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/

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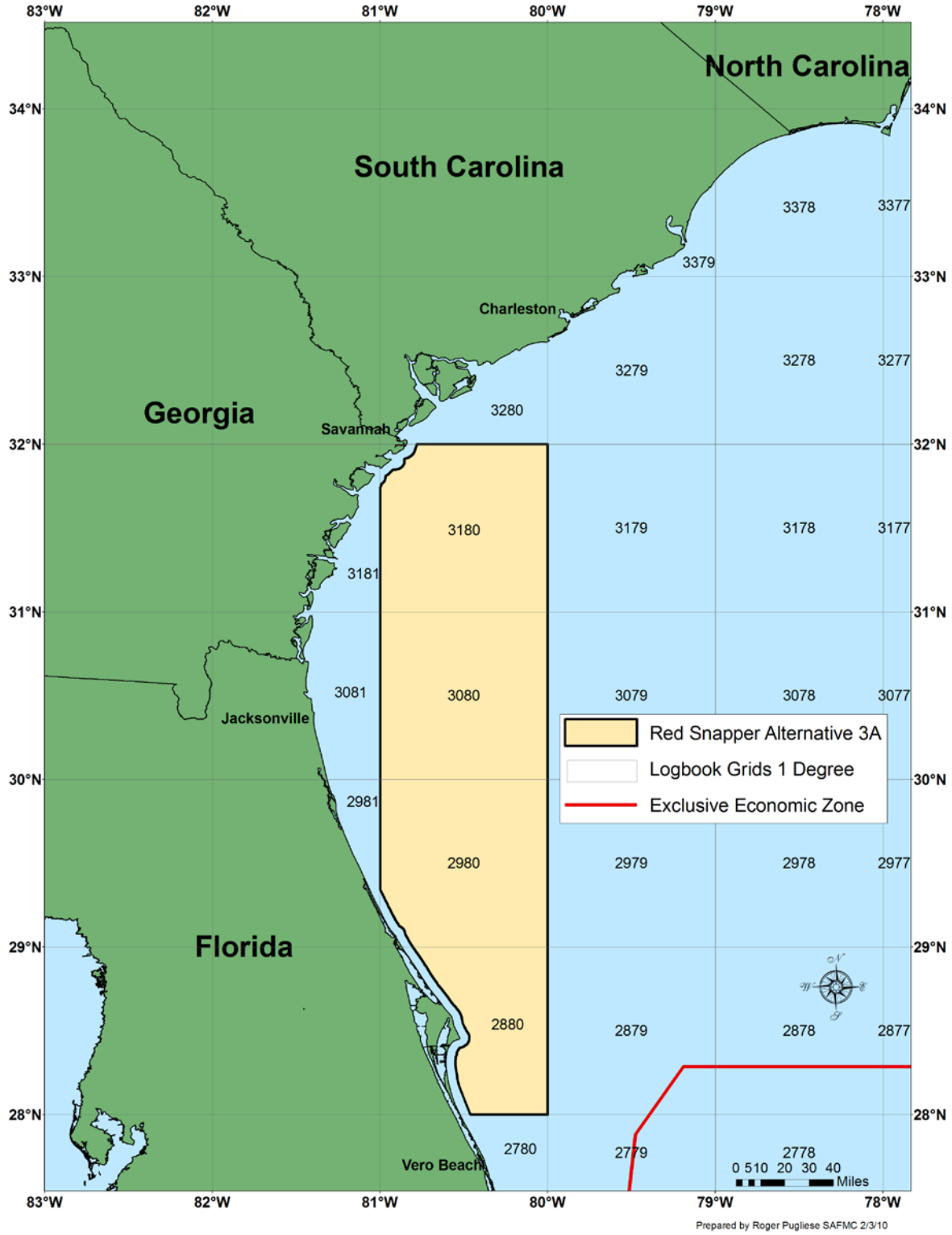

Figure 1. Red Snapper Alternative 3A (Four Grid).

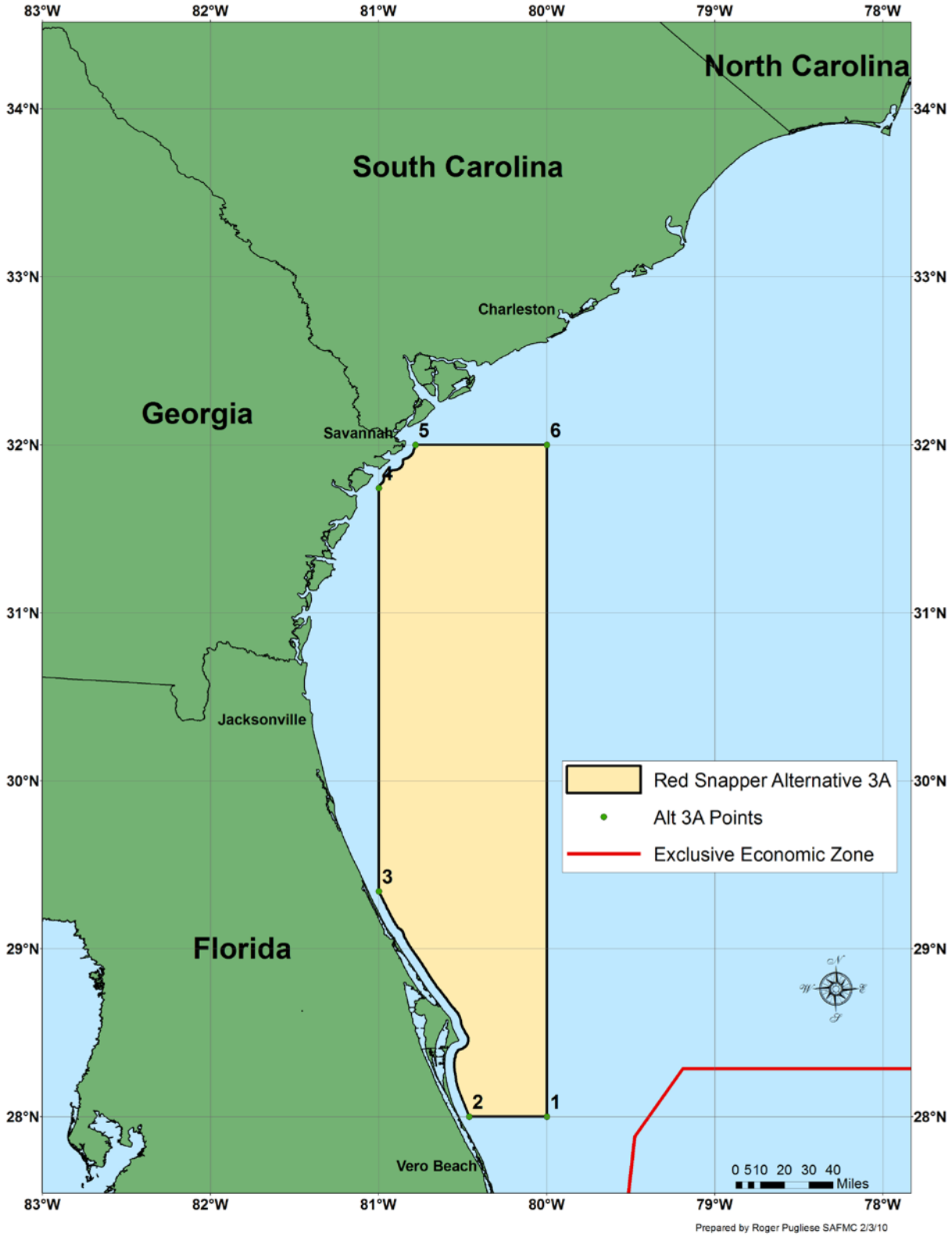

Figure 2. Red Snapper Alternative 3A (Four Grid) with Point Coordinates.

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.

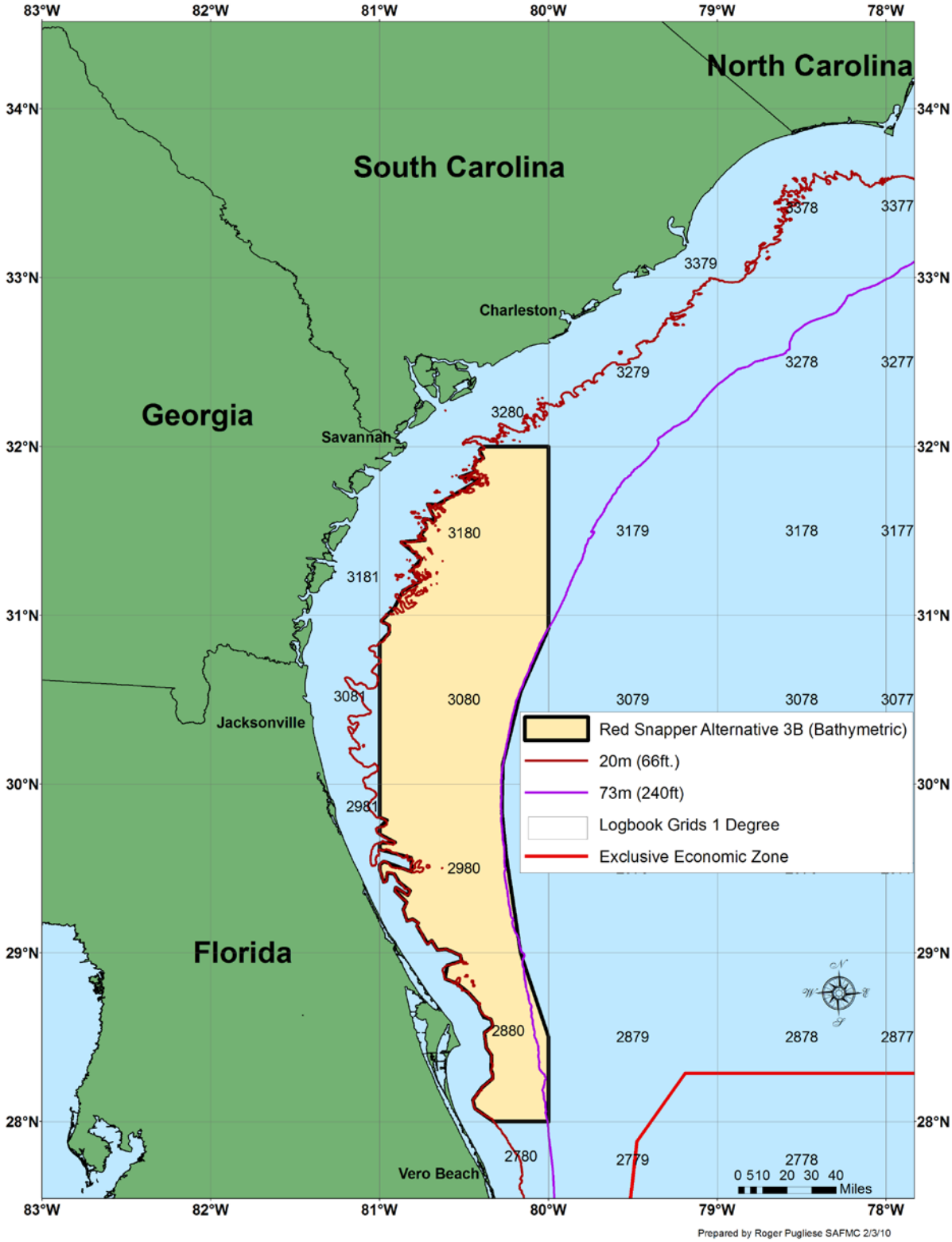

Figure 3. Red Snapper Alternative 3B (66ft-240ft/Bathymetric).

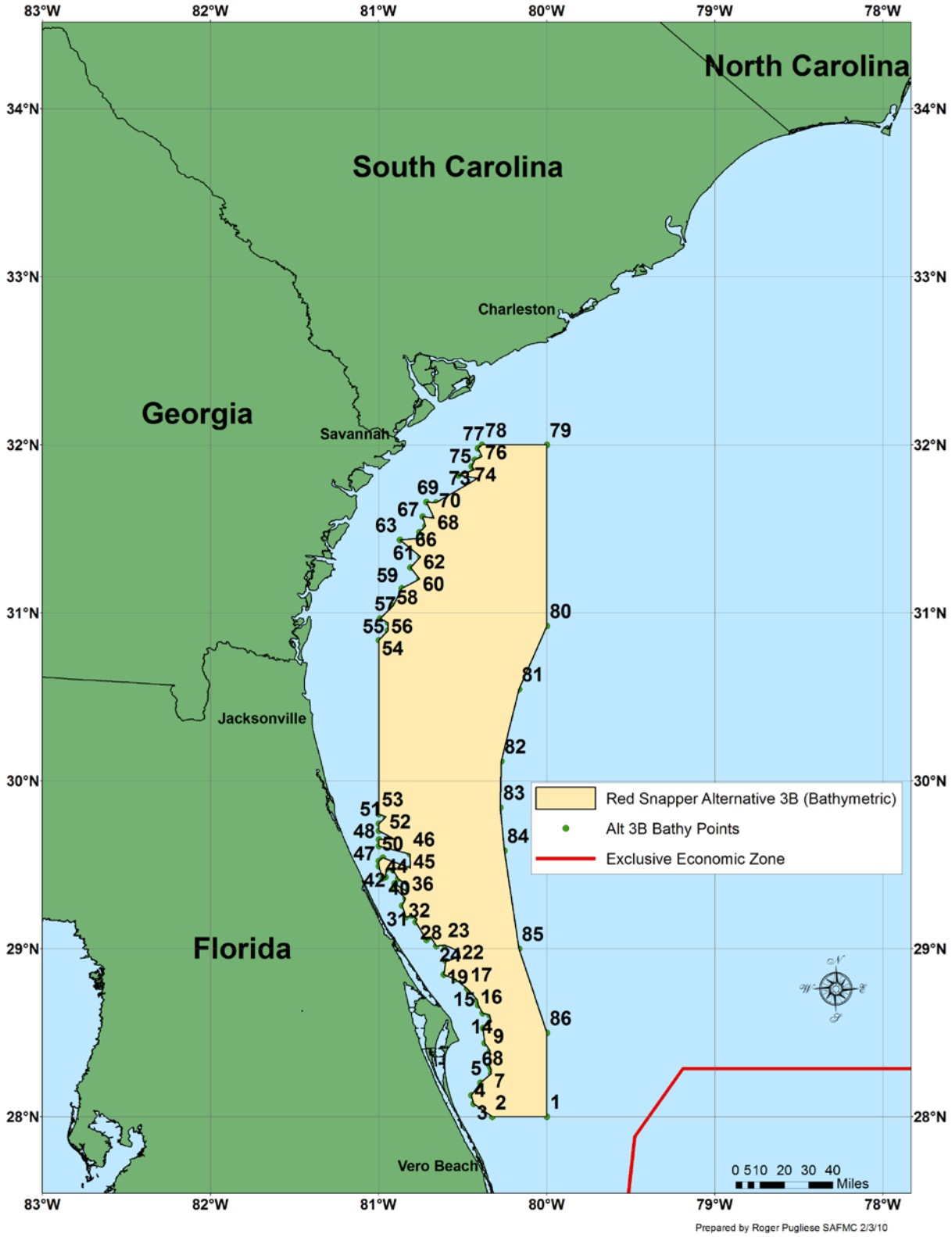

Figure 4. Red Snapper Alternative 3B (66ft-240ft/Bathymetric) with Point Coordinates.

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"

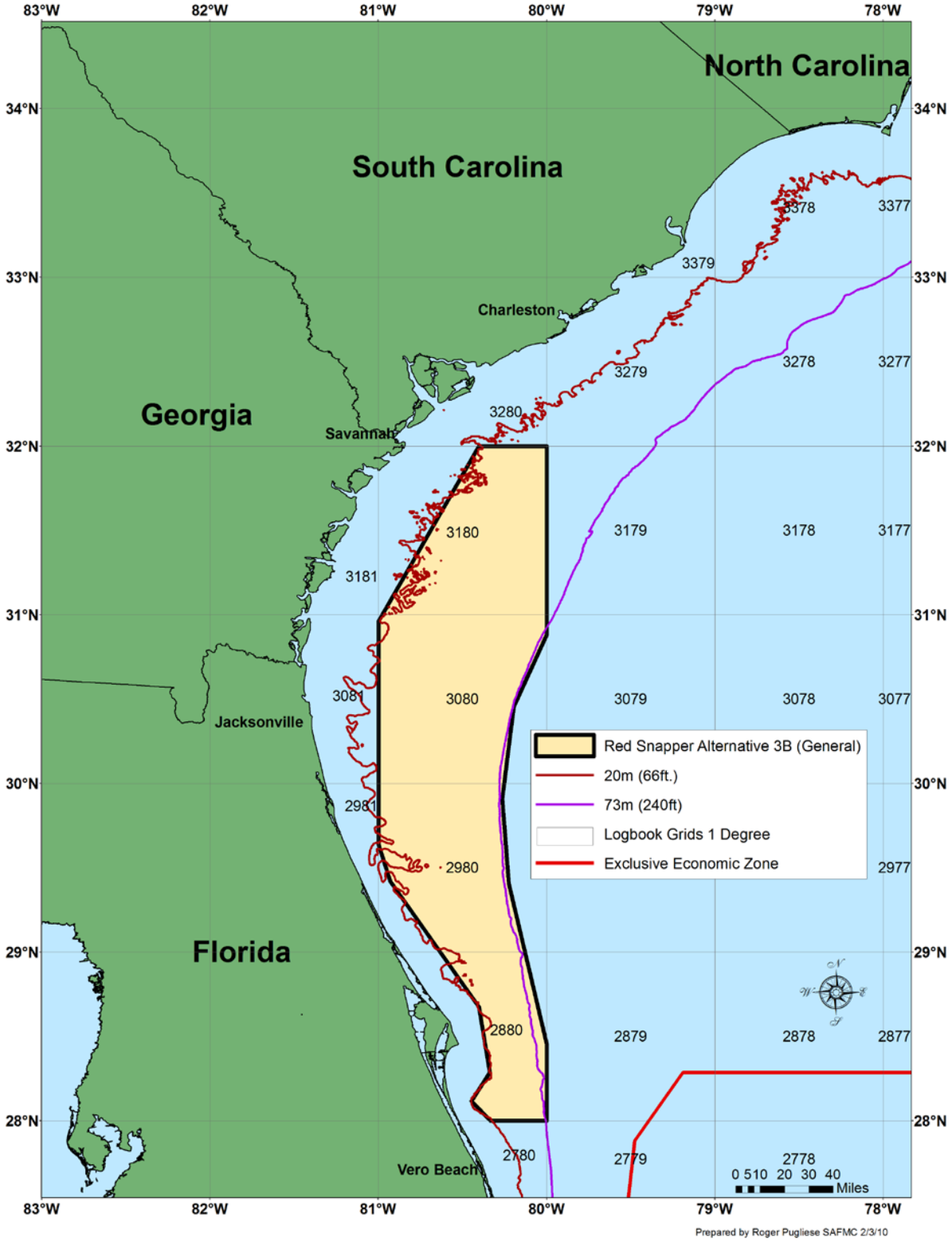

Figure 5. Red Snapper Alternative 3B (66ft-240ft/Generalized).

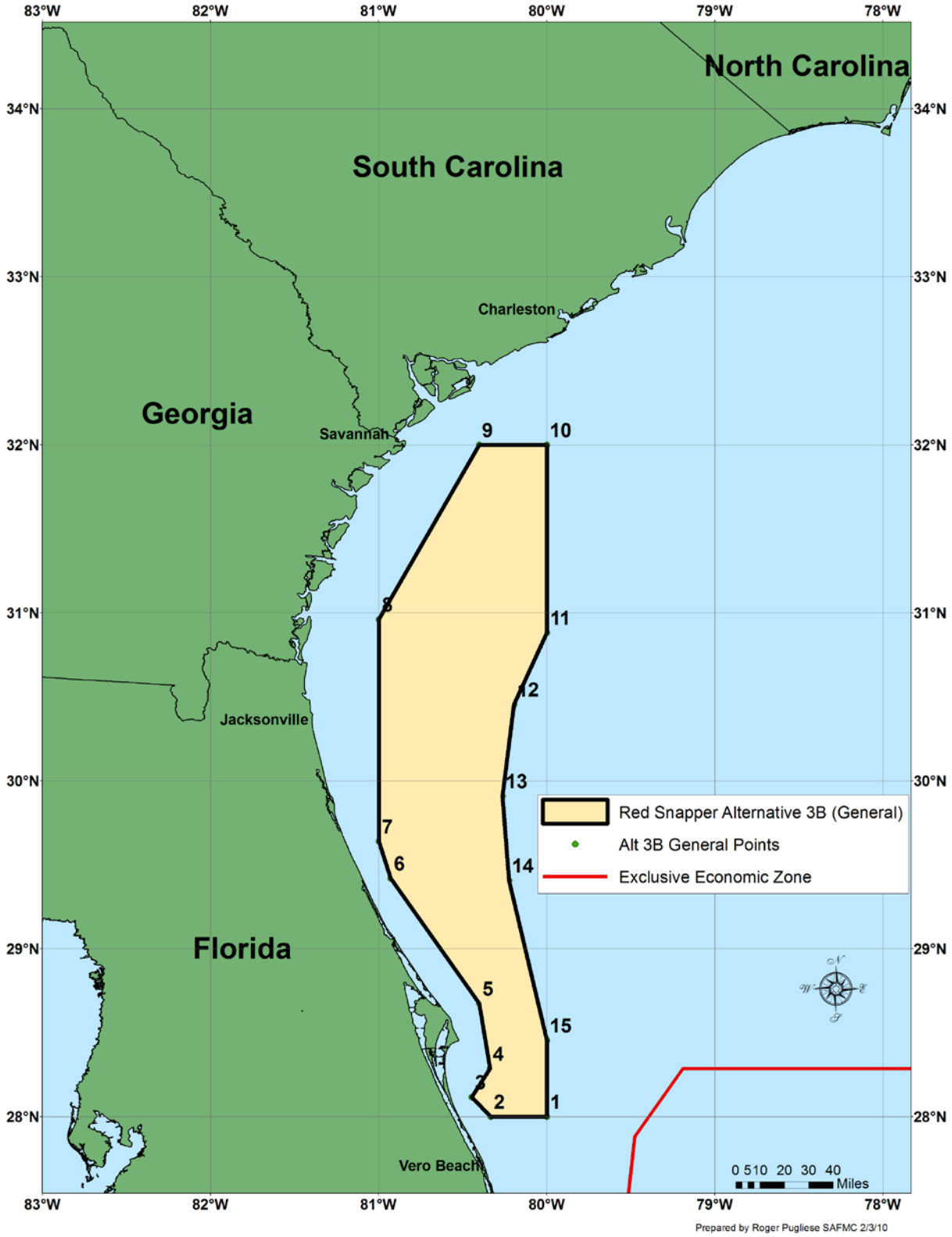

Figure 6. Red Snapper Alternative 3B (66ft-240ft/Generalized) with Point Coordinates.

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"

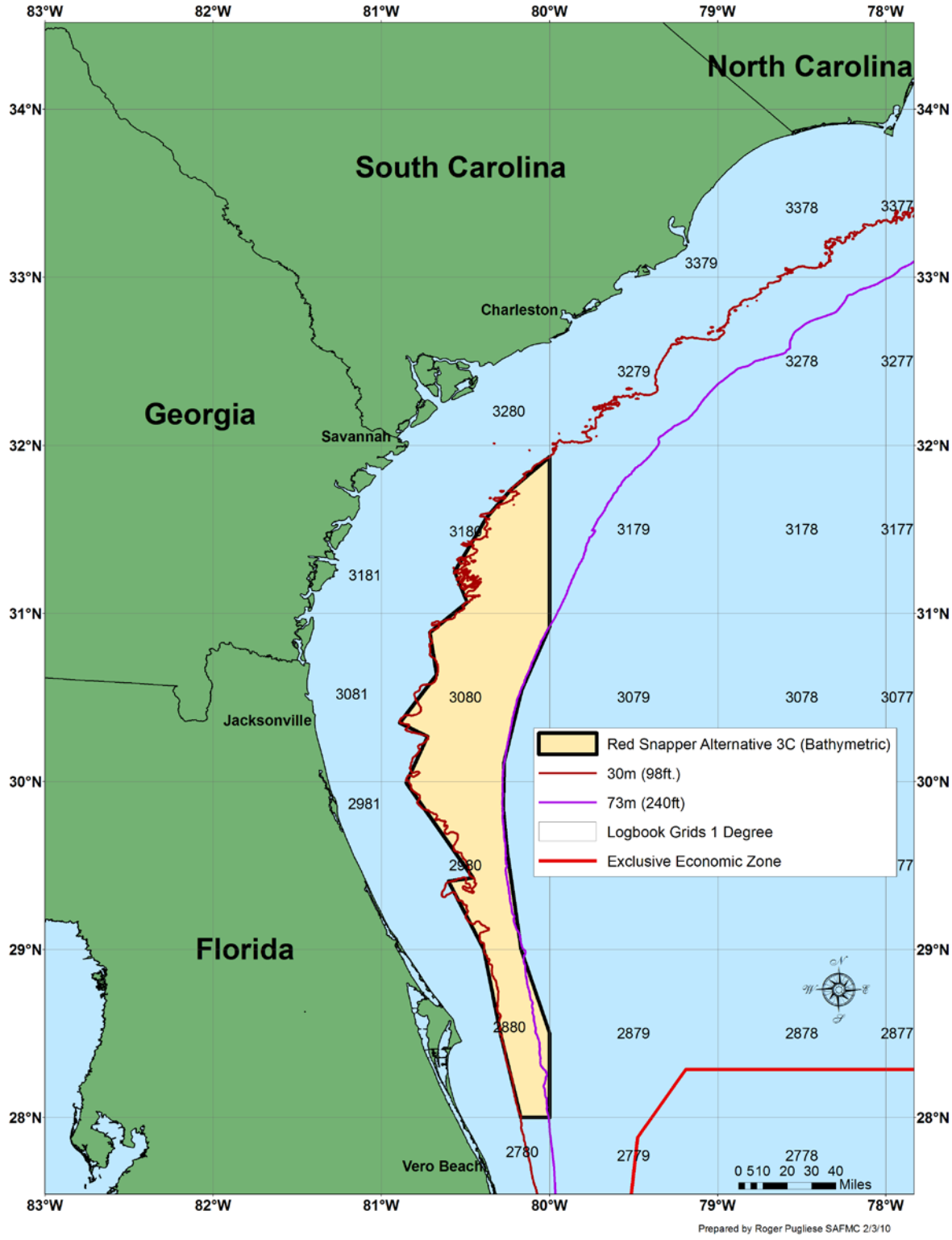

Figure 7. Red Snapper Alternative 3C (98ft-240ft/Bathymetric).

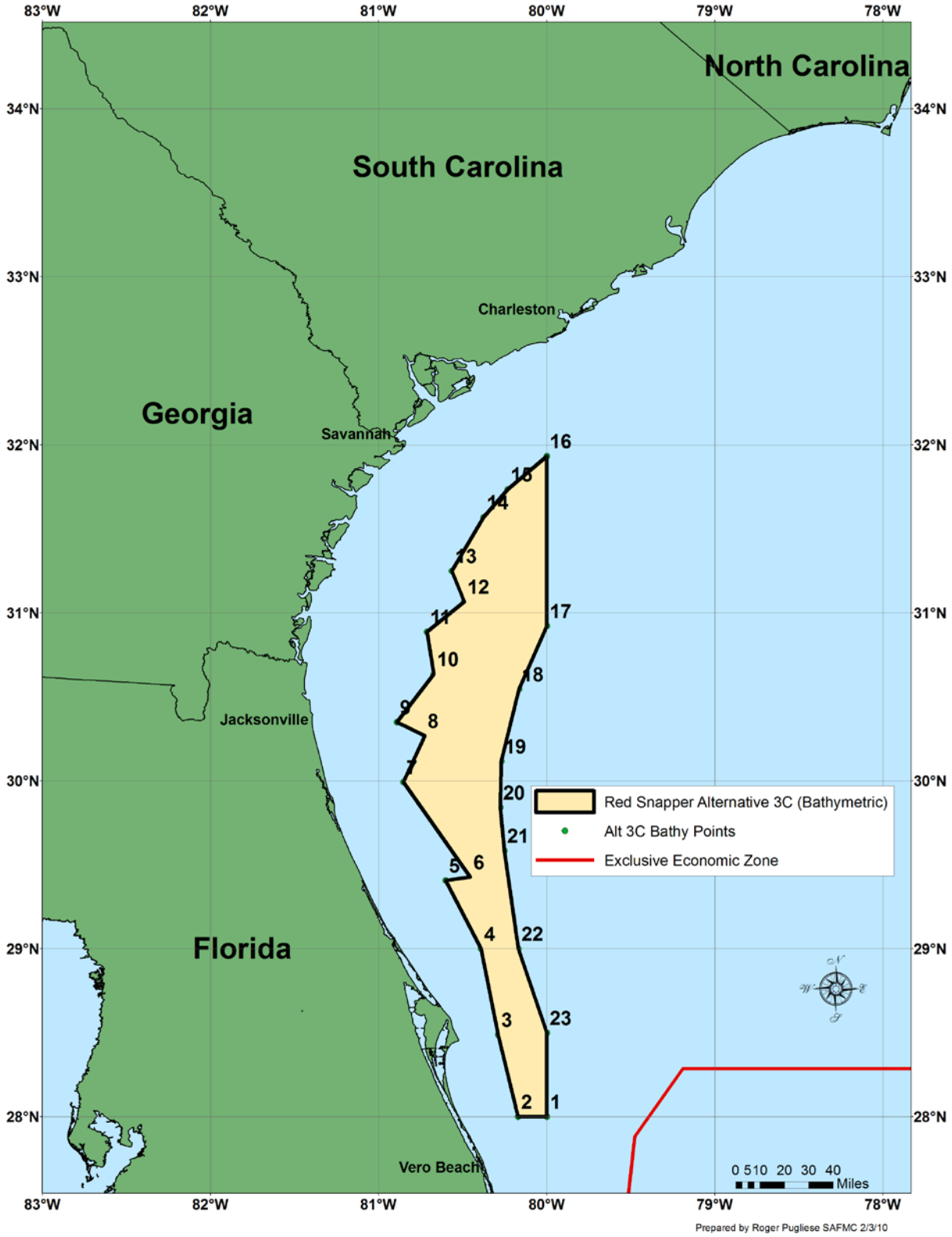

Figure 8. Red Snapper Alternative 3C (98ft-240ft/Bathymetric) with Point Coordinates.

