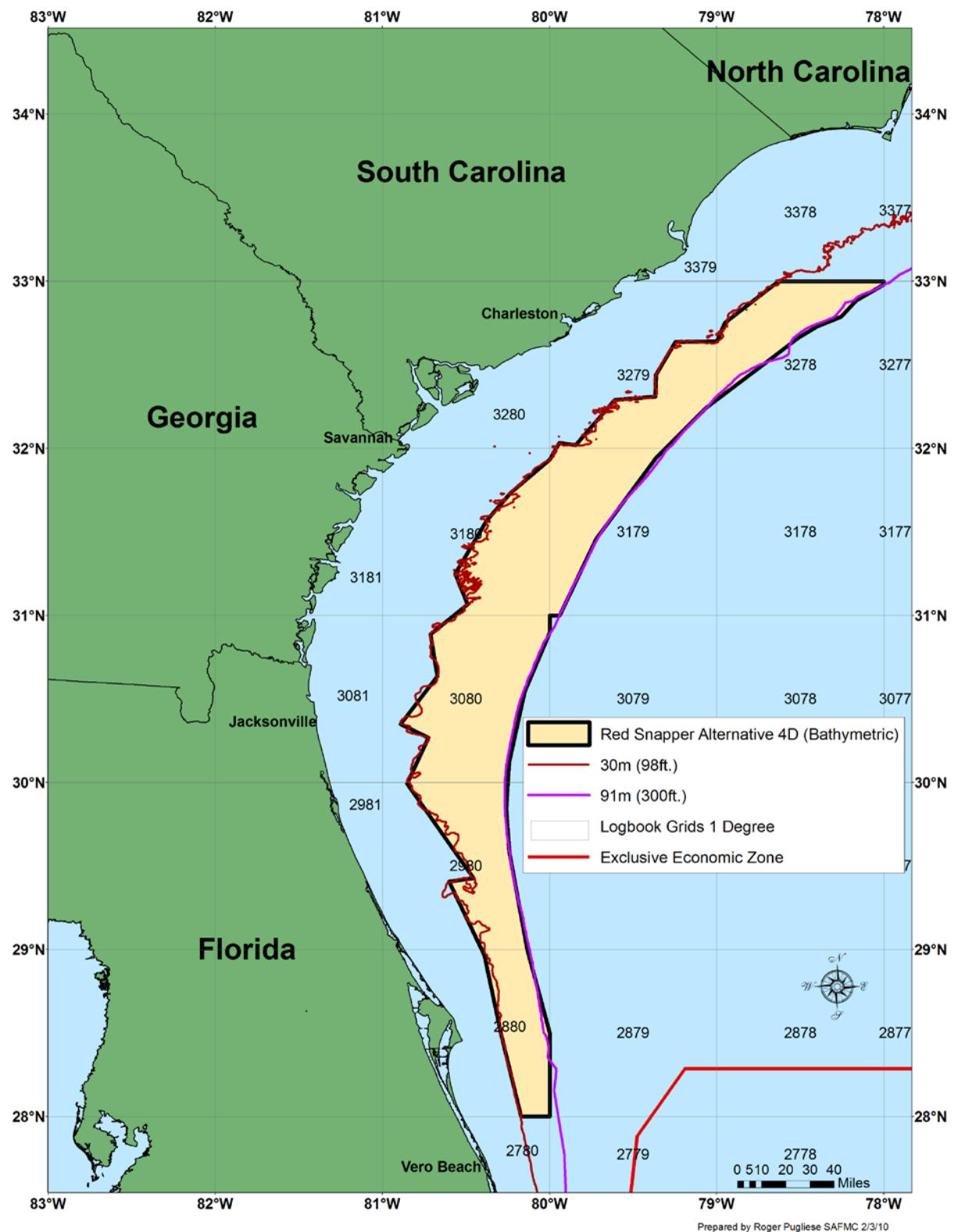


Figure 25. Red Snapper Alternative 4D (98ft-300ft/Bathymetric).

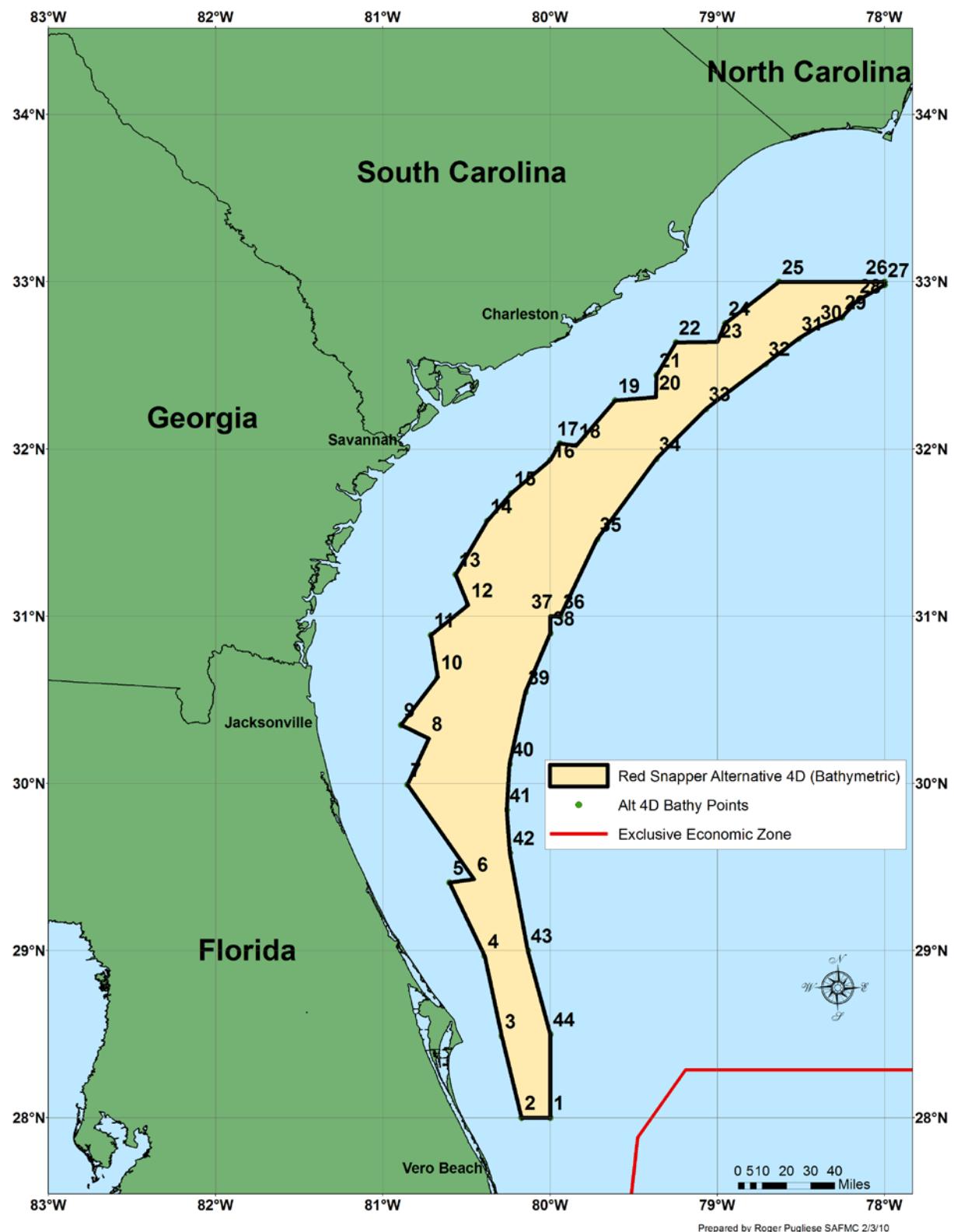


Figure 26. Red Snapper Alternative 4D (98ft-300ft/Bathymetric) with Point Coordinates.

**Table 13. Area Coordinates for Red Snapper Alternative 4D (98ft-300ft/Bathymetric).**

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 10' 15"
3	28° 29' 17"	-80° 17' 23"
4	29° 00' 00"	-80° 23' 30"
5	29° 24' 25"	-80° 36' 07"
6	29° 25' 39"	-80° 27' 21"
7	29° 59' 30"	-80° 51' 10"
8	30° 16' 02"	-80° 43' 36"
9	30° 20' 58"	-80° 53' 34"
10	30° 38' 08"	-80° 40' 18"
11	30° 53' 12"	-80° 42' 45"
12	31° 04' 00"	-80° 29' 29"
13	31° 14' 57"	-80° 33' 55"
14	31° 34' 11"	-80° 22' 34"
15	31° 44' 07"	-80° 14' 00"
16	31° 56' 00"	-80° 00' 00"
17	32° 02' 00"	-79° 56' 31"
18	32° 01' 12"	-79° 50' 43"
19	32° 17' 21"	-79° 36' 42"
20	32° 18' 38"	-79° 22' 01"
21	32° 26' 25"	-79° 21' 53"
22	32° 38' 13"	-79° 14' 52"
23	32° 38' 24"	-79° 00' 00"
24	32° 45' 05"	-78° 57' 05"
25	33° 00' 00"	-78° 37' 53"
26	33° 00' 00"	-78° 00' 00"
27	32° 58' 50"	-78° 00' 00"
28	32° 53' 02"	-78° 10' 01"
29	32° 47' 21"	-78° 15' 20"
30	32° 43' 47"	-78° 24' 06"
31	32° 39' 37"	-78° 30' 52"
32	32° 30' 36"	-78° 42' 43"
33	32° 14' 24"	-79° 04' 07"
34	31° 56' 24"	-79° 22' 00"
35	31° 27' 36"	-79° 43' 17"
36	31° 00' 00"	-79° 56' 27"
37	31° 00' 00"	-80° 00' 00"
38	30° 53' 50"	-80° 00' 00"
39	30° 32' 40"	-80° 09' 00"
40	30° 07' 00"	-80° 14' 39"
41	29° 50' 25"	-80° 15' 39"
42	29° 35' 00"	-80° 14' 30"
43	29° 00' 00"	-80° 08' 04"
44	28° 30' 00"	-80° 00' 00"

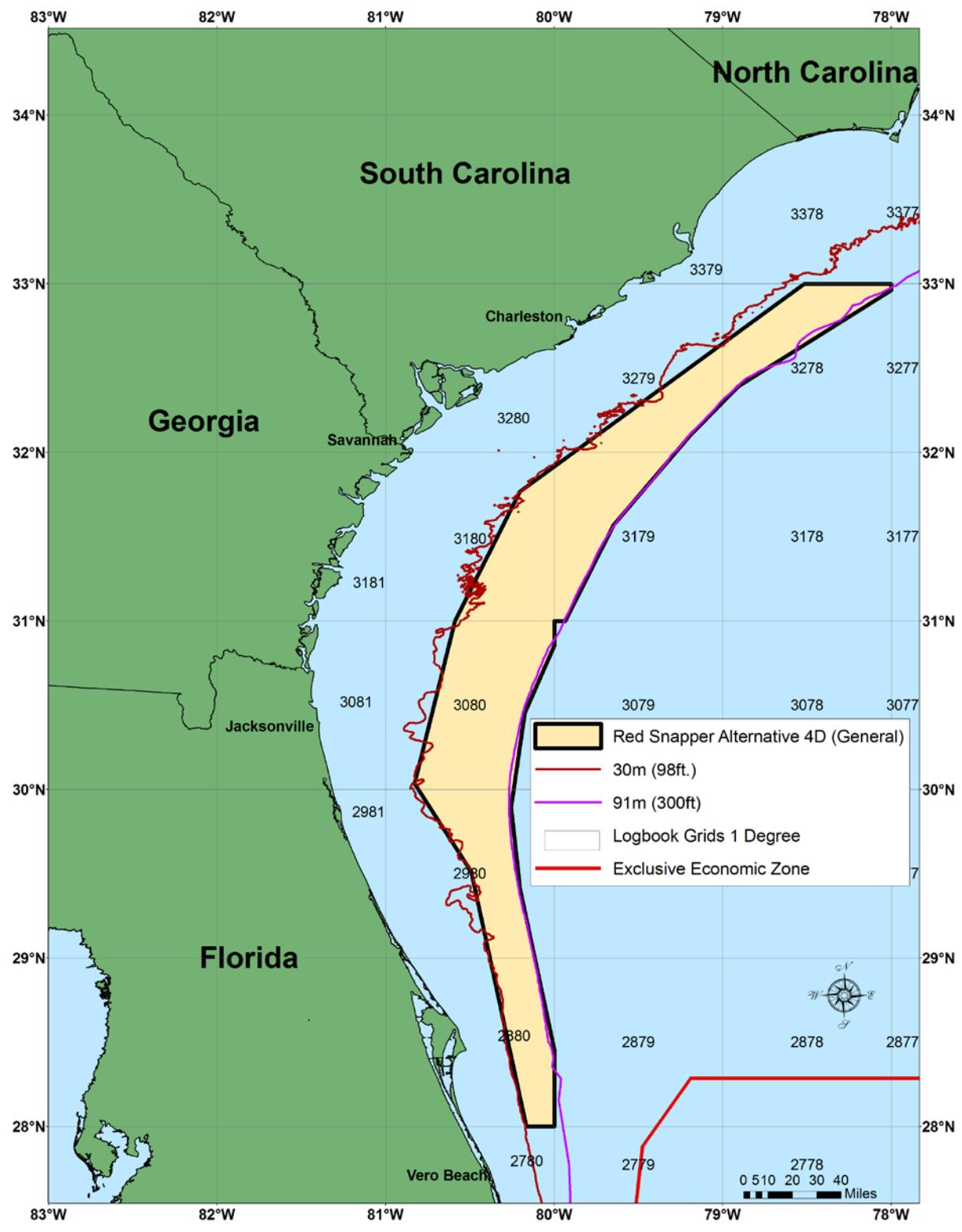
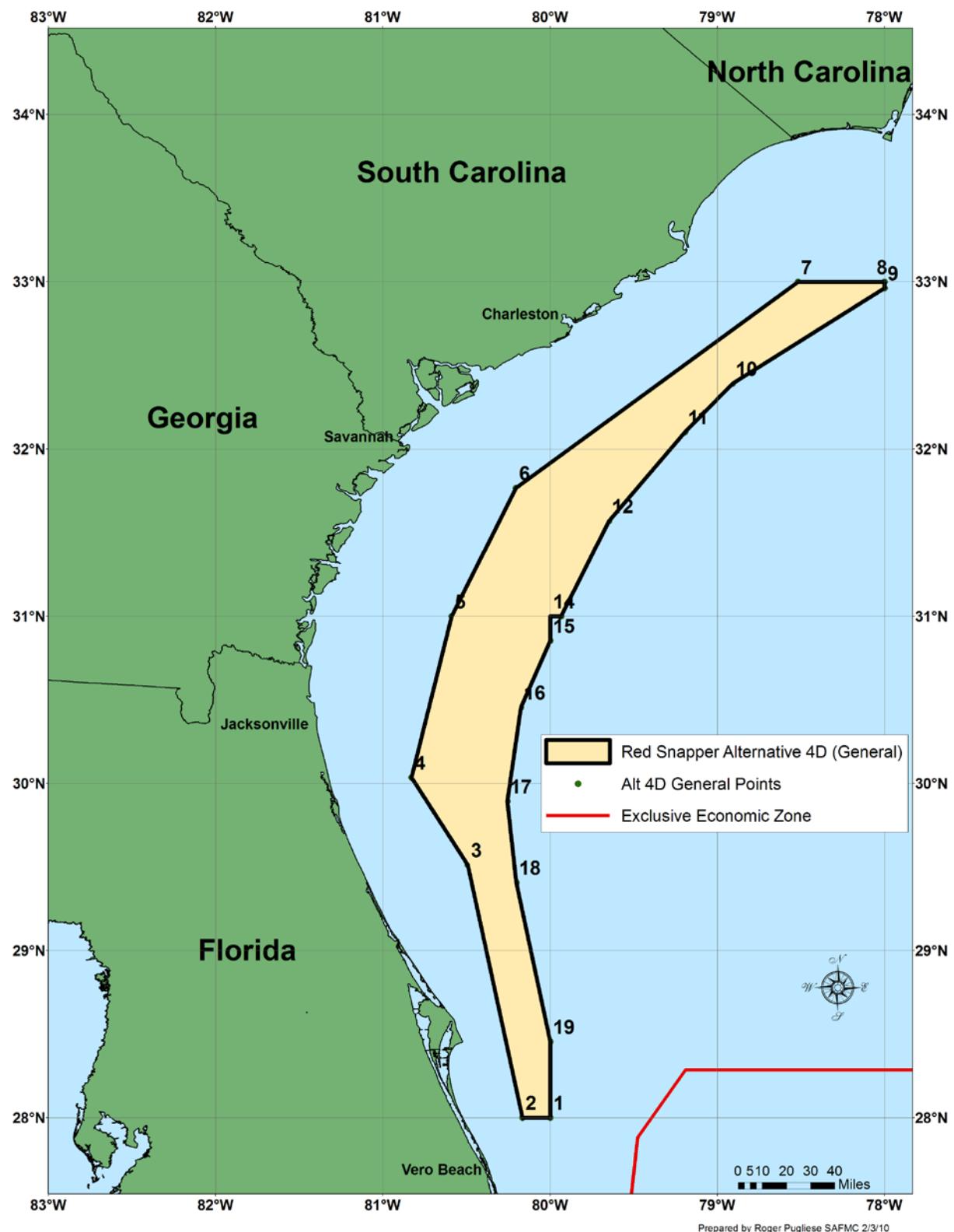


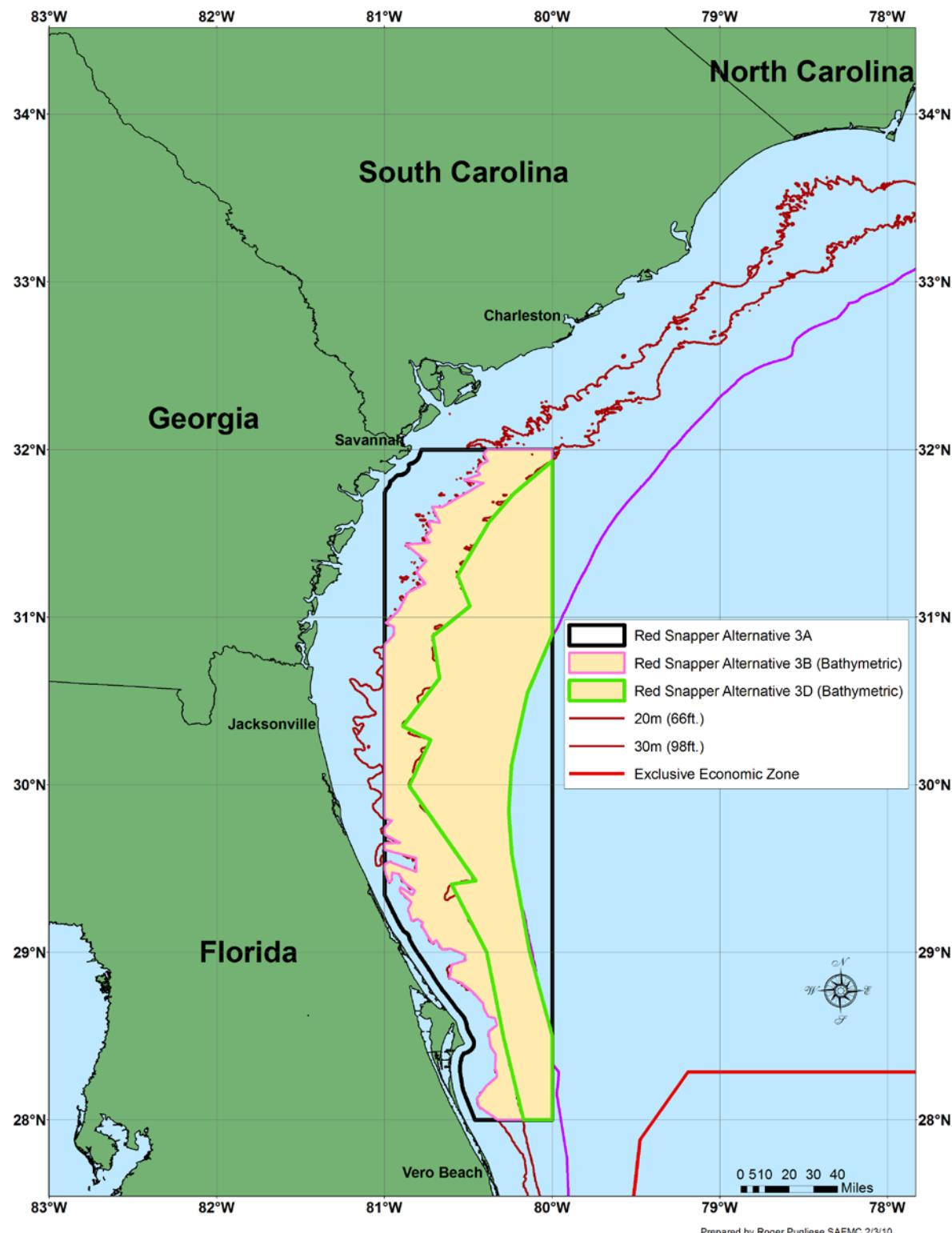
Figure 27. Red Snapper Alternative 4D (98ft-300ft/Generalized).



