

Ligon Street Norfolk Piers and Drydock Specifications			
Size			
	Pier #1	787 feet long X 40(only at CF) feet wide (1 berth 1W)	
		365 feet long X 40 feet wide (1 berth 1E)	
	Pier #2	620 feet long X 40 feet wide (1 berth 2W)	
		1117 feet long X 40(only at CF's) feet wide (1 berth 2E)	
	Pier #3	847 feet long X 41 (at CF#5) feet wide (1 berth, 3E)	
X 39' 4"(at CF#7) wide			
Dry-dock	750 feet long and 126.5 feet clear width		
Capacity			
	Pier #1	Ship length: up to 900 feet, slip depth: 35 feet (berth 1W)	
		up to 450 feet, slip depth: 30 feet (berth 1E)	
	Pier #2	Ship length: up to 700 feet, depth: 35 feet (berth 2W)	
		up to 900 feet, slip depth: 35 feet (berth 2E)	
	Pier #3	Ship length: up to 900 feet, depth: 35 feet (berth 3E)	
Dry-dock	40,000 long tons, Rated Lift Capacity		
Cranes			
	Pier #1	2ea Tower Cranes (T4, T5) 22 ton capacity @ 96' and 7.6 ton @ 246'	
	Pier #2	4ea Tower Cranes (T2, T3, T4, T5) 22 ton capacity @ 96' and 7.6 ton @ 246'	
	Pier #3	2ea Tower Cranes (T2, T3) 22 ton capacity @ 96' and 7.6 ton @ 246'	
	Dry-dock	3ea Tower Cranes (T1, T2, T3) 22 ton capacity @ 96' and 7.6 ton @ 246'	
	All Locations	Additional Cranes and Derricks rented or leased as required	
Certification			
	Pier #1	Heavy weather certification for U.S. Navy ship classes up to LSD	
	Pier #2	Heavy weather certification for U.S. Navy ship classes up to LHA/LHD	
	Pier #3	Heavy weather certification for U.S. Navy ship classes up to LHA/LHD	
	Dry-dock	40,000 tons - NAVSEA Safety Certification renewal due 30 June 2015 - ABS Certificate of Classification renewal due 22 Dec 2019	
Construction			
	Piers #1, #2 & #3 concrete and steel pontoon		
	Drydock steel pontoon		
Services at each Berth: 1E, 1W, 2E, 2W, 3E & Drydock			
	Electrical Power	Pier #1	1 x 4000 amps ungrounded at 440 volts 3PH(wetslip E)
			1 x 1200 amps grounded (WetSlip E)
			1 x 4000 amps ungrounded at 440 volts 3PH(wetslip W)
			1 x 1600 amps grounded (Wetslip W)
		Pier #2	2 x 4000 amps ungrounded at 440 volts 3PH
			2 x 3200 amps grounded
		Pier #3	2 x 4000 amps ungrounded at 440 volts 3PH
			1 x 3200 amps grounded
		Drydock	2 x 4000 amps ungrounded at 440 volts 3PH
			2 x 1600 ams grounded (East)
			1 x 400 amps grounded (West)
			2 x 400 ams ungrounded (Living Barge)
	Water	Potable	50,000 GPD at 60 PSIG
Fire/Cooling		13,500 GPM at 120 PSIG maximum flow	
Compressed Air	4000 CFM at 125 PSIG		
Dry Air	Available compressed air is dry		

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	Phone Lines	25+ trunk lines plus T-1 service
	CHT	220,000 gallons per day
	Steam	30,000 lbs/hr at 120 PSIG Piers 1 & 2, Slip 1 and Dry-dock
	Feed Water	As required, no limit
	Oily Waste	6,000 gallons per hour per each of two in-yard treatment plants
	TV & Internet	All national and local stations available in area
Laydown Areas		
	#1	Size: 5,000 square feet Location: Carfloat #3 (Pier 1)
	#2	Size: 5,000 square feet Location: Immediately south of Pier 1
	#3	Size: 11,000 square feet Location: Carfloat #1 and #2 (Pier 2)
	#4	Size: 3,200 square feet Location: Immediately north of main office building
	#5	Size: 11,500 square feet Location: Carfloat #5 and #7 (Pier 3)
	#6	Size: 10,500 square feet Location: Immediately south of Drydock
Storage		
	Tools	2,000 square feet in main toolroom within 500 feet of piers and 300 feet of drydock
	Materials	24,000 square feet in main storeroom within 500 feet of piers and 300 feet of drydock
Special Equipment		
	Two oily water treatment plants	Two permanently installed 6,000 gallon per hour oily water treatment plants and associated facility-wide transfer system serving all berths and drydock.
	Drydock storm water run-off treatment system	A permanently installed, Virginia DEQ inspected and approved drydock stormwater collection, treatment and disposal system
Security		
	Security Complies with requirements of NAVSEA Standard Item 009-72	
	Single entrance into shipyard. Manned by armed guards 24x7.	
	Security cameras throughout facility, accessible on Internet 24x7.	
	Eight foot high security fence with razor wire around waterfront perimeter.	
	Emergency phones in machinery spaces aboard each ship with dedicated lines.	
	ADT fire alarms on ship to central signal station manned 24x7.	
NOTE: All facilities permanent and owned by General Dynamics NASSCO-Norfolk.		
<p>For more information, send e-mail to info@nassconorfolk.com or call Business Development at (757) 543-6801.</p>		