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"

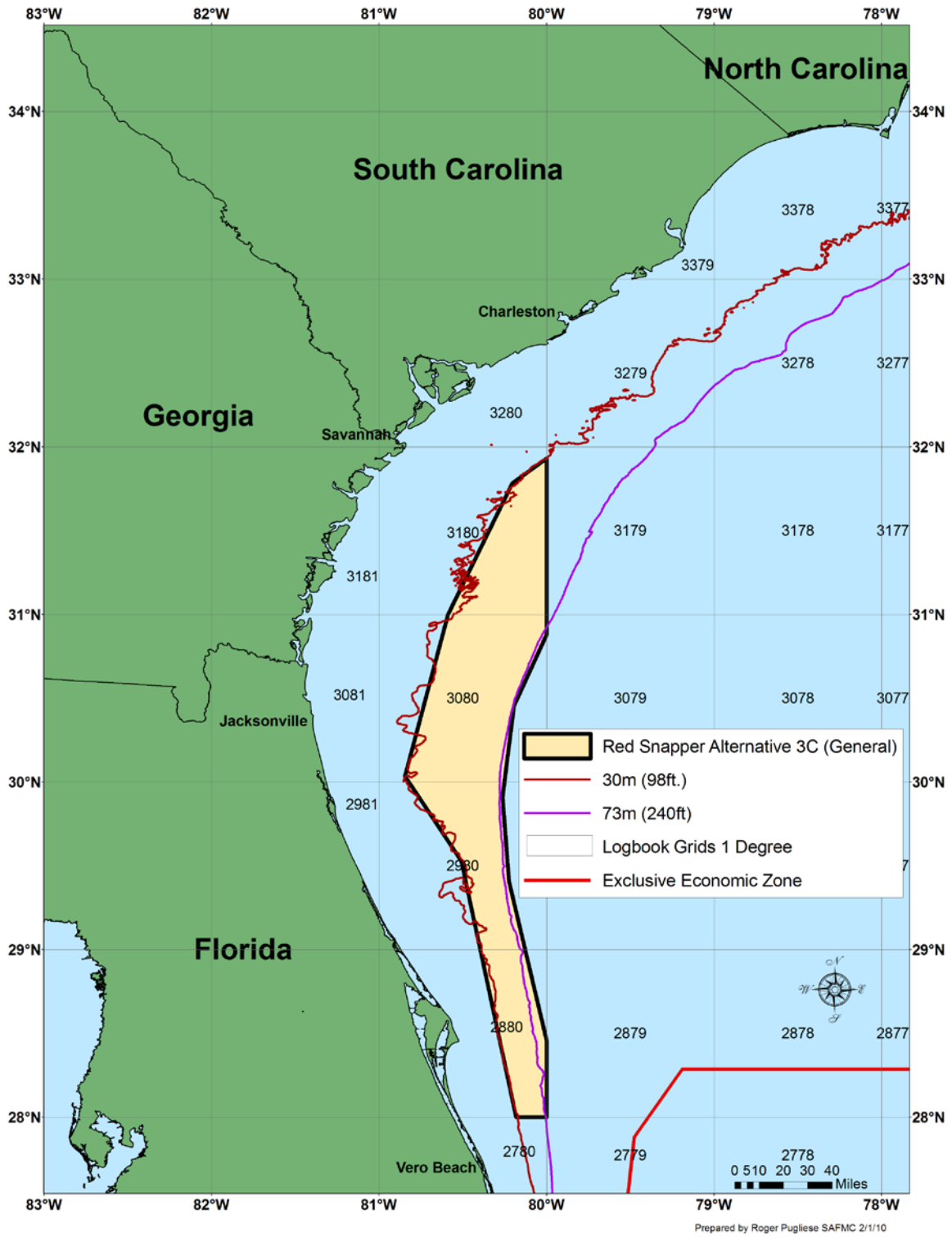

Figure 9. Red Snapper Alternative 3C (98ft-240ft/Generalized).

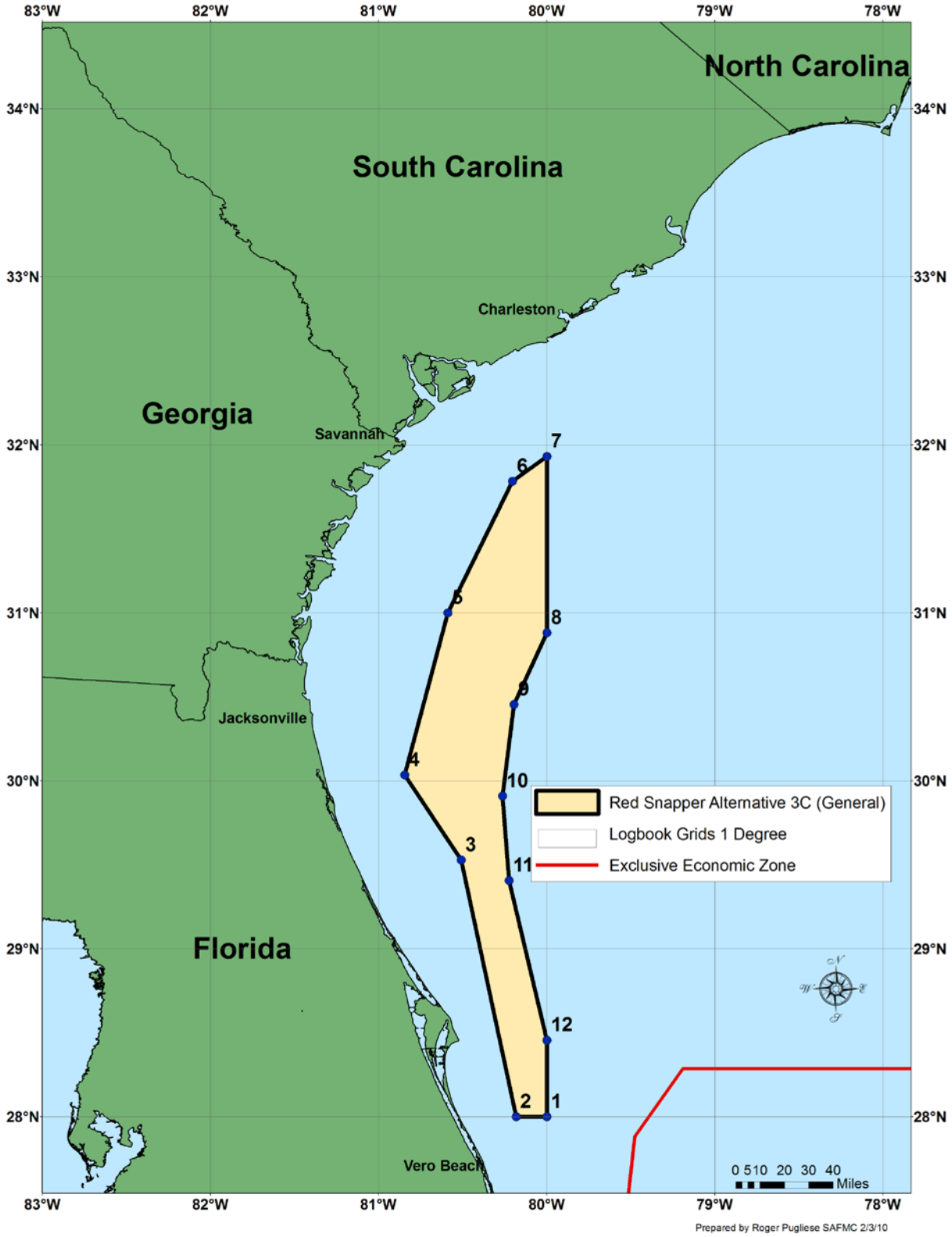

Figure 10. Red Snapper Alternative 3C (98ft-240ft/Generalized) with Point Coordinates.

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"

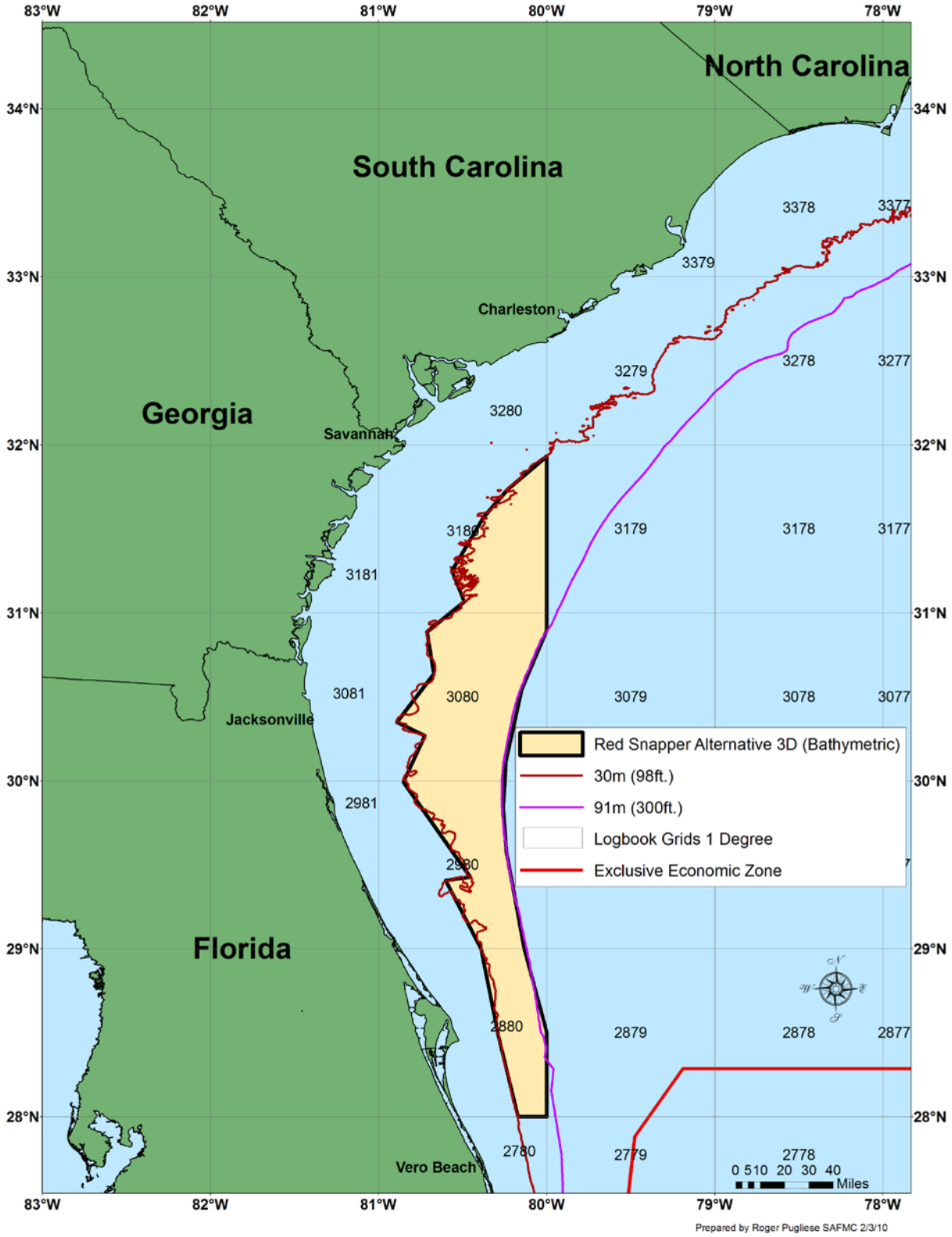

Figure 11. Red Snapper Alternative 3D (98ft-300ft/Bathymetric).

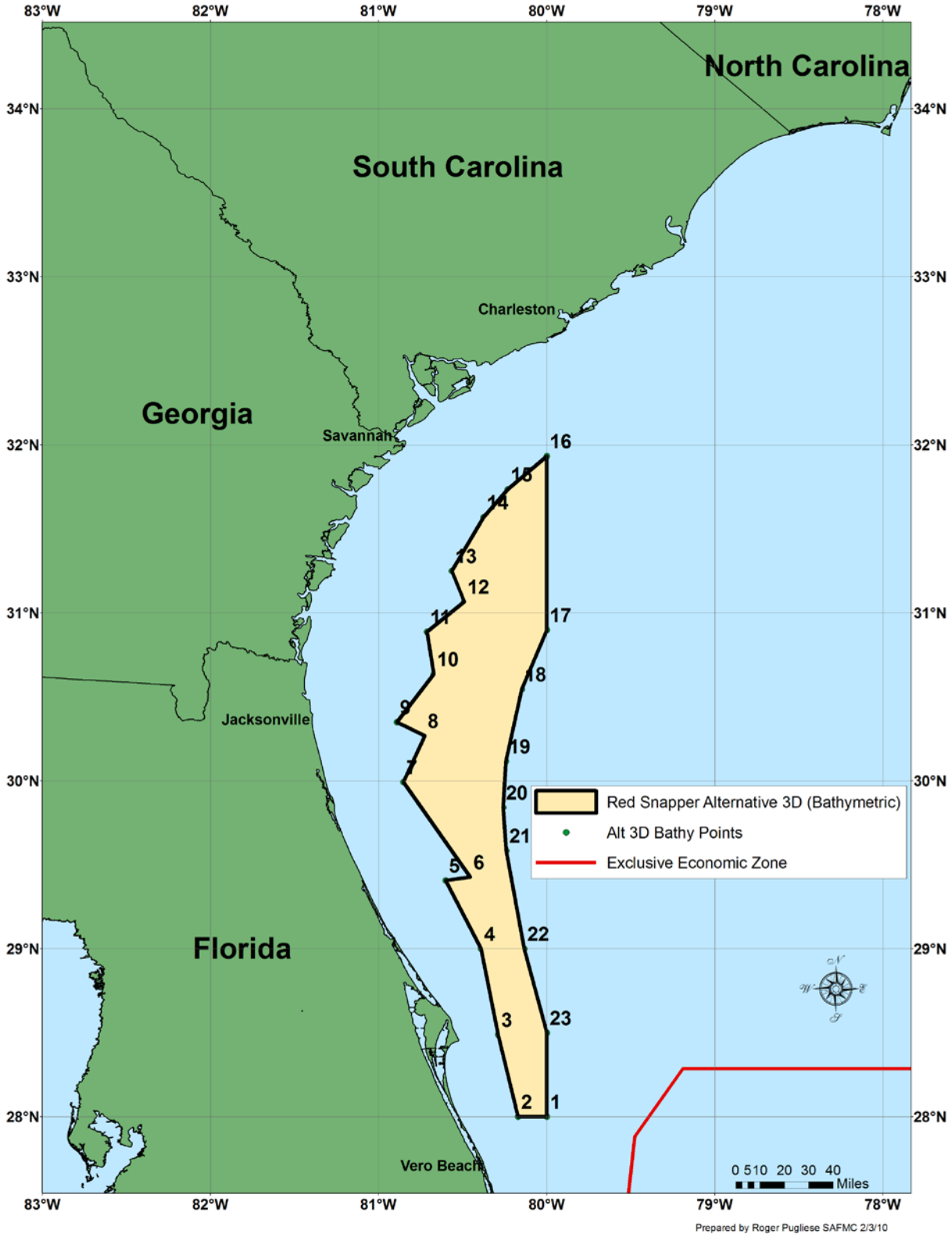

Figure 12. Red Snapper Alternative 3D (98ft-300ft/Bathymetric) with Point Coordinates.

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"

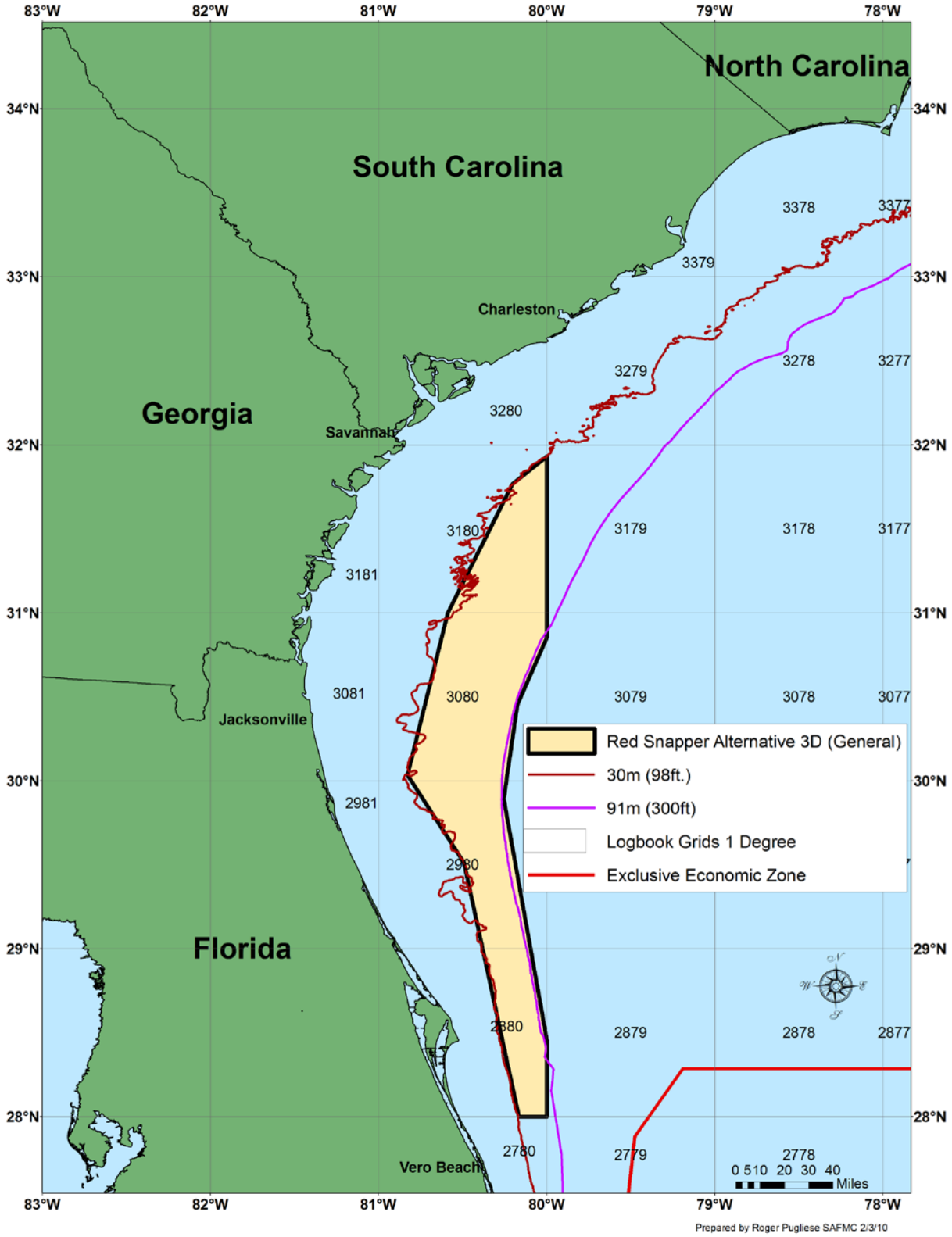

Figure 13. Area Coordinates for Red Snapper Alternative 3D (98ft-300ft/Generalized).

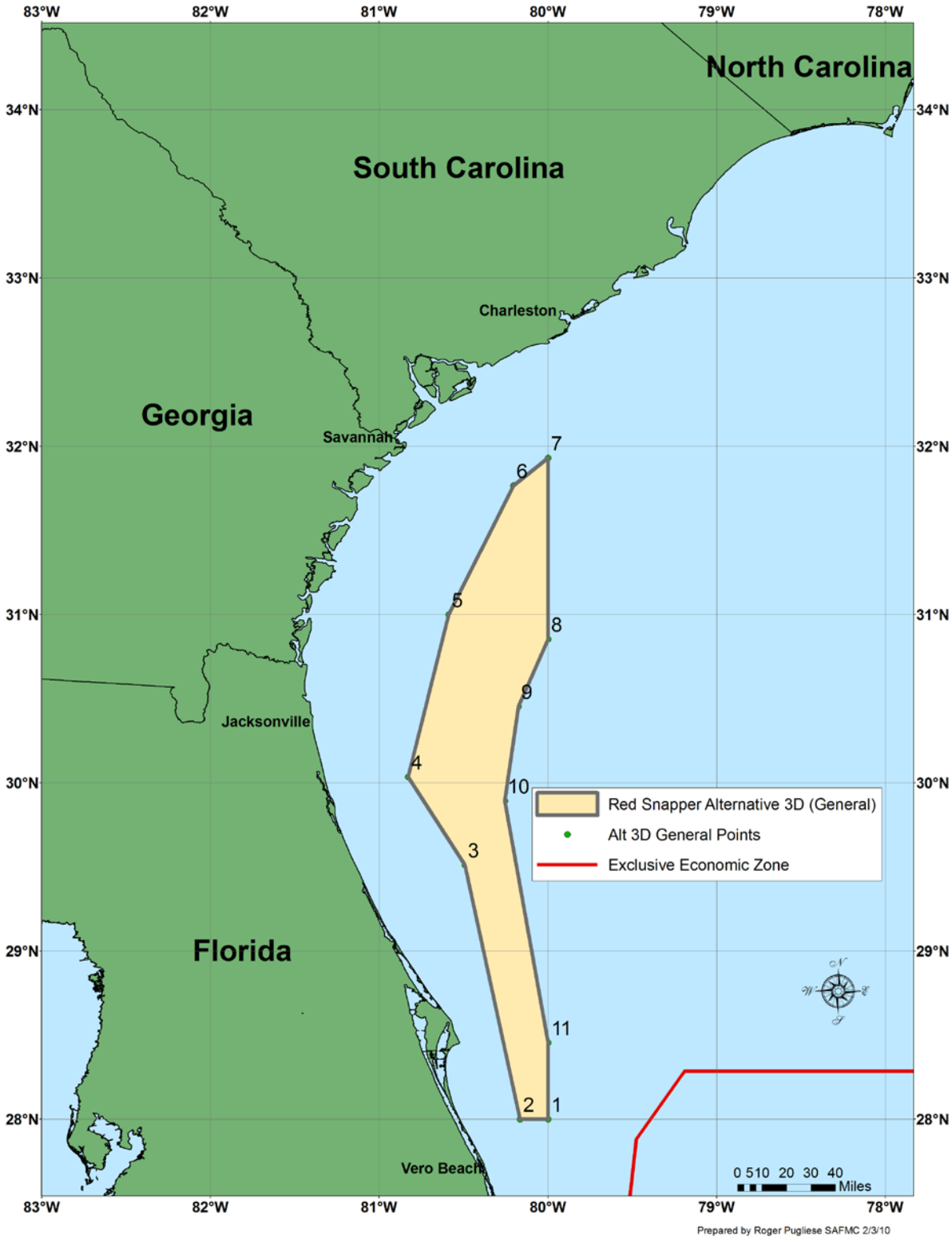

Figure 14. Area Coordinates for Red Snapper Alternative 3D (98ft-300ft/Generalized) with Point Coordinates.

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"

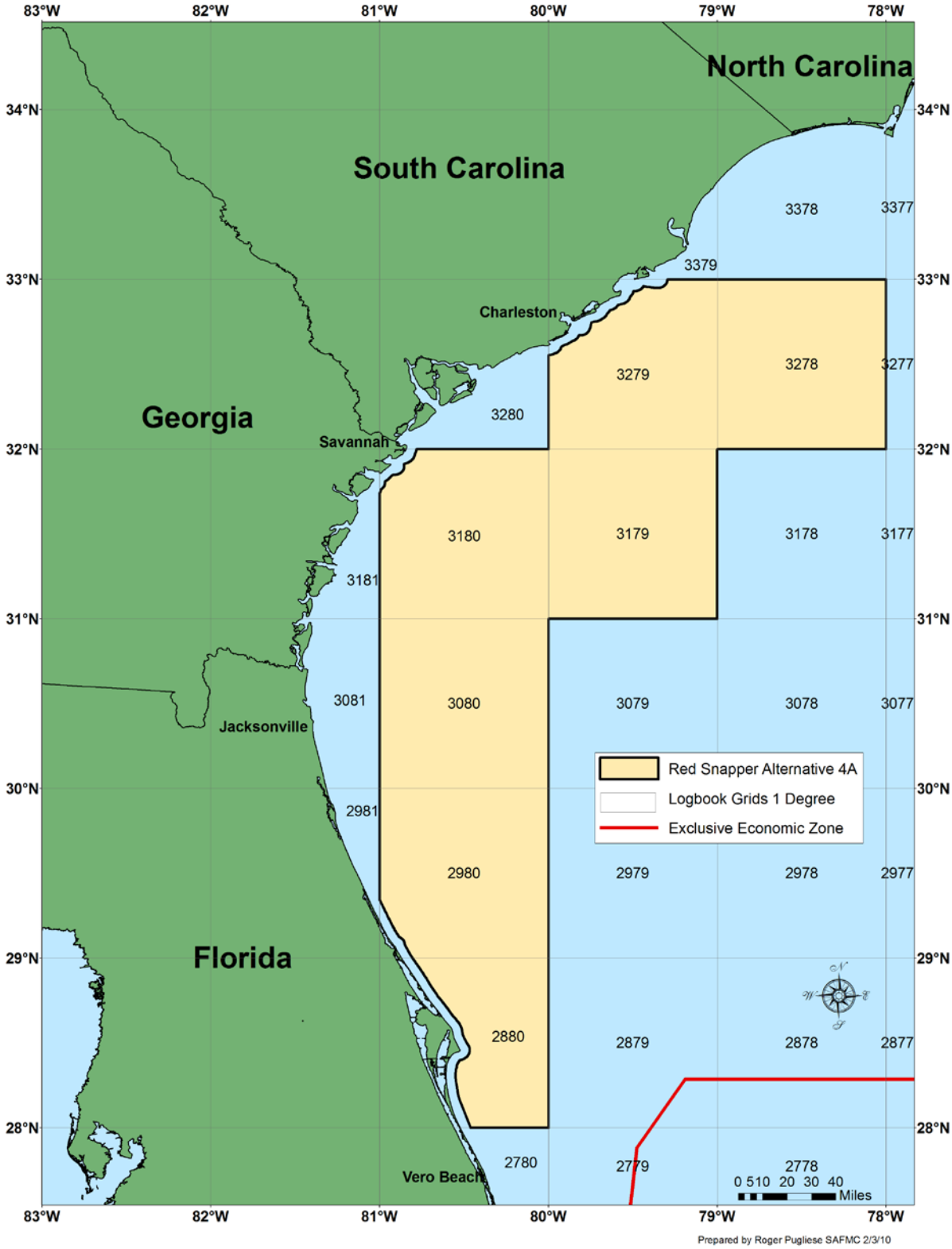

Figure 15. Red Snapper Alternative 4A (Seven Grid).

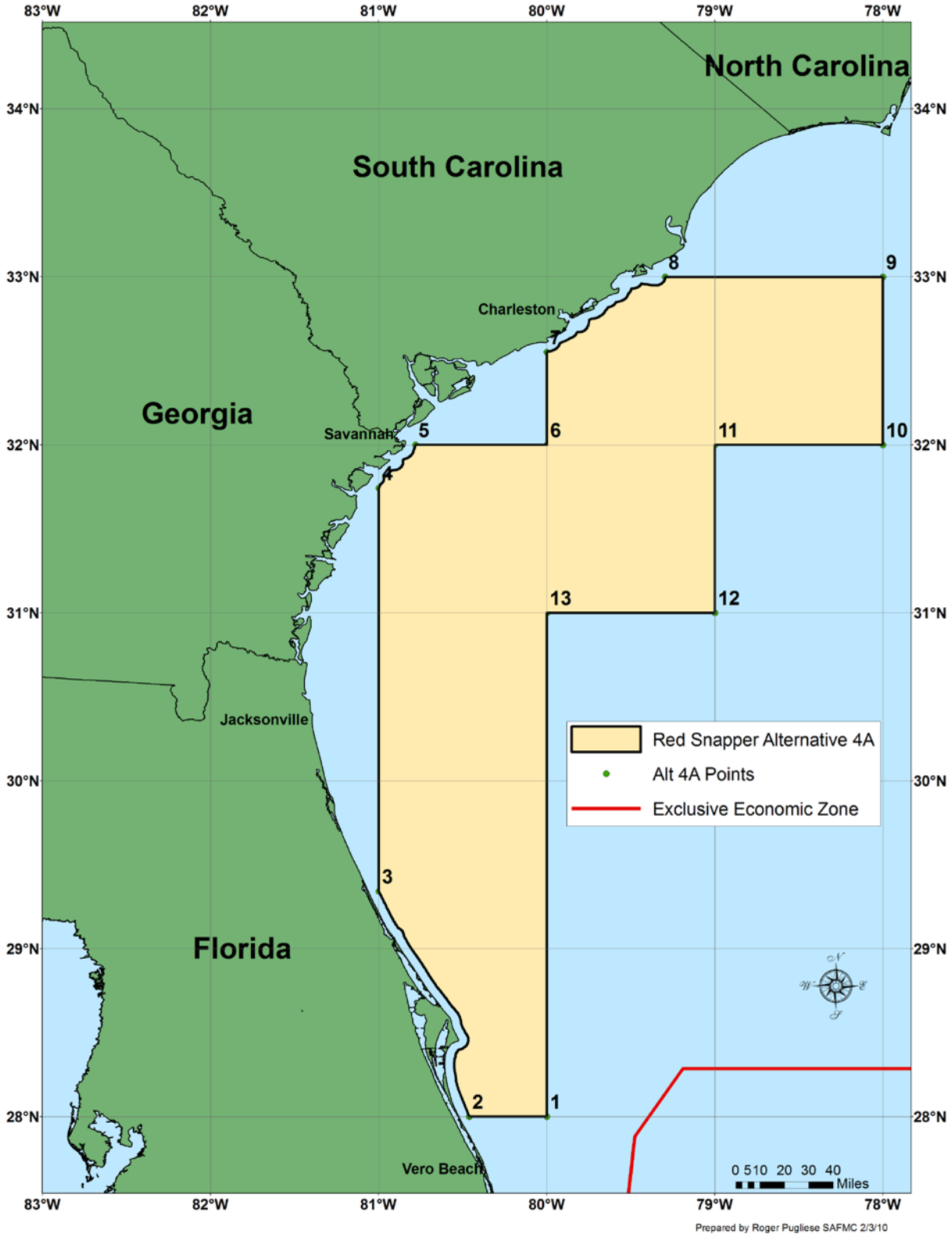

Figure 16. Red Snapper Alternative 4A (Seven Grid) with Point Coordinates.

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.

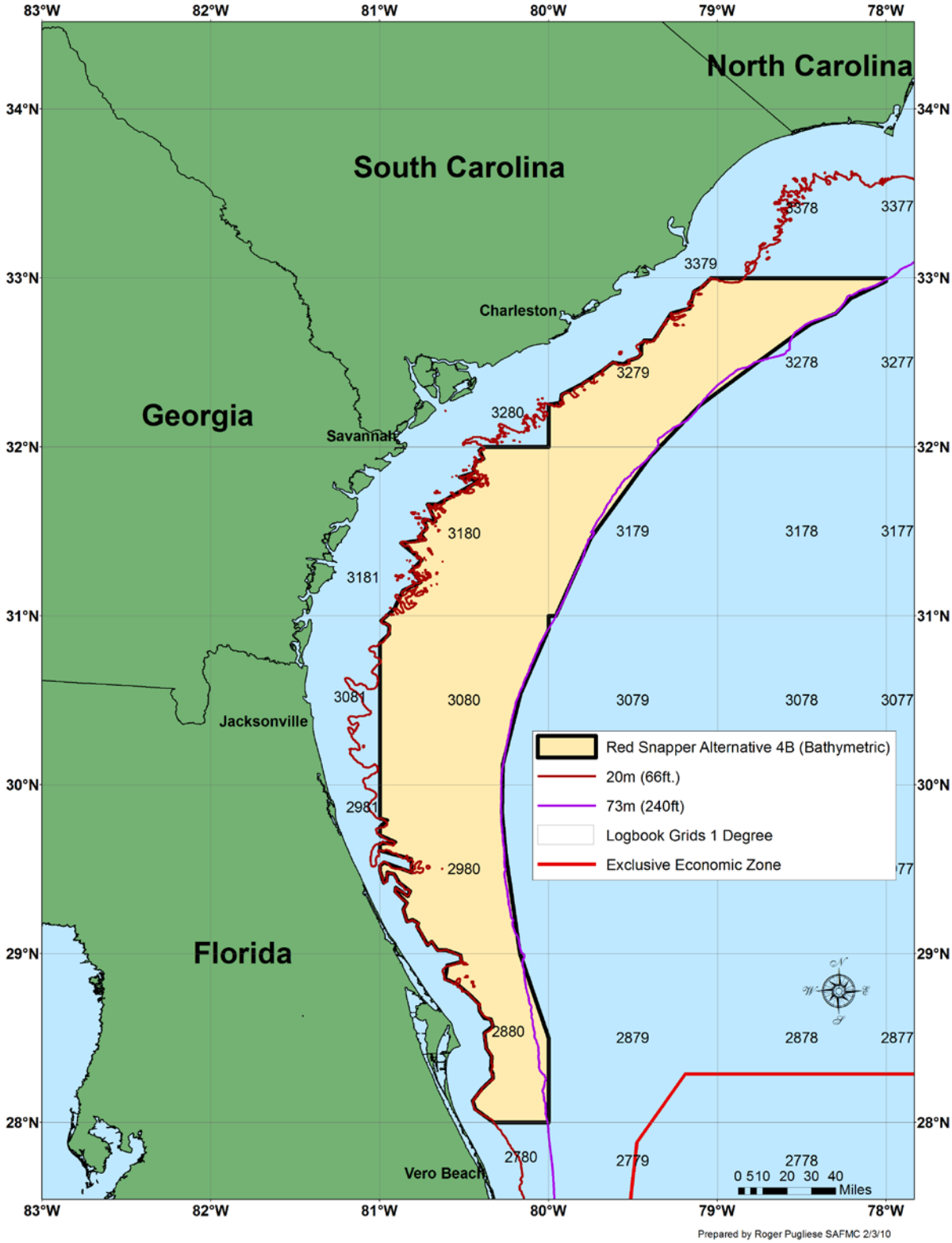

Figure 17. Red Snapper Alternative 4B (66ft-240ft/Bathymetric).