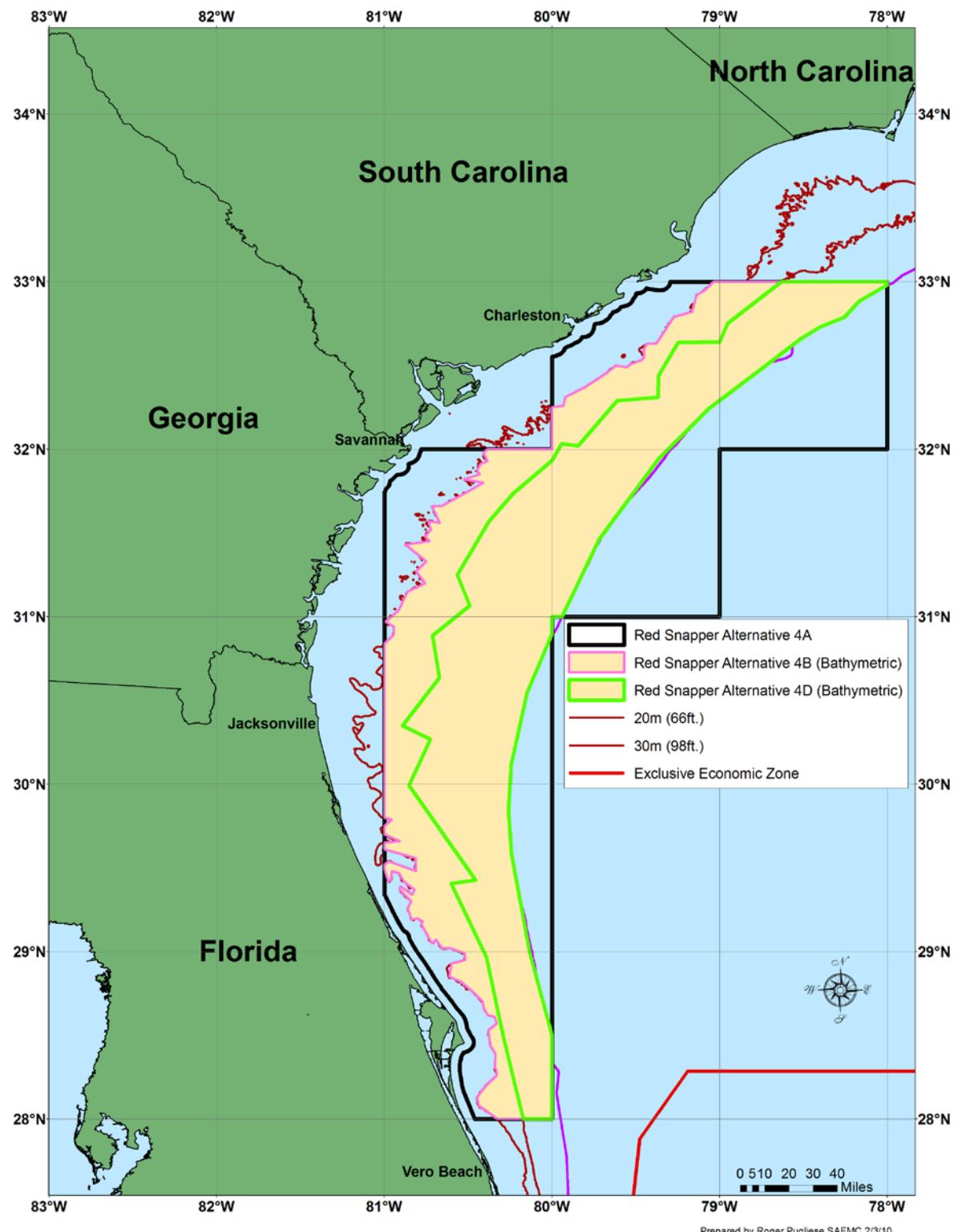
**Figure 28. Red Snapper Alternative 4D (98ft-300ft/Generalized) with Point Coordinates.**

**Table 14. Area Coordinates for Red Snapper Alternative 4D (98ft-300ft/Generalized).**

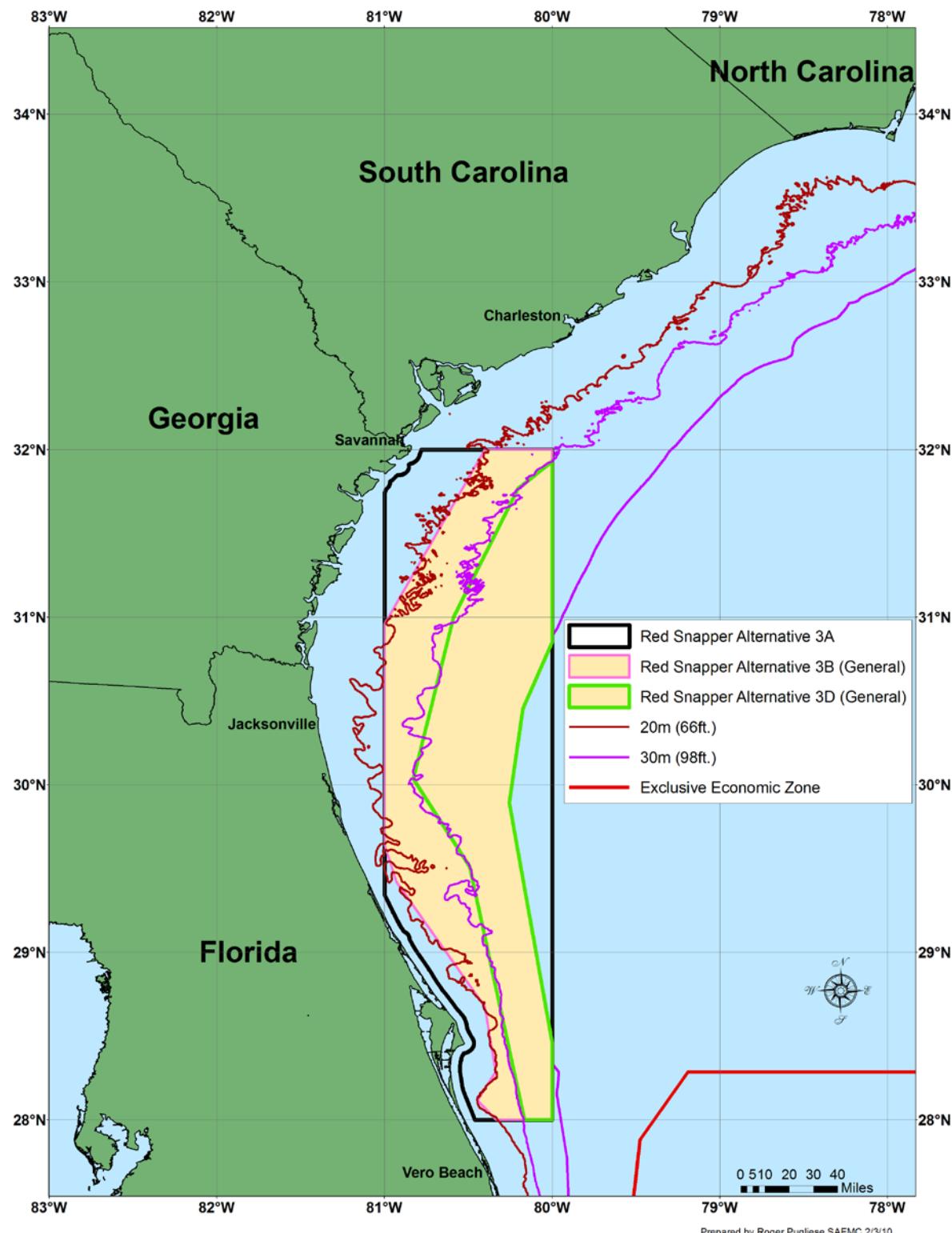
ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
2	28° 00' 00"	-80° 09' 57"
3	29° 30' 40"	-80° 29' 34"
4	30° 02' 03"	-80° 49' 45"
5	31° 00' 00"	-80° 35' 19"
6	31° 46' 00"	-80° 12' 15"
7	33° 00' 00"	-78° 31' 05"
8	33° 00' 00"	-78° 00' 00"
9	32° 57' 44"	-78° 00' 00"
10	32° 23' 28"	-78° 54' 32"
11	32° 06' 03"	-79° 11' 41"
12	31° 34' 08"	-79° 38' 57"
13	31° 00' 00"	-79° 56' 05"
14	31° 00' 00"	-80° 00' 00"
15	30° 51' 13"	-80° 00' 00"
16	30° 27' 19"	-80° 10' 34"
17	29° 53' 31"	-80° 15' 25"
18	29° 24' 24"	-80° 12' 13"
19	28° 27' 20"	-80° 00' 00"



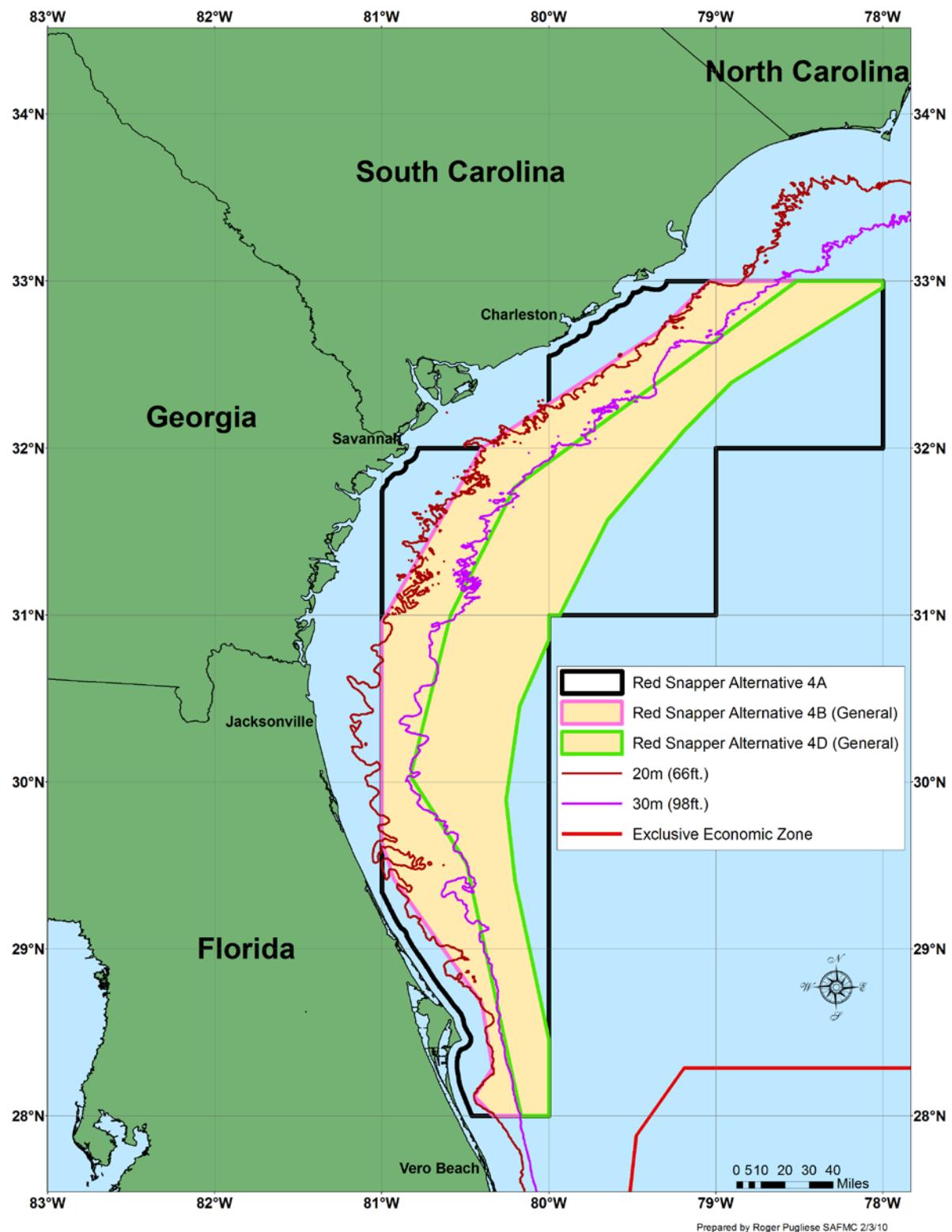
**Figure 29. Red Snapper Alternatives 3A (Four Grid), 3B (66-240ft/Bathymetric) and 3D (98-300ft/Bathymetric).**



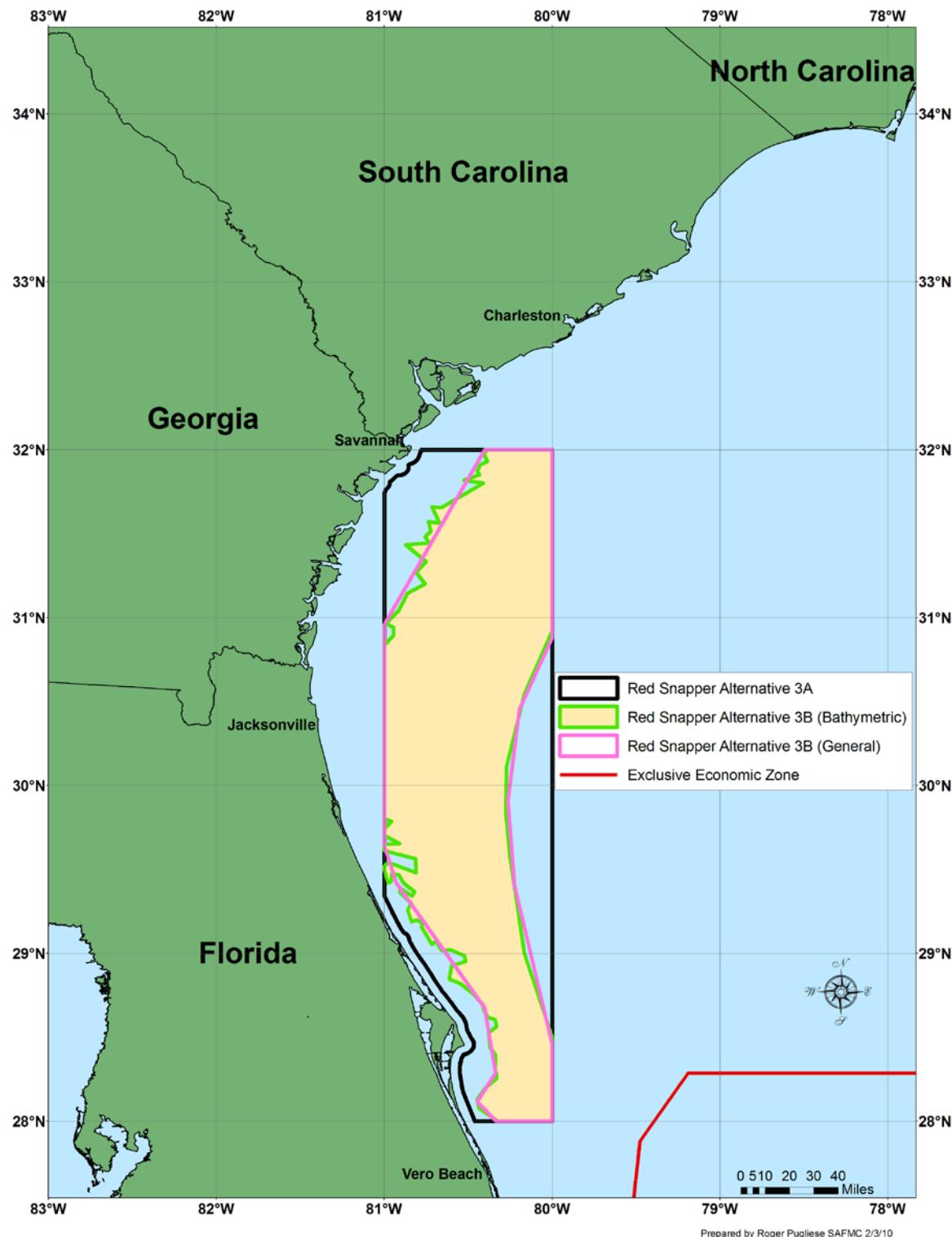
**Figure 30. Red Snapper Alternatives 4A (Four Grid), 4B (66-240ft/Bathymetric) and 4D (98-300ft/Bathymetric).**



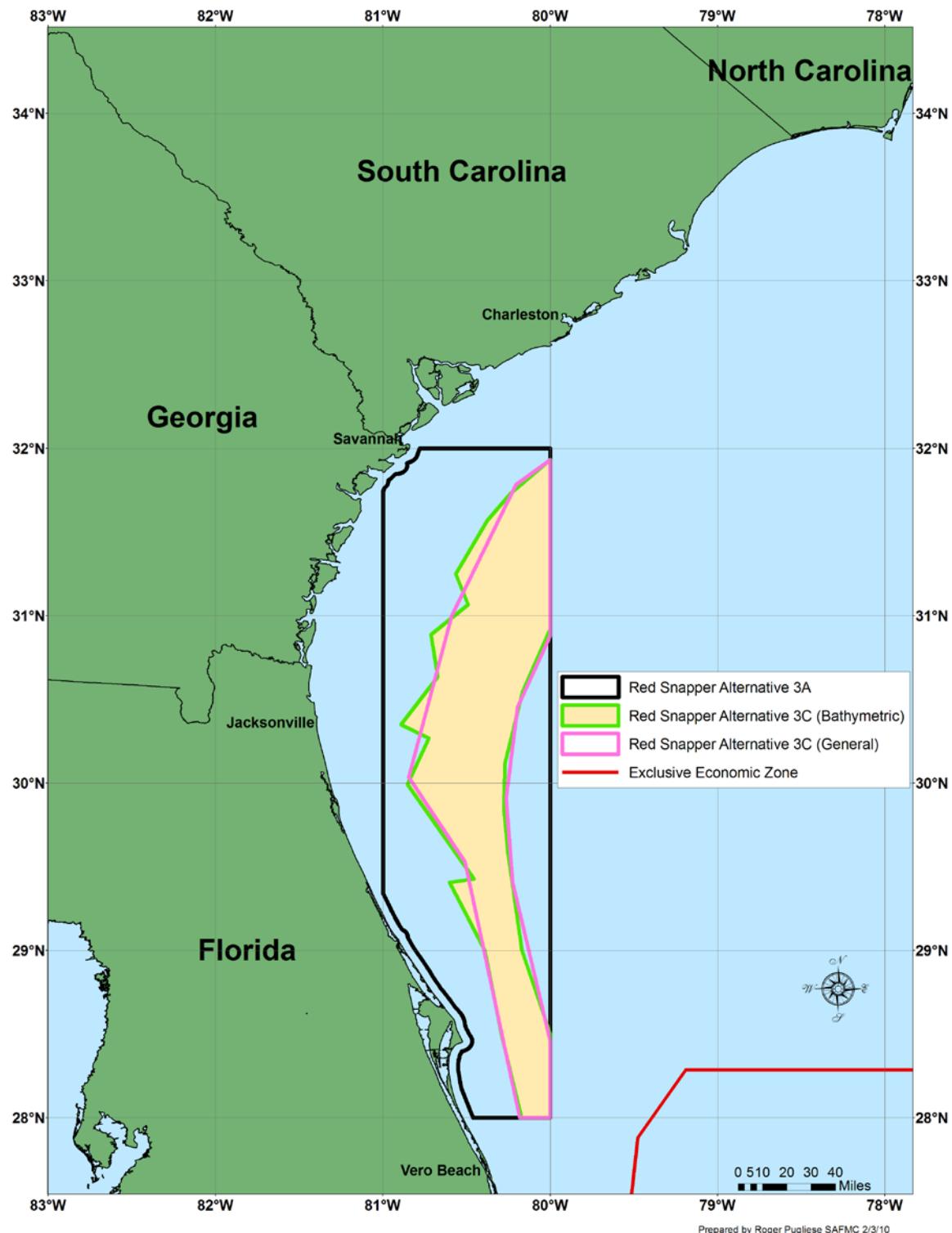
**Figure 31. Red Snapper Alternatives 3A (Four Grid), 3B (66-240ft/General) and 4D (98-300ft/General).**



