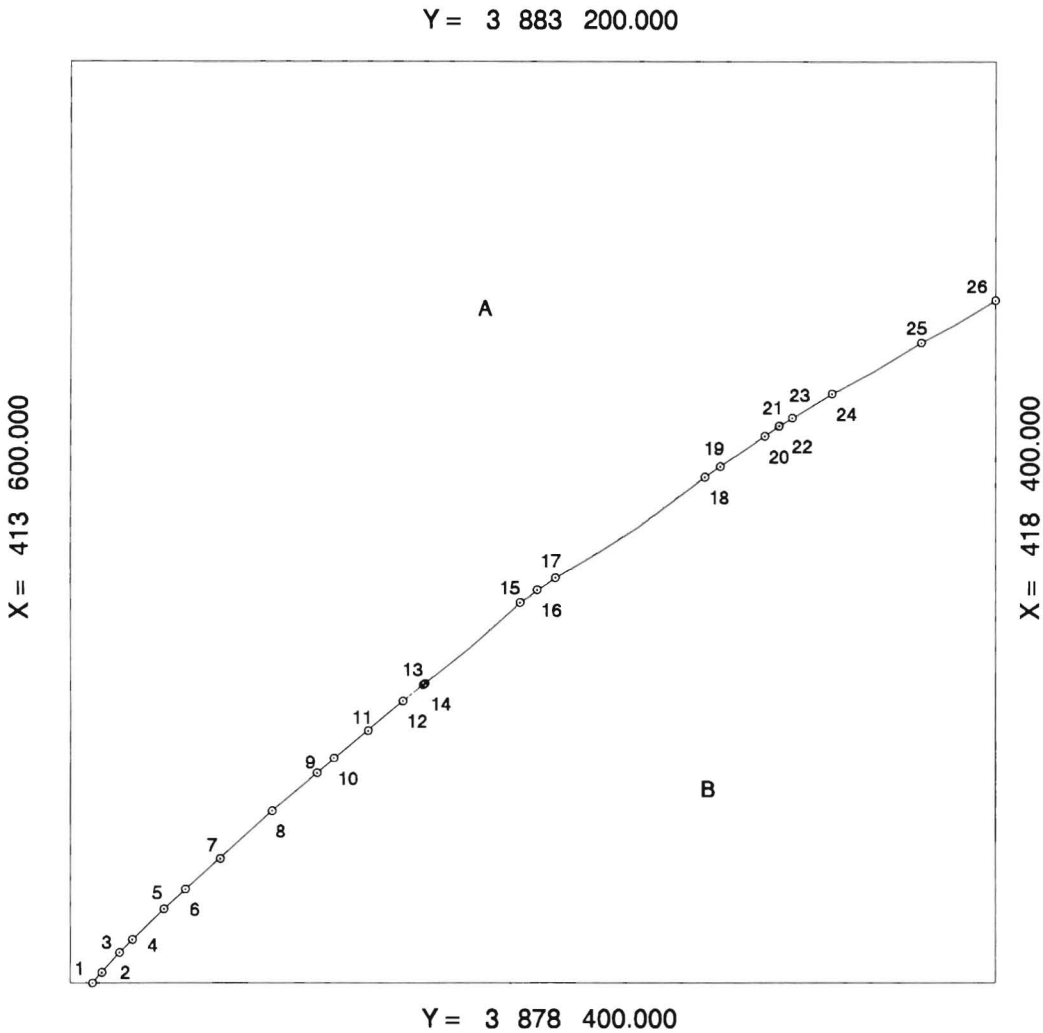


Supplemental Official OCS Block Diagram

OCS Planning Area Name	Mid Atlantic	Leasing Map/OPD Number	NI18-02
Leasing Map / OPD Name	Manteo	Block Number	7003
Submerged Lands Act Boundary Radius	5556.000	Datum	NAD 83/WGS 84
		Units	Meters
		Previous SOBD Signature Date	13-MAR-1997



State Area	A = 1386.295491 ha
Federal 8(g) Area	B = 917.704509 ha
Total Area	2304.000000 ha

Offshore Intersections			Contributing Baseline Points			Tangent Baseline End Points	
	X	Y		X	Y	X	Y
1	413	716.357	3 878 400.000	1 - 2	409 563.194	3 882 090.579	
2	413	764.488	3 878 454.886	2 - 3	409 651.690	3 882 190.395	
3	413	855.981	3 878 558.168	3 - 4	409 928.786	3 882 488.343	
4	413	922.258	3 878 625.531	4 - 5	410 116.234	3 882 673.162	
5	414	084.256	3 878 784.211	5 - 6	410 372.998	3 882 918.906	
6	414	195.336	3 878 886.677	6 - 7	410 611.008	3 883 131.878	
7	414	375.357	3 879 045.460	7 - 8	410 725.966	3 883 234.861	
8	414	643.049	3 879 294.607	8 - 9	411 162.602	3 883 625.384	
9	414	875.507	3 879 492.168	9 - 10	411 239.021	3 883 692.776	
10	414	963.296	3 879 569.802	10 - 11	411 565.852	3 883 965.995	
11	415	140.263	3 879 712.441	11 - 12	411 595.144	3 883 990.439	
12	415	319.740	3 879 867.756	12 - 13	411 890.328	3 884 239.056	
13	415	425.415	3 879 952.764	13 - 14	412 017.840	3 884 341.109	
14	415	433.860	3 879 959.335	14 - 15	412 073.074	3 884 383.615	
15	415	927.778	3 880 382.316	15 - 16	412 641.042	3 884 861.881	
16	416	016.408	3 880 448.714	16 - 17	412 967.548	3 885 093.452	
17	416	111.355	3 880 512.446	17 - 18	413 412.950	3 885 369.168	
18	416	888.371	3 881 034.357	18 - 19	413 831.050	3 885 673.530	
19	416	968.693	3 881 088.300	19 - 20	413 967.599	3 885 764.043	
20	417	201.057	3 881 245.870	20 - 21	414 061.261	3 885 829.626	

Supplemental Official OCS Block Diagram

OCS Planning Area Name	Mid Atlantic	Leasing Map/ OPD Number	NI18-02
Leasing Map / OPD Name	Manteo	Block Number	7003

Offshore Intersections					Contributing Baseline Points					Tangent Baseline End Points	
	X		Y			X		Y		X	Y
21	417	274.373	3	881	296.962	21 - 22	414	106.909	3	885	861.642
22	417	277.144	3	881	298.885	22 - 23	414	437.399	3	886	074.342
23	417	344.731	3	881	339.729	23 - 24	414	549.677	3	886	141.480
24	417	550.224	3	881	465.386	24 - 25	415	006.639	3	886	404.952
25	418	014.508	3	881	733.565	25 - 26	415	422.747	3	886	648.024
26	418	400.000	3	881	957.065						

John G. Ryan

For the Director, MMS

11/01/07

Date

For the State

Date