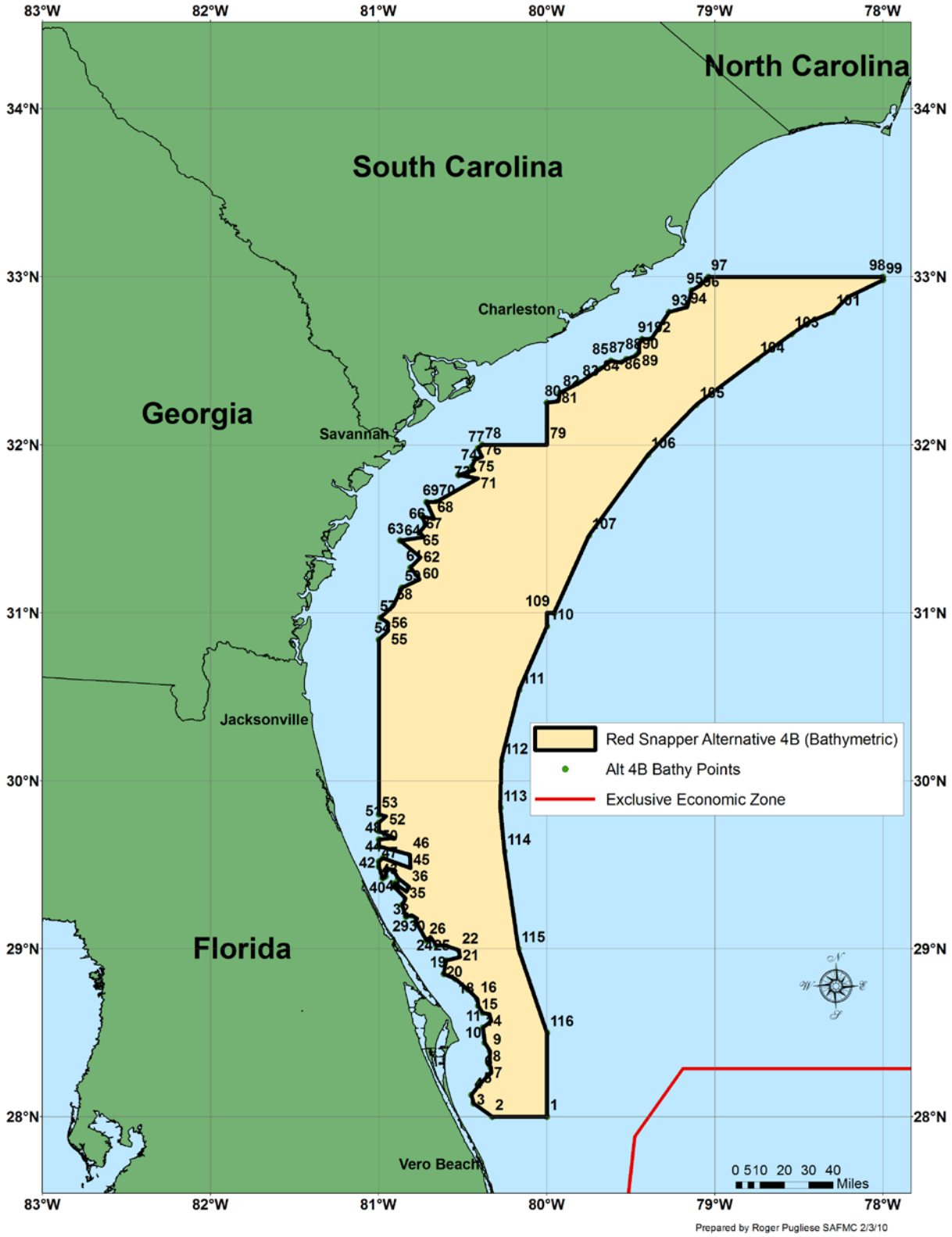

Figure 18. Red Snapper Alternative 4B (66ft-240ft/Bathymetric) with Point Coordinates.

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

ID	LAT_DMS	LON_DMS
1	28° 00' 00"	-80° 00' 00"
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	32° 15' 03"	-80° 00' 01"
81	32° 15' 53"	-79° 55' 54"
82	32° 18' 27"	-79° 55' 19"
83	32° 21' 54"	-79° 48' 17"
84	32° 26' 49"	-79° 40' 58"
85	32° 29' 56"	-79° 37' 06"
86	32° 29' 10"	-79° 33' 22"
87	32° 30' 48"	-79° 31' 41"
88	32° 31' 41"	-79° 28' 11"
89	32° 33' 14"	-79° 27' 05"
90	32° 35' 47"	-79° 27' 04"
91	32° 37' 33"	-79° 26' 02"
92	32° 37' 31"	-79° 22' 41"
93	32° 47' 39"	-79° 16' 27"
94	32° 49' 27"	-79° 09' 53"
95	32° 55' 16"	-79° 08' 22"
96	32° 57' 12"	-79° 05' 14"
97	33° 00' 00"	-79° 02' 23"
98	33° 00' 00"	-78° 00' 00"

99	32° 58' 50"	-78° 00' 00"
100	32° 53' 02"	-78° 12' 38"
101	32° 47' 21"	-78° 17' 49"
102	32° 43' 47"	-78° 26' 40"
103	32° 39' 37"	-78° 32' 45"
104	32° 30' 36"	-78° 45' 00"
105	32° 14' 24"	-79° 06' 36"
106	31° 56' 24"	-79° 24' 00"
107	31° 27' 36"	-79° 45' 00"
108	31° 00' 00"	-79° 57' 28"
109	31° 00' 00"	-80° 00' 00"
110	30° 55' 18"	-80° 00' 00"
111	30° 32' 40"	-80° 10' 00"
112	30° 07' 00"	-80° 16' 15"
113	29° 50' 25"	-80° 16' 38"
114	29° 35' 00"	-80° 15' 13"
115	29° 00' 00"	-80° 10' 10"
116	28° 30' 00"	-80° 00' 00"

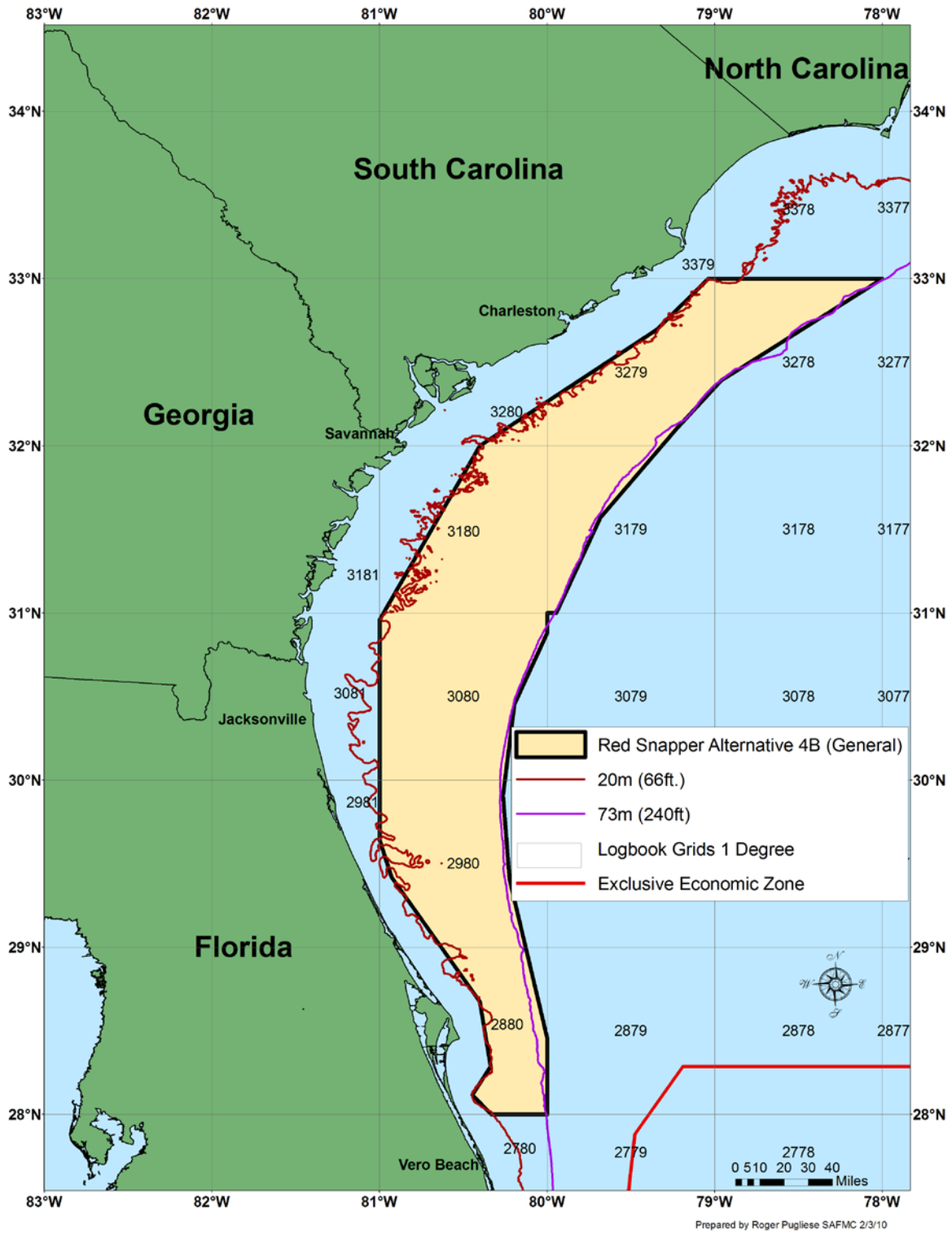

Figure 19. Red Snapper Alternative 4B (66ft-240ft/Generalized).

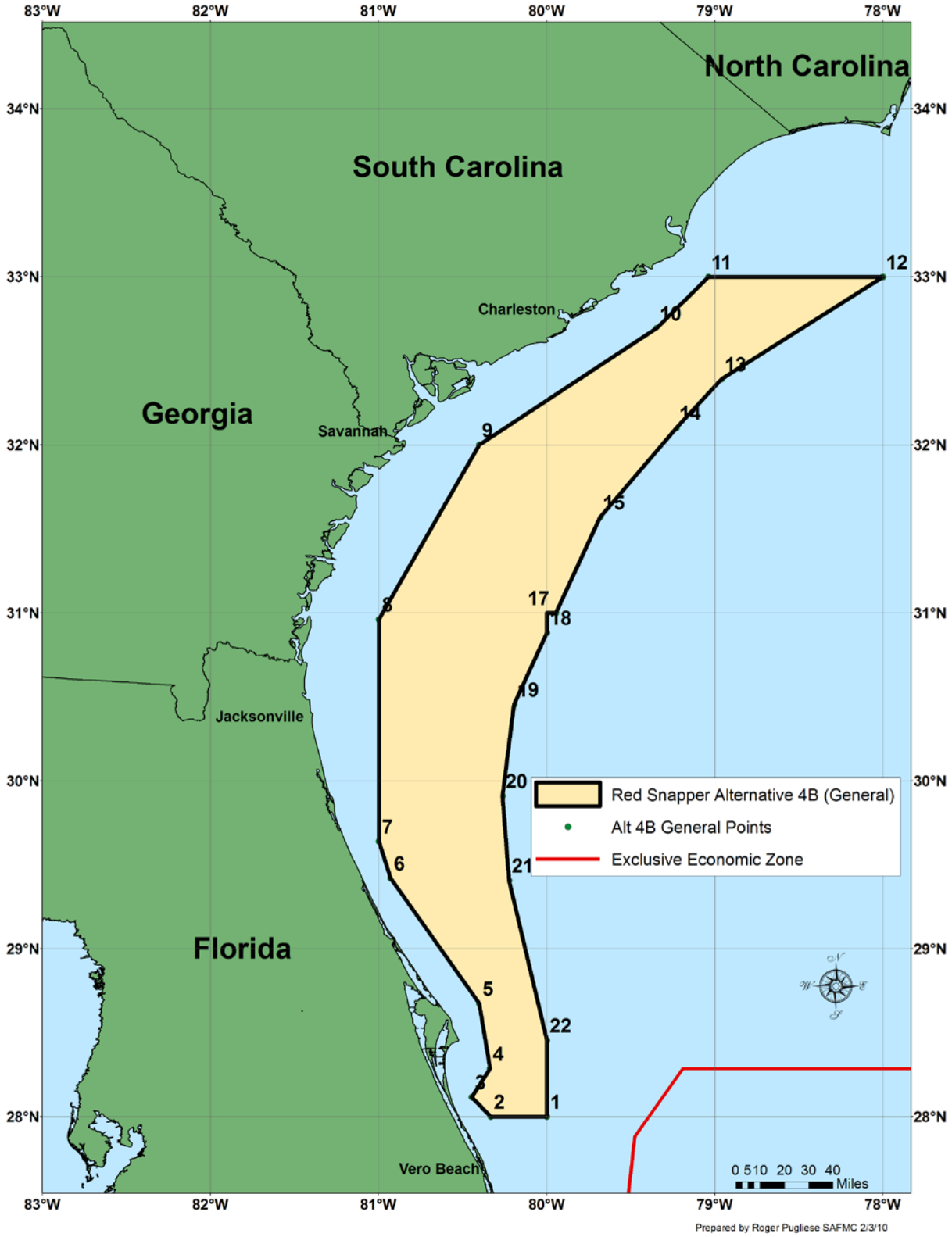

Figure 20. Red Snapper Alternative 4B (66ft-240ft/Generalized) with Point Coordinates.

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"

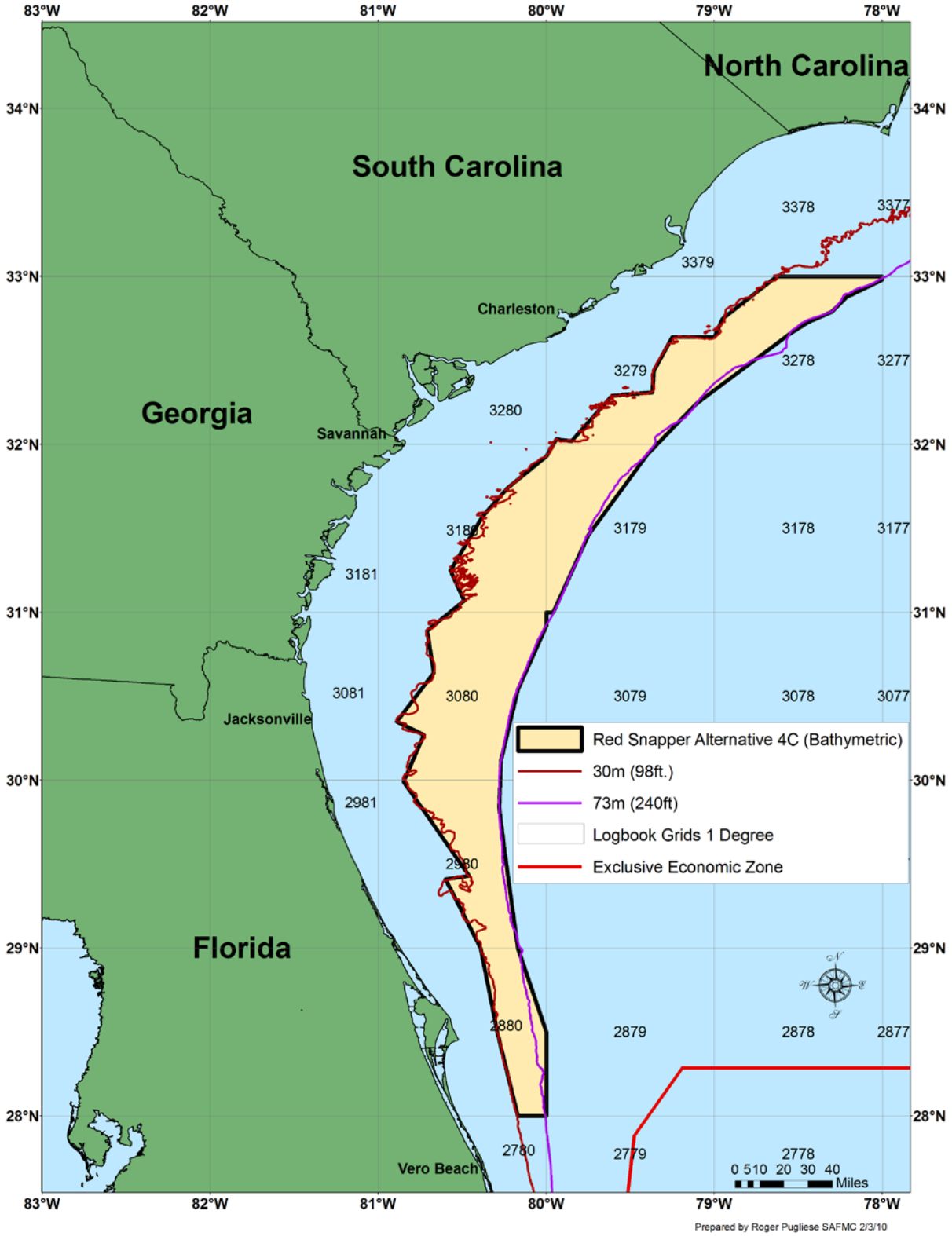

Figure 21. Red Snapper Alternative 4C (98ft-240ft/Bathymetric).

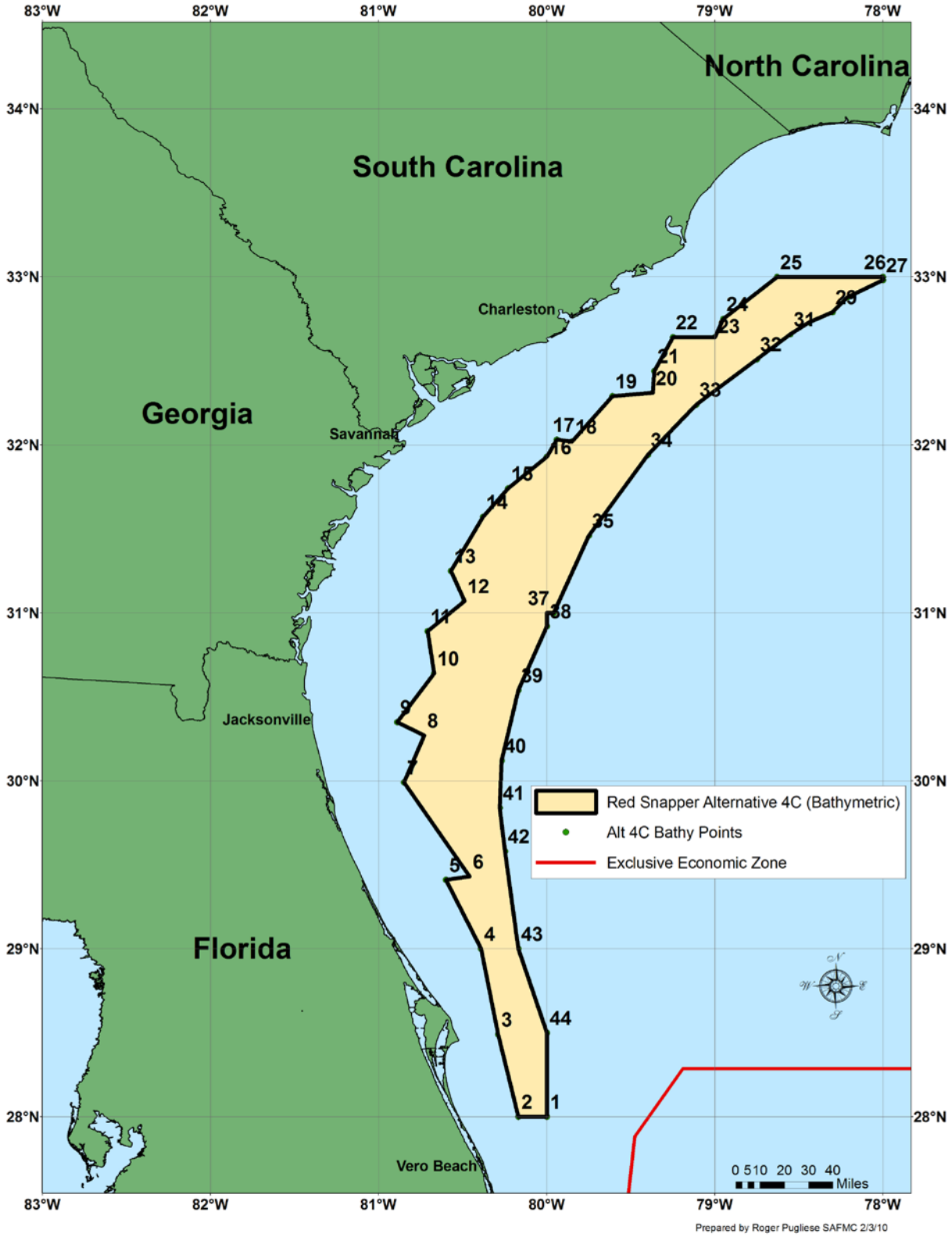

Figure 22. Red Snapper Alternative 4C (98ft-240ft/Bathymetric) with Point Coordinates.

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

ID	LAT_DMS	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° 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"

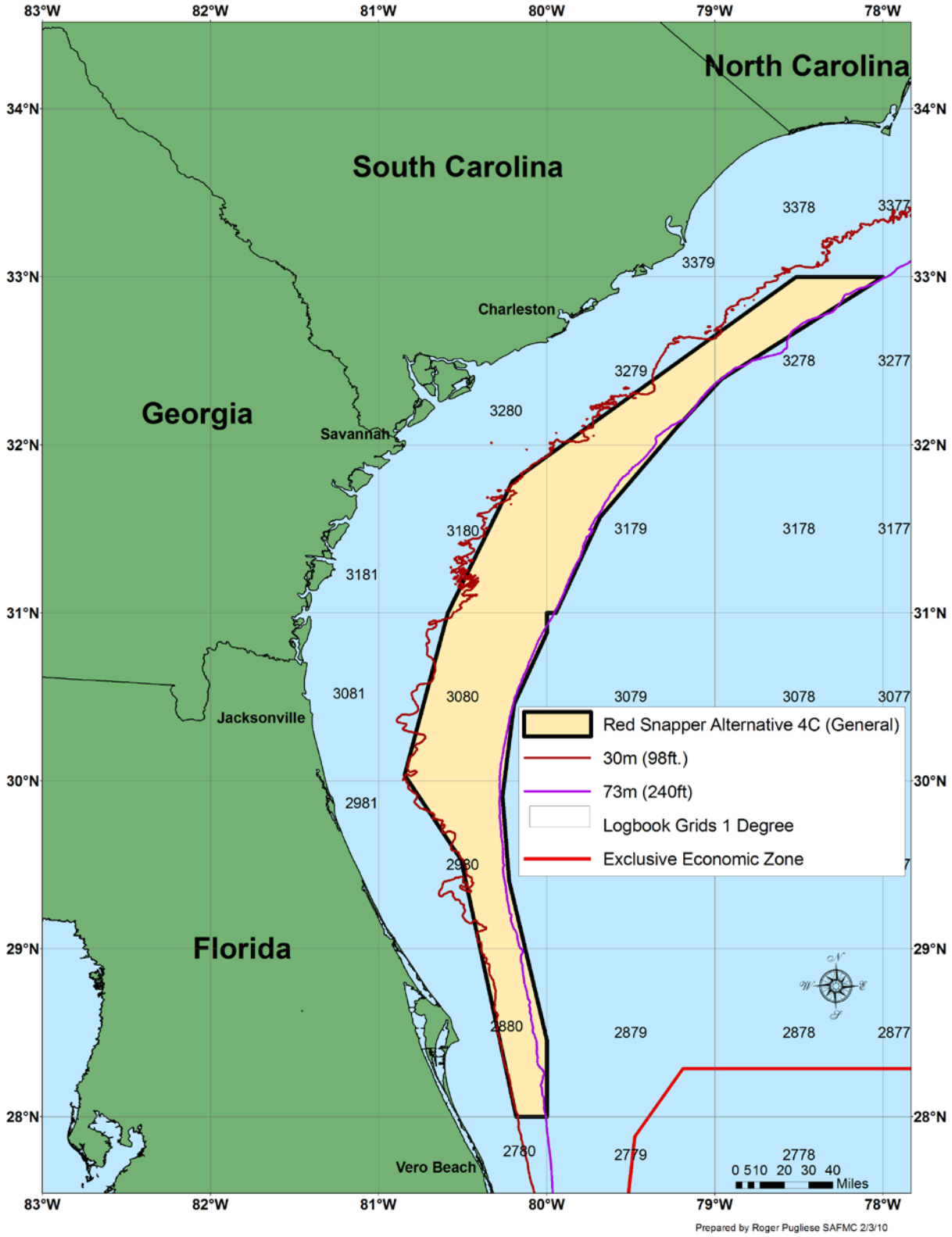

Figure 23. Red Snapper Alternative 4C (98ft-240ft/Generalized).

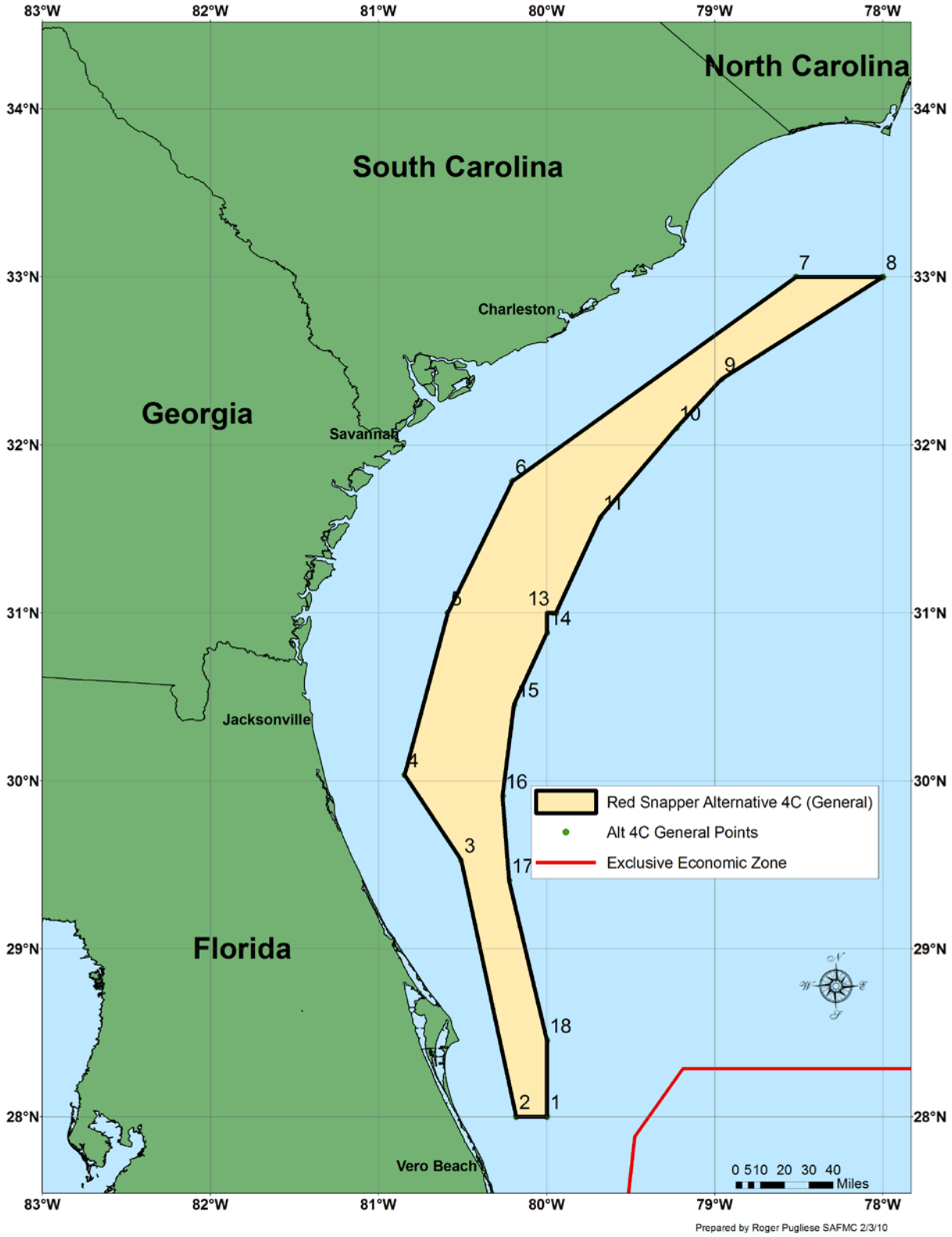

Figure 24. Red Snapper Alternative 4C (98ft-240ft/Generalized) with Point Coordinates.

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"

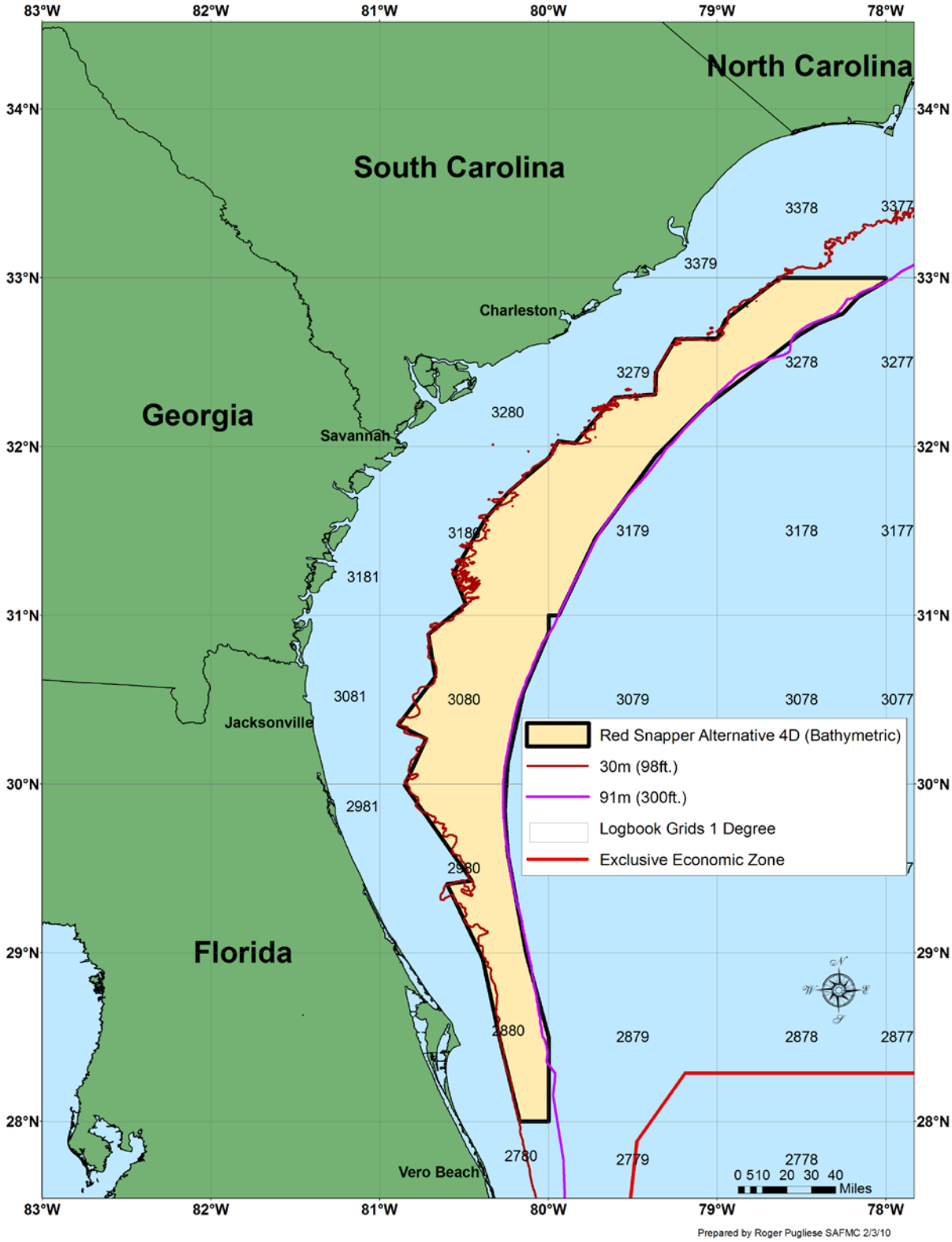

Figure 25. Red Snapper Alternative 4D (98ft-300ft/Bathymetric).