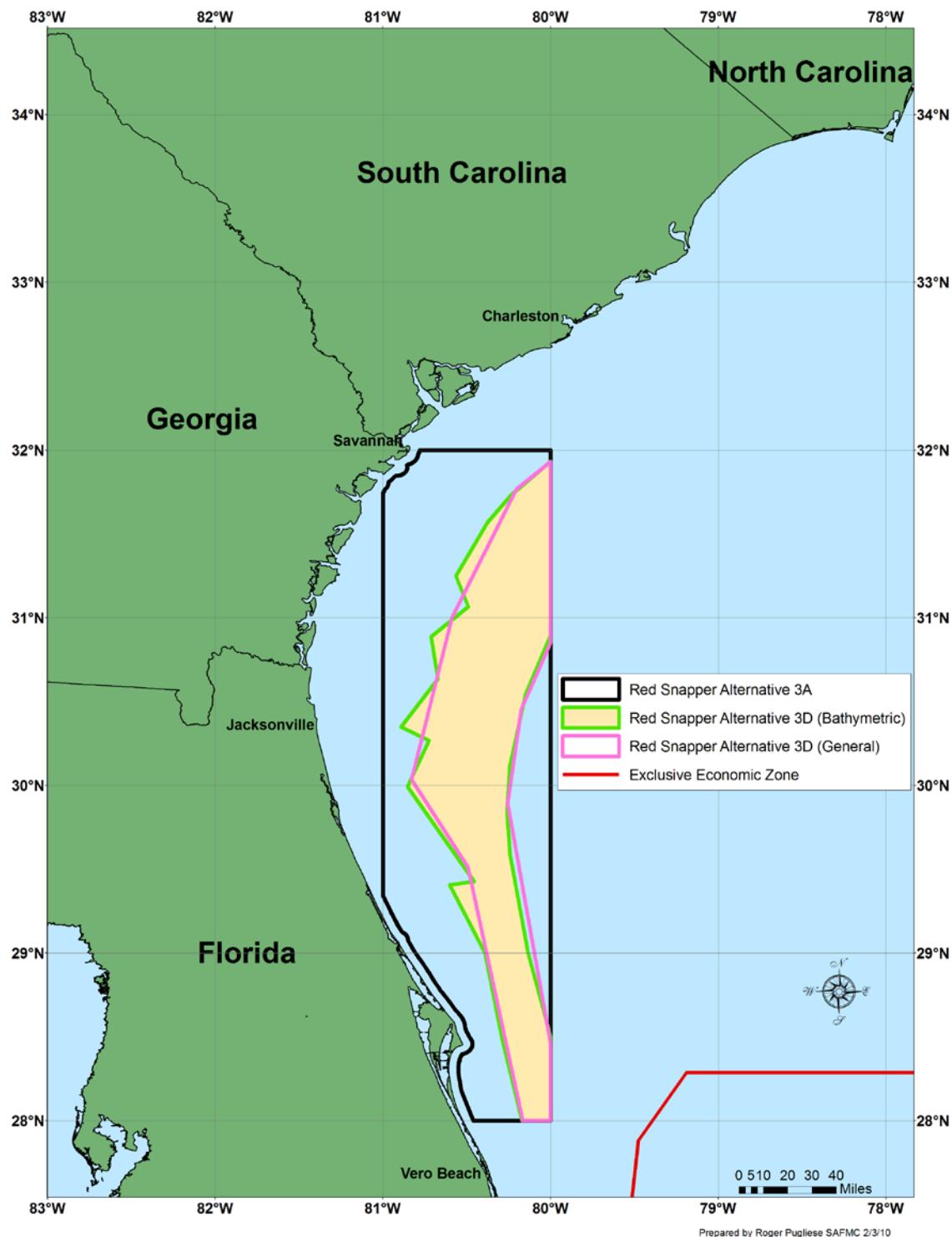
**Figure 32. Red Snapper Alternatives 4A (Four Grid), 4B (66-240ft/General) and 4D (98-300ft/General).**



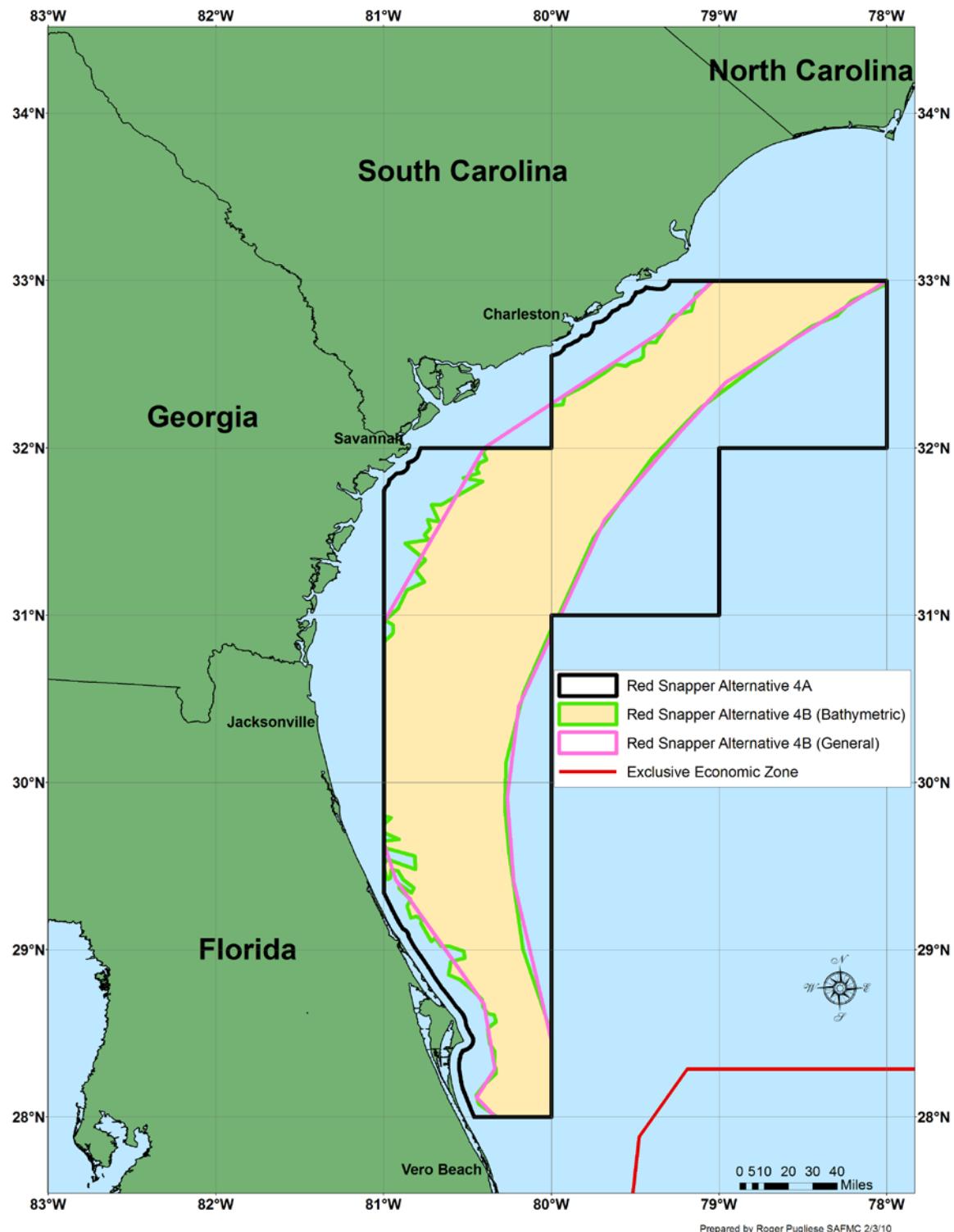
**Figure 33. Comparison of Red Snapper Alternatives 3B (66-240ft/Bathymetric) and 3B (66-300ft/General).**



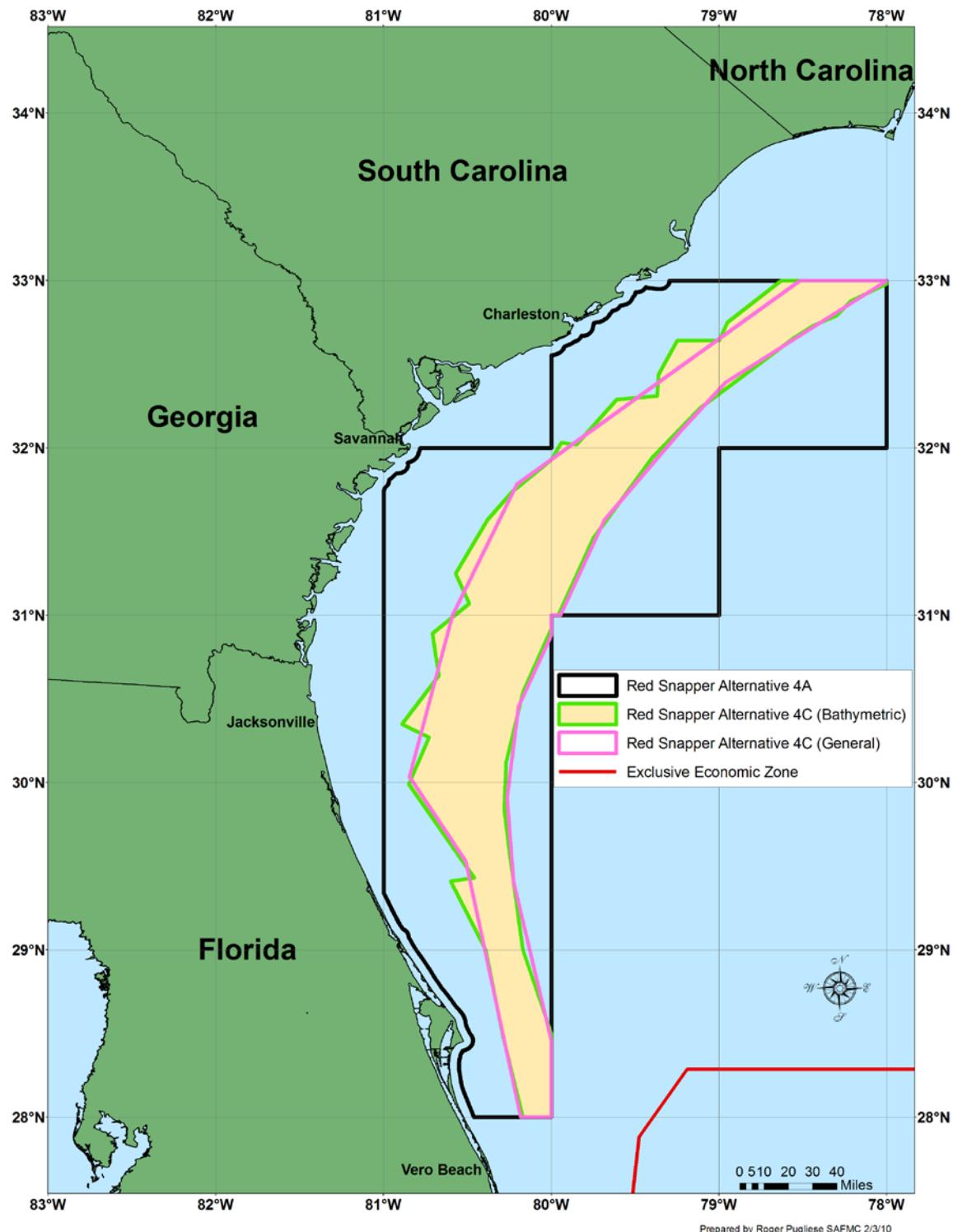
**Figure 34. Comparison of Red Snapper Alternatives 3C (98-240ft/Bathymetric) and 3C (98-240ft/General).**



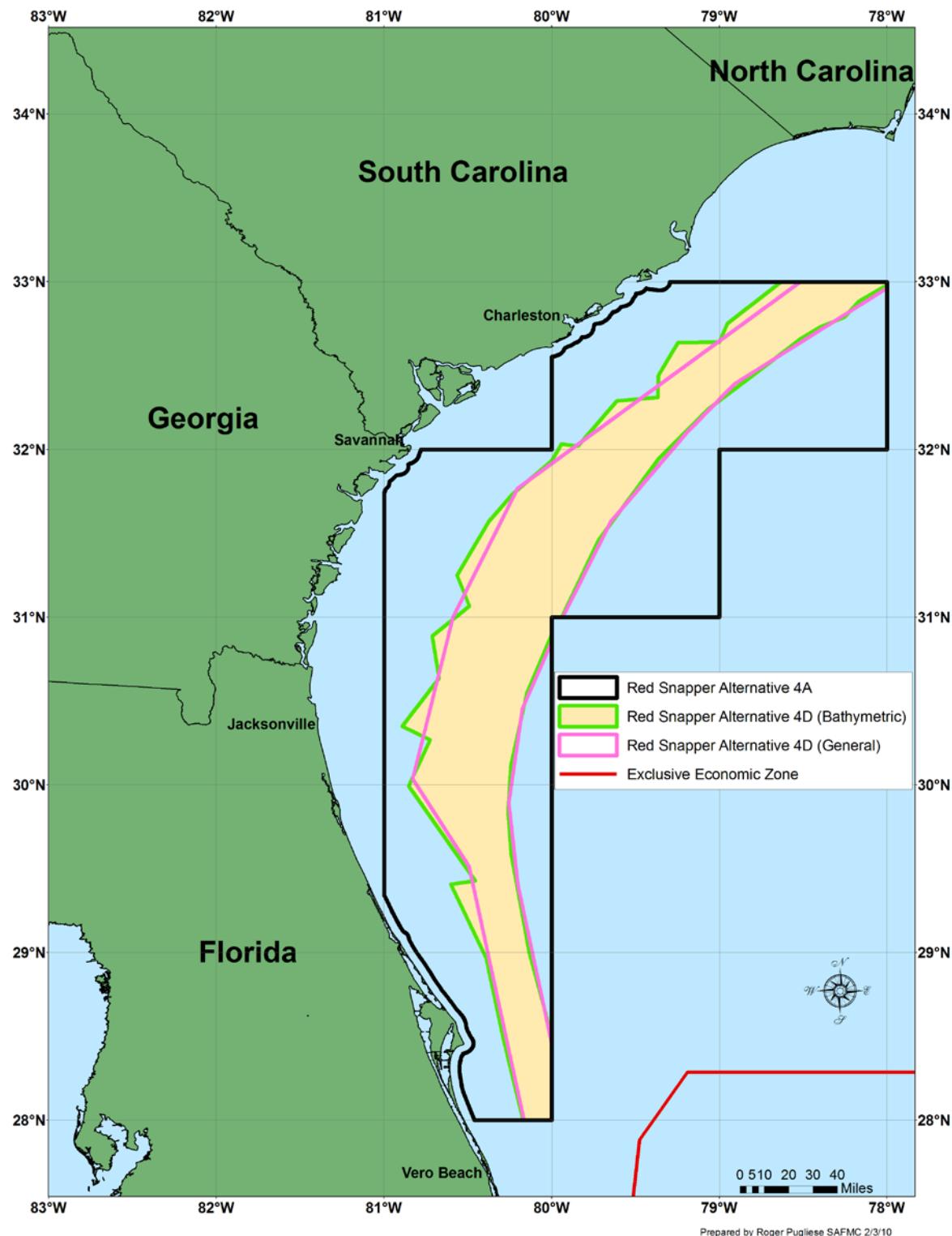
**Figure 35. Comparison of Red Snapper Alternatives 3D (98-300ft/Bathymetric) and 3B (98-300ft/General).**



**Figure 36. Comparison of Red Snapper Alternatives 4B (66-240ft/Bathymetric) and 4B (66-300ft/General).**



**Figure 37. Comparison of Red Snapper Alternatives 4C (98-240ft/Bathymetric) and 4C (98-300ft/General).**

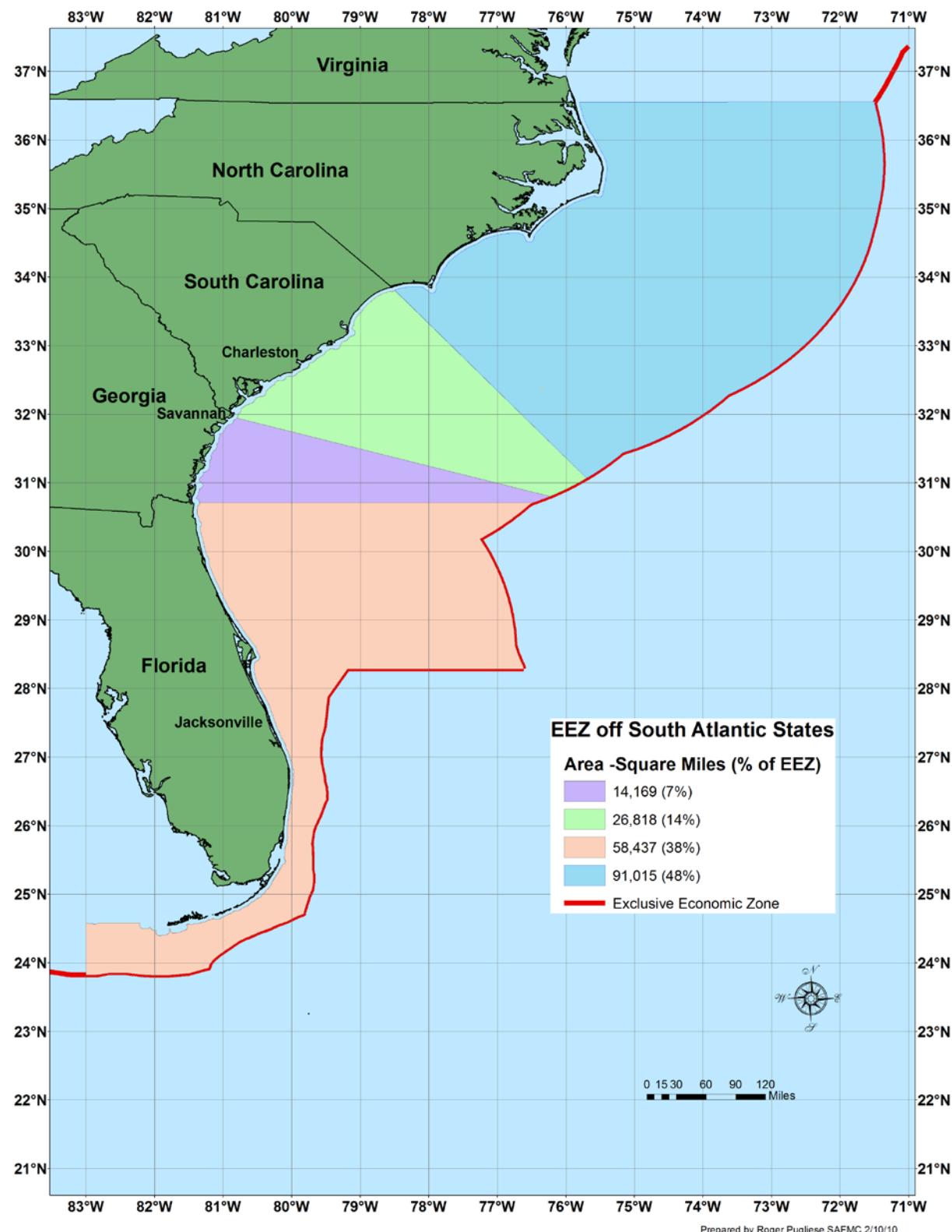


**Figure 38. Comparison of Red Snapper Alternatives 4D (98-300ft/Bathymetric) and 4D (98-300ft/General).**

**Table 15. Comparison of Red Snapper Alternatives and EEZ off SA States.**

Alternative	STATE	Area Offshore (Miles <sup>2</sup> )	Area Open (Miles <sup>2</sup> )	Area Closed (Miles <sup>2</sup> )	% of EEZ	% of EEZ off State
<b>3A (4Grid)</b>	Florida	58,437	49,030	9,407	16%	
	Georgia	14,169	9,566	4,603	32%	
	South Carolina	26,818	26,332	486	2%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>175,942</b>	<b>14,496</b>	<b>8%</b>	
<b>3B (Bathy)</b>	Florida	58,437	51,740	6,697	11%	
	Georgia	14,169	10,629	3,540	25%	
	South Carolina	26,818	26,488	330	1%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>179,872</b>	<b>10,567</b>	<b>6%</b>	
<b>3B (General)</b>	Florida	58,437	51,569	6,867	12%	
	Georgia	14,169	10,587	3,581	25%	
	South Carolina	26,818	26,472	346	1%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>179,821</b>	<b>10,794</b>	<b>6%</b>	
<b>3 C (Bathy)</b>	Florida	58,437	54,245	4,192	7%	
	Georgia	14,169	12,048	2,122	15%	
	South Carolina	26,818	26,756	62	0%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>184,063</b>	<b>6,375</b>	<b>3%</b>	
<b>3 C (General)</b>	Florida	58,437	54,290	4,147	7%	
	Georgia	14,169	12,223	1,946	14%	
	South Carolina	26,818	26,749	68	0%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>184,314</b>	<b>6,161</b>	<b>3%</b>	
<b>3D (Bathy)</b>	Florida	58,437	54,062	4,375	7%	
	Georgia	14,169	12,038	2,131	15%	
	South Carolina	26,818	26,756	62	0%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>183,871</b>	<b>6,567</b>	<b>3%</b>	
<b>3D (General)</b>	Florida	58,437	54,214	4,223	7%	
	Georgia	14,169	12,233	1,936	14%	
	South Carolina	26,818	26,754	63	0%	
	North Carolina	91,015	91,015	0	0%	
		190,438	<b>184,187</b>	<b>6,222</b>	<b>3%</b>	

Alternative	STATE	Area Offshore (Miles <sup>2</sup> )	Area Open (Miles <sup>2</sup> )	Area Closed (Miles <sup>2</sup> )	% of EEZ	% of EEZ off State
<b>4A (Seven Grid)</b>	Florida	58,437	49,034	9,403		16%
	Georgia	14,169	6,978	7,191		51%
	South Carolina	26,818	17,411	9,406		35%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>164,438</b>	<b>26,001</b>	<b>14%</b>	
<b>4B (Bathy)</b>	Florida	58,437	51,747	6,867		12%
	Georgia	14,169	10,010	4,221		30%
	South Carolina	26,818	22,398	4,745		18%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>175,170</b>	<b>15,833</b>	<b>8%</b>	
<b>4B (General)</b>	Florida	58,437	51,569	6,867		12%
	Georgia	14,169	9,948	4,221		30%
	South Carolina	26,818	22,072	4,745		18%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>174,803</b>	<b>15,834</b>	<b>8%</b>	
<b>4C (Bathy)</b>	Florida	58,437	54,248	4,147		7%
	Georgia	14,169	11,426	2,586		18%
	South Carolina	26,818	23,926	2,639		10%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>180,615</b>	<b>9,372</b>	<b>5%</b>	
<b>4C (General)</b>	Florida	58,437	54,290	4,147		7%
	Georgia	14,169	11,583	2,586		18%
	South Carolina	26,818	24,178	2,639		10%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>181,028</b>	<b>9,372</b>	<b>5%</b>	
<b>4D (Bathy)</b>	Florida	58,437	54,041	4,396		8%
	Georgia	14,169	11,356	2,813		20%
	South Carolina	26,818	23,733	3,084		12%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>180,145</b>	<b>10,293</b>	<b>5%</b>	
<b>4D (General)</b>	Florida	58,437	54,317	4,120		7%
	Georgia	14,169	11,528	2,641		19%
	South Carolina	26,818	23,988	2,830		11%
	North Carolina	91,015	91,015	0		0%
		190,438	<b>180,659</b>	<b>9,591</b>	<b>5%</b>	



