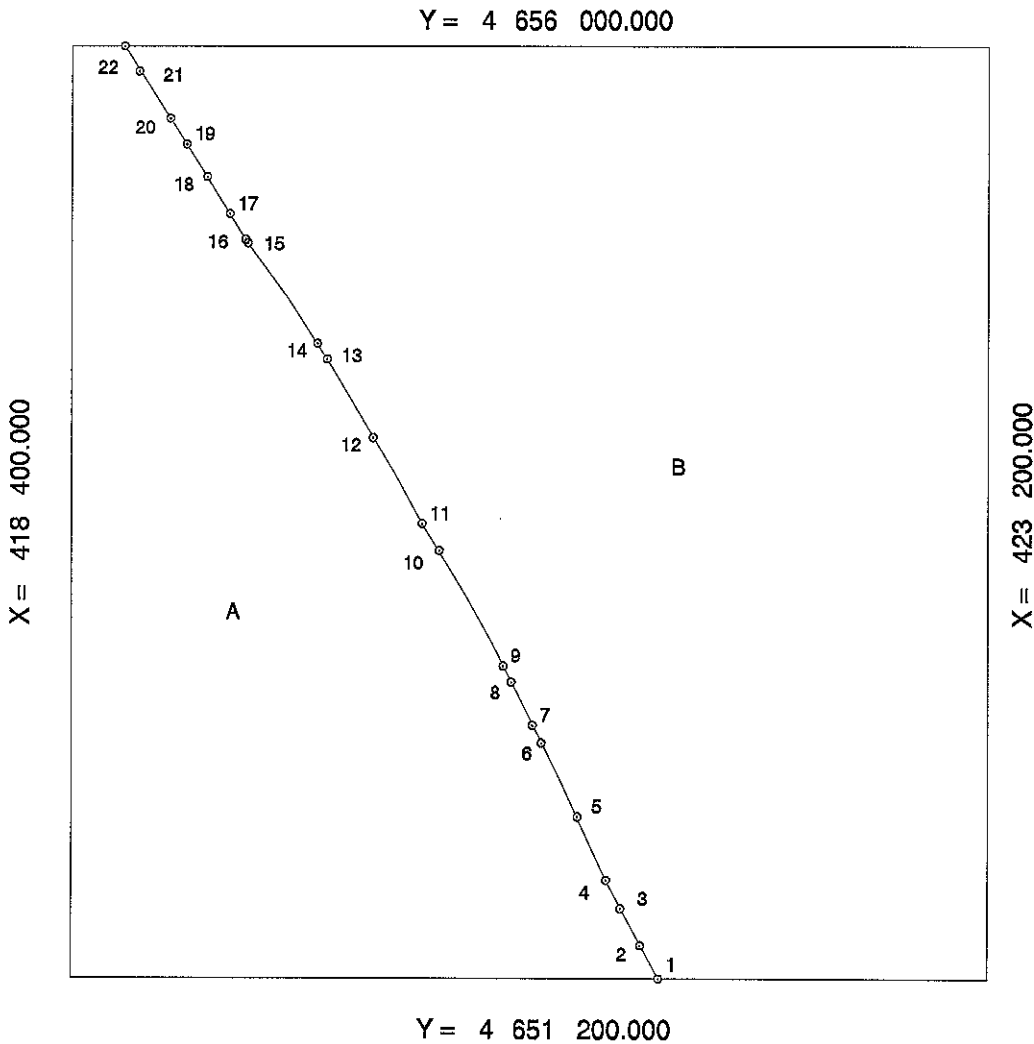


Supplemental Official OCS Block Diagram

OCS Planning Area Name	North Atlantic	Leasing Map/ OPD Number	NK19-05
Leasing Map / OPD Name	Cashes Ledge	Block Number	7054
Submerged Lands Act Boundary Radius	5556.000	Datum	NAD 83/WGS 84
		Units	Meters
		Previous SOBD Signature Date	13-MAR-1997



State Area	A = 844.134295 ha
Federal 8(g) Area	B = 1459.865705 ha
Total Area	2304.000000 ha

Offshore Intersections				Contributing Baseline Points				Tangent Baseline End Points			
	X		Y		X		Y		X		Y
1	421	477.577	4 651 200.000	1 - 2	416	559.791	4 648 614.557				
2	421	382.339	4 651 373.573	2 - 3	416	450.847	4 648 814.369				
3	421	277.904	4 651 565.488	3 - 4	416	312.521	4 649 072.677				
4	421	201.620	4 651 711.966	4 - 5	416	084.529	4 649 547.592				
5	421	051.013	4 652 038.209	5 - 6	416	009.184	4 649 703.879				
6	420	861.299	4 652 410.559	6 - 7	415	896.418	4 649 916.748				
7	420	814.467	4 652 501.690	7 - 8	415	796.534	4 650 116.427				
8	420	703.758	4 652 721.862	8 - 9	415	718.158	4 650 269.734				
9	420	662.208	4 652 804.591	9 - 10	415	663.328	4 650 379.652				
10	420	327.290	4 653 399.022	10 - 11	415	601.341	4 650 477.628				
11	420	238.234	4 653 538.405	11 - 12	415	305.629	4 650 981.348				
12	419	981.635	4 653 982.032	12 - 13	415	086.567	4 651 353.830				
13	419	741.892	4 654 386.500	13 - 14	415	030.490	4 651 441.703				
14	419	690.559	4 654 467.078	14 - 15	414	971.466	4 651 534.622				
15	419	325.899	4 654 985.426	15 - 16	414	715.097	4 651 885.484				
16	419	313.438	4 655 003.880	16 - 17	414	551.808	4 652 141.012				
17	419	231.492	4 655 135.957	17 - 18	414	456.460	4 652 295.498				
18	419	112.972	4 655 326.345	18 - 19	414	386.636	4 652 405.577				
19	419	004.008	4 655 495.724	19 - 20	414	293.178	4 652 550.013				
20	418	918.288	4 655 628.567	20 - 21	414	224.312	4 652 656.072				

Leasing Map/
OPD Number NK19-05
Block Number 7054

	Offshore Intersections						Contributing Baseline Points					Tangent Baseline End Points	
	X		Y				X		Y			X	Y
21	418	754.651	4	655	872.462	21 -22	413	966.589	4	653	054.023		
22	418	677.253	4	656	000.000								

Toland H. Hermahlen 01/19/2005
For the Director, MMS Date

For the State Reth R. Thanner Date 12/14/09