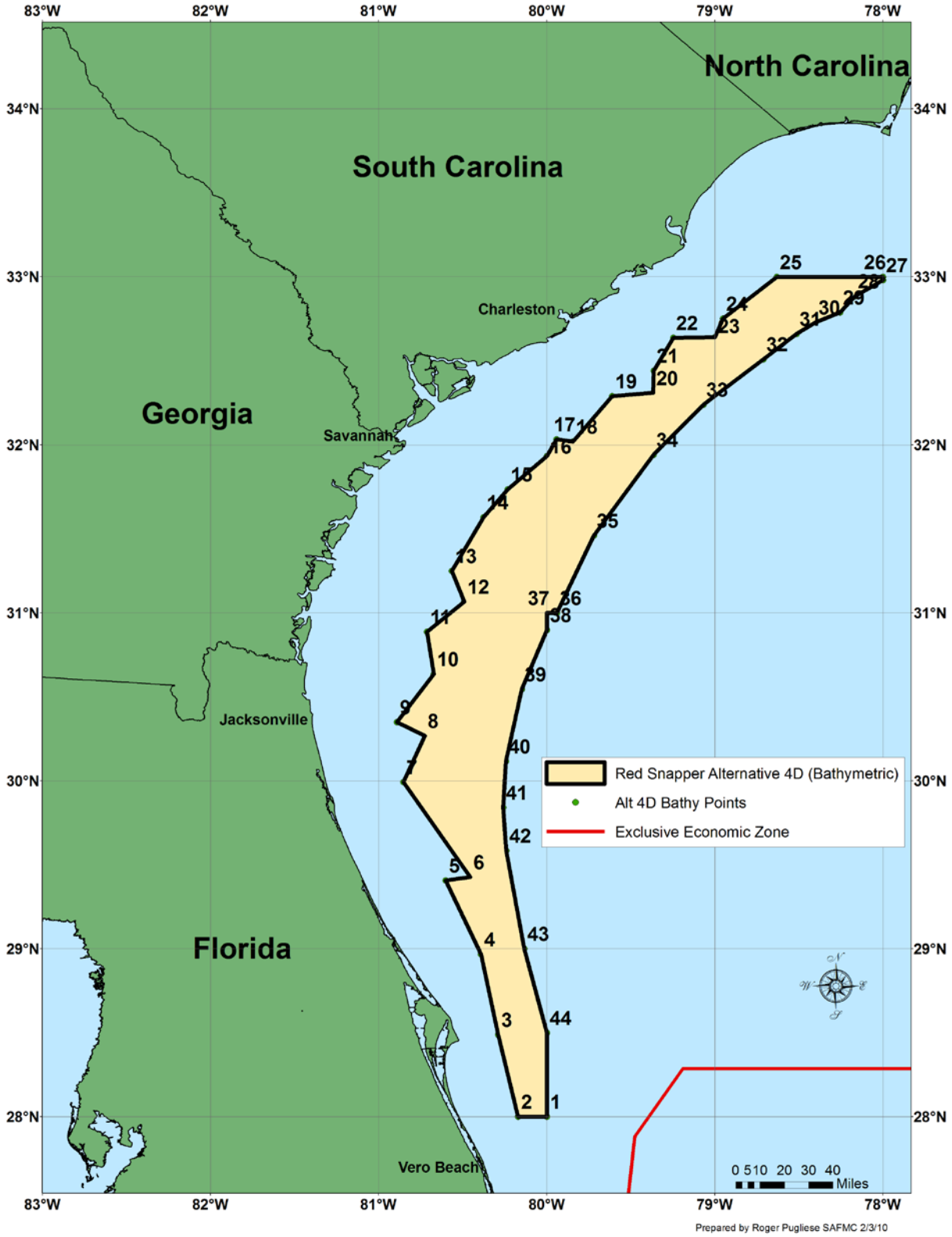

Figure 26. Red Snapper Alternative 4D (98ft-300ft/Bathymetric) with Point Coordinates.

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"

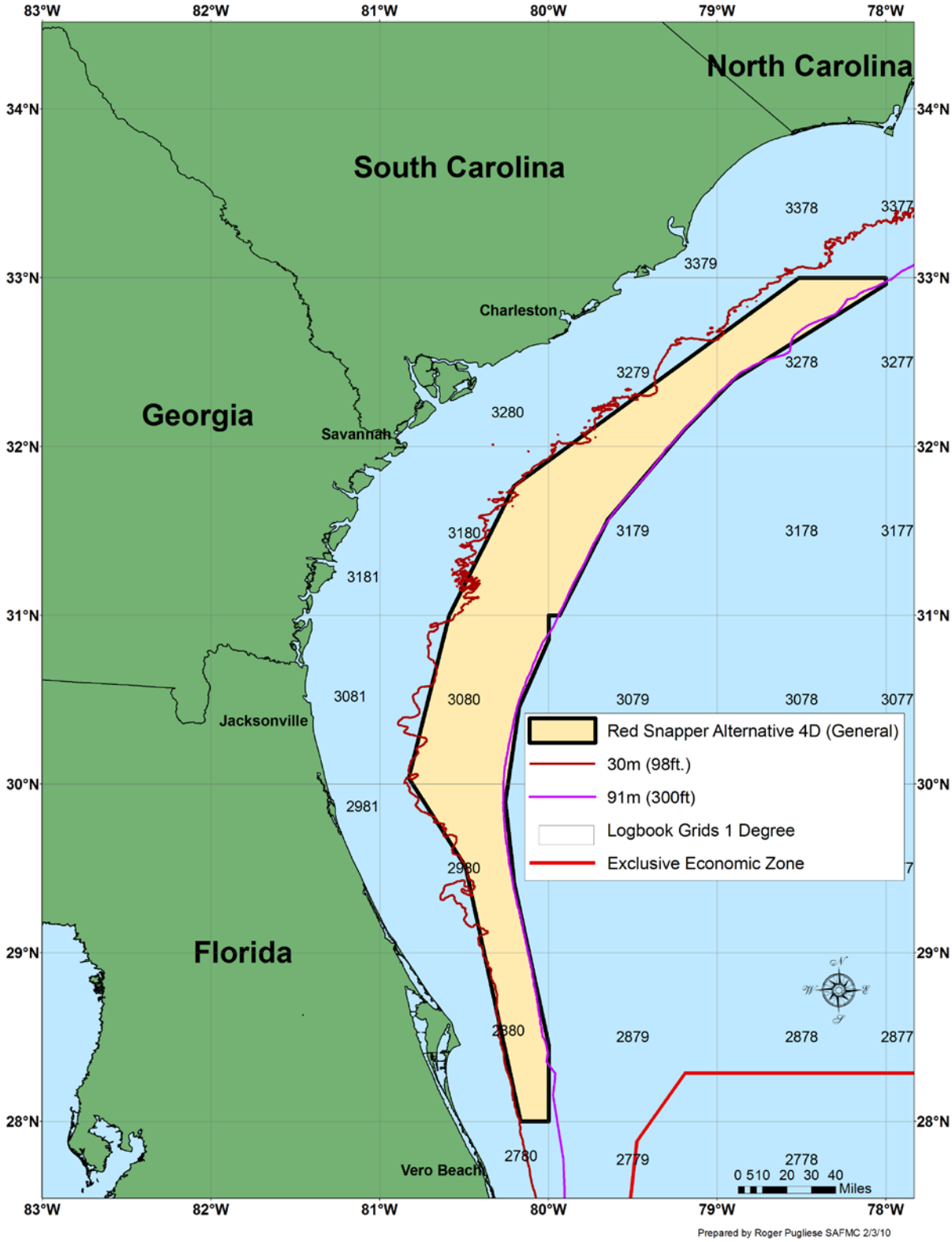

Figure 27. Red Snapper Alternative 4D (98ft-300ft/Generalized).

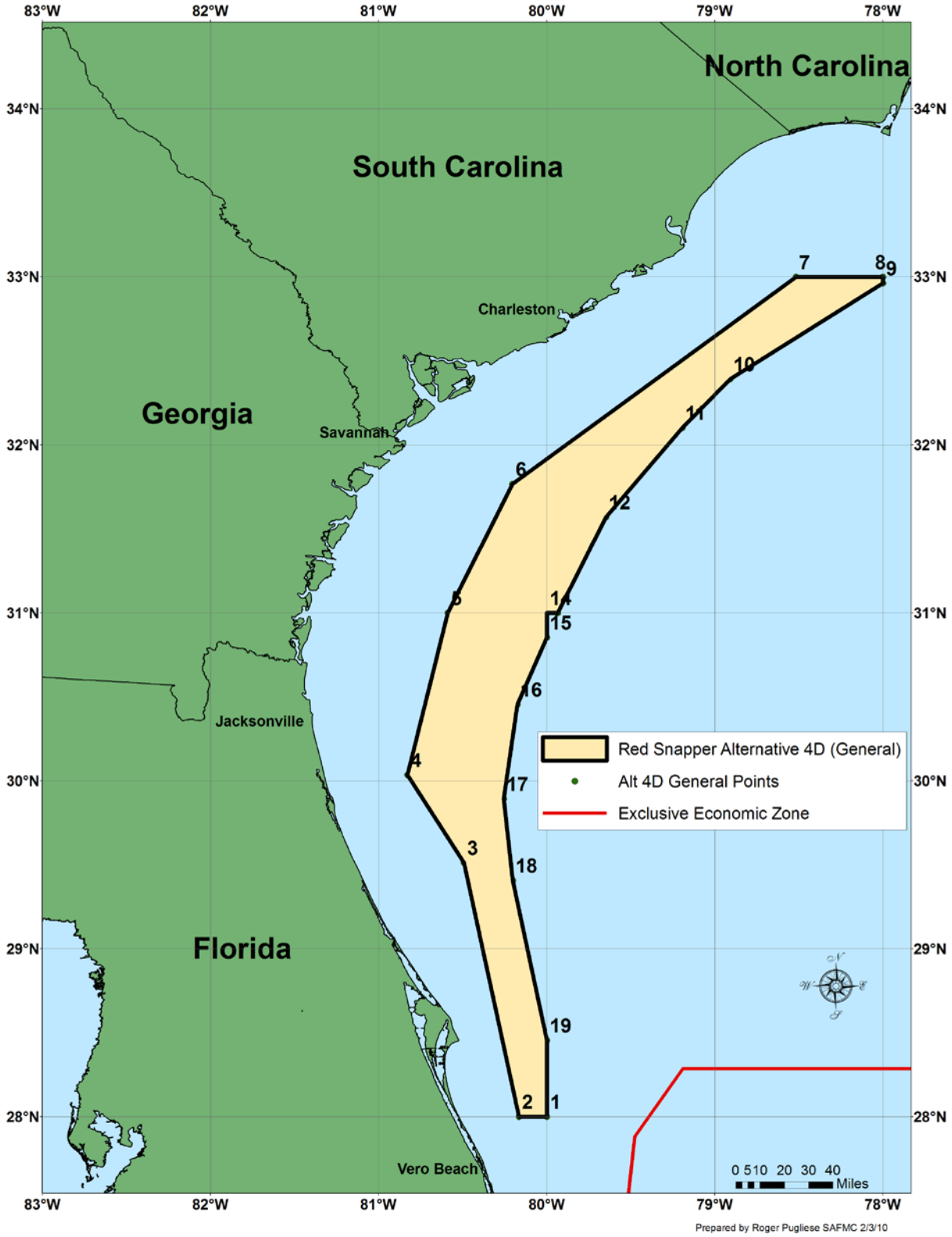

Figure 28. Red Snapper Alternative 4D (98ft-300ft/Generalized) with Point Coordinates.

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"

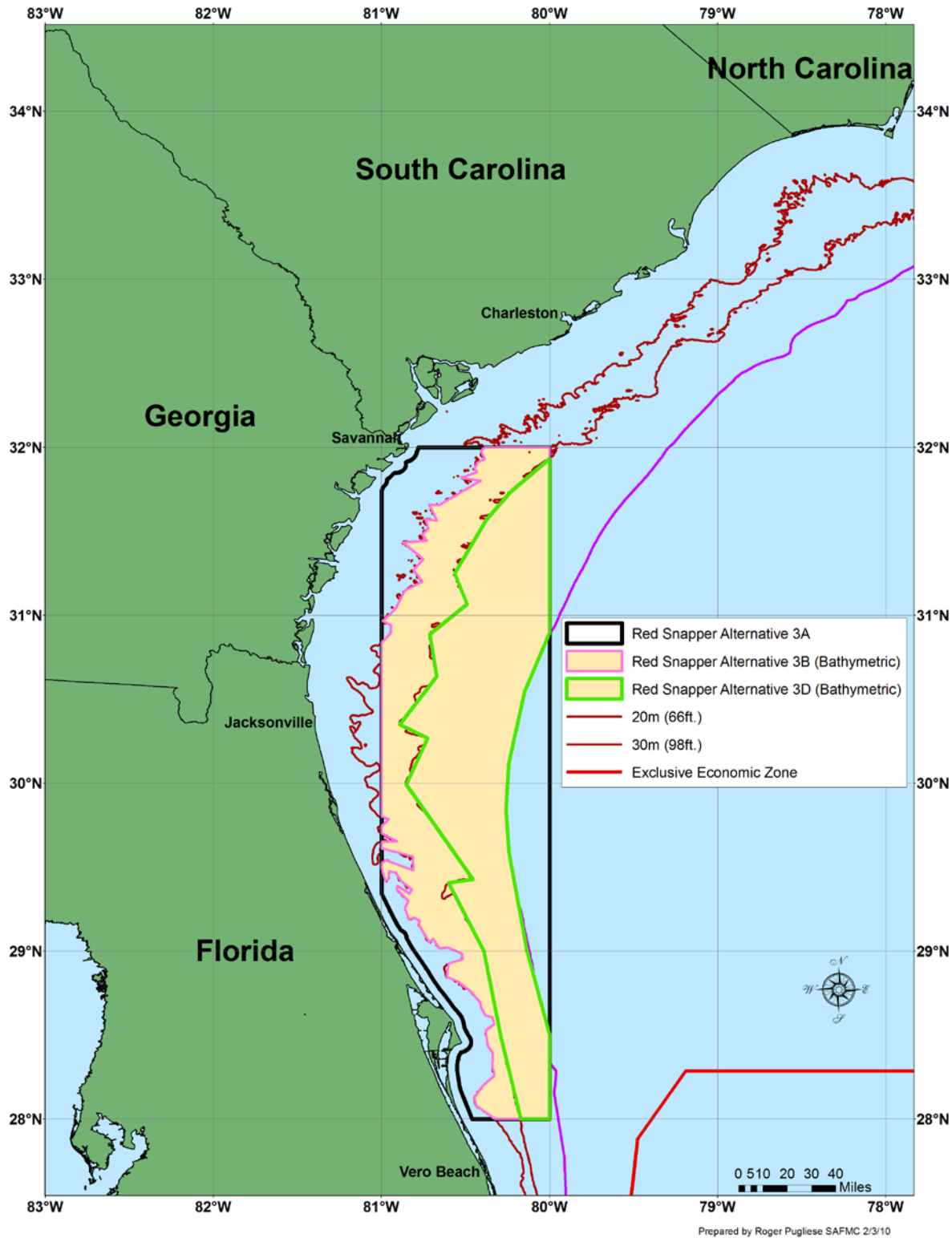

Figure 29. Red Snapper Alternatives 3A (Four Grid), 3B (66-240ft/Bathymetric) and 3D (98-300ft/Bathymetric).

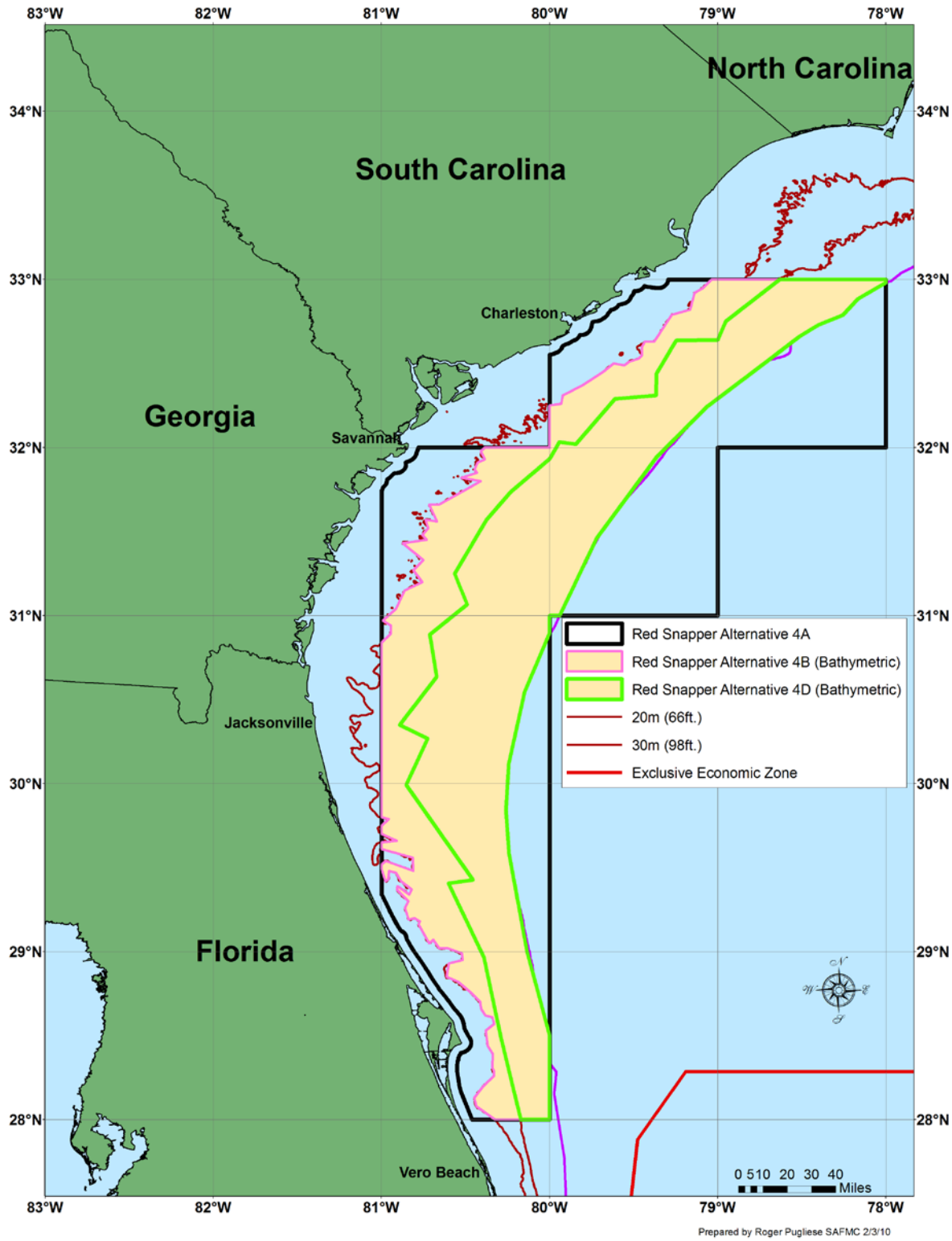

Figure 30. Red Snapper Alternatives 4A (Four Grid), 4B (66-240ft/Bathymetric) and 4D (98-300ft/Bathymetric).

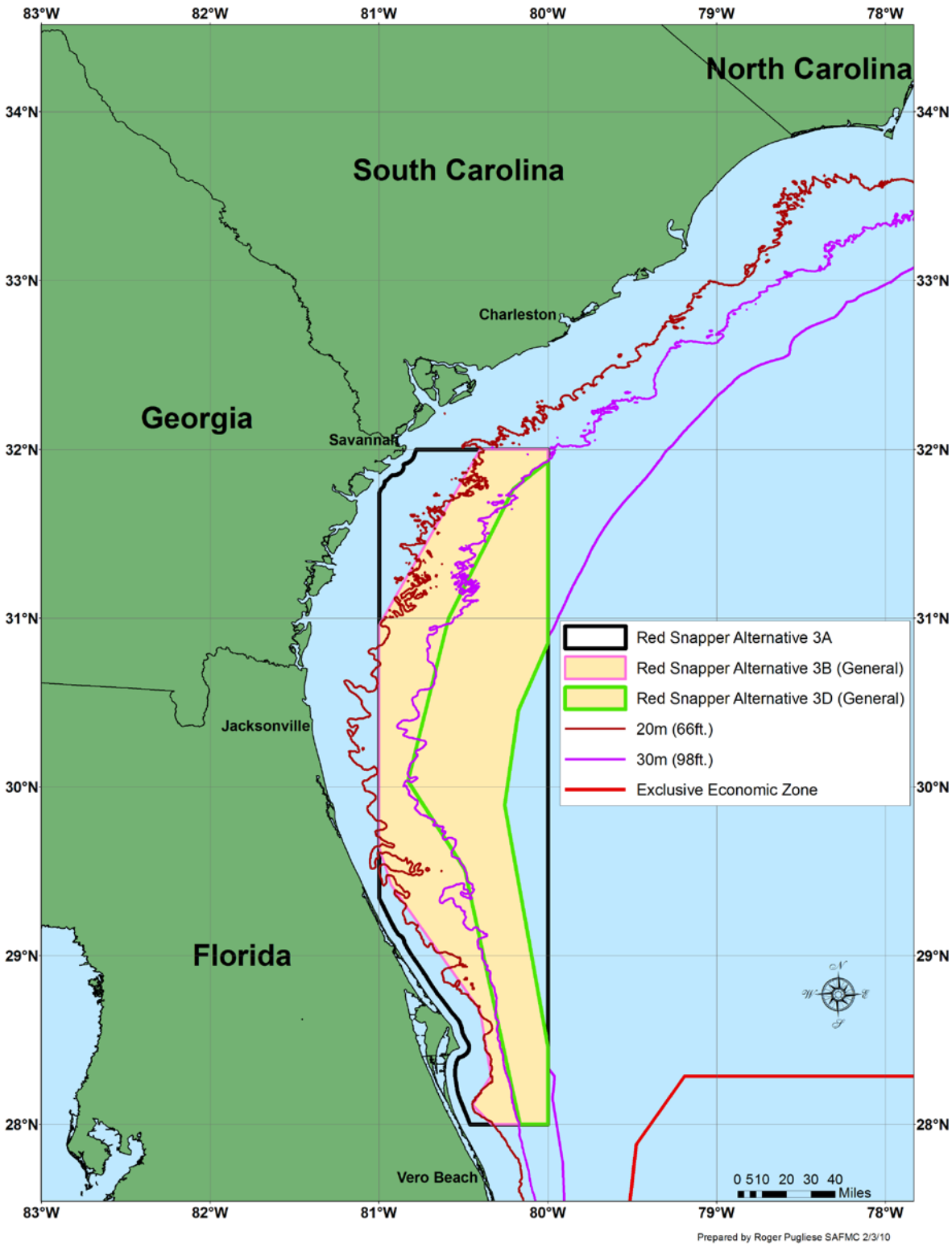

Figure 31. Red Snapper Alternatives 3A (Four Grid), 3B (66-240ft/General) and 4D (98-300ft/General).

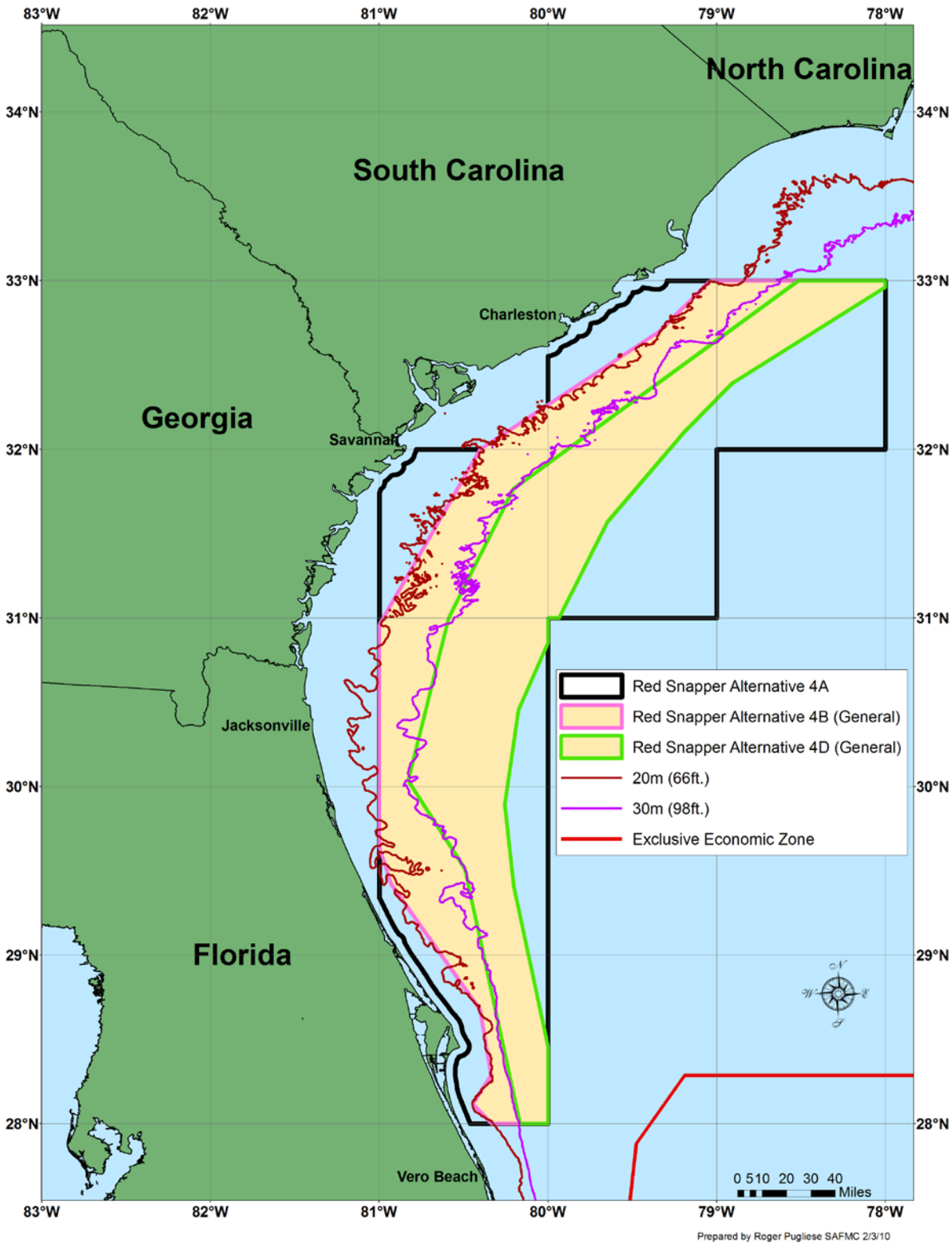

Figure 32. Red Snapper Alternatives 4A (Four Grid), 4B (66-240ft/General) and 4D (98-300ft/General).

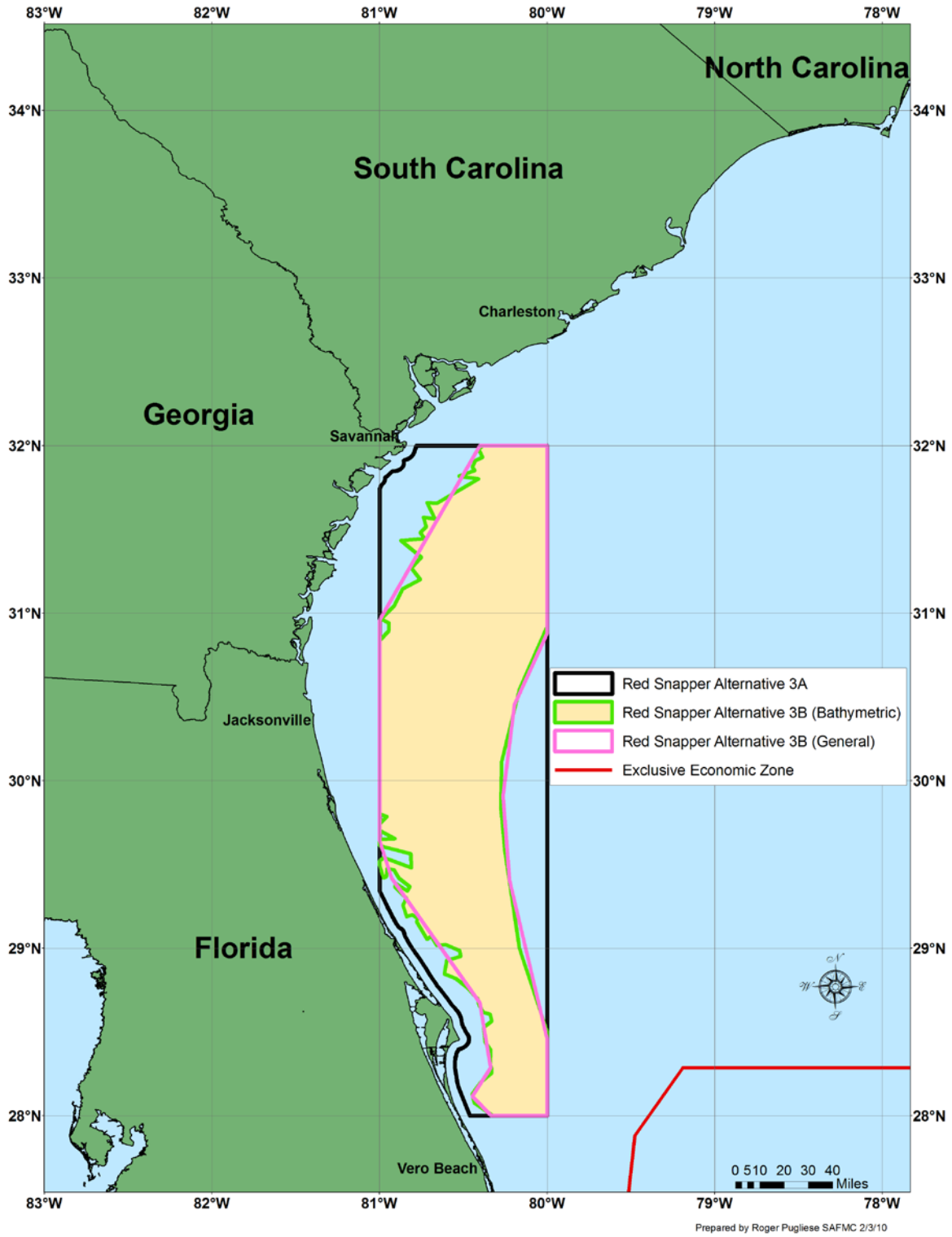

Figure 33. Comparison of Red Snapper Alternatives 3B (66-240ft/Bathymetric) and 3B (66-300ft/General).