**Figure 39. EEZ off South Atlantic States.**

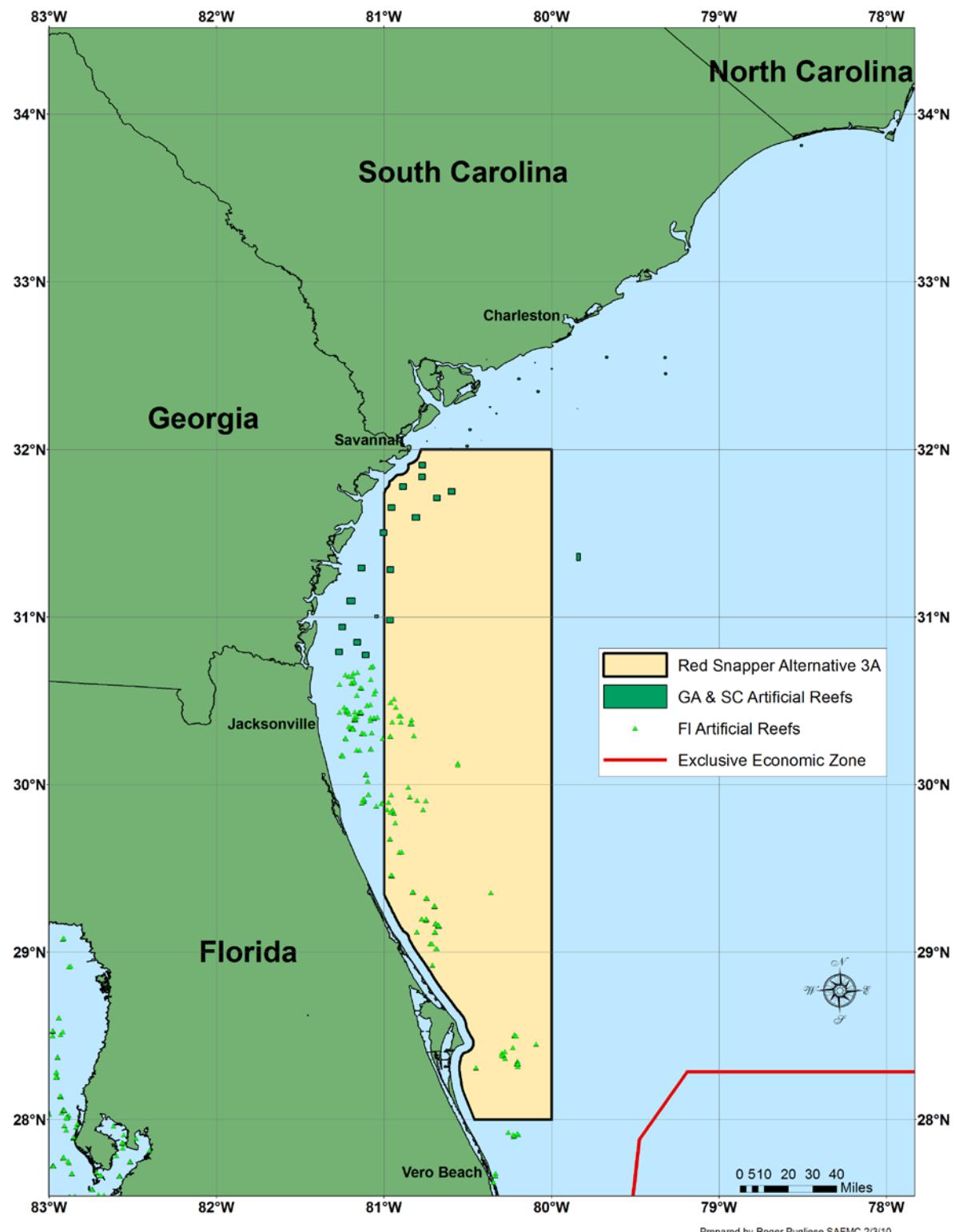
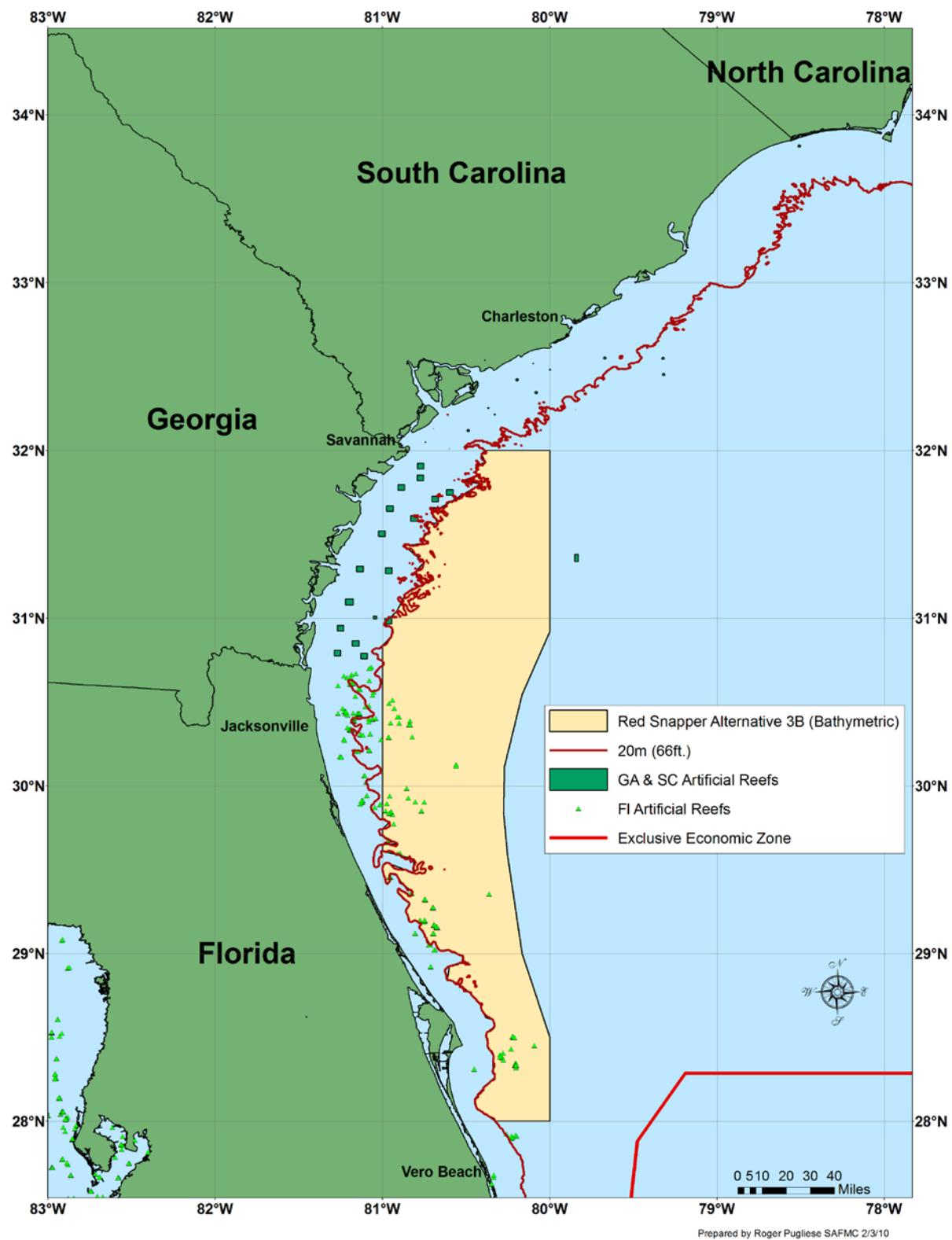
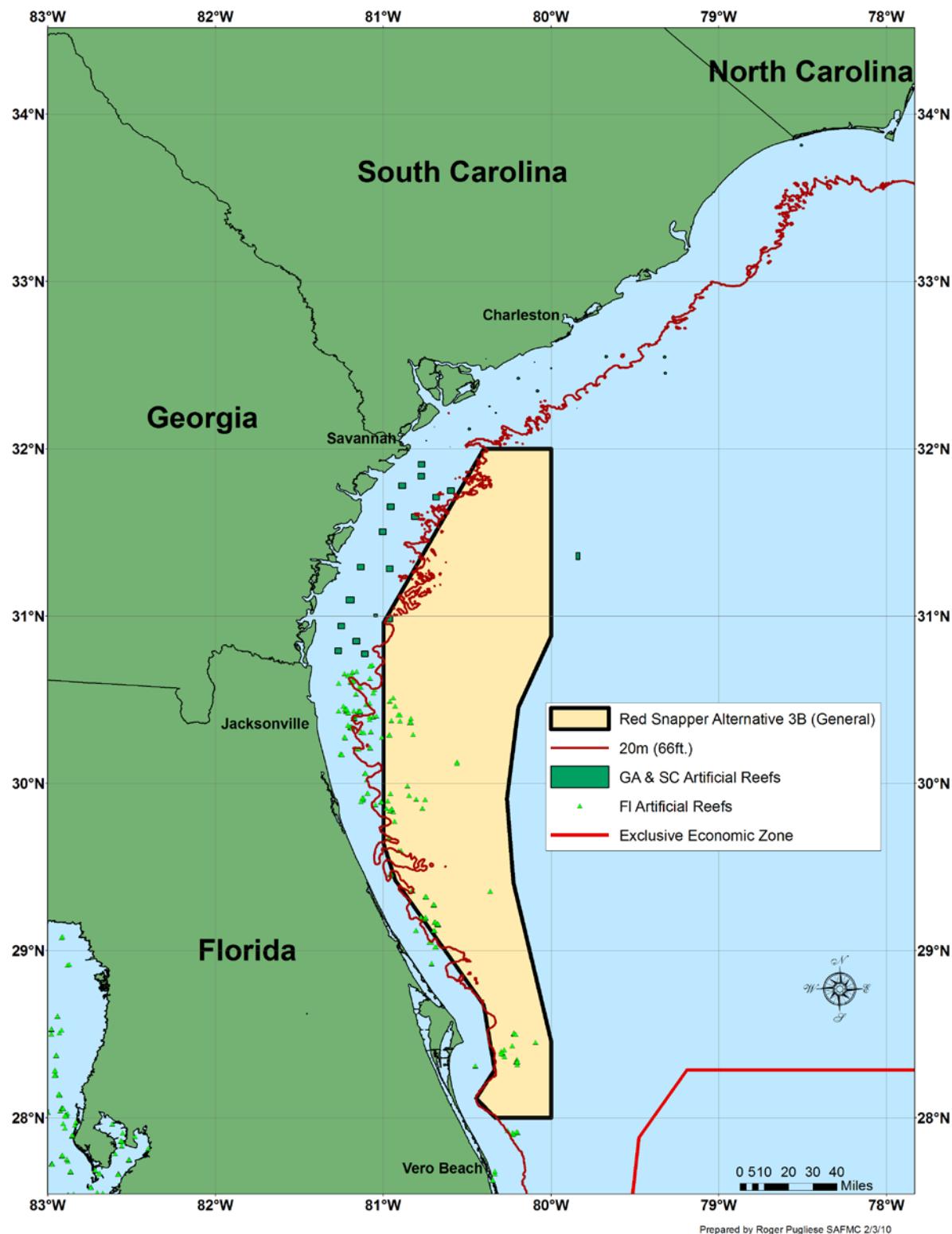


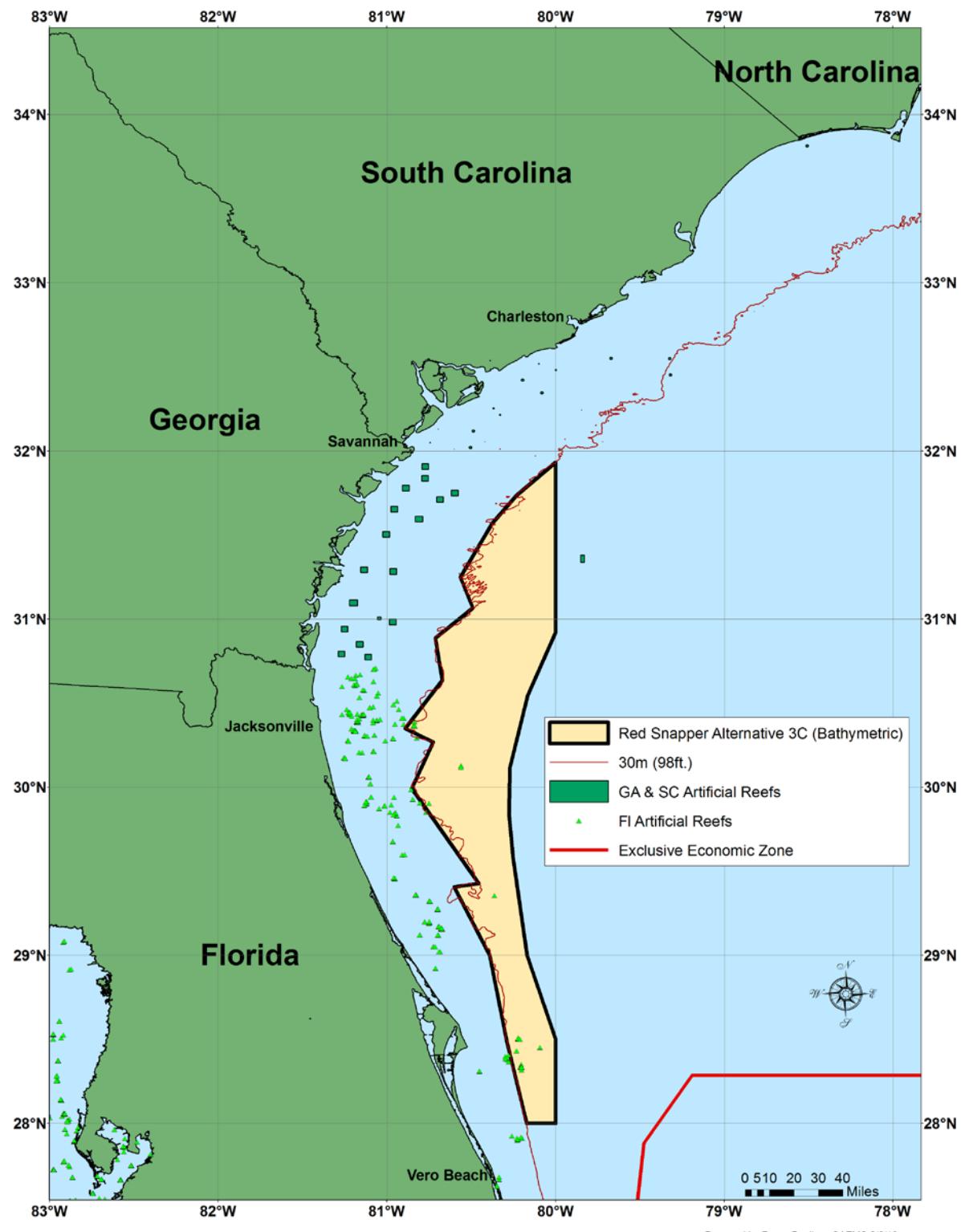
Figure 40. Red Snapper Alternative 4A (Four Grid) and Artificial Reefs.



