



**M/V JB FOSTER**  
 (formerly Ram Challenger)  
**Offshore Supply Vessel**  
**Class 220' DP-1**

**DIMENSIONS and REGULATORY INFORMATION**

<b>Length (Overall)</b>	220 ft 0 in	<b>Beam</b>	44 ft 0 in	<b>Depth</b>	16 ft 0 in
<b>Gross Tonnage</b>	491 GRT	<b>Net Tonnage</b>	172 GRT	<b>Draft Loaded</b>	13 ft 6 in
	1074 ITC		340 INT		
<b>Dead Weight</b>	1461 LT				
<b>IMO</b>	9175004	<b>Official Number</b>	1052845	<b>Clear Deck</b>	140' X 33'
<b>Classification</b>	ABS Maltese Cross A-Oceans+		<b>Flag</b>	U.S.	
<b>Certifications</b>	Loadline, American Bureau of Shipping, +DP-1				

**PERFORMANCE**

<b>Max Speed</b>	13 knots	<b>Fuel Consumption:</b>	120 gal/hr 454 liters/hr
<b>Cruise Speed</b>	10 knots	<b>Fuel Consumption:</b>	75 gal/hr 284 liters/hr

**PROPULSION, MACHINERY AND STEERING**

<b>Main Engines</b>	(2) EMD 16-645-C	<b>Total Horsepower</b>	3400 HP
<b>Bow Thruster</b>	(1) KAMEWA TT 1330	<b>Total Horsepower</b>	600 HP
<b>Main Propulsion</b>	(2) Z DRIVES AQUAMASTER	<b>Liquid Mud Pumps</b>	(2) Mission Magnum 6 X 5 X 14
<b>Generators</b>	(2) GM 8V71 @ 125KW	<b>Bulk Compressor</b>	(2) Leroi S100 @ 40 PSI

**CAPACITY AND DELIVERY RATES**

<b>Fuel Oil</b>	83,600 Gallons - 1,990 BBLS	<b>Fuel Oil</b>	600 GPM @ 150 TDH
<b>Fuel Oil - Day Tanks</b>	12,000 Gallons - 286 BBLS		
<b>Drill Water</b>	120,000 Gallons - 2,857 BBLS	<b>Drill Water</b>	600 GPM @ 150 TDH
<b>Liquid Mud</b>	93,408 Gallons - 2,224 BBLS	<b>Liquid Mud</b>	1,000 GPM @ 18.0 @ 150 TDH
<b>Dry Bulk</b>	8,000 CF (6 Tanks)	<b>Dry Bulk</b>	750 CF
		<b>*Dry Bulk</b>	Capable of discharging barite & cement simultaneously
<b>Potable Water</b>	34,000 Gallons - 810 BBLS		
<b>Deck Load</b>	1024 lbs/sq ft		

**SPECIAL FEATURES**

<b>VSAT Communications</b>	Equipped with Boatracs
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**ACCOMODATIONS**

8 Air Conditioned/Heated Staterooms - Certified for 16 person berthing