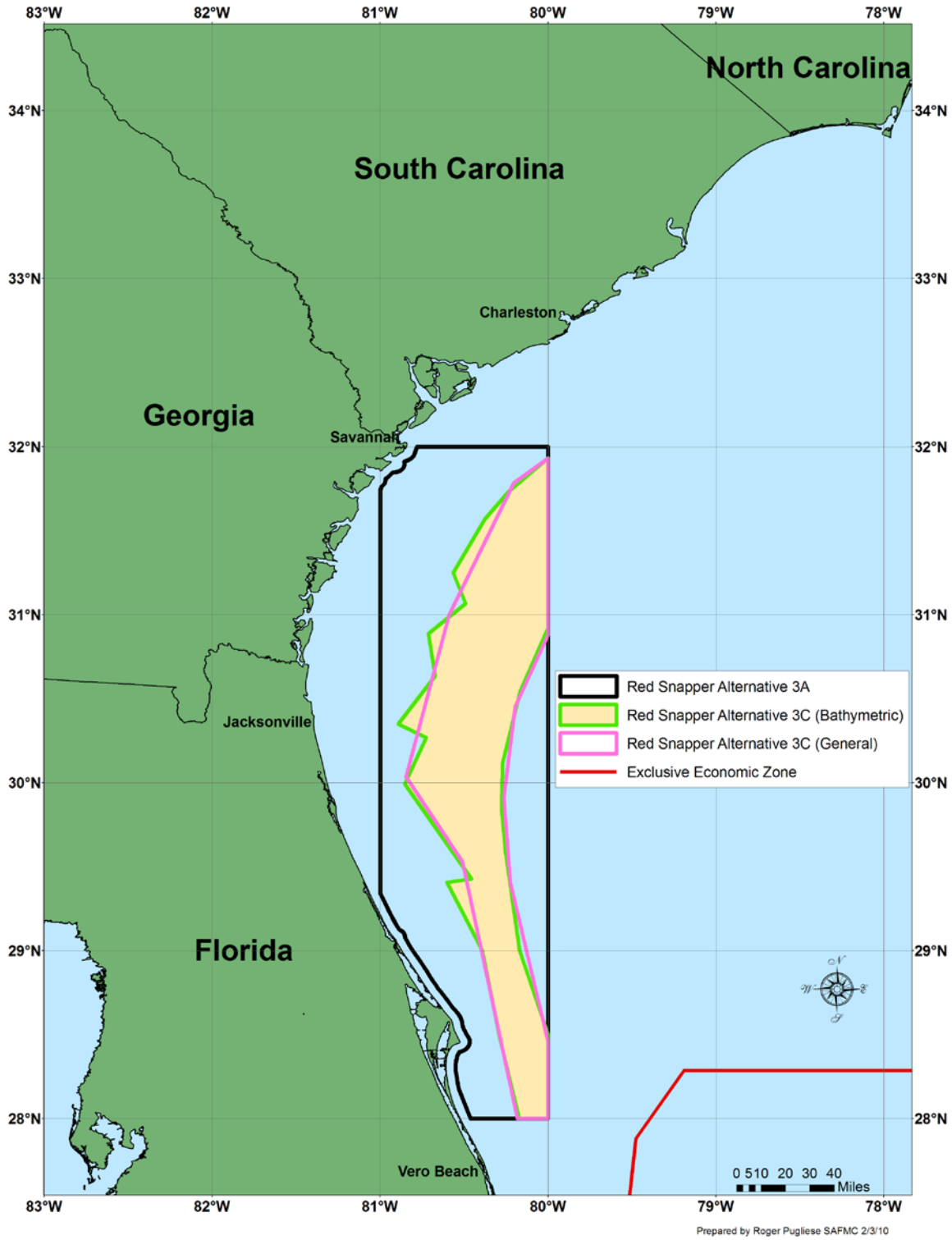

Figure 34. Comparison of Red Snapper Alternatives 3C (98-240ft/Bathymetric) and 3C (98-240ft/General).

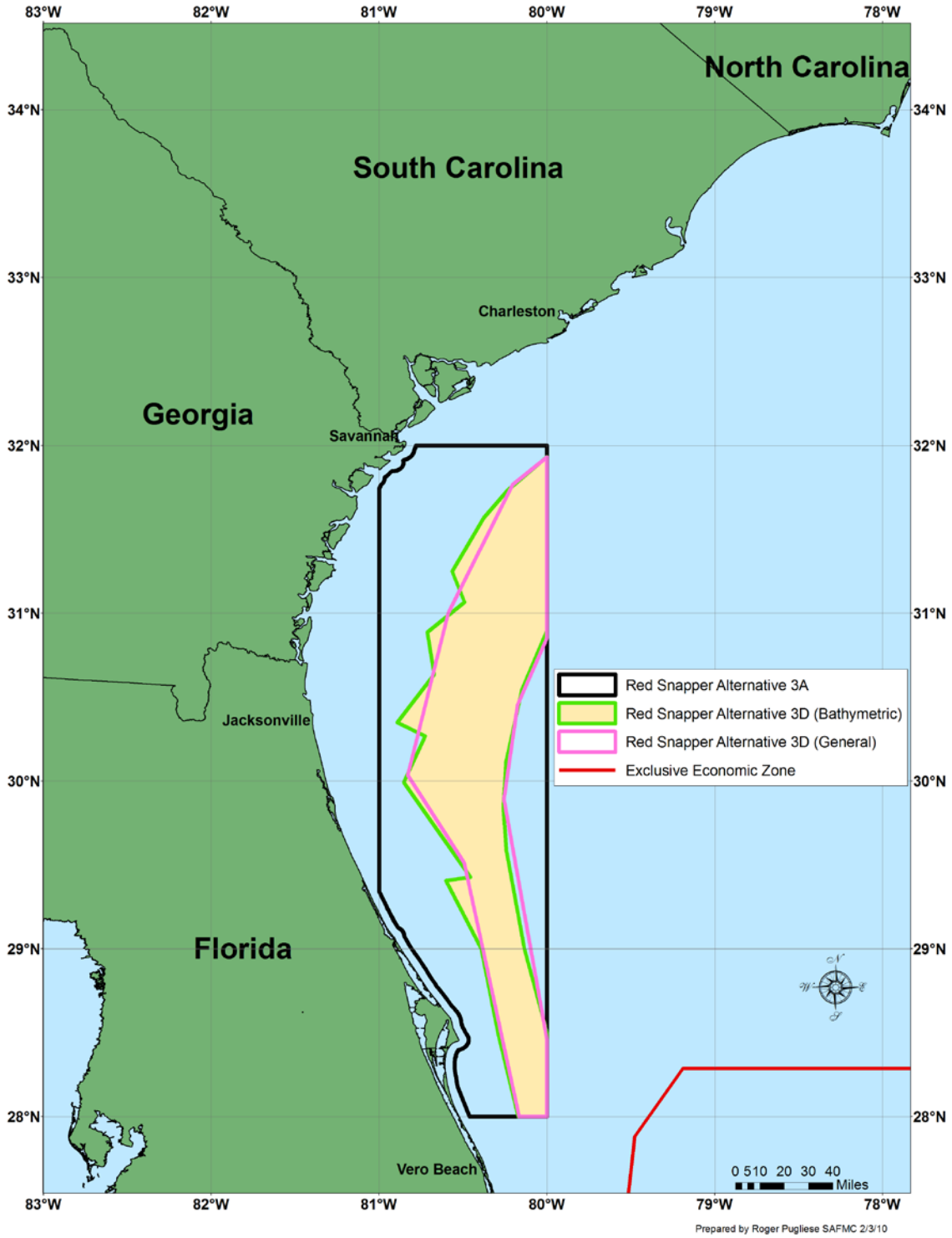

Figure 35. Comparison of Red Snapper Alternatives 3D (98-300ft/Bathymetric) and 3B (98-300ft/General).

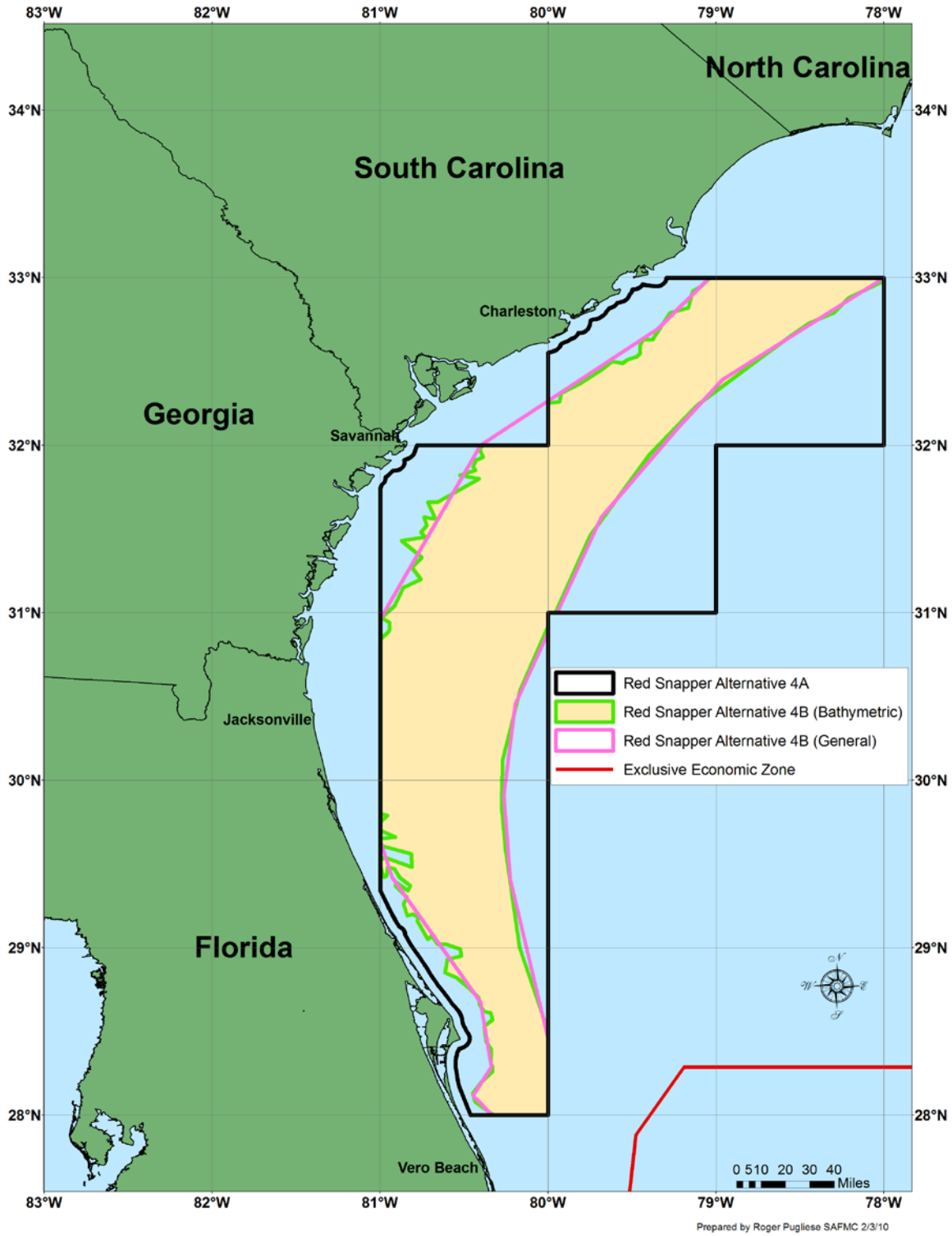

Figure 36. Comparison of Red Snapper Alternatives 4B (66-240ft/Bathymetric) and 4B (66-300ft/General).

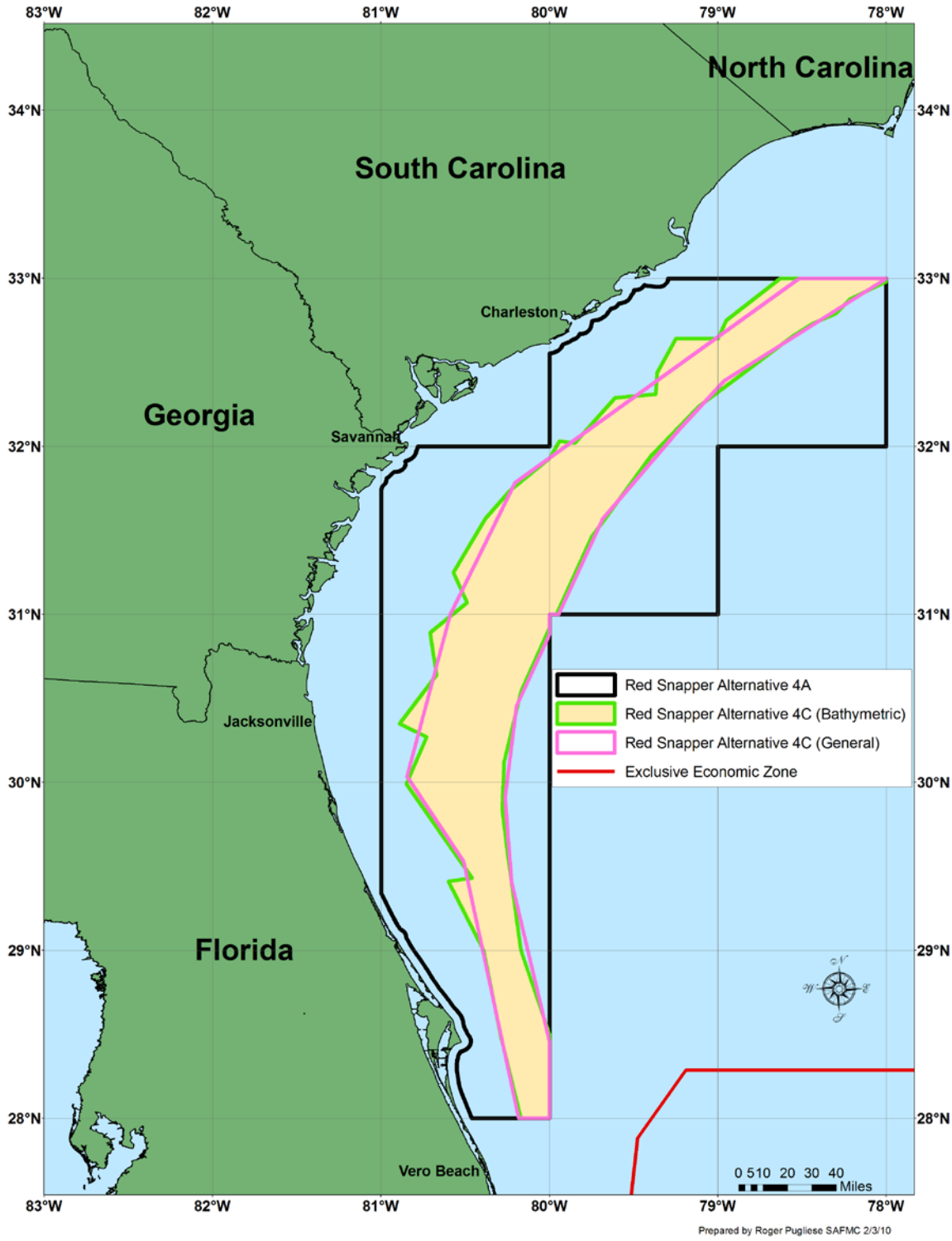

Figure 37. Comparison of Red Snapper Alternatives 4C (98-240ft/Bathymetric) and 4C (98-300ft/General).

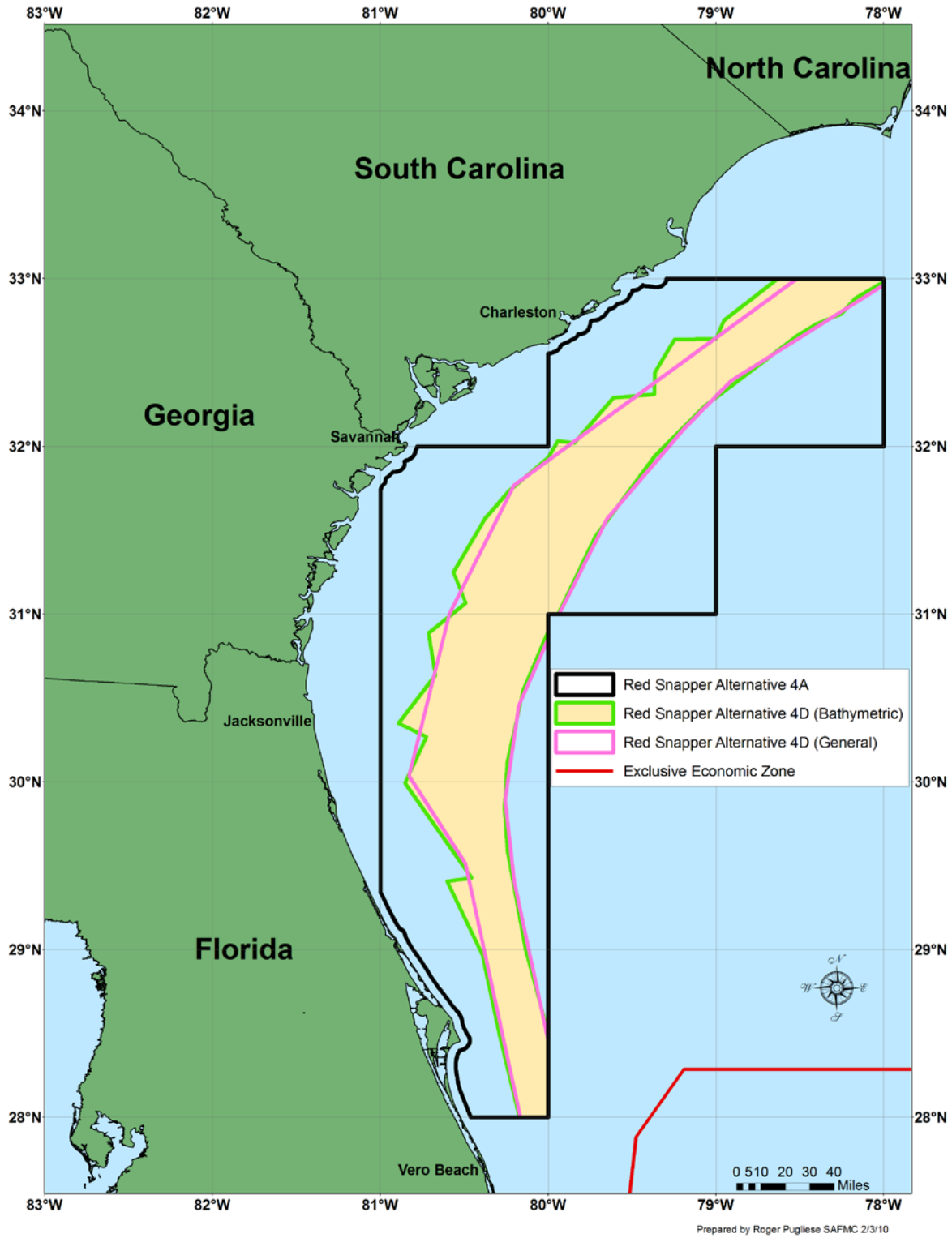

Figure 38. Comparison of Red Snapper Alternatives 4D (98-300ft/Bathymetric) and 4D (98-300ft/General).

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

Alternative	STATE	Area Offshore (Miles^2)	Area Open (Miles^2)	Area Closed (Miles^2)	% of EEZ	% of EEZ off State
3A (4Grid)	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	**175,942**	**14,496**	**8%**	
3B (Bathy)	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	**179,872**	**10,567**	**6%**	
3B (General)	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	**179,821**	**10,794**	**6%**	
3 C (Bathy)	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	**184,063**	**6,375**	**3%**	
3 C (General)	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	**184,314**	**6,161**	**3%**	
3D (Bathy)	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	**183,871**	**6,567**	**3%**	
3D (General)	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	**184,187**	**6,222**	**3%**	

Alternative	STATE	Area Offshore (Miles^2)	Area Open (Miles^2)	Area Closed (Miles^2)	% of EEZ	% of EEZ off State
4A (Seven Grid)	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	**164,438**	**26,001**	**14%**	
4B (Bathy)	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	**175,170**	**15,833**	**8%**	
4B (General)	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	**174,803**	**15,834**	**8%**	
4C (Bathy)	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	**180,615**	**9,372**	**5%**	
4C (General)	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	**181,028**	**9,372**	**5%**	
4D (Bathy)	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	**180,145**	**10,293**	**5%**	
4D (General)	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	**180,659**	**9,591**	**5%**	

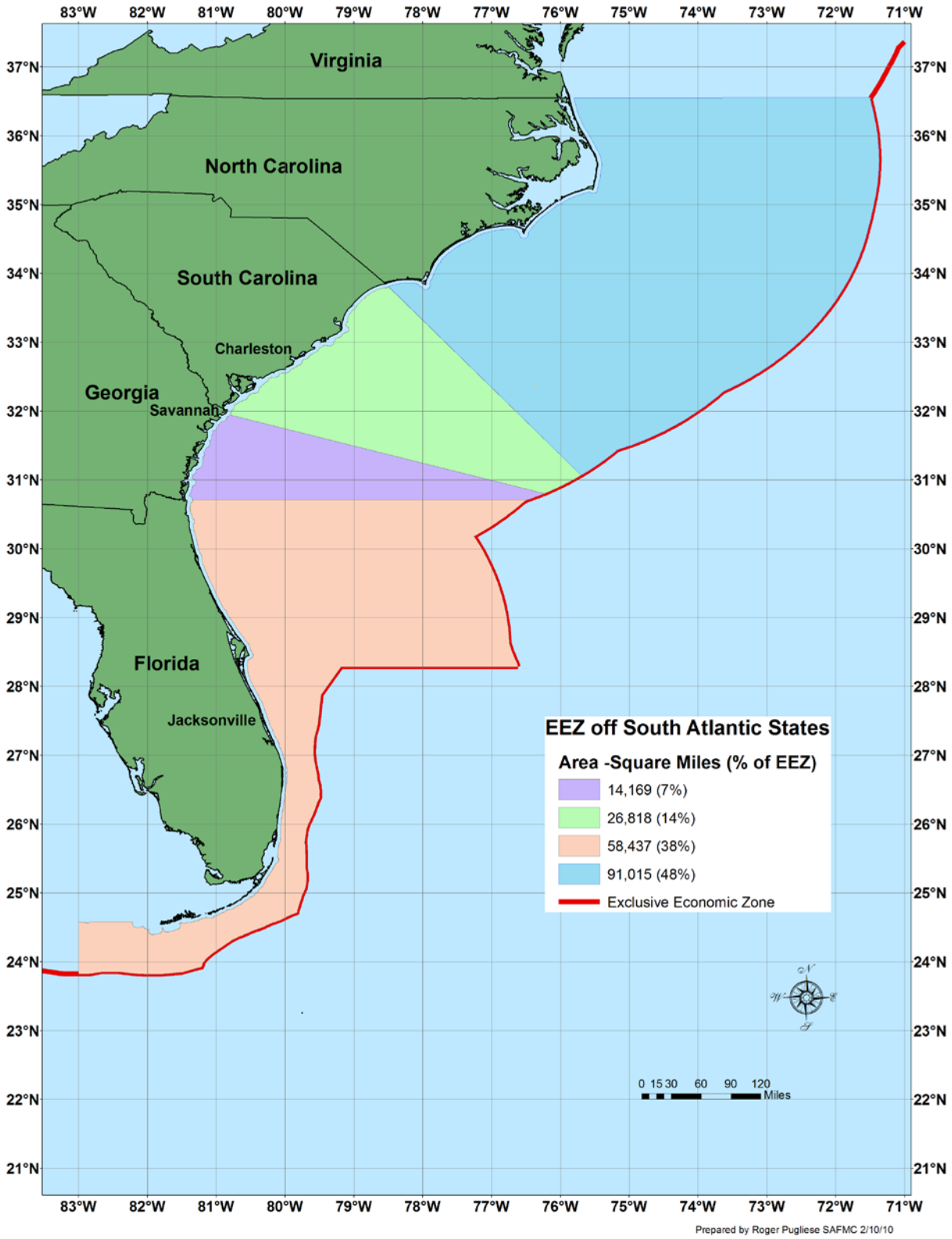

Figure 39. EEZ off South Atlantic States.

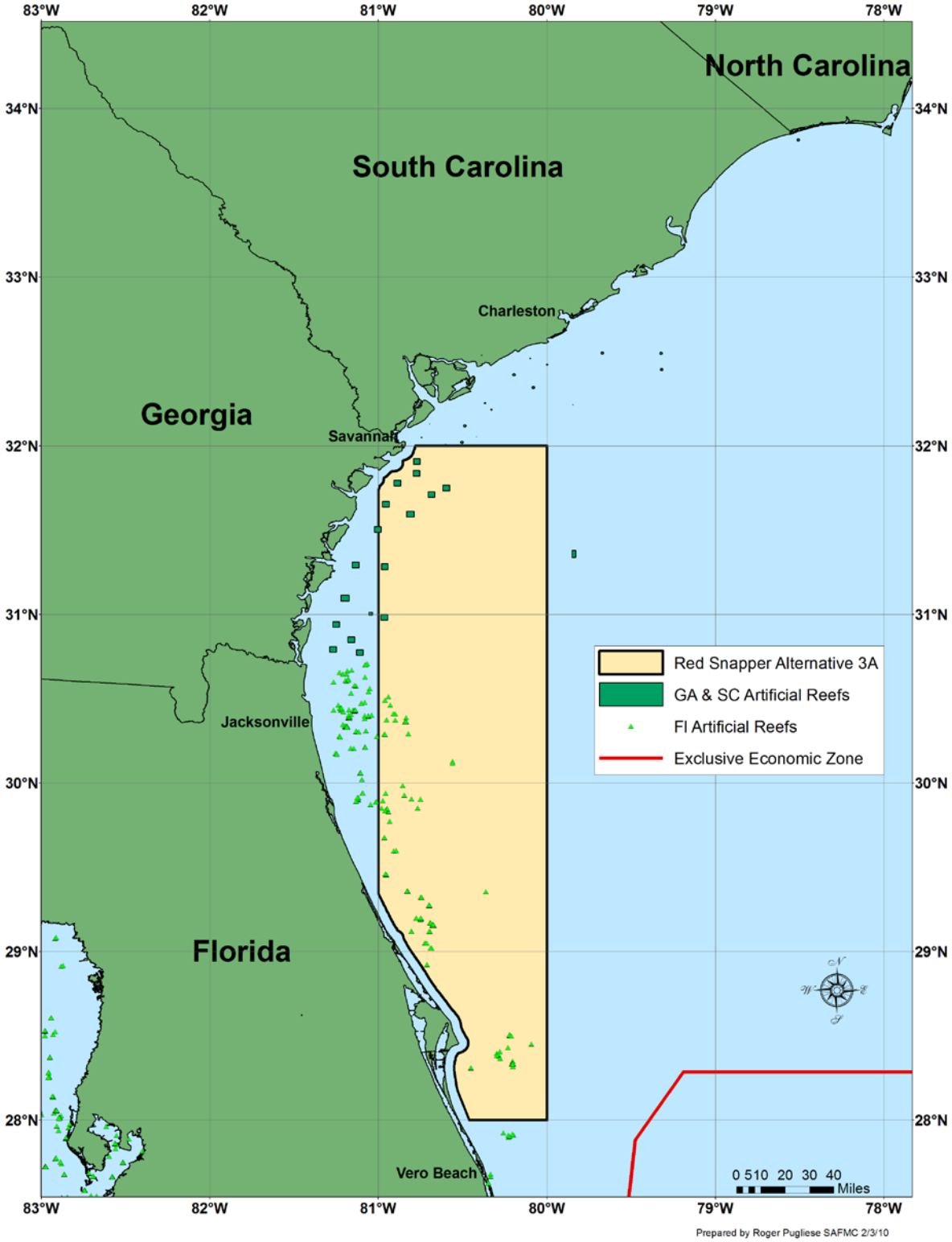

Figure 40. Red Snapper Alternative 4A (Four Grid) and Artificial Reefs.

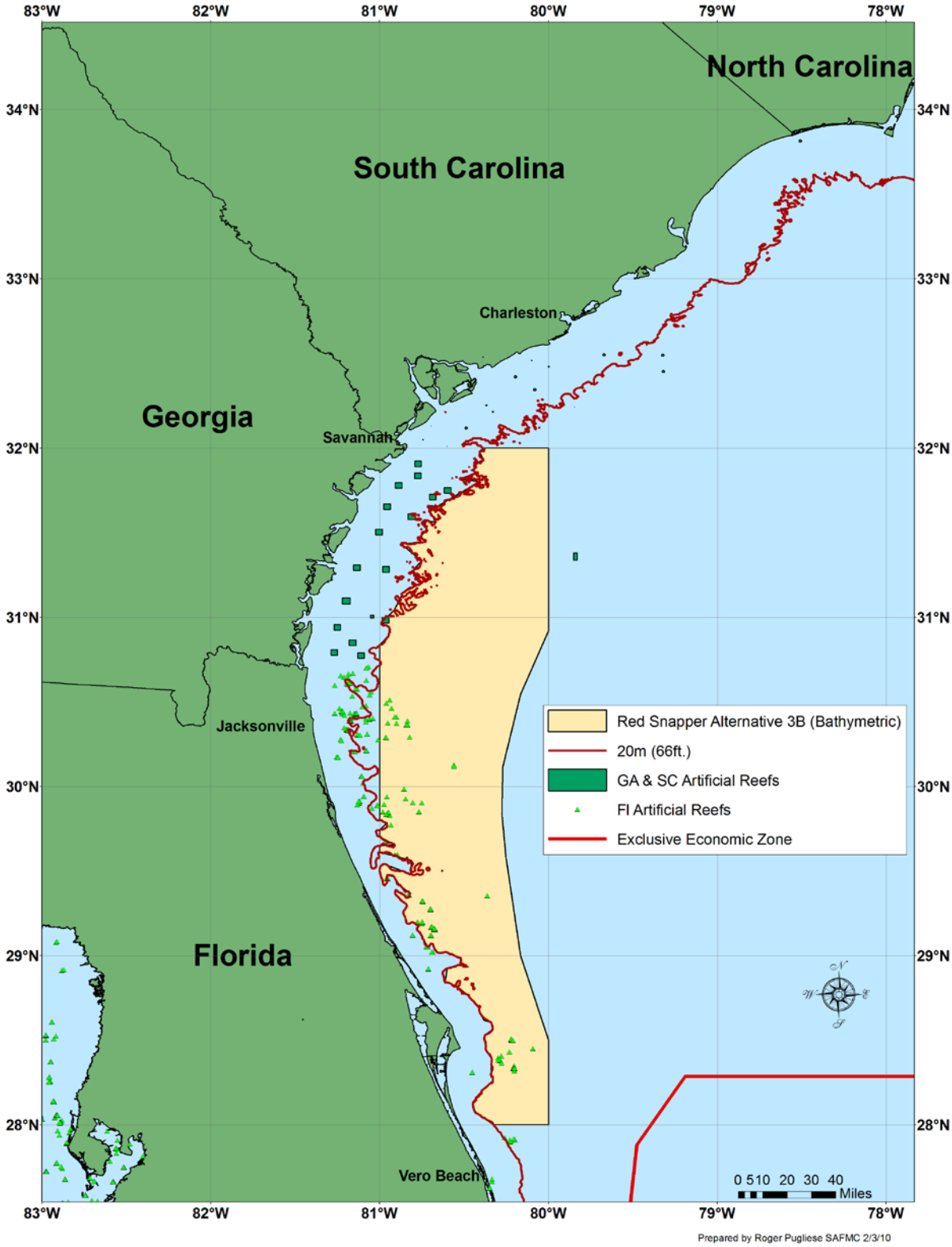

Figure 41. Red Snapper Alternative 3B (66-240ft/Bathymetric) and Artificial Reefs.

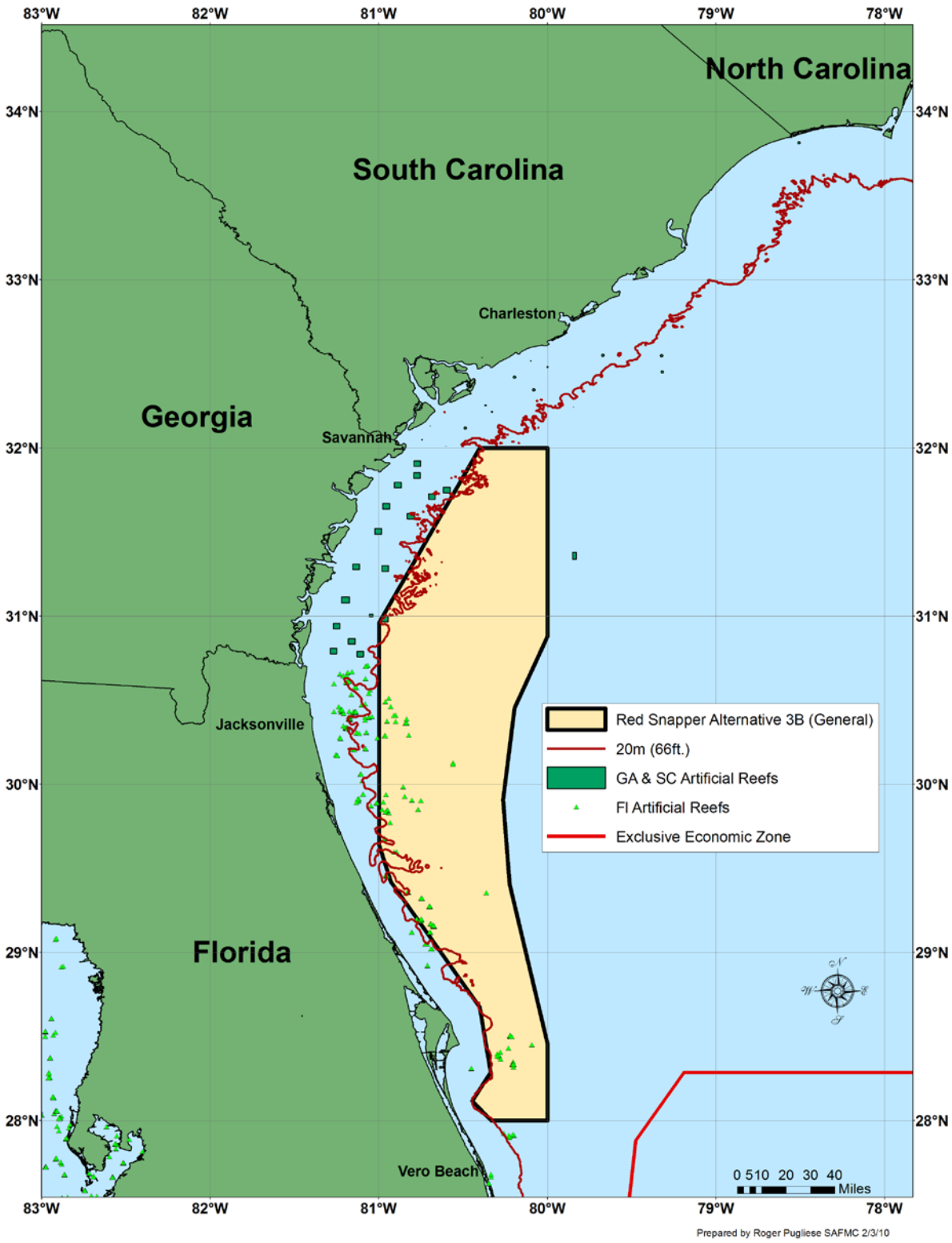

Figure 42. Red Snapper Alternative 3B (66-240ft/General) and Artificial Reefs.