**Figure 41. Red Snapper Alternative 3B (66-240ft/Bathymetric) and Artificial Reefs.**



**Figure 42. Red Snapper Alternative 3B (66-240ft/General) and Artificial Reefs.**



**Figure 43. Red Snapper Alternative 3C (98-240ft/Bathymetric) and Artificial Reefs.**

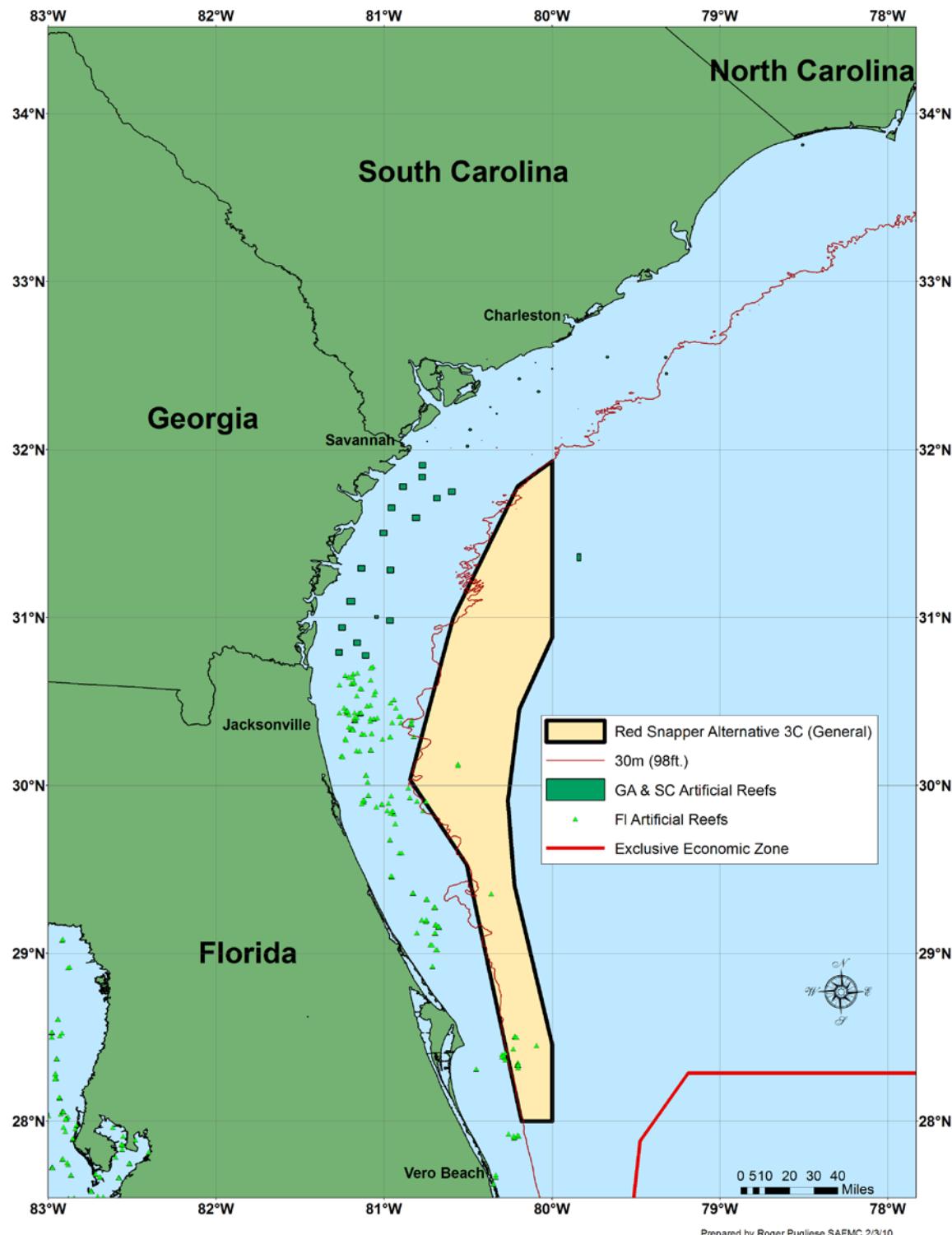
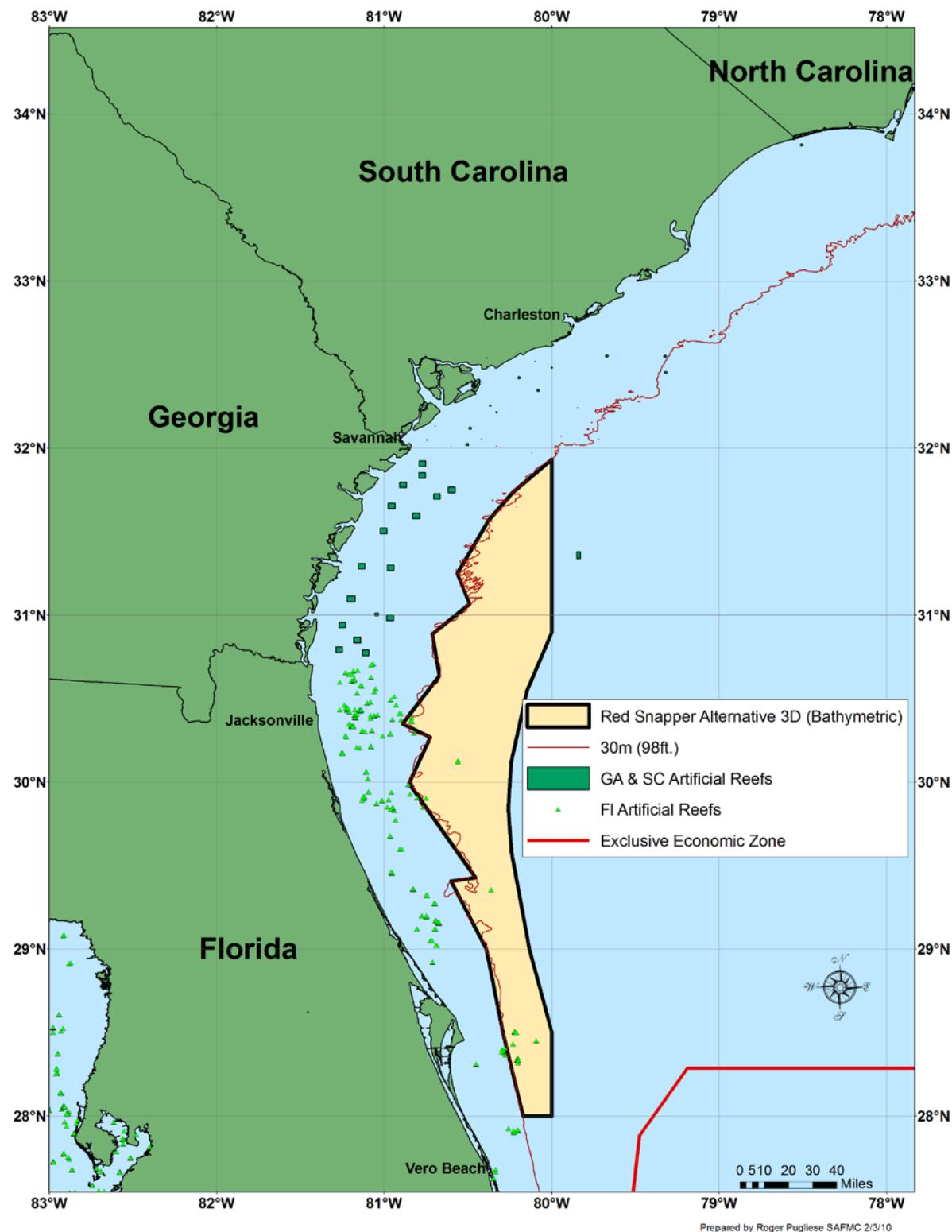
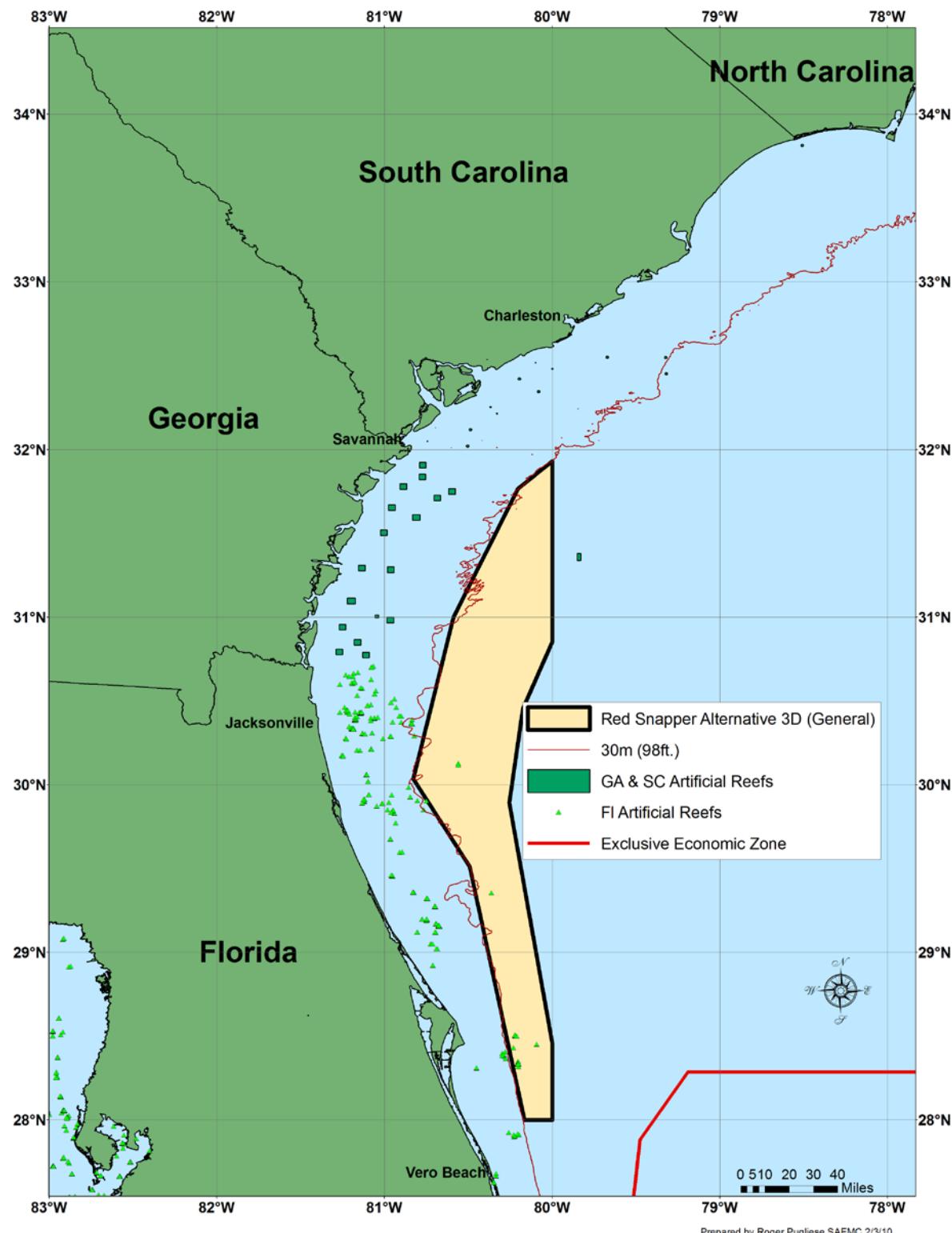


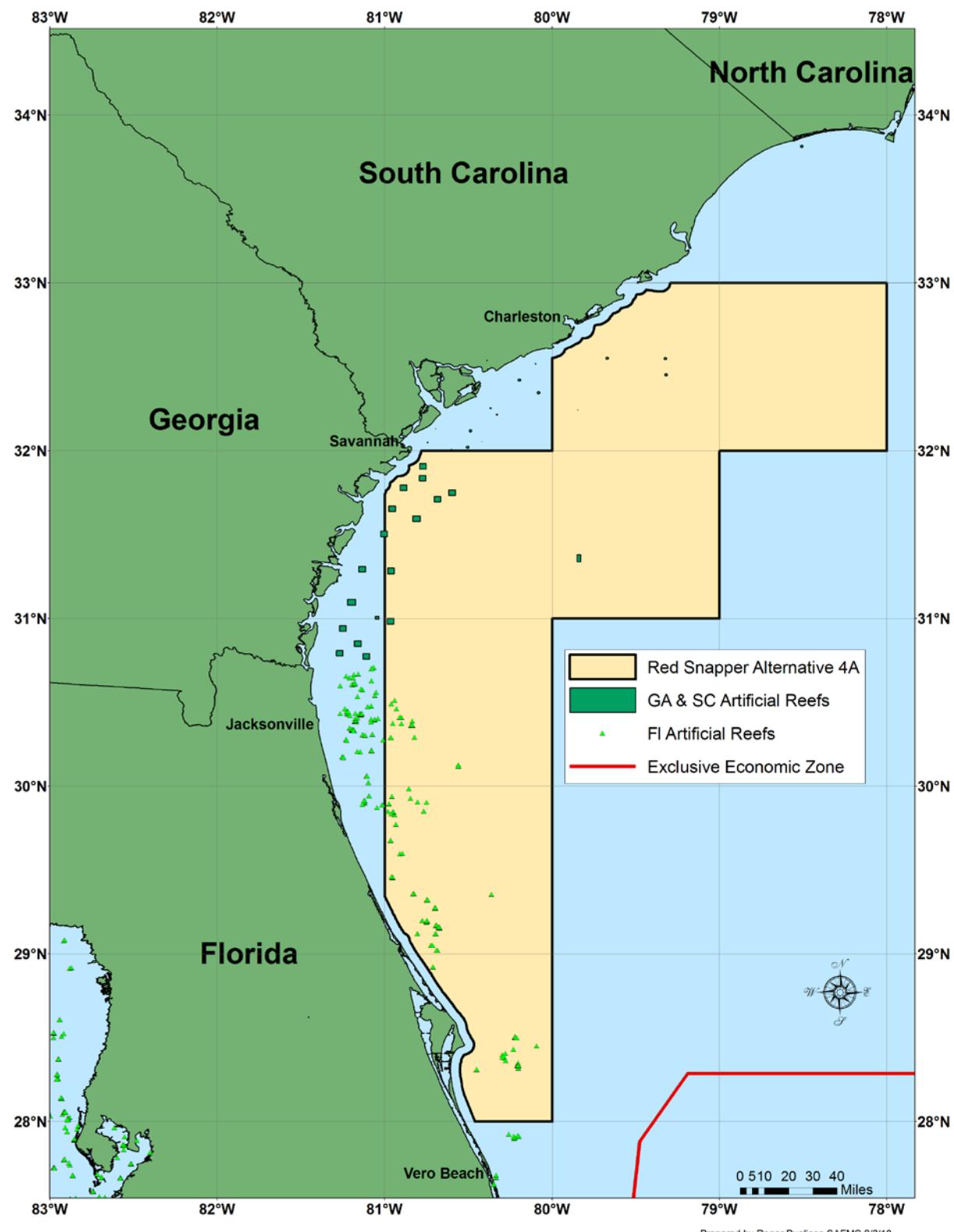
Figure 44. Red Snapper Alternative 3C (98-240ft/General) and Artificial Reefs.



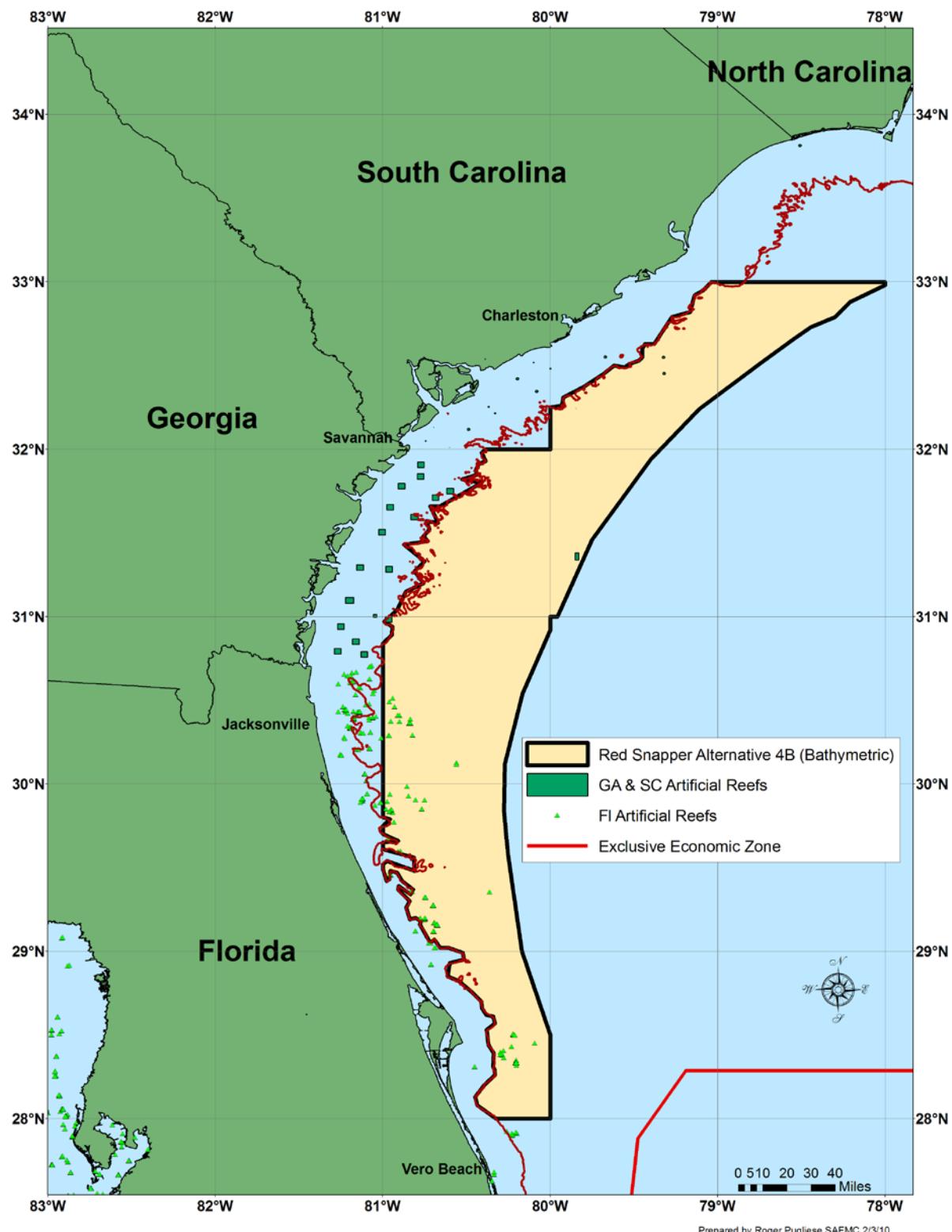
**Figure 45. Red Snapper Alternative 3D (98-300ft/Bathymetric) and Artificial Reefs.**



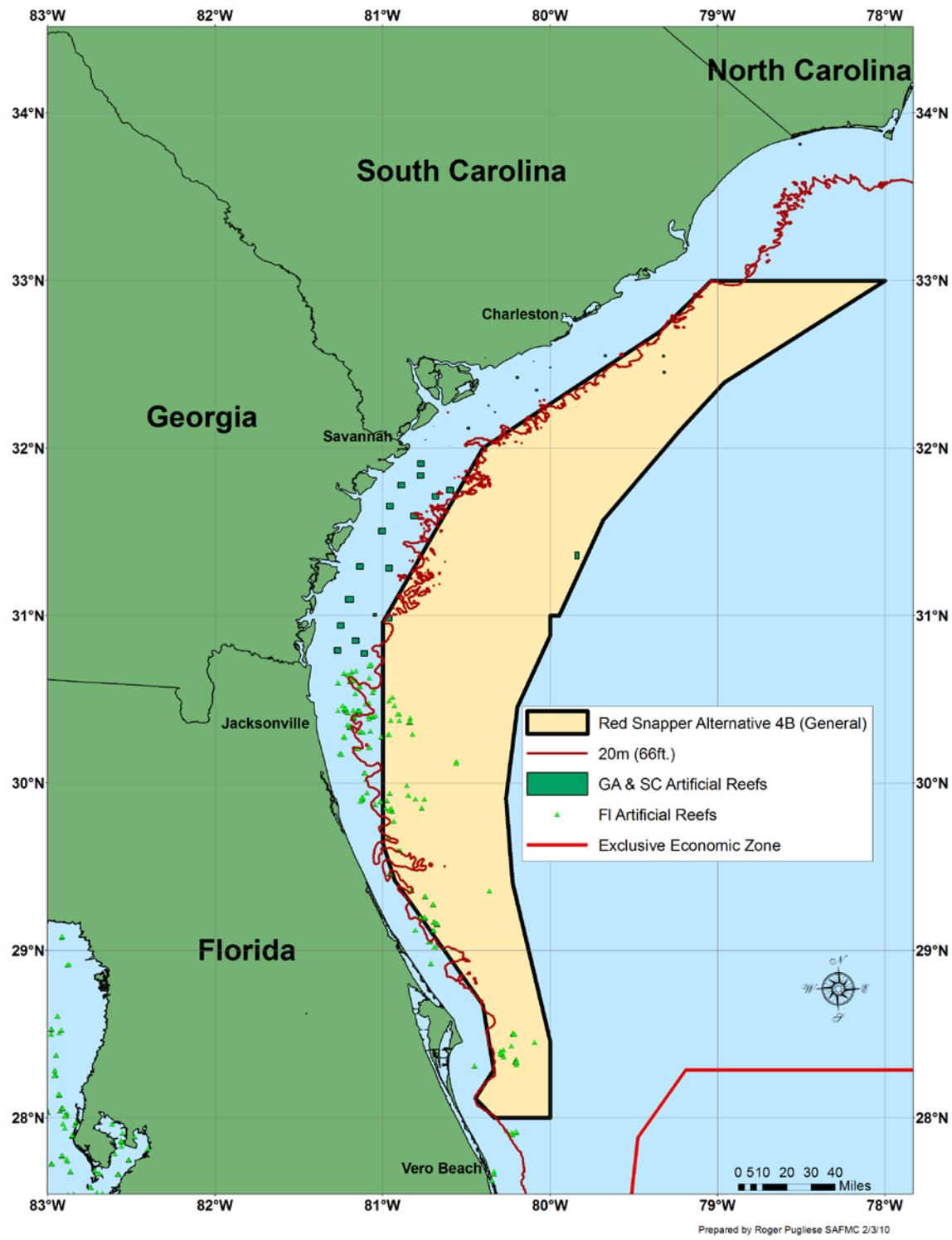
**Figure 46. Red Snapper Alternative 3D (98-300ft/General) and Artificial Reefs.**



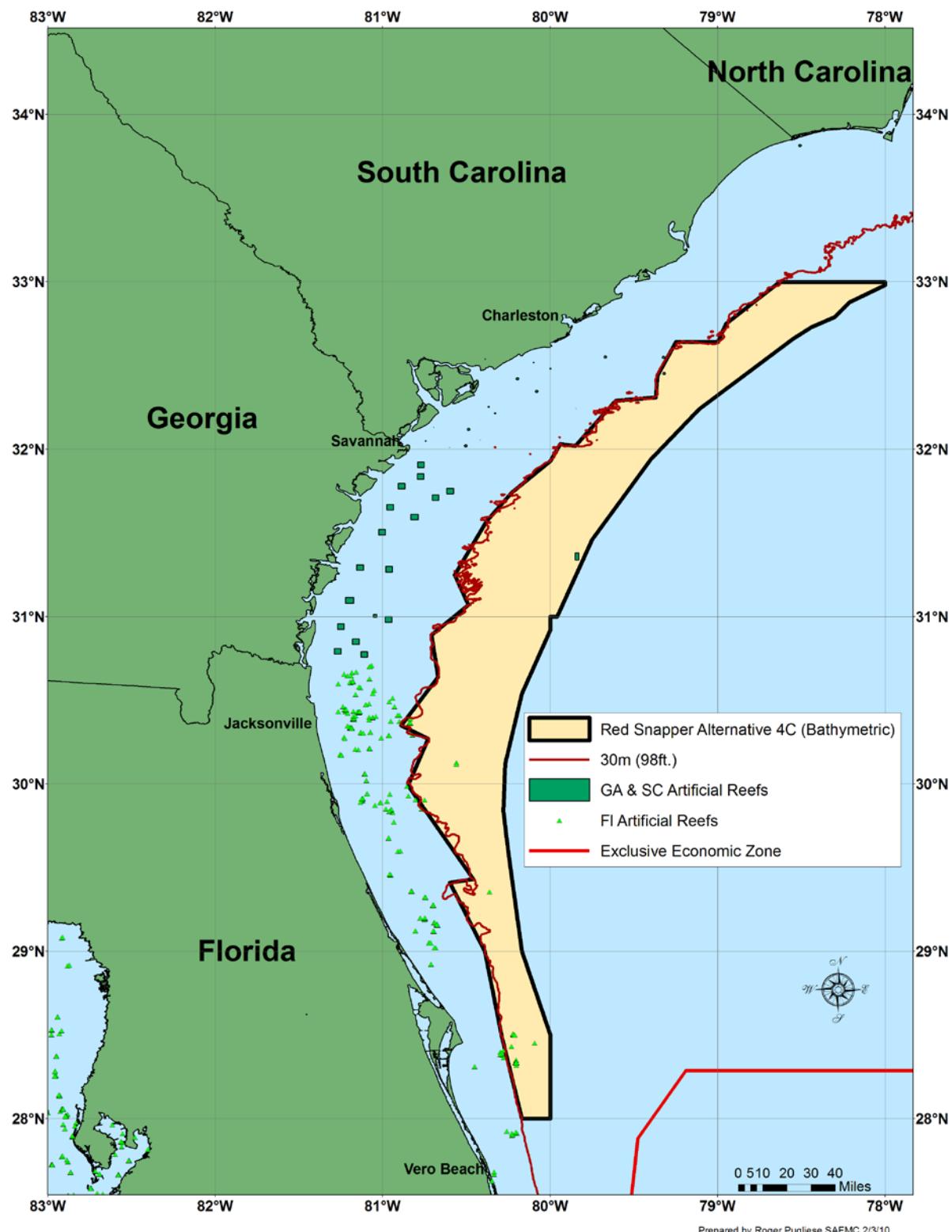
**Figure 47. Red Snapper Alternative 4A (Seven Grid) and Artificial Reefs.**



