



Virginia International Gateway (VIG)

Crane Specifications		Berth 1				Berth 2				Berth 3		Berth 4	
Crane Number		# 1	# 2	# 3	# 4	# 9	# 10	# 11	# 12	# 5	# 6	#7	#8
In Service Date		2007	2007	2007	2007	2019	2019	2019	2019	2007	2007	2011	2011
Manufacturer		ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC
Capacity Long Tons	Cont Bar	65	65	65	65	65	65	65	65	65	65	65	65
	H/L Bar	100	100	100	100	100	100	100	100	100	100	100	100
Length of Boom "A" (ft)		205	205	205	205	226	226	226	226	205	205	213	213
Fender - Distance from offshore gantry rail to offshore edge of fender system (ft)		17	17	17	17	17	17	17	17	17	17	17	17
Effective Boom Distance (ft)		187.82	187.82	187.82	187.82	209.15	209.15	209.15	209.15	187.82	187.82	196.02	196.02
Effective Boom Distance (m)		57.25	57.25	57.25	57.25	63.75	63.75	63.75	63.75	57.25	57.25	59.75	59.75
Height of Water to Dock (MLW) (ft)		12	12	12	12	12	12	12	12	12	12	12	12
Height of Water to Dock (MHW) (ft)	[2.43 ft above MLW]	9	9	9	9	9	9	9	9	9	9	9	9
Height of Spreader to Dock "B" (ft)		135	135	135	135	171	171	171	171	134.51	134.51	132.55	132.55
Height of Spreader to Dock "B" (m)		41.00	41.00	41.00	41.00	52.00	52.00	52.00	52.00	41.00	41.00	40.40	40.40
Height of Spreader to Water (MHW) (ft)		144	144	144	144	180	180	180	180	144	144	142	142
Height Boom to Dock "C"	[Scaled for Cranes #7 & # 8]	160	160	160	160	182	182	182	182	160	160	154	154
Height Boom to Water (MHW) (ft)		169	169	169	169	191	191	191	191	169	169	163	163
Height under Beam "D" (ft)		56	56	56	56	56	56	56	56	56	56	56	56
Overall Length (ft)		89	89	89	89	89	89	89	89	89	89	89	89
Width between Legs (ft)		59	59	59	59	59	59	59	59	59	59	59	59
Rail Gauge (ft)		100	100	100	100	100	100	100	100	100	100	100	100
Back Reach Distance (ft)		82	82	82	82	82	82	82	82	82	82	82	82
Container Count Across Vessel		22	22	22	22	24	24	24	24	22	22	22	22