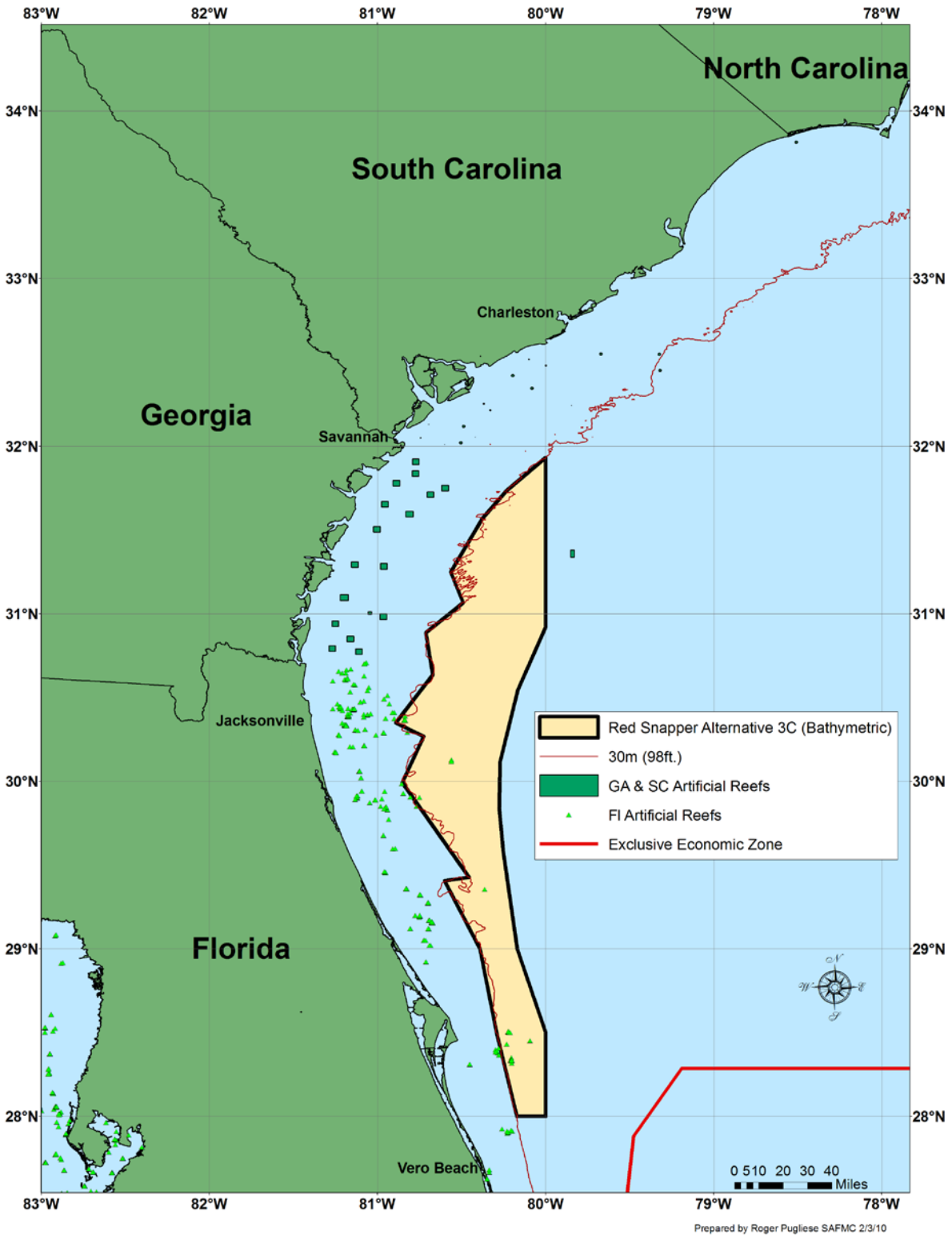

Figure 43. Red Snapper Alternative 3C (98-240ft/Bathymetric) and Artificial Reefs.

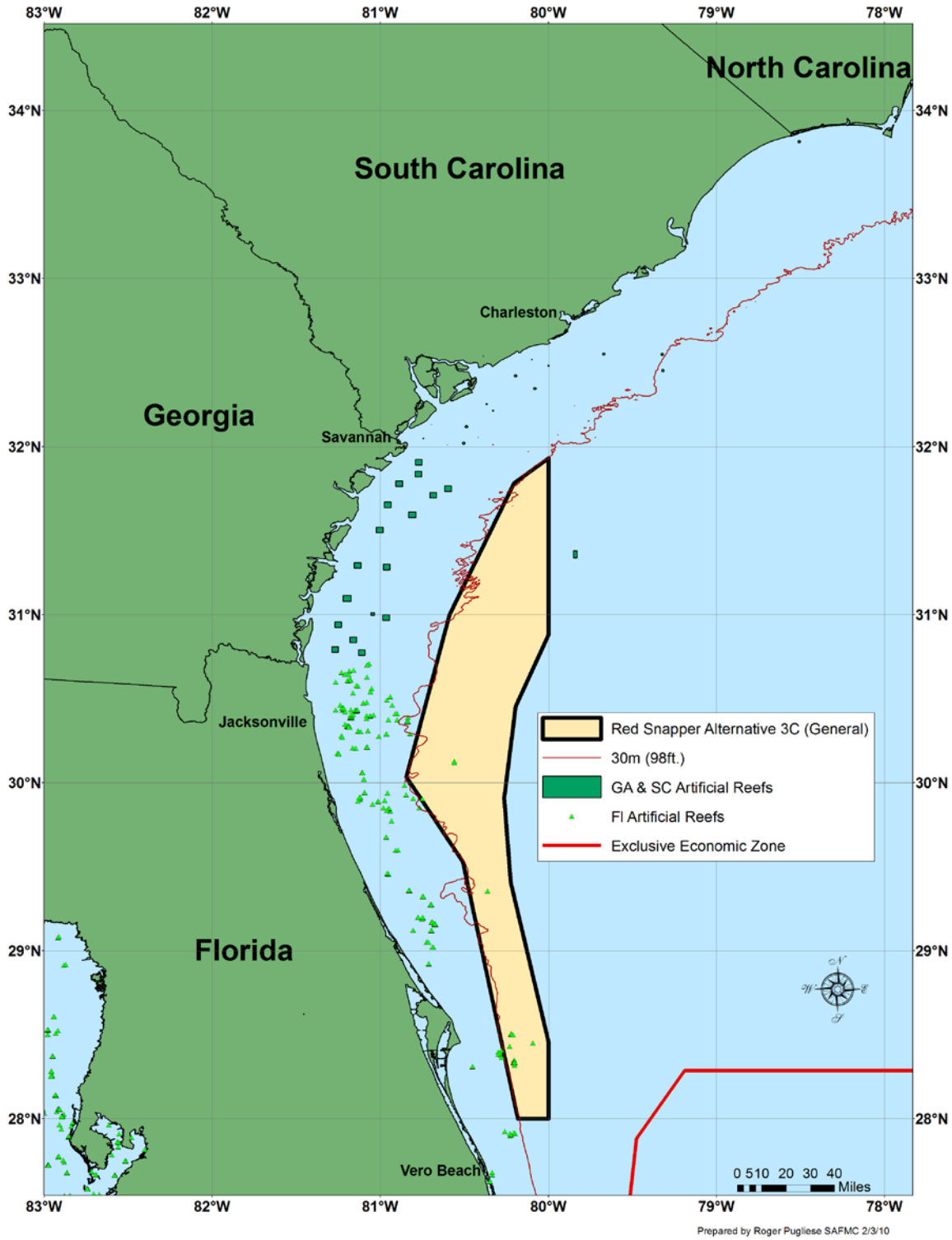

Figure 44. Red Snapper Alternative 3C (98-240ft/General) and Artificial Reefs.

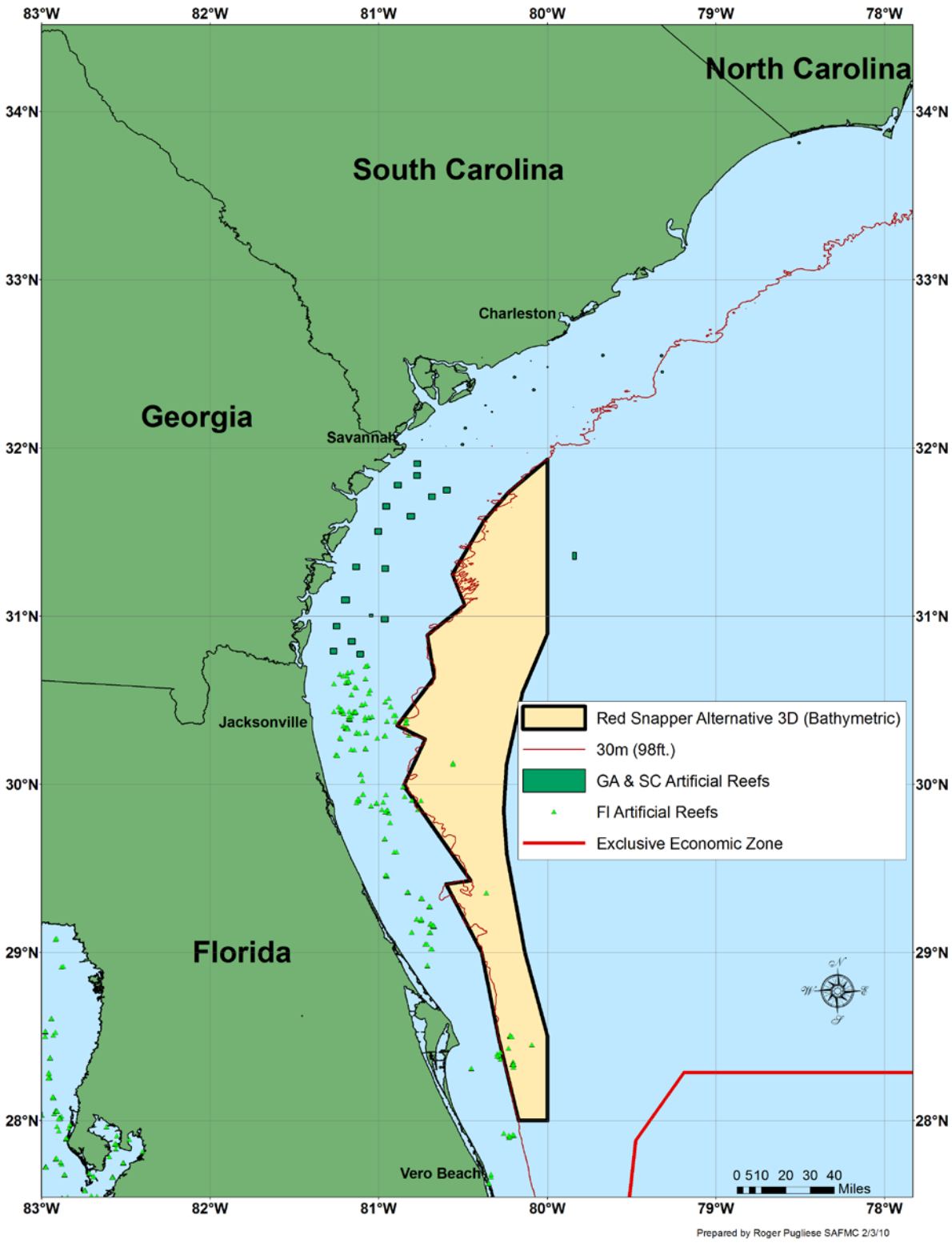

Figure 45. Red Snapper Alternative 3D (98-300ft/Bathymetric) and Artificial Reefs.

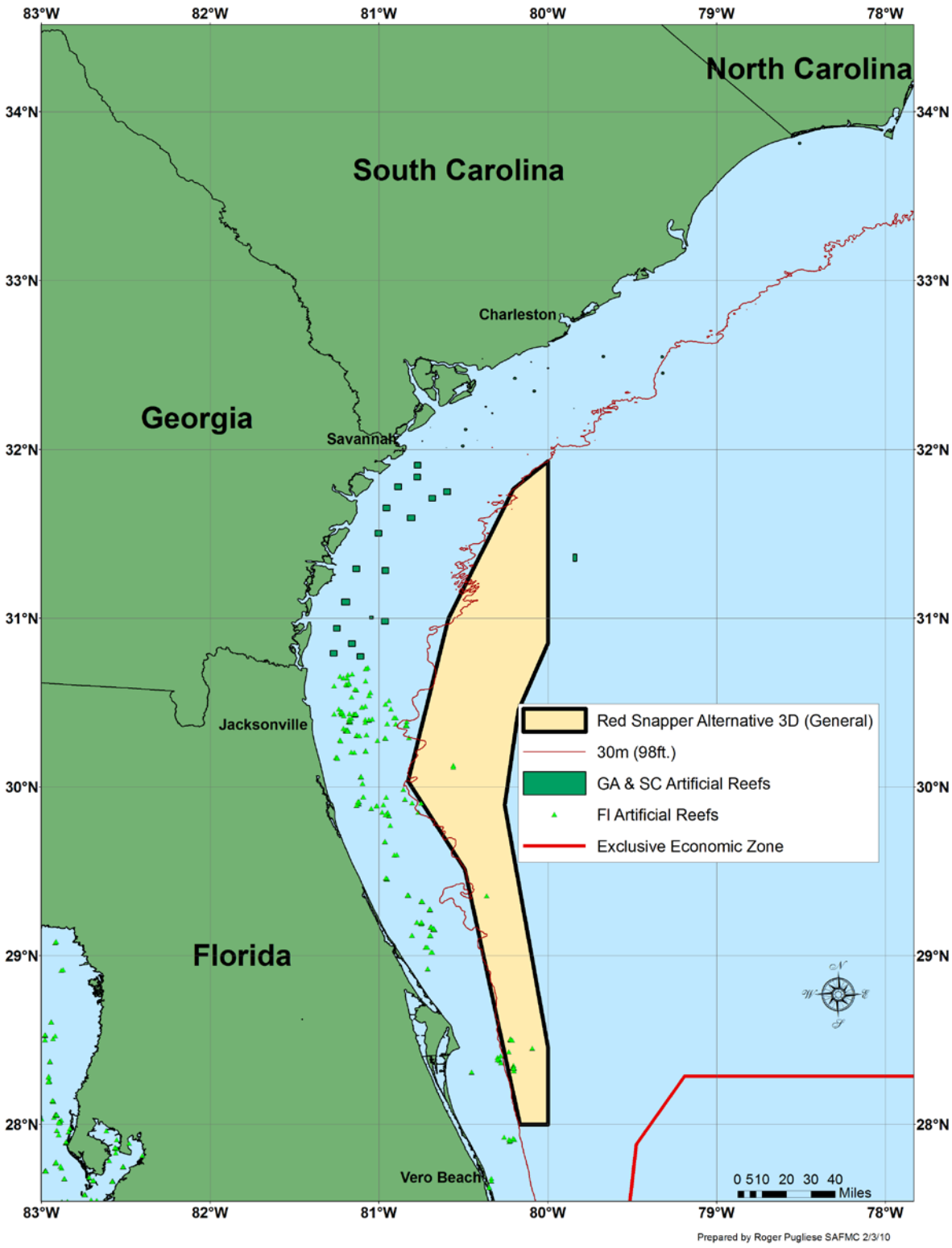

Figure 46. Red Snapper Alternative 3D (98-300ft/General) and Artificial Reefs.

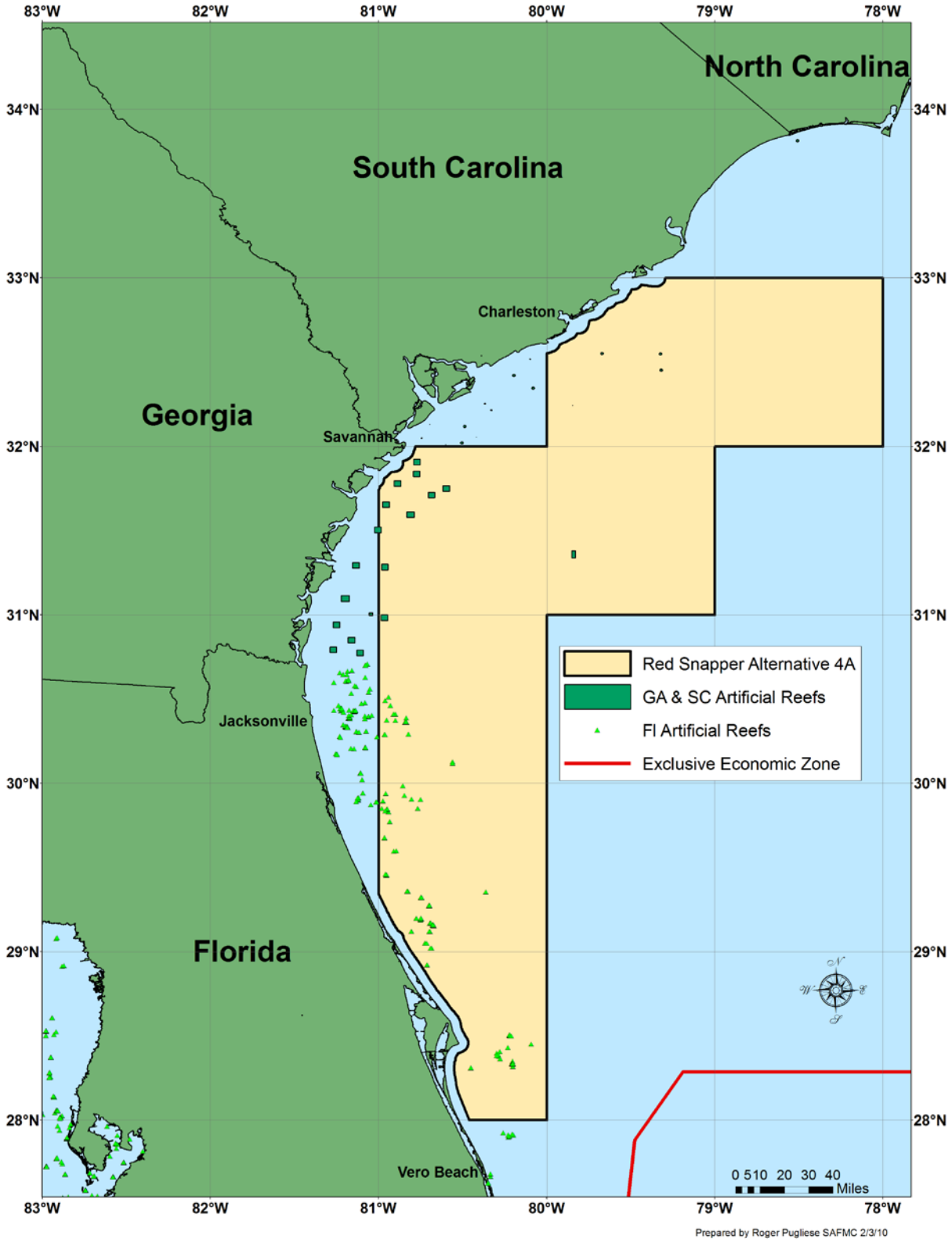

Figure 47. Red Snapper Alternative 4A (Seven Grid) and Artificial Reefs.

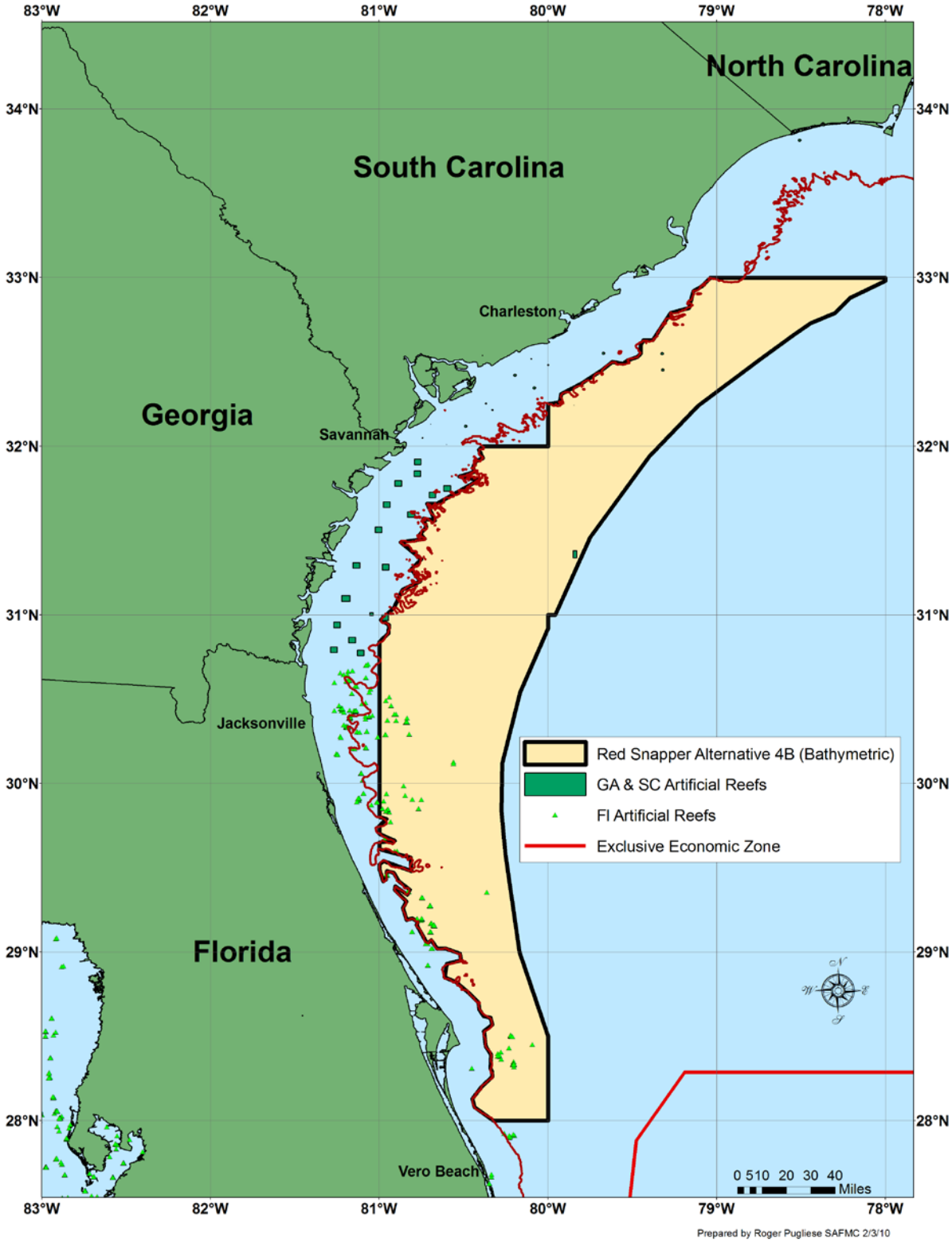

Figure 48. Red Snapper Alternative 4B (66-240ft/Bathymetric) and Artificial Reefs.

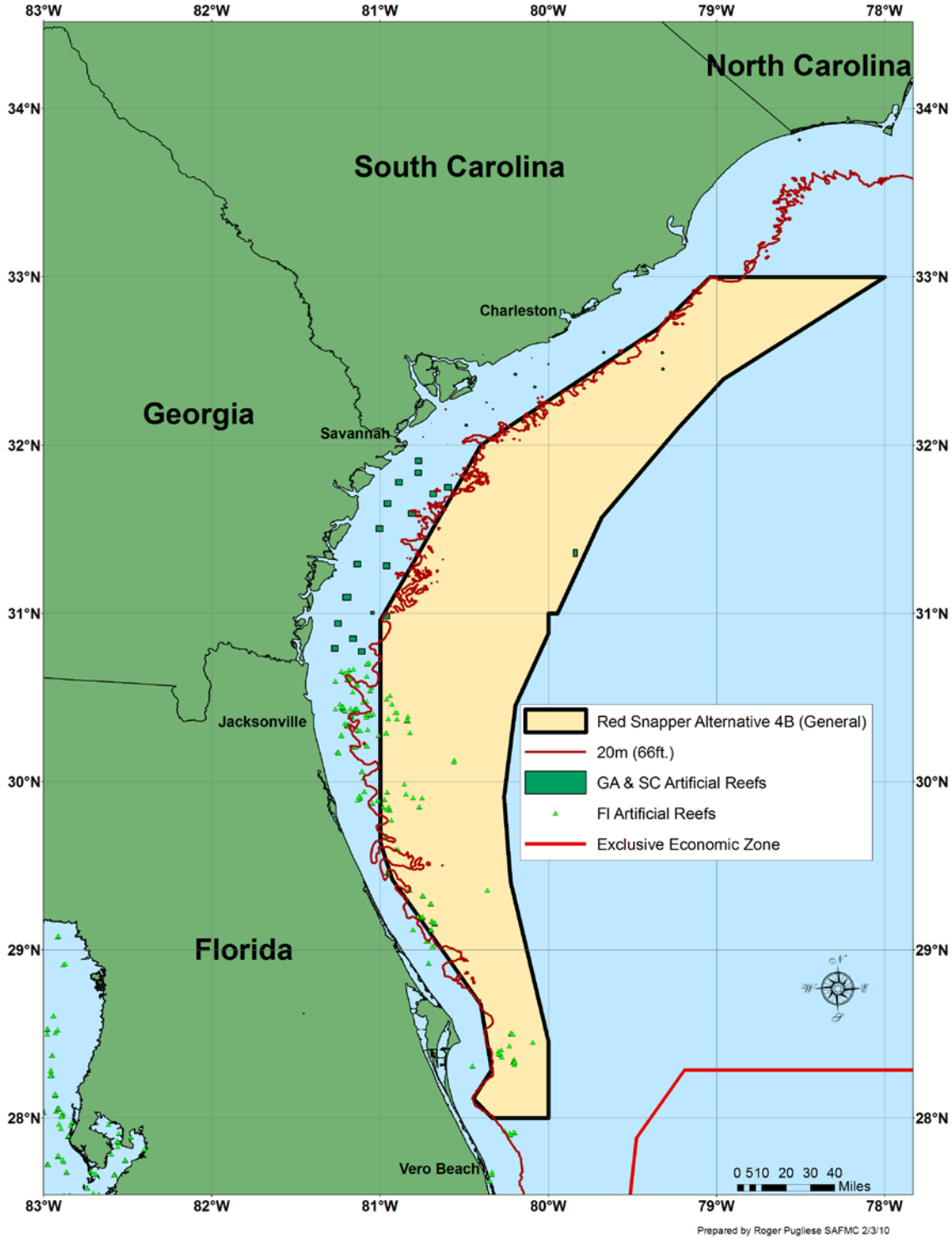

Figure 49. Red Snapper Alternative 4B (66-240ft/General) and Artificial Reefs.

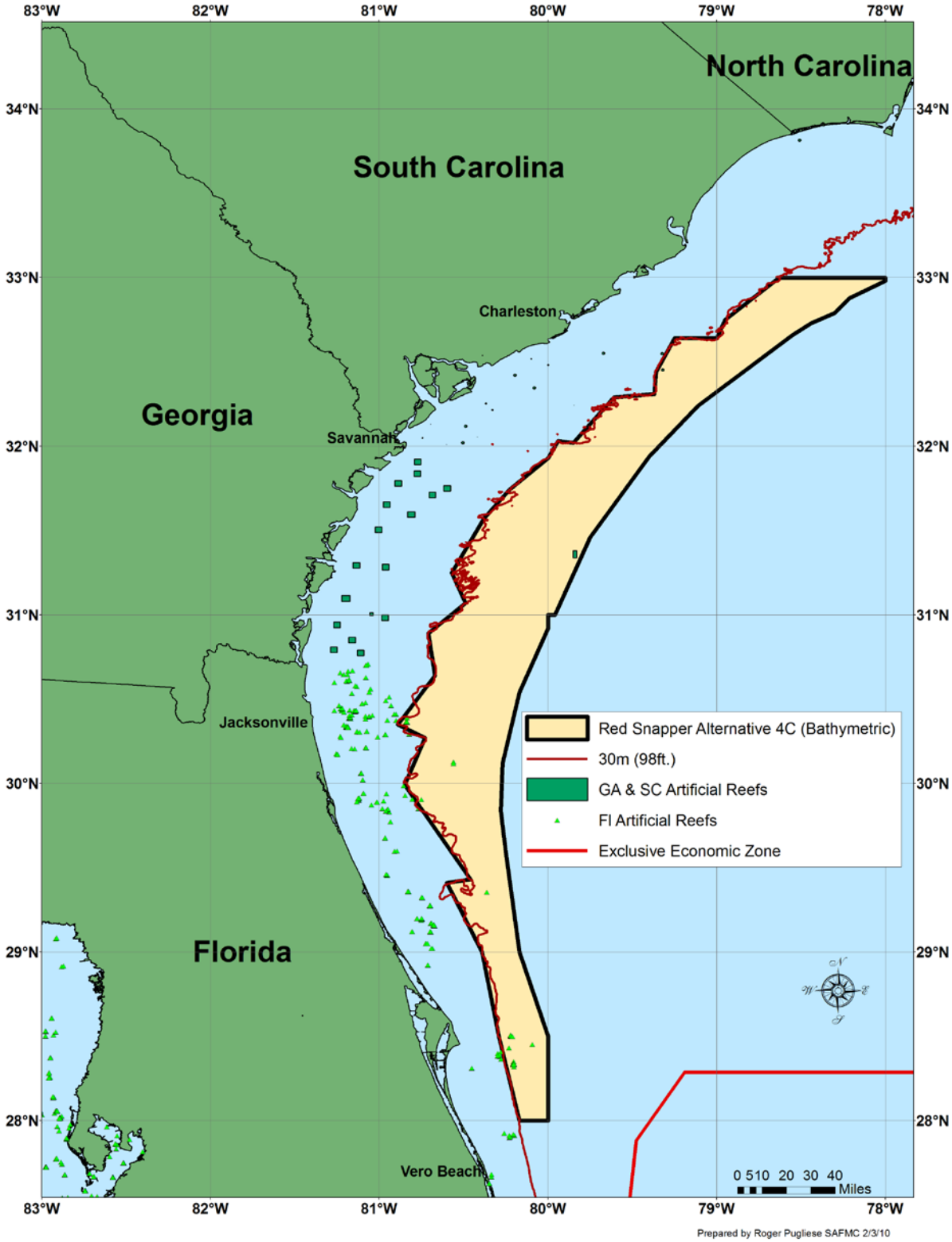

Figure 50. Red Snapper Alternative 4C (98-240ft/Bathymetric) and Artificial Reefs.