**Figure 48. Red Snapper Alternative 4B (66-240ft/Bathymetric) and Artificial Reefs.**



**Figure 49. Red Snapper Alternative 4B (66-240ft/General) and Artificial Reefs.**



**Figure 50. Red Snapper Alternative 4C (98-240ft/Bathymetric) and Artificial Reefs.**

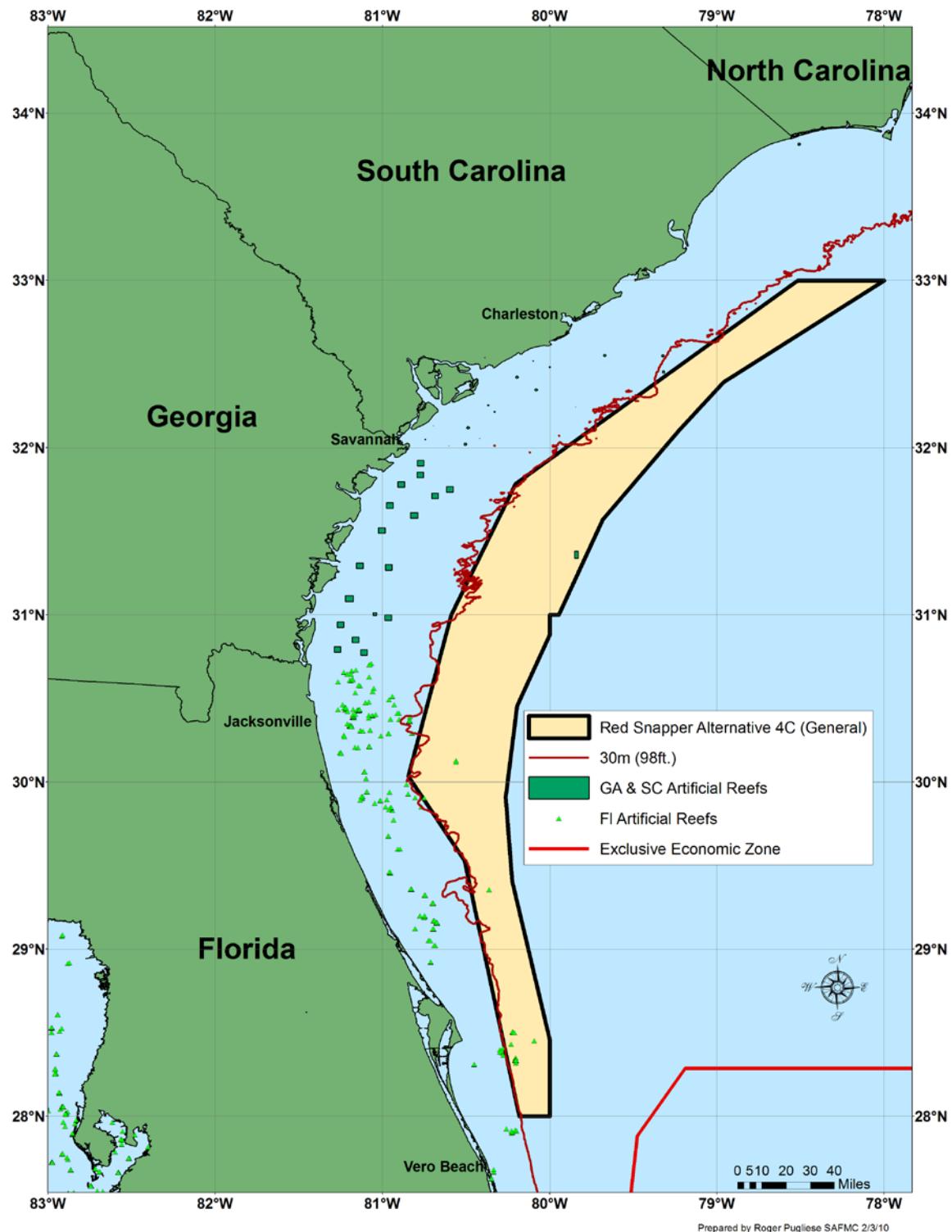
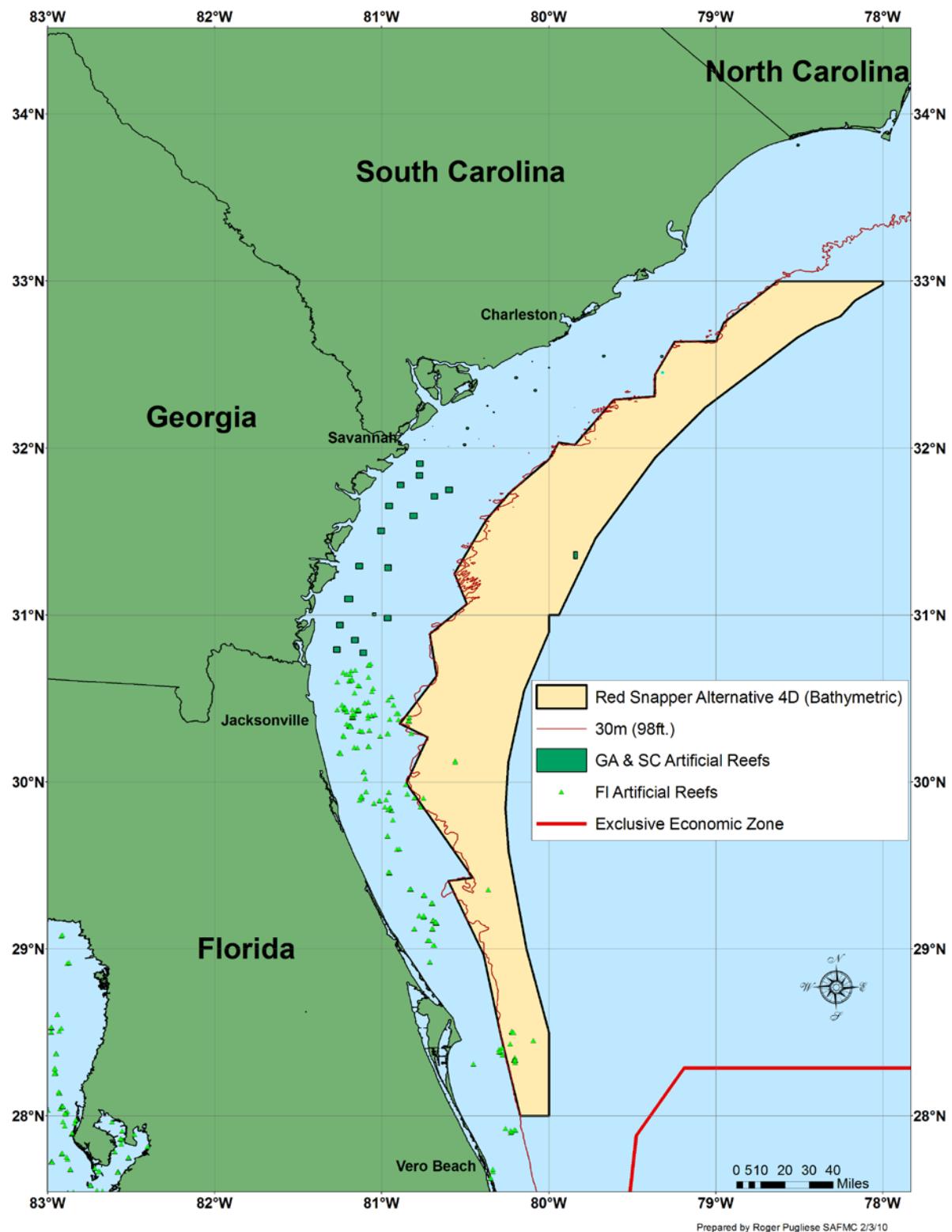


Figure 51. Red Snapper Alternative 4C (98-240ft/General) and Artificial Reefs.



**Figure 52. Red Snapper Alternative 4D (98-300ft/Bathymetric) and Artificial Reefs.**

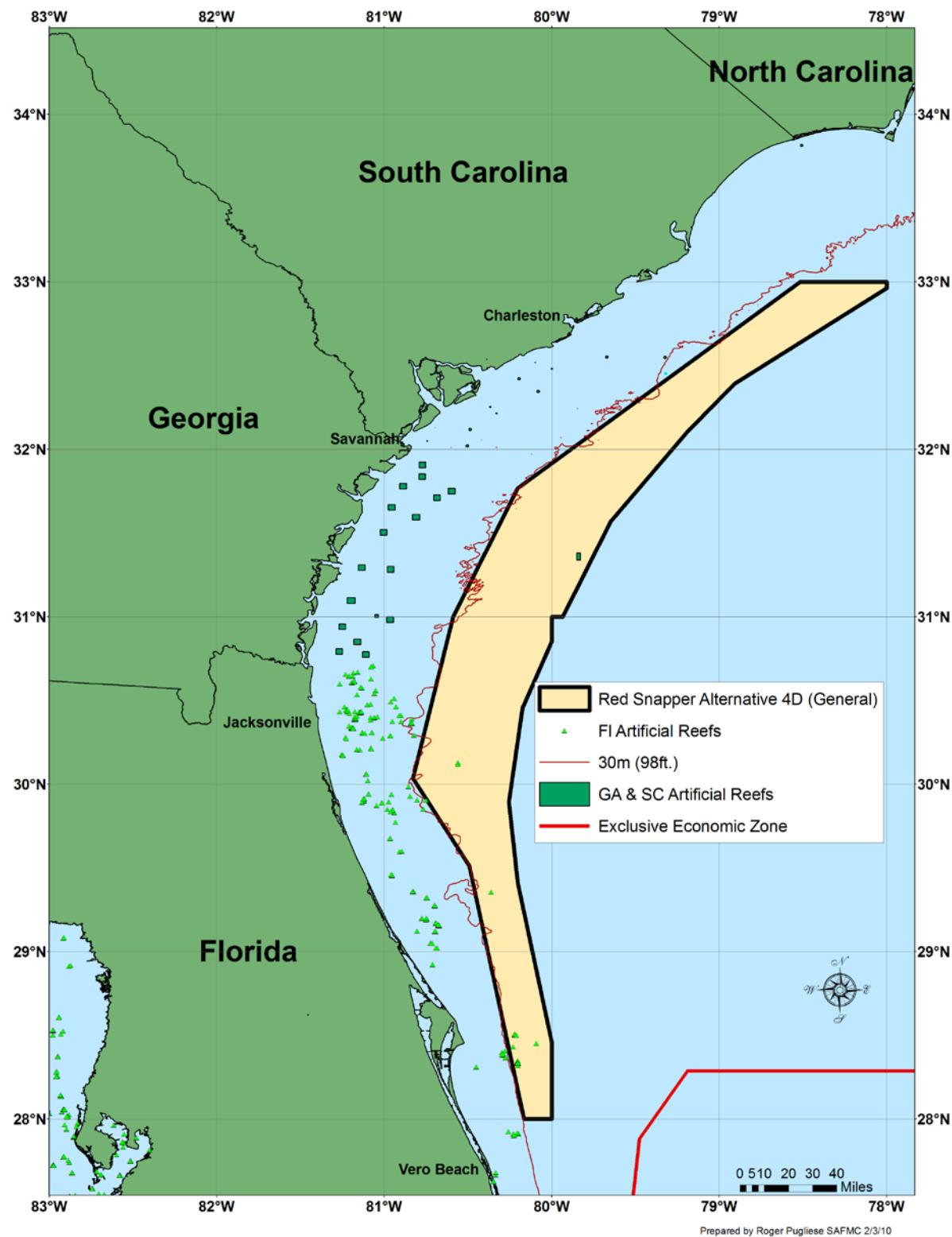
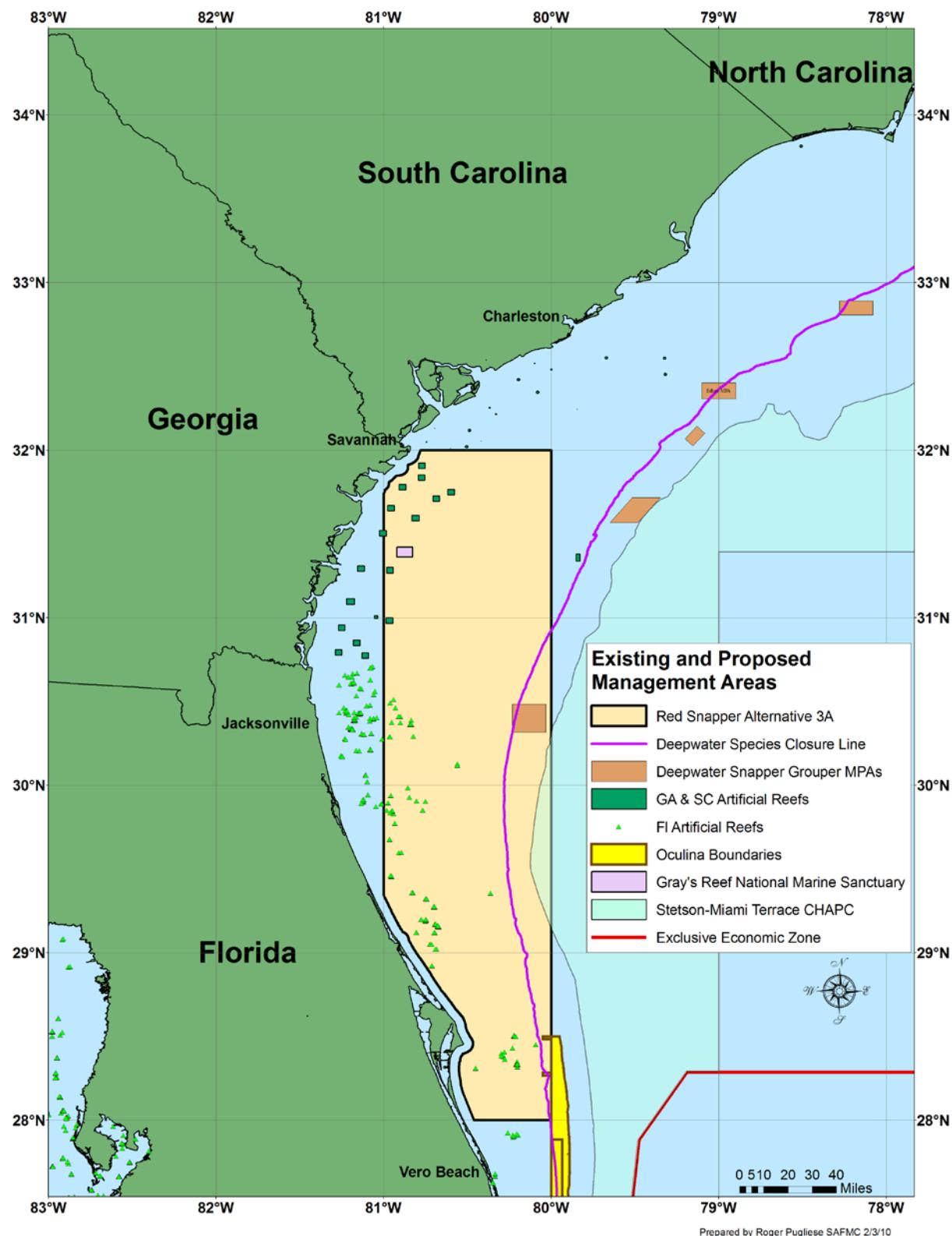


Figure 53. Red Snapper Alternative 4D (98-300ft/General) and Artificial Reefs.



**Figure 54. Red Snapper Alternative 3A (Four Grid) and Managed Areas.**

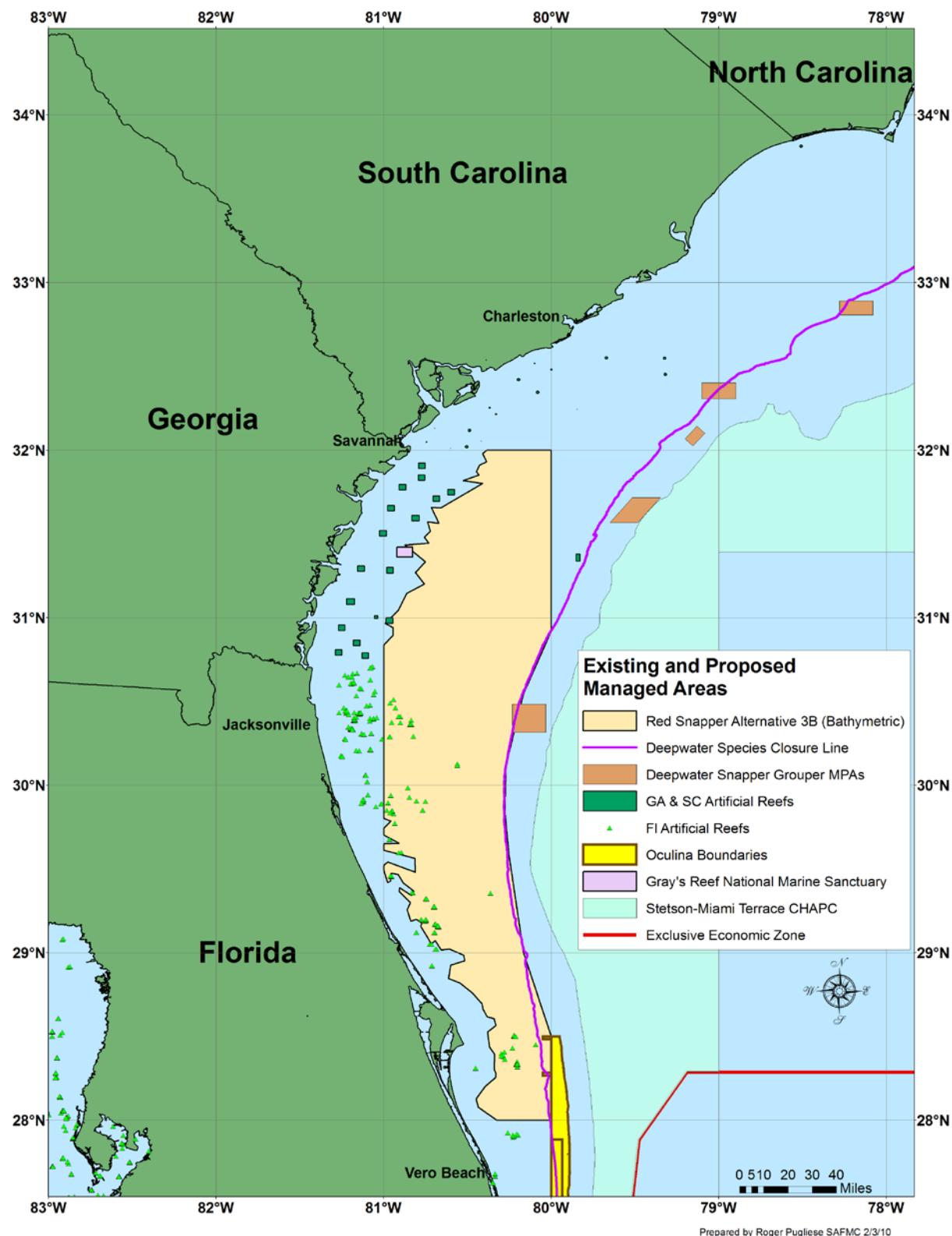


Figure 55. Red Snapper Alternative 3B (66-240ft/Bathymetric) and Managed Areas.

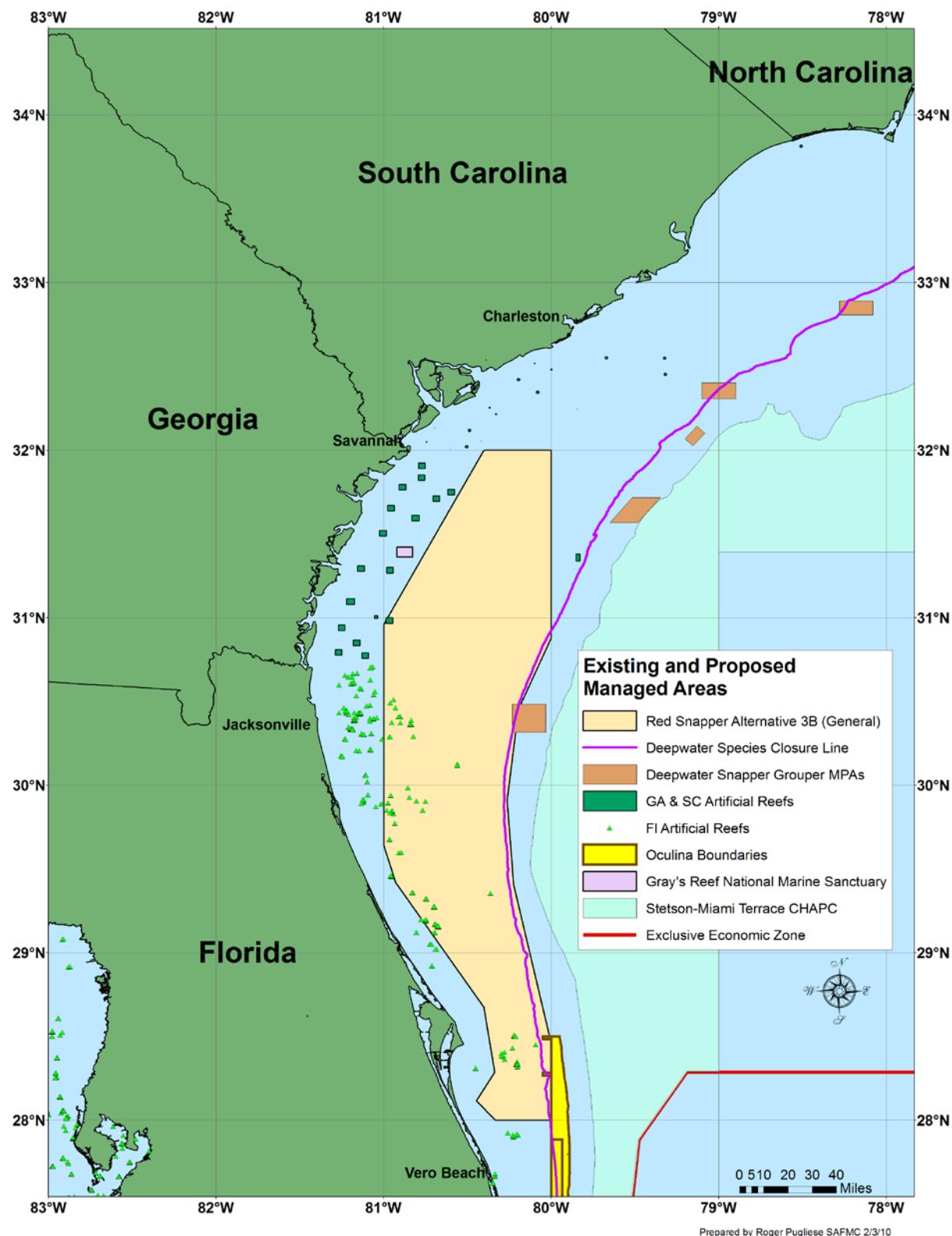


Figure 56. Red Snapper Alternative 3B (66-240ft/General) and Managed Areas.

