



## ***ENERGY 6503- U.S.C.G. Certified Oil Barge***

### **DIMENSIONS AND REGULATORY INFORMATION**

<b><u>Length:</u></b> 327 ft	<b><u>Beam:</u></b> 62 ft.	<b><u>Depth:</u></b> 19.5 ft.	<b><u>Draft:</u></b> <b><u>Max:</u></b> 17.6. ft.	<b><u>Call Sign:</u></b> N/A
			<b><u>Min:</u></b> 2.0 ft.	
<b><u>Certification:</u></b>	USCG Subchapter "D" Oceans Grade "A" Unmanned		<b><u>Official Number:</u></b> D928391	
<b><u>Classification:</u></b>	American Bureau of Shipping Oceans, Loadline, +A1		<b><u>Home Port:</u></b> Morgan City, Louisiana	
			<b><u>ABS I.D. Number:</u></b> 8800577	
			<b><u>Hull No.</u></b> 282	
			<b><u>Year Built:</u></b> 1988	
<b><u>Tonnage:</u></b>	<b><u>Gross:</u></b> 3,312 GRT	<b><u>Net:</u></b> 2,897 NRT	<b><u>Shipyard:</u></b> McDermott Shipyard-Amelia, LA	

### **CAPACITIES & DELIVERY RATES**

<b><u>Deadweight:</u></b>	7817 LT At Maximum Draft	<b><u>Cargo Tank Capacity, Max.:</u></b> 65,145 Barrels
<b><u>Cargo Tanks, Single System Configuration:</u></b>	Ten (10)	<b><u>Cargo Tank Capacity, Callibrated:</u></b> 61,000 Barrels
<b><u>Tank Segregations:</u></b> (1,3,5) (2,4)		@ 7.5 Bbls/LT
<b><u>Discharge Rate:</u></b> 5,000 BPH		<b><u>Vessel Fuel:</u></b> 2,000 USG
<b><u>Tons Per Inch of Immersion (TPD):</u></b> 48.0 LT/in.		<b><u>Oil Slops:</u></b> USG

### **HOSE MANIFOLDS**

<b><u>Cargo Manifold Connections:</u></b> Midship Port and St/bd Stern Port and St/bd	<b><u>Connection Flange Size:</u></b> 8-Inch ANSI Flange
<b><u>Vapor Recovery Connections:</u></b> Same as above	<b><u>Bow to Center Manifold:</u></b> 157.5 ft.

### **MAIN & AUXILLARY MACHINERY**

<b><u>Main Cargo Pumps:</u></b>	Multistage Goulds	<b><u>Rated Performance:</u></b> 5,000 BPH
<b><u>Main Cargo Pump Engines:</u></b>	Detroit Diesel 12V71	<b><u>Horsepower:</u></b> 340 hp
<b><u>Electrical Generators:</u></b>	Detroit Diesel 3-71	<b><u>Rating:</u></b> 50 kw
<b><u>Mooring Winches:</u></b>	N/A	<b><u>Anchor:</u></b> 2,250 # Danforth
		<b><u>Anchor Windlass:</u></b>
<b><u>Hose Crane:</u></b>	Hose Boom, Midship	<b><u>Hook Load Rating:</u></b> 2,000 Lbs.

### **FEATURES**

*Single-skin steel construction  
Vapor recovery*

*Metritape Gauging System  
Overfill Alarms*