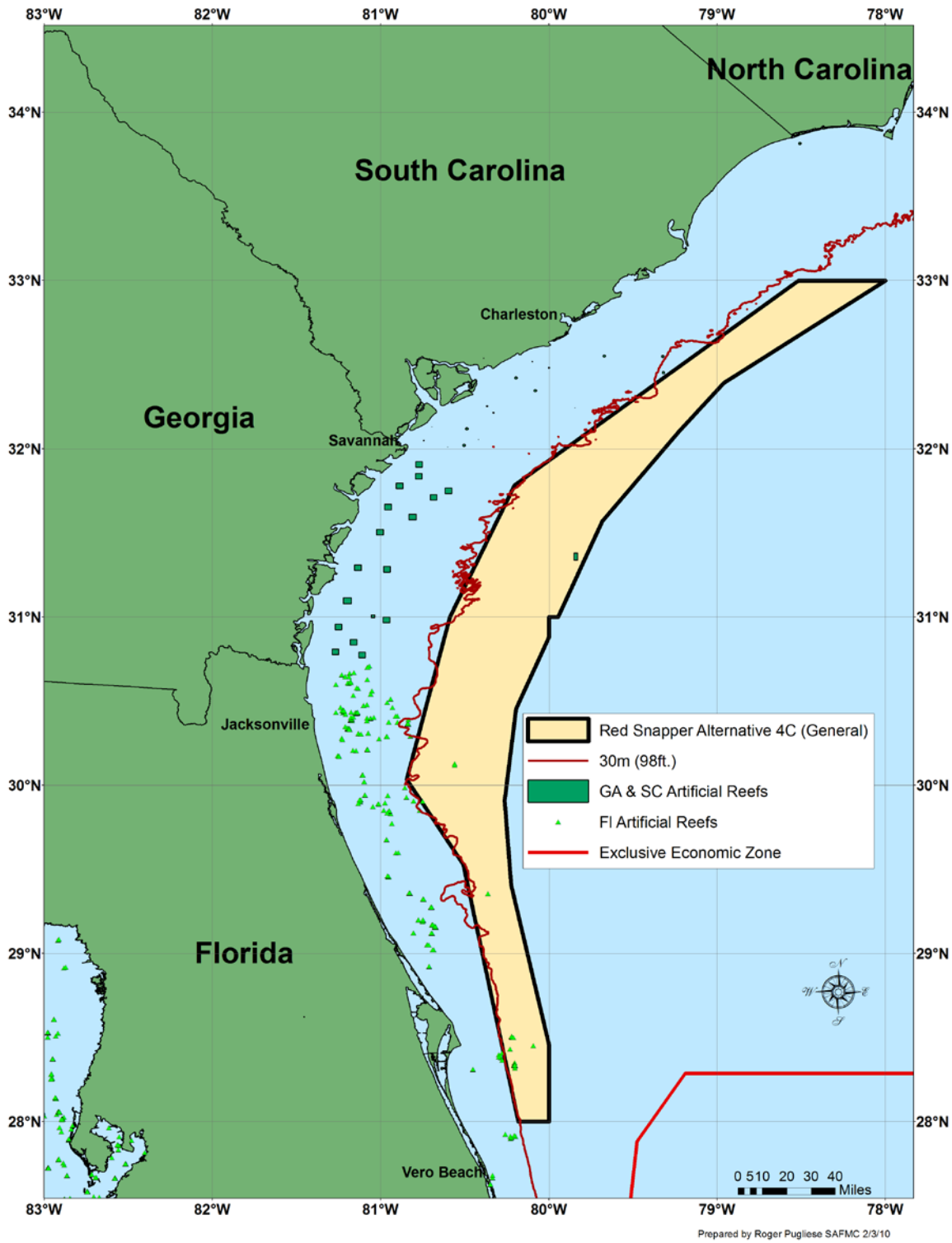

Figure 51. Red Snapper Alternative 4C (98-240ft/General) and Artificial Reefs.

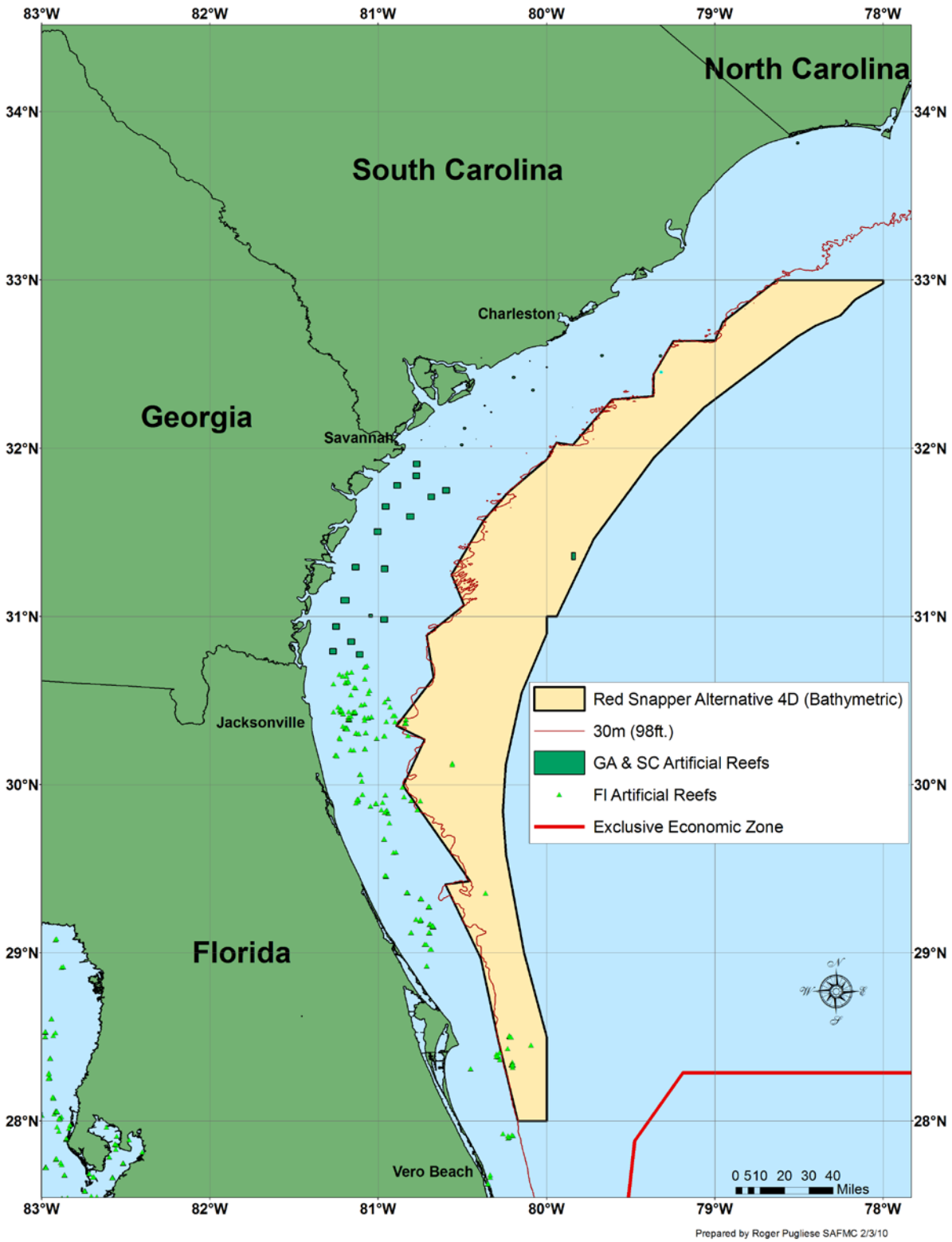

Figure 52. Red Snapper Alternative 4D (98-300ft/Bathymetric) and Artificial Reefs.

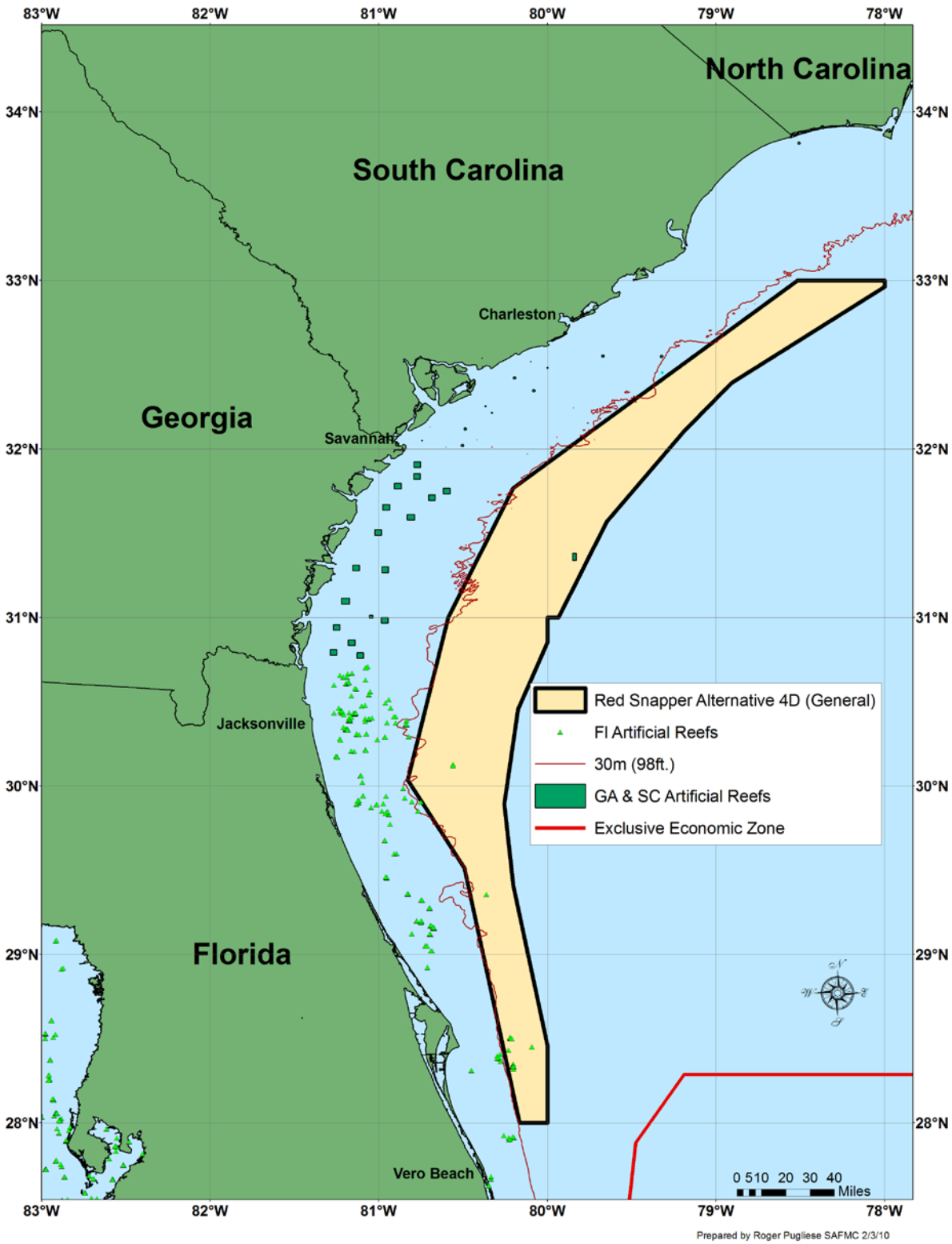

Figure 53. Red Snapper Alternative 4D (98-300ft/General) and Artificial Reefs.

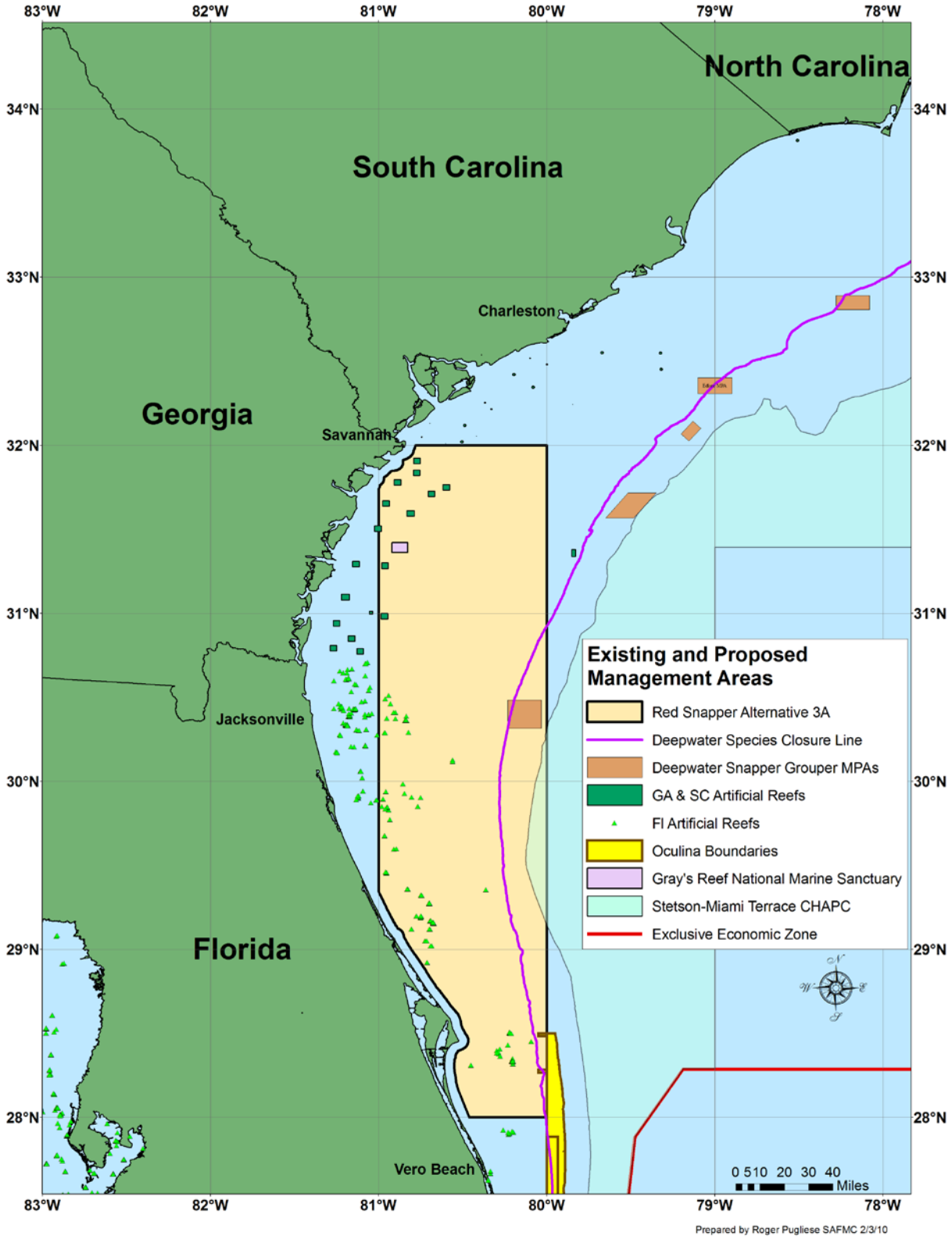

Figure 54. Red Snapper Alternative 3A (Four Grid) and Managed Areas.

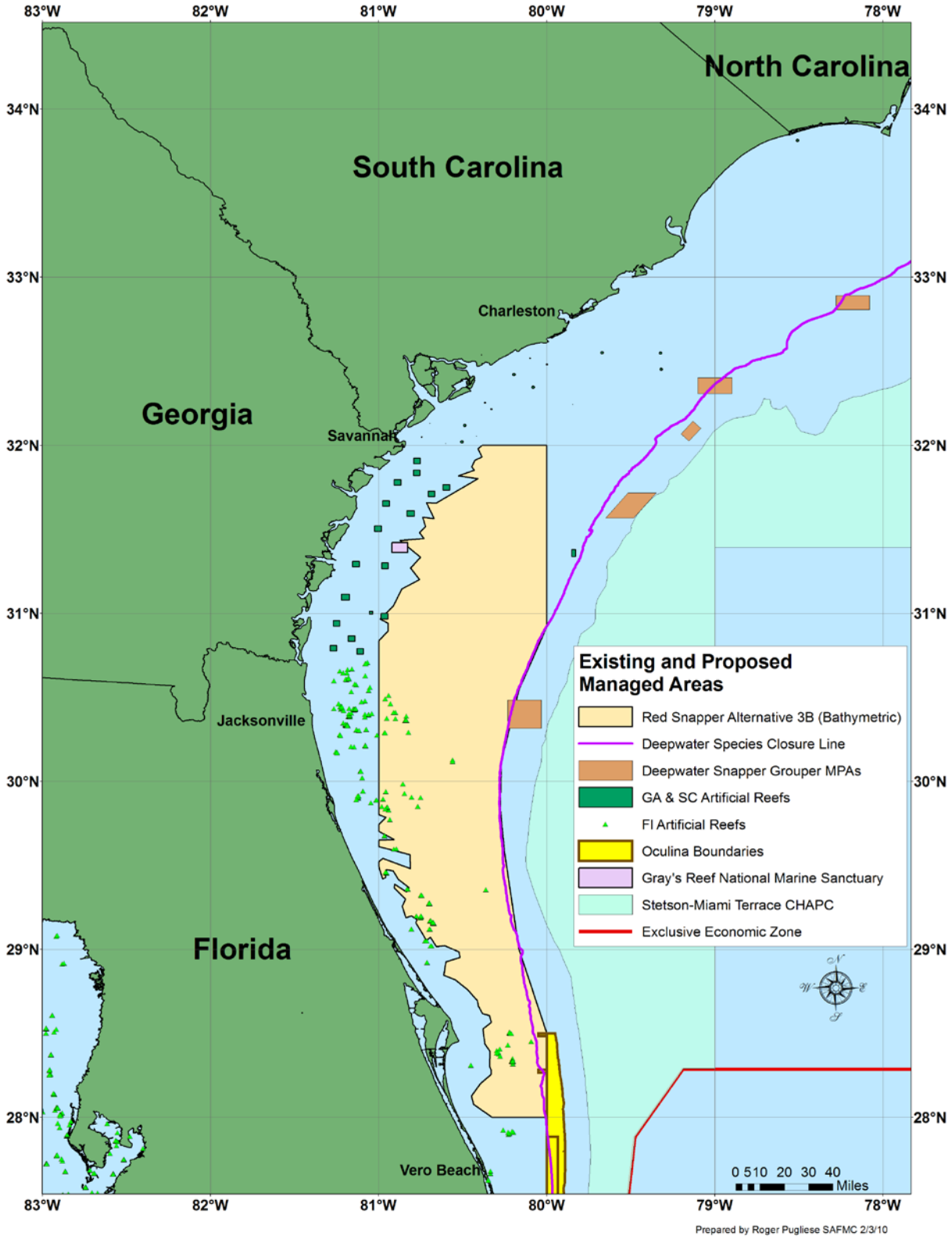

Figure 55. Red Snapper Alternative 3B (66-240ft/Bathymetric) and Managed Areas.

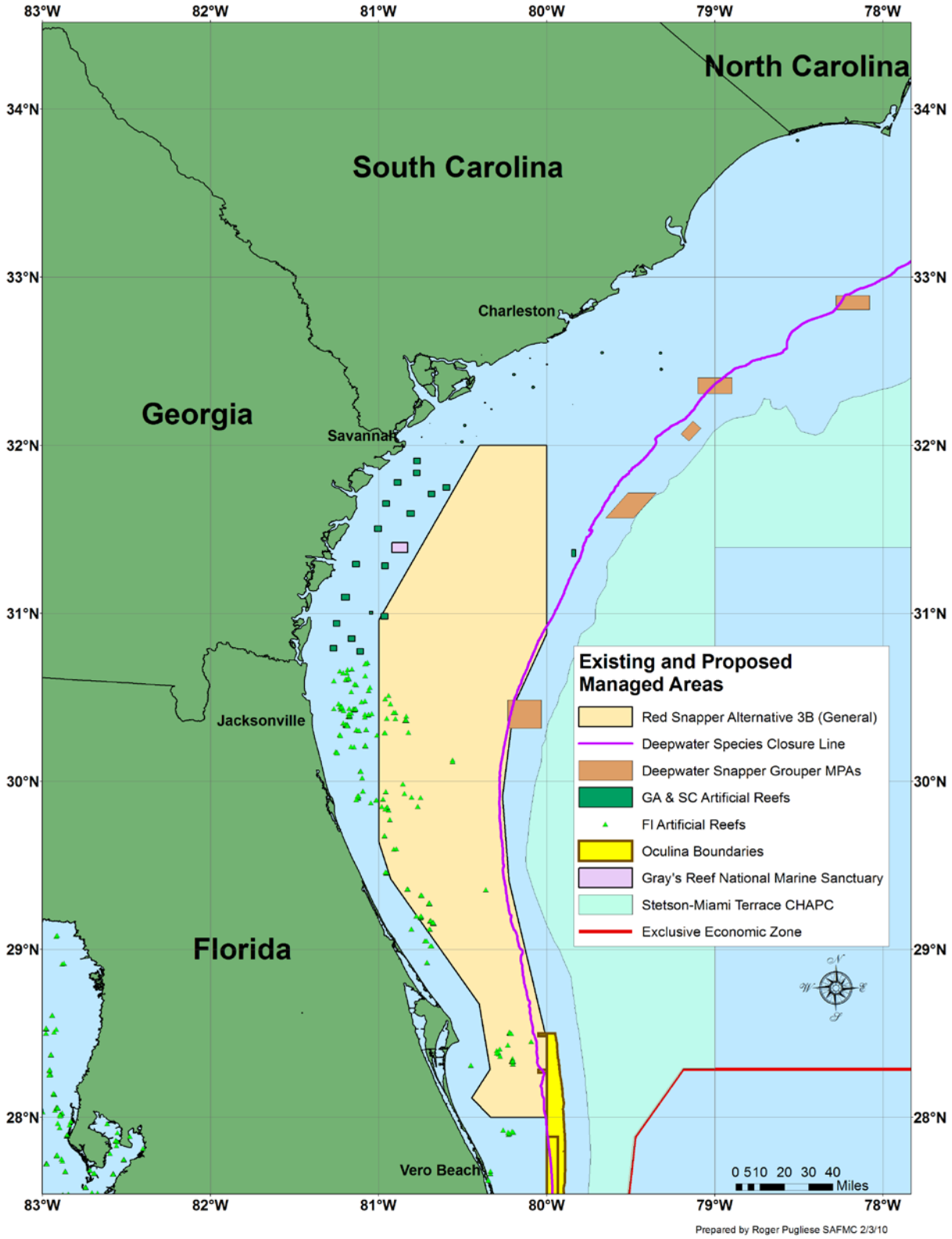

Figure 56. Red Snapper Alternative 3B (66-240ft/General) and Managed Areas.

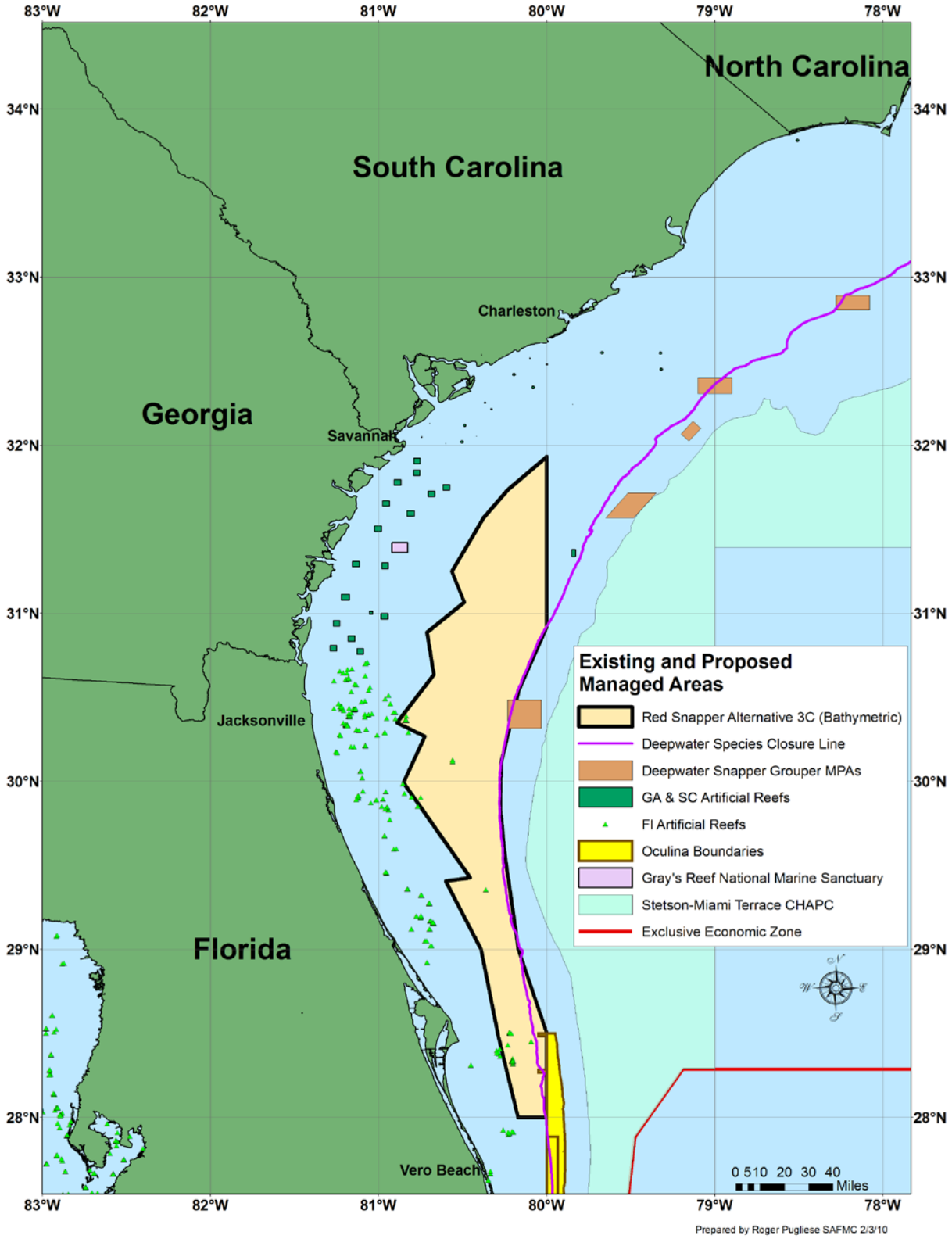

Figure 57. Red Snapper Alternative 3C (98-240ft/Bathymetric) and Managed Areas.

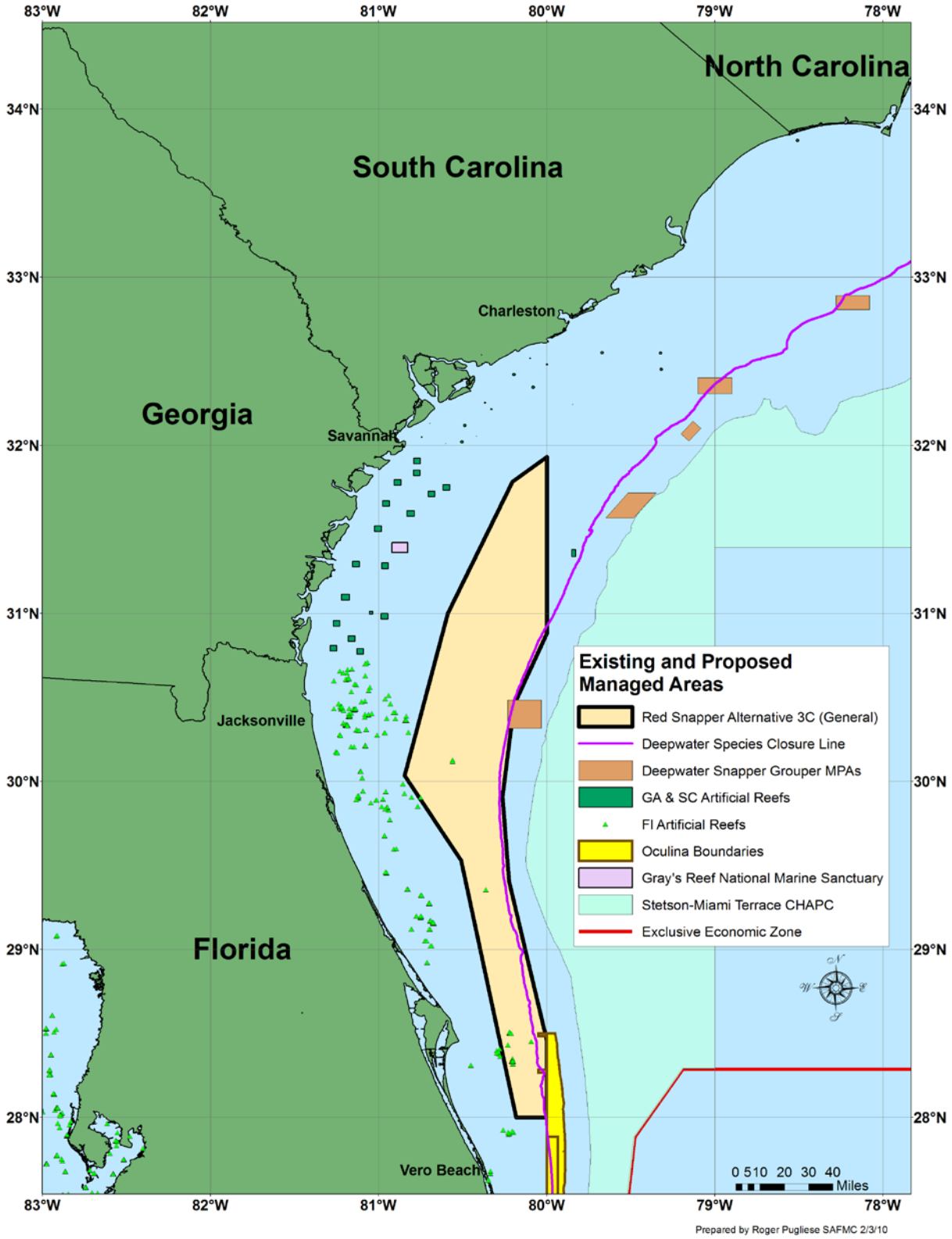

Figure 58. Red Snapper Alternative 3C (98-240ft/General) and Managed Areas.