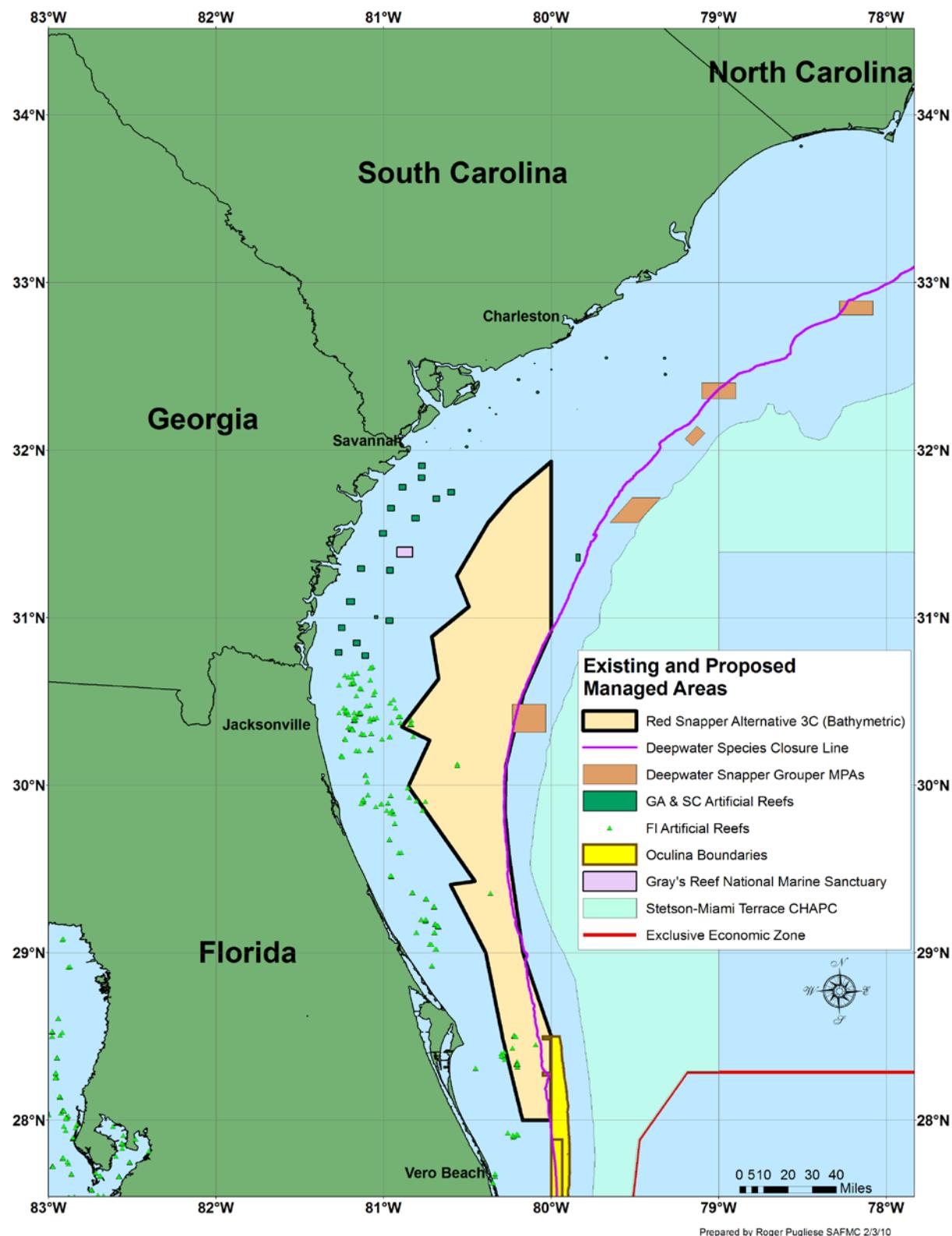


Figure 57. Red Snapper Alternative 3C (98-240ft/Bathymetric) and Managed Areas.

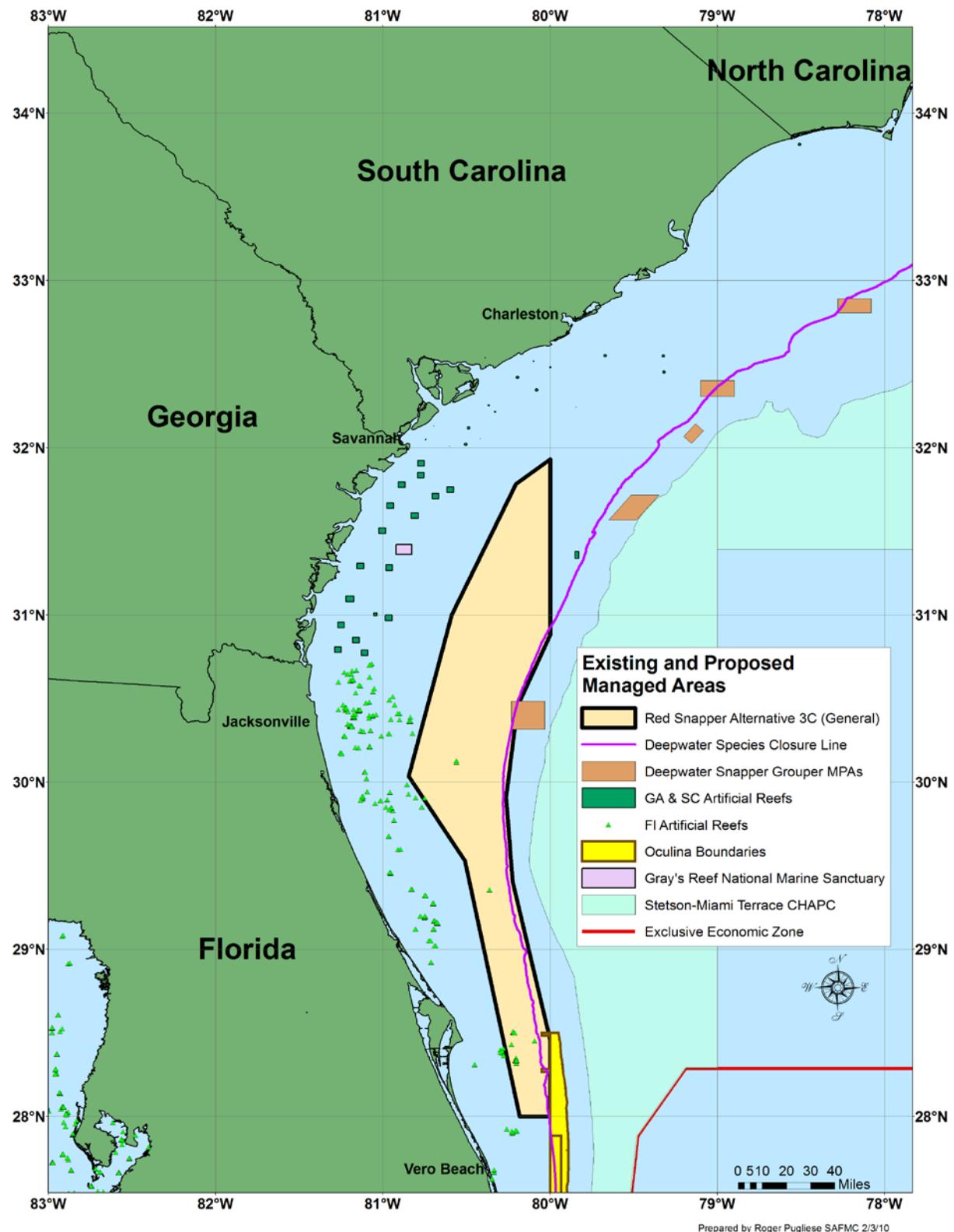


Figure 58. Red Snapper Alternative 3C (98-240ft/General) and Managed Areas.

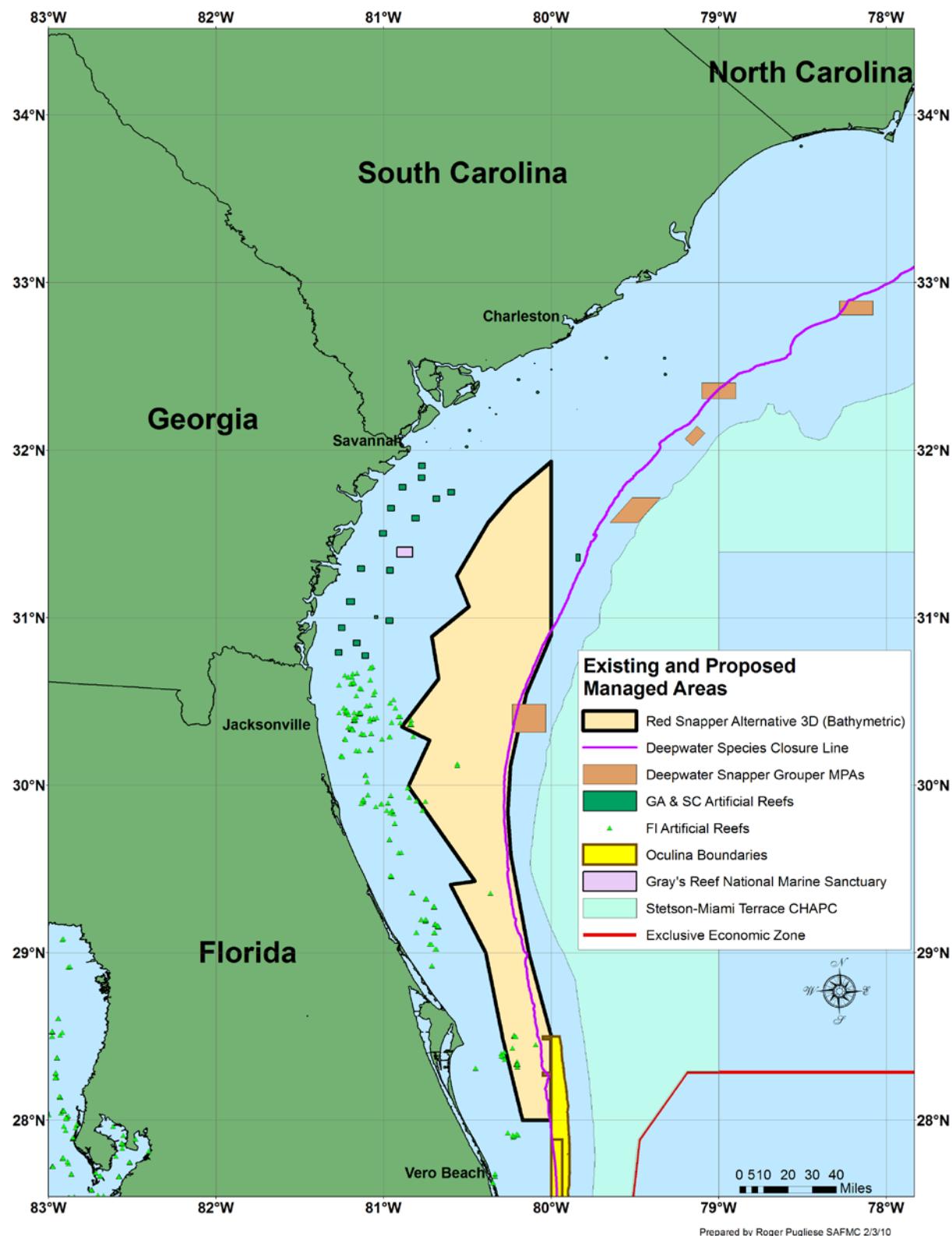


Figure 59. Red Snapper Alternative 3D (98-300ft/Bathymetric) and Managed Areas.

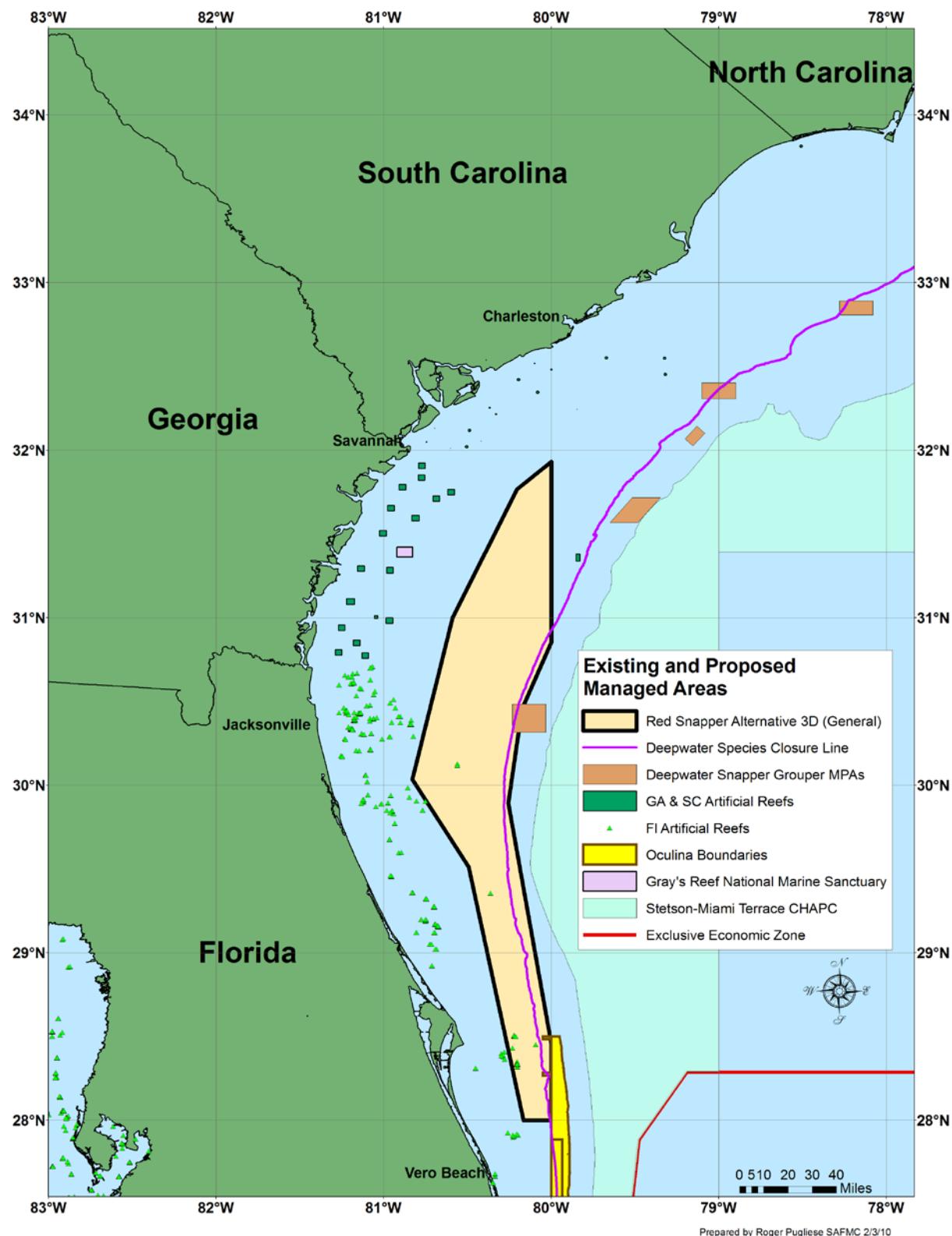


Figure 60. Red Snapper Alternative 3D (98-300ft/General) and Managed Areas.

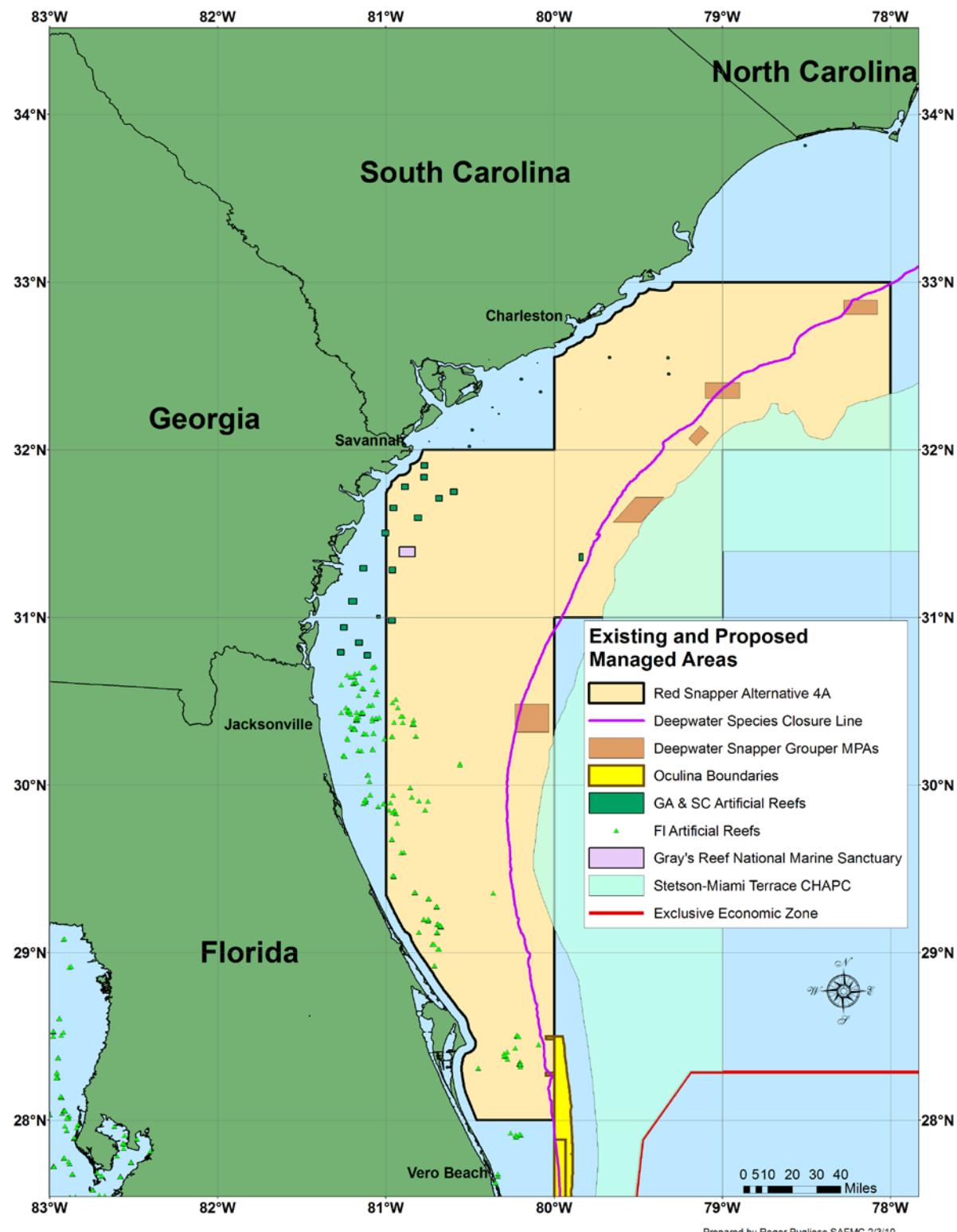


Figure 61. Red Snapper Alternative 4A (Seven Grid) and Managed Areas.

