



DB Superior Performance

STATUTORY INFORMATION		
Flag Administration	Vanuatu	
Official No.	1697	
Classification	American Bureau of Shipping	
Designation	+A1 Barge	
PRINCIPAL DIMENSIONS		
	Imperial	Metric
Length	394 ft	120.13 m
Breadth	104 ft	31.7 m
Depth	24 ft	7.3 m
Draft Design	18 ft	5.5 m
FLUID CAPACITIES		
	Imperial	Metric
Ballast Water	4,226,752 gal	16,000 m ³
Potable Water	391,010 gal	1,480 m ³
Fuel	325,824 gal	1,233 m ³
MACHINERY		
Main Generators	(5) Leroy Somer; 590 kw, 480 VAC, 60 Hz, 3 Phase; 3412 Caterpillar	
Emergency Generator	Caterpillar 3056; 99 kw, 480 VAC, 60 Hz, 3 Phase	
Crane Emergency Generator	Caterpillar 3054; 55 kw, 480 VAC, 60 Hz, 3 Phase	
Welding Machines	(16) Lincoln Welding Machines	
SHIPBOARD SYSTEMS		
	Imperial	Metric
(2) Ballast Pumps	132,086 gal/hr	500 m ³ /hr
(2) Fire Pumps	34,342 gal/hr	130 m ³ /hr
(2) Fire/Foam Monitors	59,438 gal/hr	225 m ³ /hr
(2) Fuel Oil Transfer Pumps	11,887 gal/hr	45 m ³ /hr
(2) Potable Water Transfer Pumps	31,700 gal/hr	120 m ³ /hr
(2) Fresh Water Makers	26,417 gal/hr	
(2) Air Compressors	1,309 gal/min	175 CFM
FIREFIGHTING & LIFESAVING		
FRC	(1) 6-Person Capacity 50 HP Outboard	
Life Rafts	18 – 25 Man Life Rafts Per Side	
Sprinkler Systems	Living Quarters	
CO ² System	Engine Room & Paint Locker	
Hospital	2-Bed ALS Equipment & Personnel	
<i>Portable Firefighting, Lifesaving, Fire Detection, General Alarm, Public Address & Telephone Systems Installed Throughout Barge in Accordance with IMO SOLAS Regulations.</i>		

DECK AREA		
Deck Loading	1.280 s/t per sq ft	
Free Deck Area	21,993 sq ft	
Baffled Moon Pool	22 ft by 22 ft; Capable of Sat Diving Operations or ROV Operations	
Deck Crane	Manitowoc 777 Series 2; 130 ft Boom; 29,500 Whip Line; 176,100 Main Block	
HEAVY LIFT OFFSHORE CRANE		
	Imperial	Metric
Main Hoist	14 Falls	881 s/t @ 87.5 ft
	Min. Working Radius	27 ft
	Max. Working Radius	170 ft
	Hoisting Speed: Full Load	12 ft/min
	Reduced Load	28 ft/min
Auxiliary Hoist	4 Falls	132 s/t @ 114 ft
	2 Falls	44 s/t @ 236 ft
	Single Falls	22 s/t @ 236 ft
	Min. Working Radius	52 ft
	Max. Working Radius	236 ft
	Hoisting Speed: 4 Falls	26 ft/min
	Full Load: 2 Falls	78 ft/min
	Reduced Load	157 ft/min
Tugger Winches (3)	27.5 s/t @ 39 ft/min	25 mt @ 12 m/min
Sling Hoist (2)	11 s/t @ 82 ft/min	10 mt @ 25 m/min
Max. Simultaneous Power	1,200 kw	
MOORING SYSTEM		
	Imperial	Metric
Anchors	(8) 12 Ton Delta Flipper	
Anchor Wire	2 in @ 5,000 ft	52 mm @ 1,500 m each
Mooring Winches	(8) Single Drum – Hydraulic; 150 Ton Brake Holding	
Rated Pull (1st Layer)		
	High Speed	22 s/t @ 98 ft/min
	Low Speed	143 s/t @ 29 ft/min
Rated Pull (Top Layer)		
	High Speed	10 s/t @ 206 ft/min
	Low Speed	68 s/t @ 68 ft/min
		20 mt @ 30 m/min
		130 mt @ 9 m/min
		9.5 mt @ 63 m/min
		62 mt @ 21 m/min