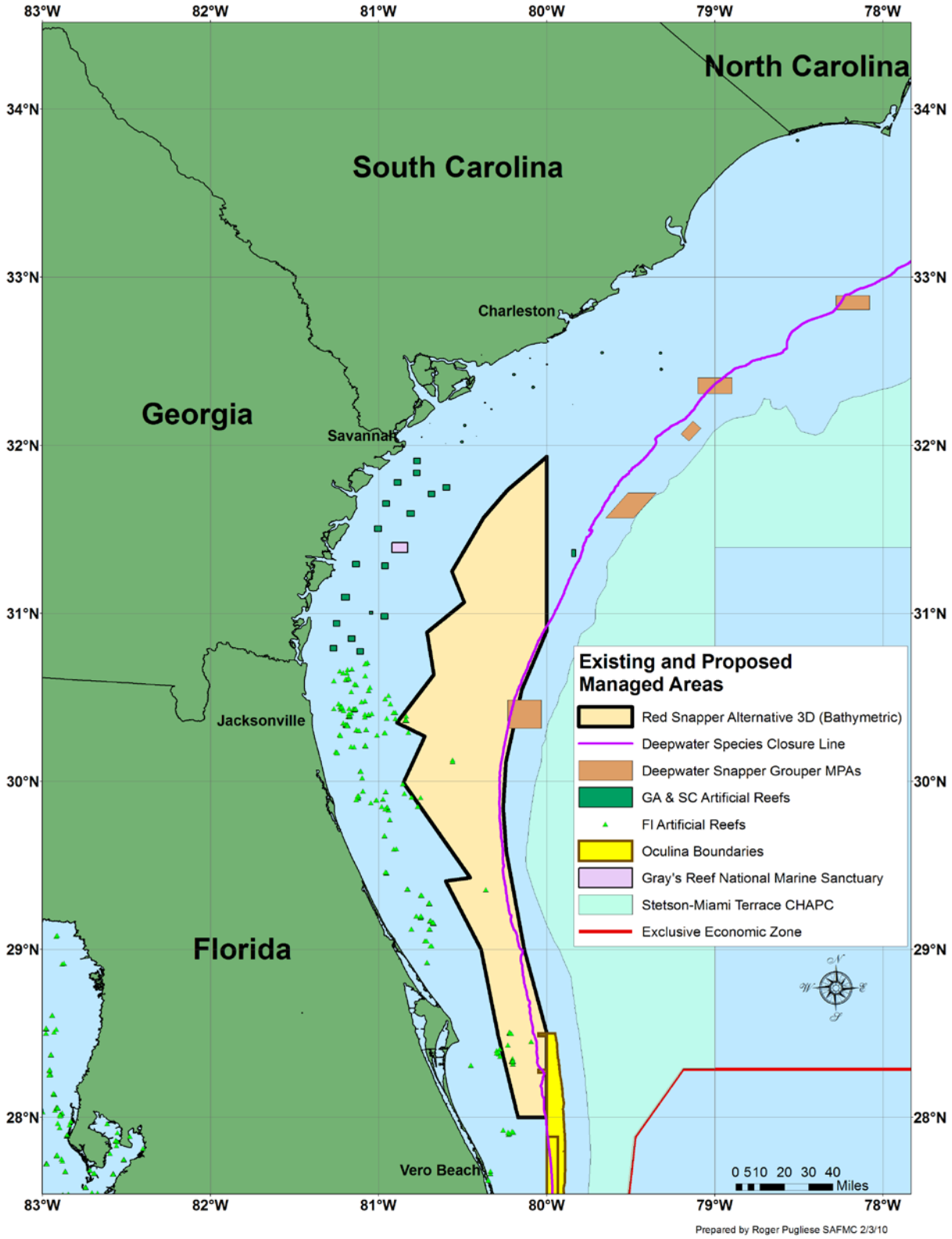

Figure 59. Red Snapper Alternative 3D (98-300ft/Bathymetric) and Managed Areas.

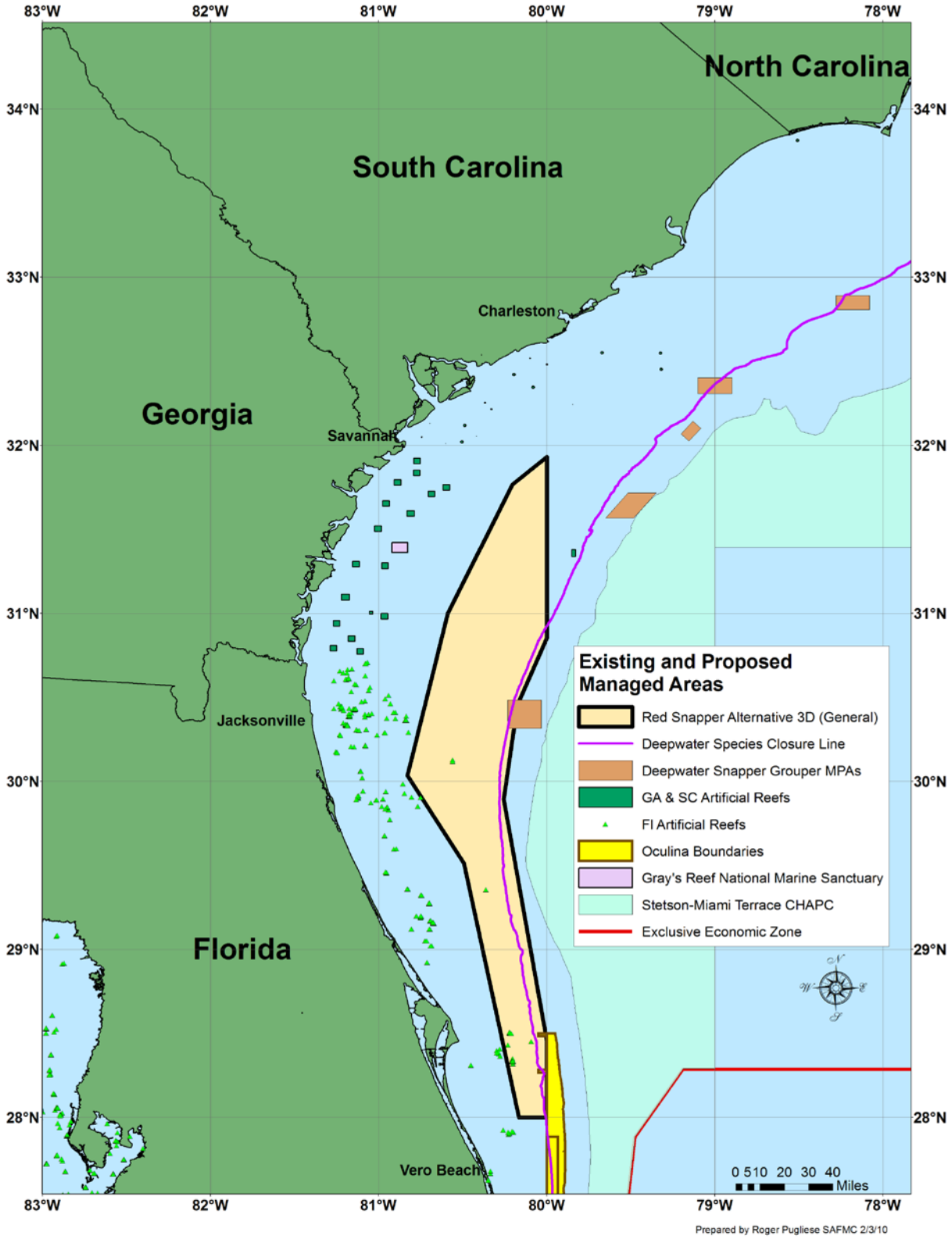

Figure 60. Red Snapper Alternative 3D (98-300ft/General) and Managed Areas.

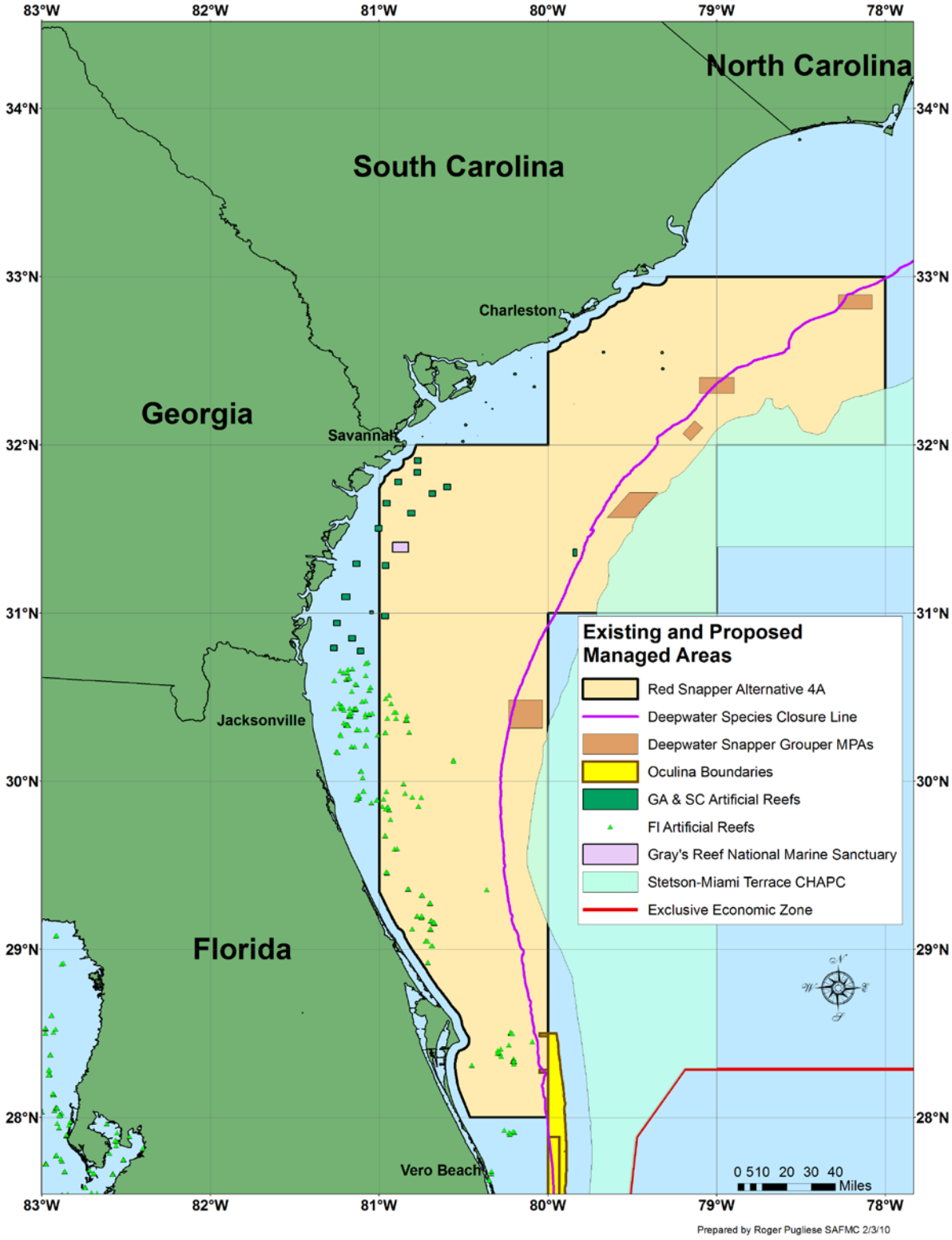

Figure 61. Red Snapper Alternative 4A (Seven Grid) and Managed Areas.

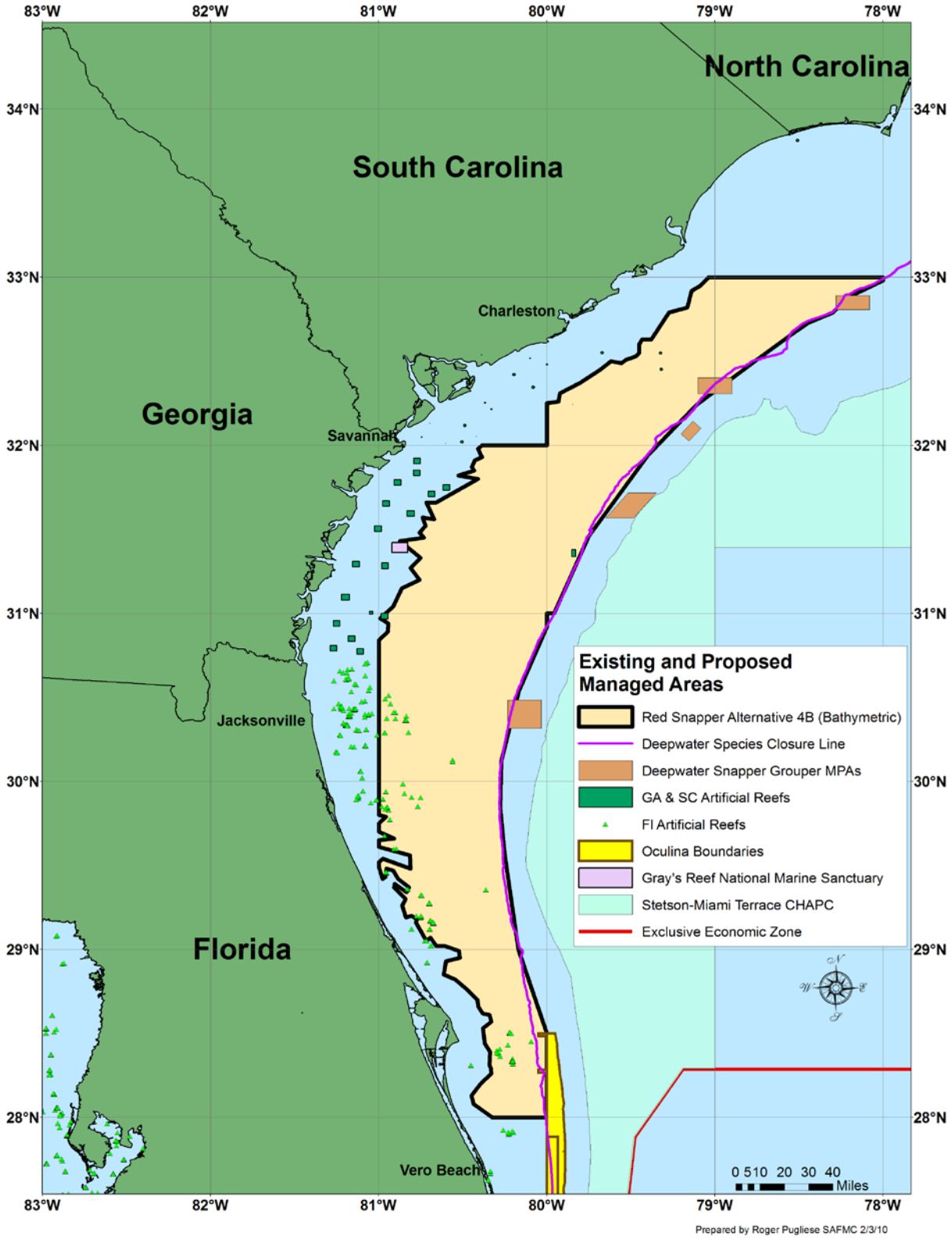

Figure 62. Red Snapper Alternative 4B (66-240ft/Bathymetric) and Managed Areas.

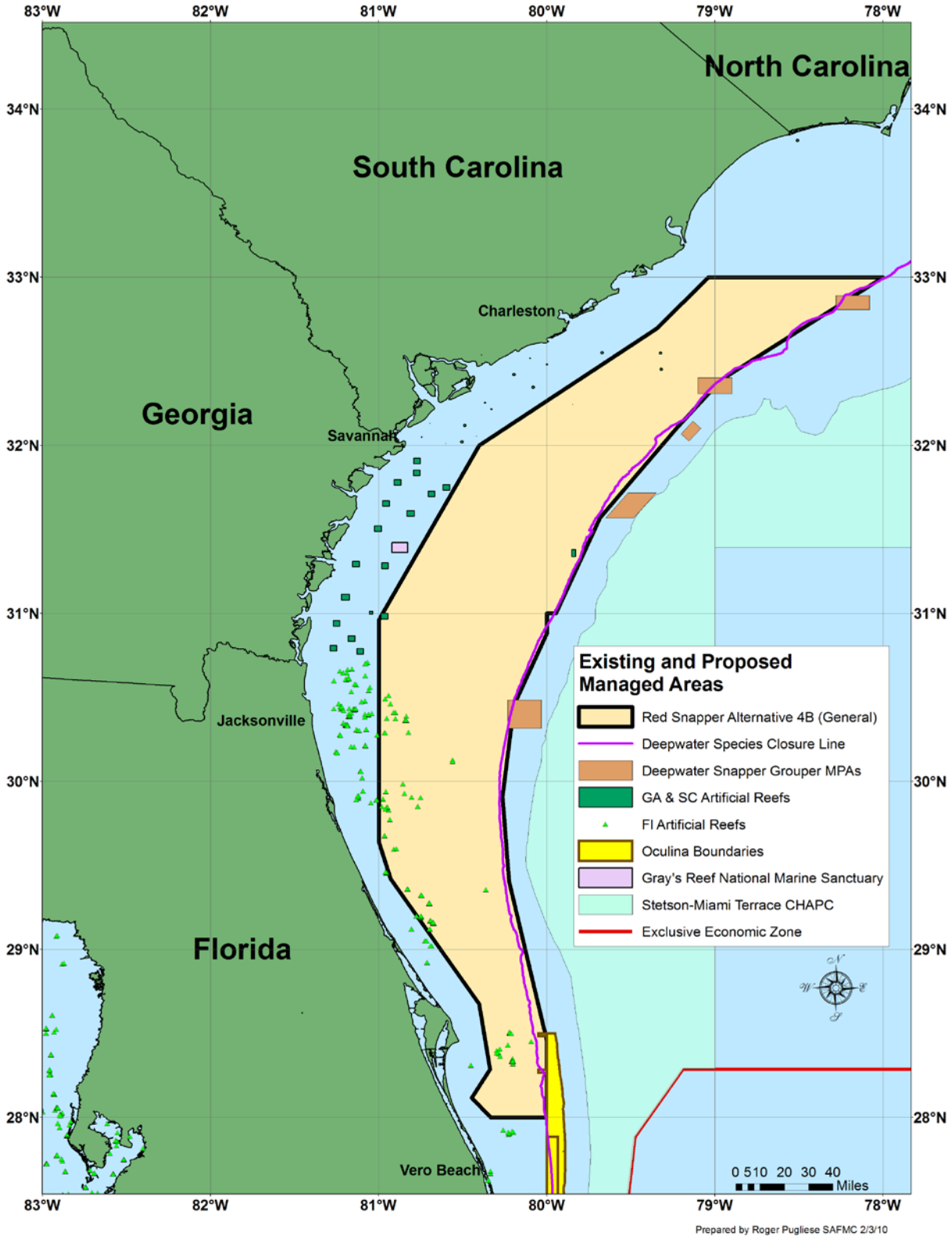

Figure 63. Red Snapper Alternative 4B (66-240ft/General) and Managed Areas.

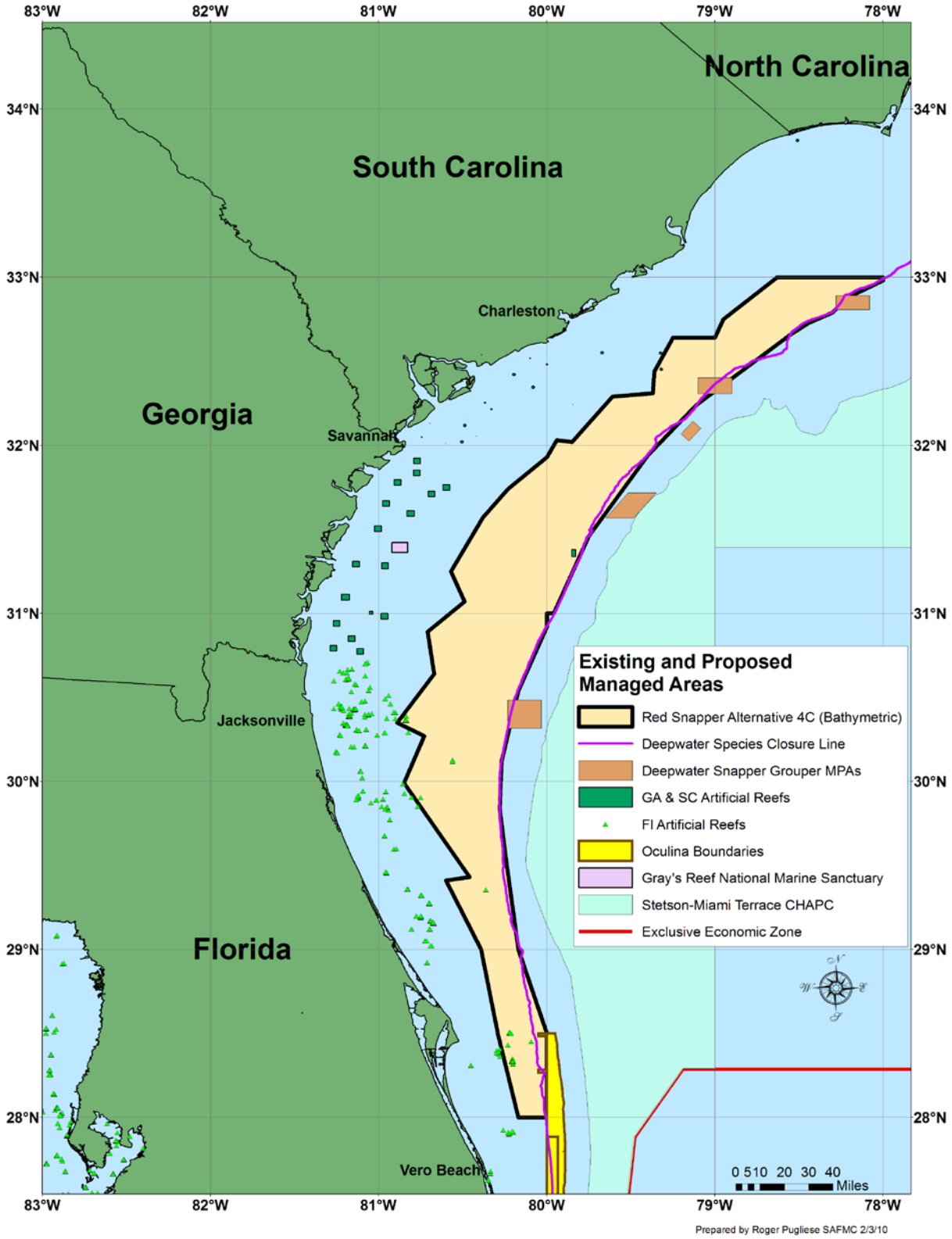

Figure 64. Red Snapper Alternative 4C (98-240ft/Bathymetric) and Managed Areas.

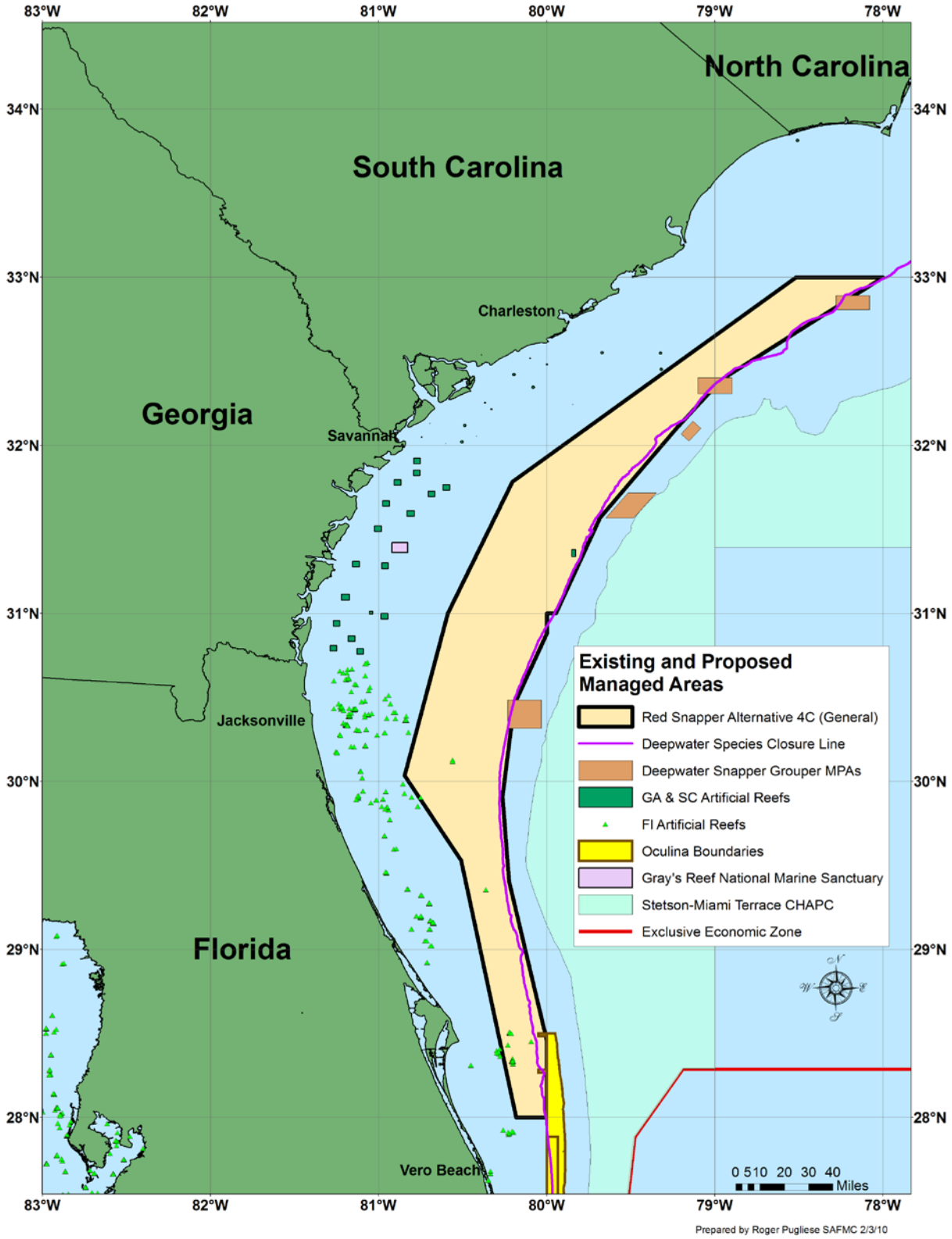

Figure 65. Red Snapper Alternative 4C (98-240ft/General) and Managed Areas

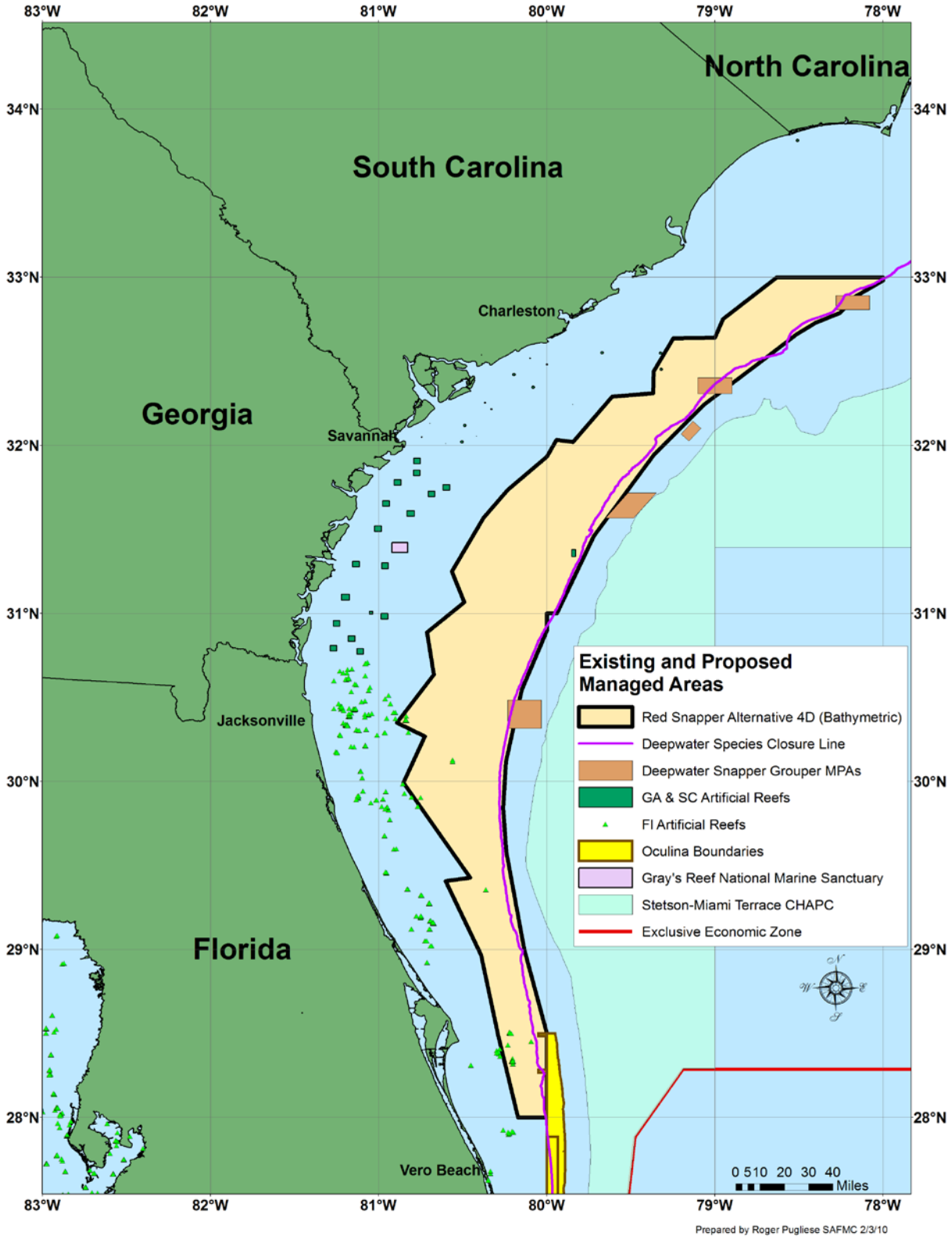

Figure 66. Red Snapper Alternative 4D (98-300ft/Bathymetric) and Managed Areas.

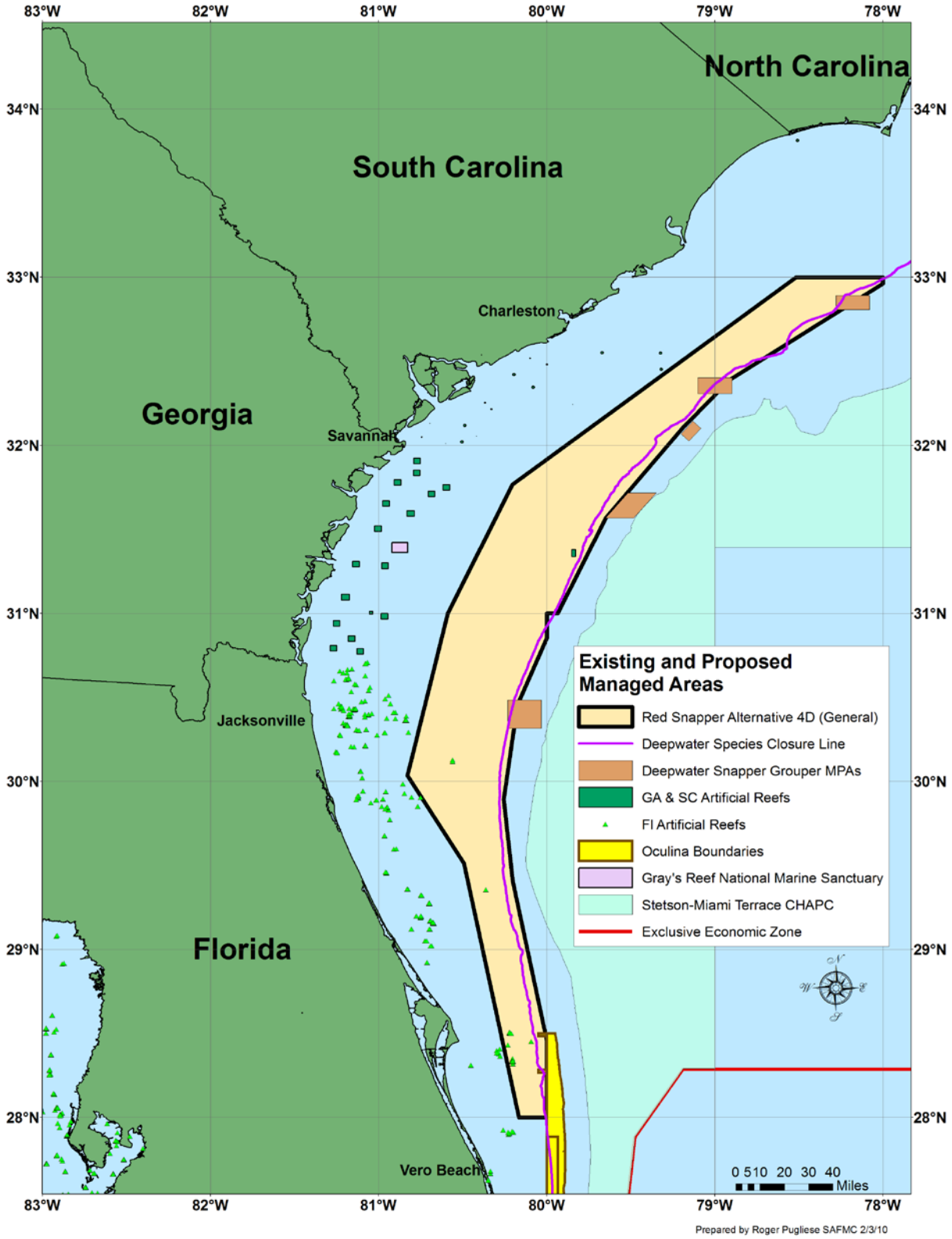

Figure 67. Red Snapper Alternative 4D (98-300ft/General) and Managed Areas