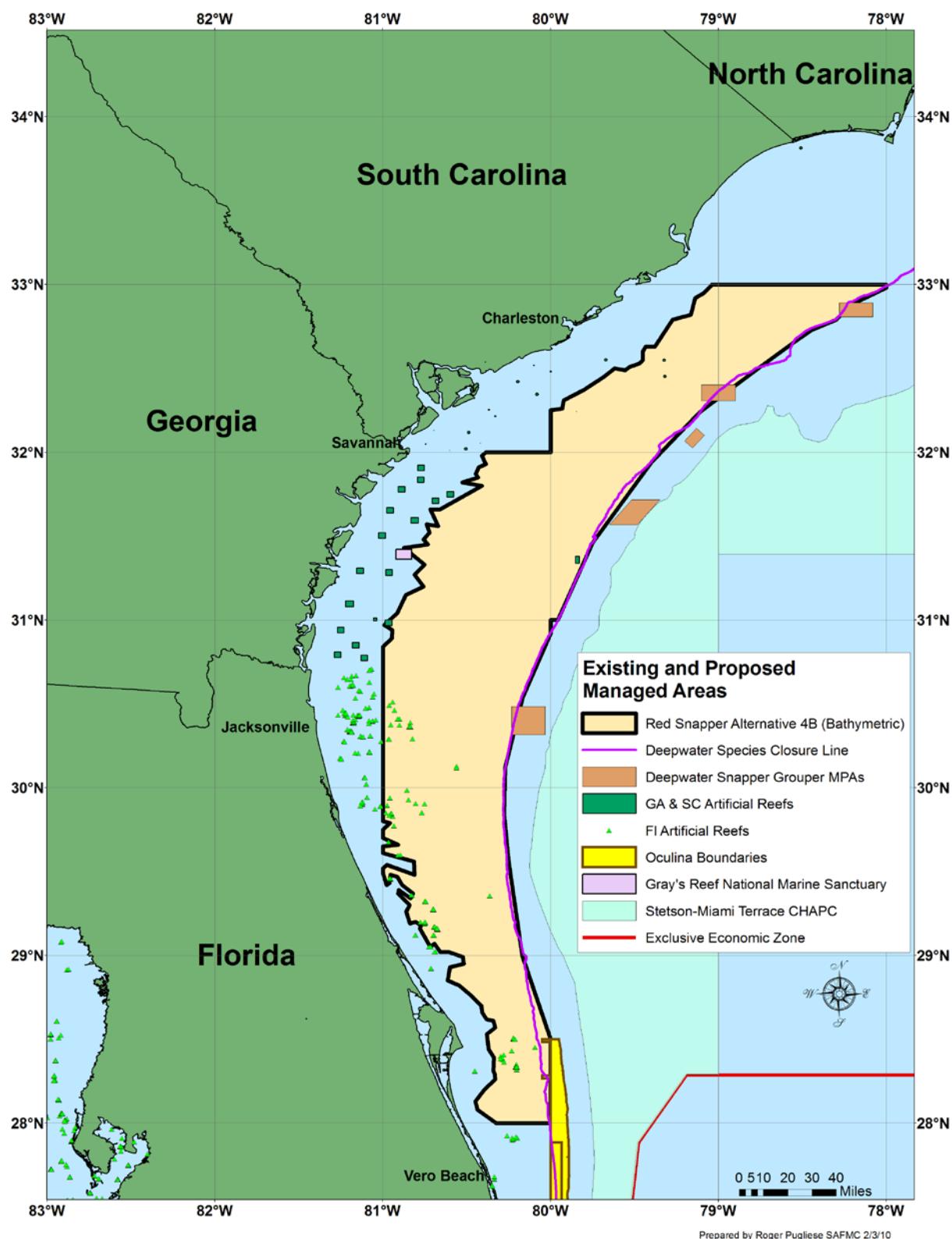


Figure 62. Red Snapper Alternative 4B (66-240ft/Bathymetric) and Managed Areas.

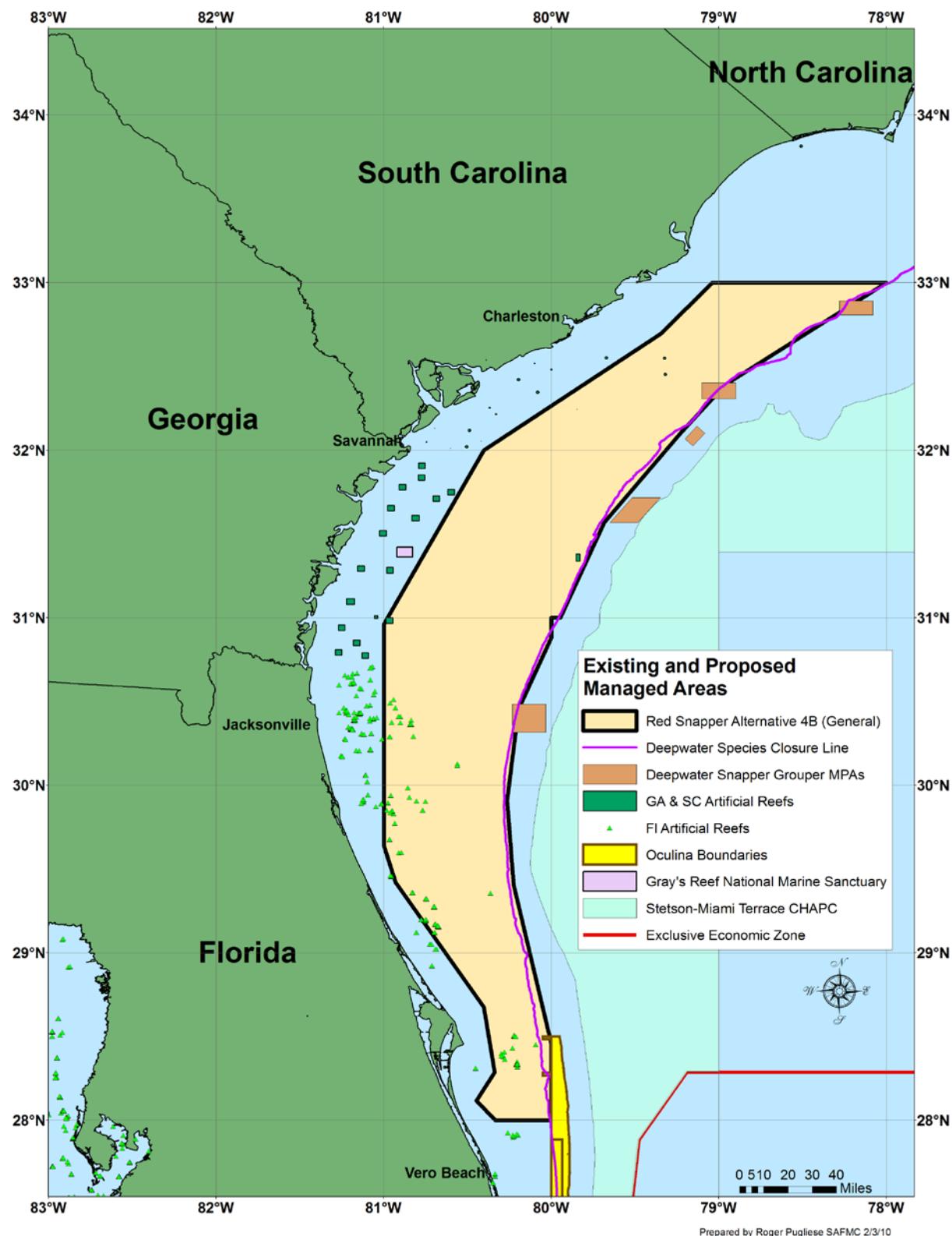


Figure 63. Red Snapper Alternative 4B (66-240ft/General) and Managed Areas.

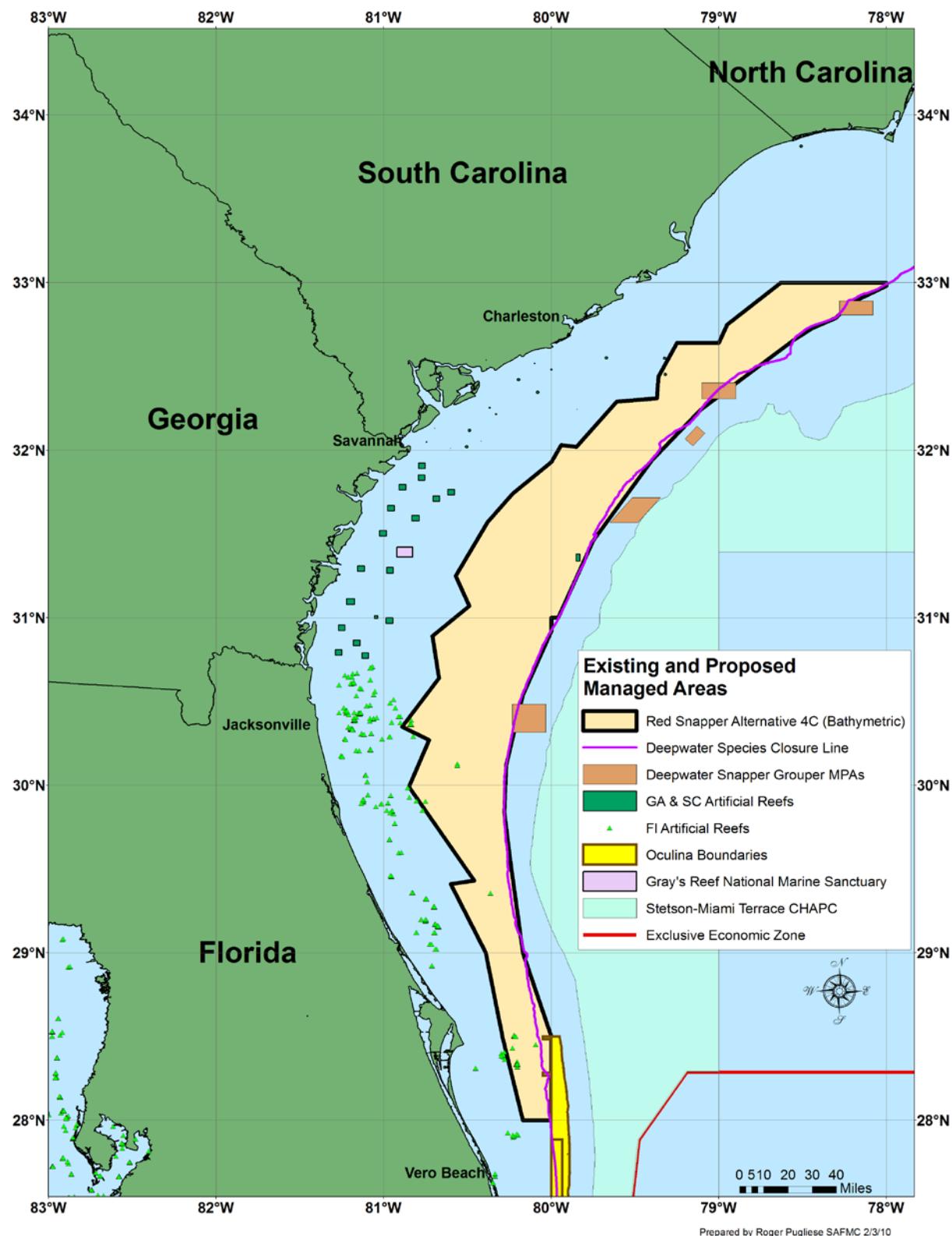


Figure 64. Red Snapper Alternative 4C (98-240ft/Bathymetric) and Managed Areas.

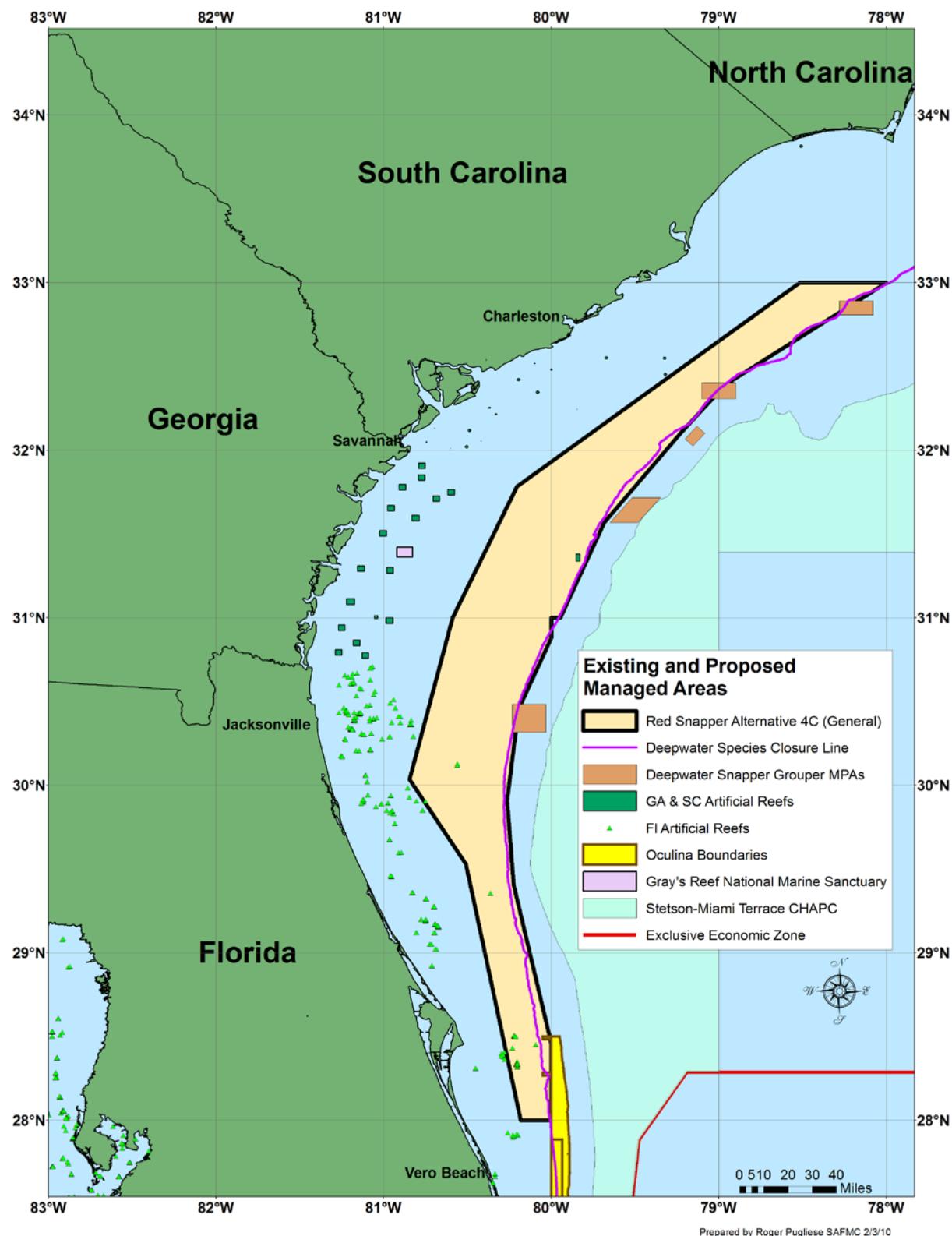


Figure 65. Red Snapper Alternative 4C (98-240ft/General) and Managed Areas

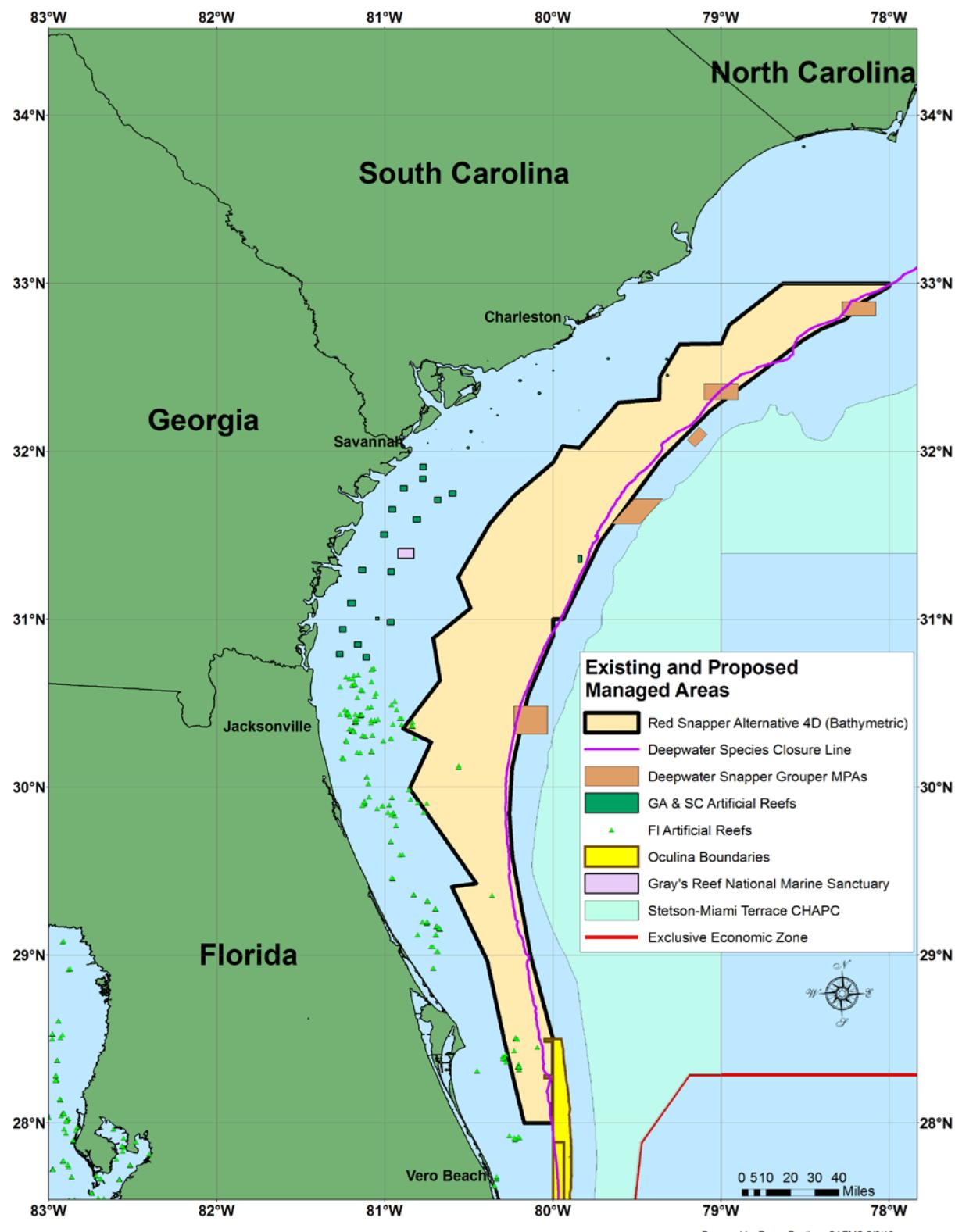


Figure 66. Red Snapper Alternative 4D (98-300ft/Bathymetric) and Managed Areas.

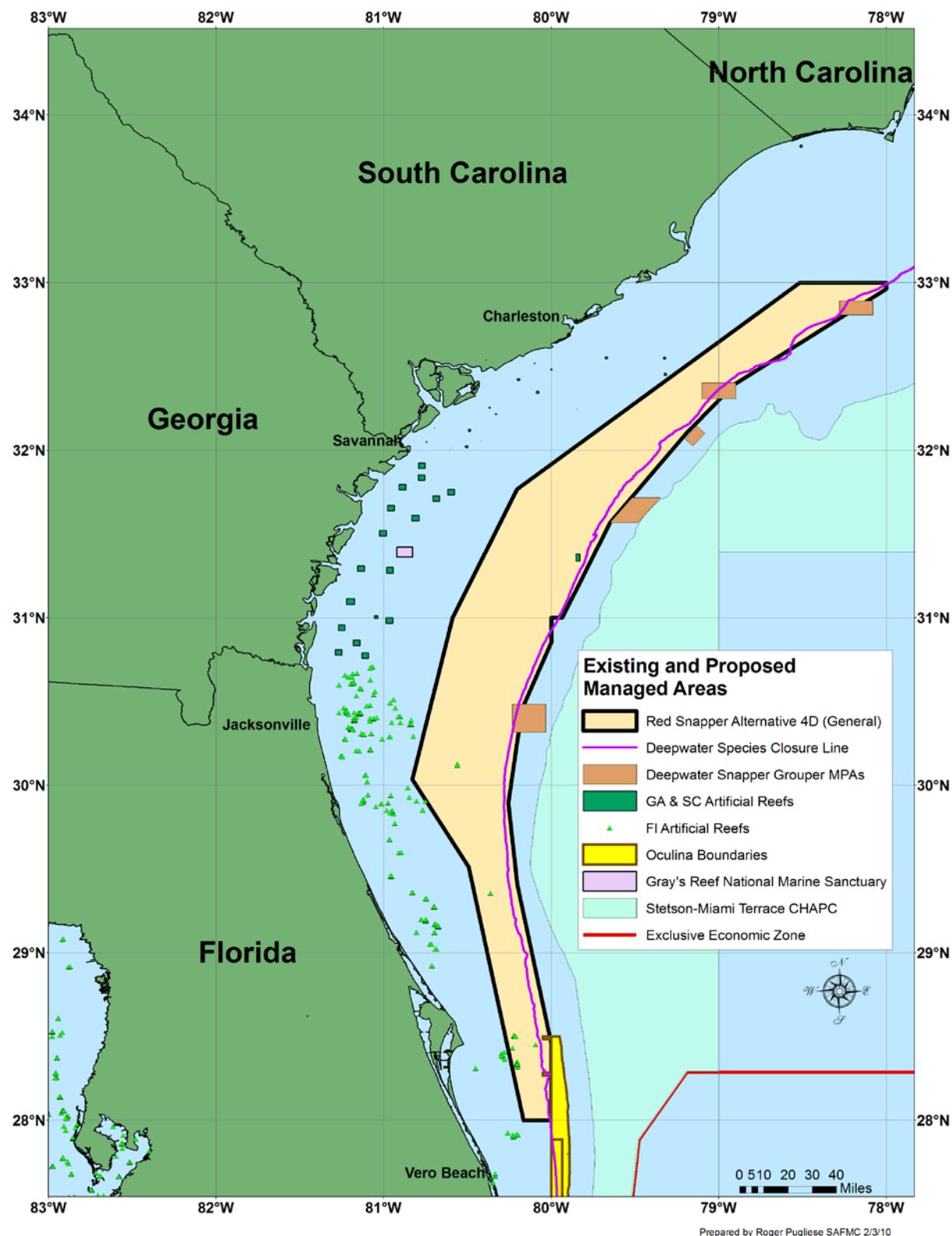


Figure 67. Red Snapper Alternative 4D (98-300ft/General) and Managed Areas