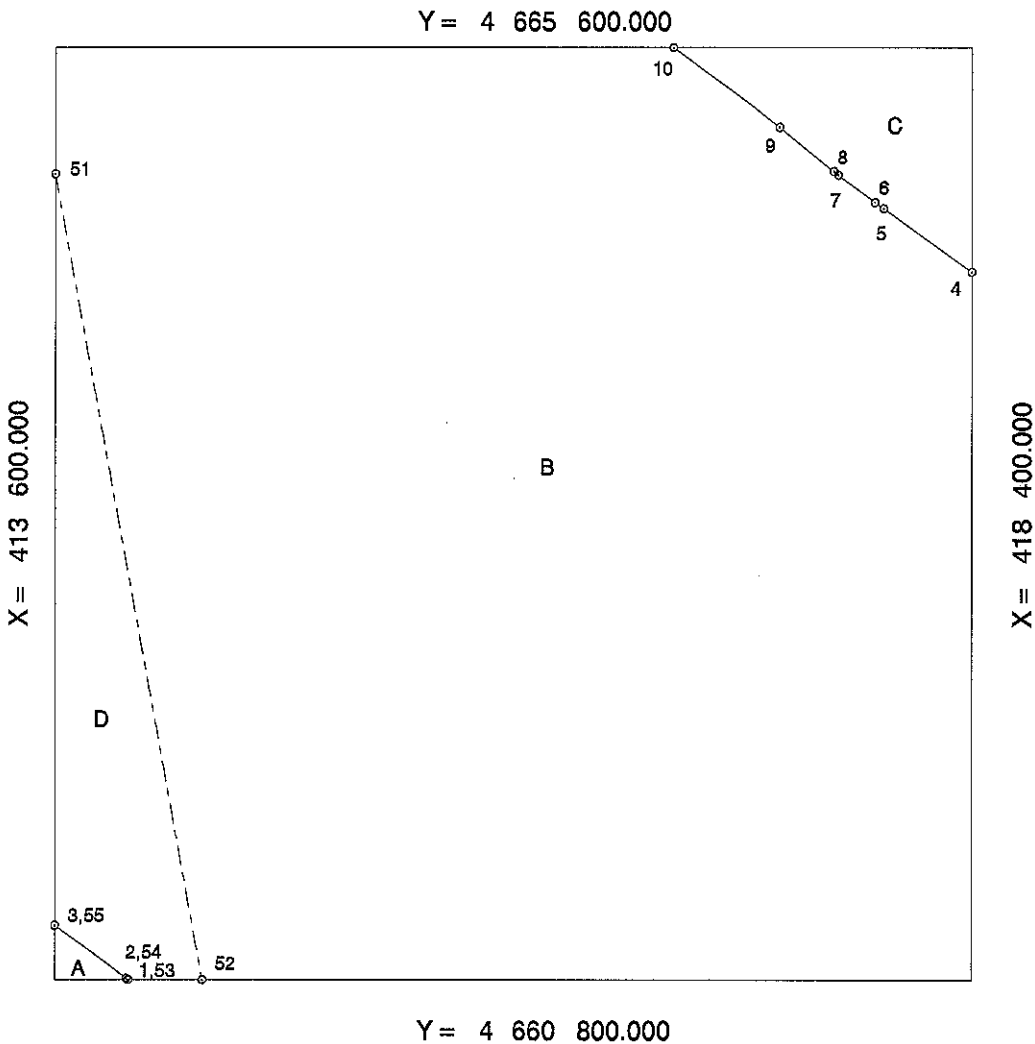


Supplemental Official OCS Block Diagram

OCS Planning Area Name	North Atlantic	Leasing Map/OPD Number	NK19-05
Leasing Map / OPD Name	Cashes Ledge	Block Number	6953
Submerged Lands Act Boundary Radius	5556.000	Datum	NAD 83/WGS 84
Limit of `8(g) Zone` Radius	11 112.000	Units	Meters
Sanctuary Limit Radius	5556.000	Previous SOBD Signature Date	01-APR-1999



State Area	A = 5.602463 ha
Federal 8(g) Area	B = 2052.167584 ha
Federal Non-8(g) Area	C = 90.842134 ha
Federal Withdrawn Area	D = 155.387819 ha
Total Area	2304.000000 ha

Offshore Intersections			Contributing Baseline Points			Tangent Baseline End Points	
	X	Y		X	Y	X	Y
1	413 985.945	4 660 800.000	1 - 2	410 603.815	4 656 392.015		
2	413 976.309	4 660 807.377	2 - 3	410 514.826	4 656 461.428		
3	413 600.000	4 661 082.125					
4	418 400.000	4 664 445.782	4 - 5	411 750.879	4 655 542.651		
5	417 939.504	4 664 771.815	5 - 6	411 653.689	4 655 608.569		
6	417 892.988	4 664 803.551	6 - 7	411 276.535	4 655 876.116		
7	417 700.714	4 664 942.894	7 - 8	410 697.251	4 656 315.725		
8	417 678.266	4 664 961.069	8 - 9	410 603.815	4 656 392.015		
9	417 393.562	4 665 188.371	9 - 10	410 514.826	4 656 461.428		
10	416 836.459	4 665 600.000					
51	413 600.000	4 664 948.450					
52	414 376.237	4 660 800.000					
53	413 985.945	4 660 800.000	53 - 54	410 603.815	4 656 392.015		

----- Stellwagen Bank National Marine Sanctuary

Supplemental Official OCS Block Diagram

Leasing Map/
OPD Number NK19-05
Block Number 6953

	Offshore Intersections						Contributing Baseline Points					Tangent Baseline End Points	
	X		Y				X		Y			X	Y
54	413	976.309	4	660	807.377	54 - 55	410	514.826	4	656	461.428		
55	413	600.000	4	661	082.125								

Rita R. Manner 12/14/09
For the State Date