



# CAPE BRETON

## 220 CLASS OFFSHORE SUPPLY VESSEL



### DIMENSIONS AND REGULATORY

<b>Length:</b>	220.0 ft.	67.1 m	<b>Beam:</b>	40 ft. 12.2 m	<b>Draft Max:</b>	11.5 ft.	3.5 m
<b>Tonnage/Gross:</b>		385 GRT	<b>Net:</b>	262 T	<b>Draft Min:</b>	7.0 ft.	2.1 m
<b>Certification:</b>	USCG Inspection			<b>O.N.:</b>	674377	<b>Call Sign:</b>	WCW9249
<b>Classification:</b>	ABS Loadline			<b>IMO:</b>	8401107	<b>ABS ID:</b>	8403488

### PERFORMANCE

<b>Speed/Consumption:</b>				<b>Bollard Pull:</b>			
Max Speed:	12.5 Kts	180 GPH	681 ℓ PH	Max Pull:	26.4 ST	29.1 MT	
Cruise Speed:	10.0 Kts	125 GPH	473 ℓ PH				

### PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x EMD 12-645-E2		<b>Rating:</b>	1,950 BHP	3,900 BHP
<b>Propellers:</b>	FPP, 4 Blade in Nozzles		<b>Size:</b>	81 in.	2,057 mm
<b>Generators:</b>	2 x GM 8V-71N		<b>Rating:</b>	125 kW	250 kW
<b>Bow Thruster:</b>	1 x Schottel, FP Tunnel		<b>Horsepower:</b>	600 HP	
<b>Rudders:</b>	Blade Type connected via Jockey Bar				

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	1,096 LT	1114 MT	<b>Deck Dim:</b>	150 ft. x 31 ft.	46 m x 19.5 m
<b>Deck Cargo:</b>	800 LT	813 MT	<b>Deck Area:</b>	4,687 ft. 2	436m2
<b>Deck Load Rating:</b>	540#/ ft.2	2.64 MT/m2			
<b>Rig Water:</b>	78,276 USG	296 m3	<b>Discharge Rate:</b>	500 GPM	114 m3/hr
<b>Potable Water:</b>	11,923 USG	45 m3			
<b>Rig Fuel Normal:</b>	50,500 USG	191 m3	<b>Discharge Rate:</b>	500 GPM	114 m3/hr
<b>Rig Fuel Max:</b>	50,500 USG	191 m3	<b>Discharge Rate:</b>	500 GPM	114 m3/hr
<b>Liquid Mud/Brine:</b>	2,496 Bbbs	397 m3	<b>Pump Type:</b>	Centrifugal	
			<b>Discharge Rate:</b>	800 GPM	181 m3/hr
<b>Dry Bulk:</b>	6,200 ft.3	176 m3	<b>System Pressure:</b>	40 psi	3 Bars
<b>Cooler:</b>	300 ft.3	8.5 m3	<b>Freezer:</b>	300 ft.3	8.5 m3

### ELECTONICS

GMDSS "A3", VHF Radios, Handheld VHF Radios, Single Side Band, Navtex, EPIRB, Public Phone System, Loudhailer, Radars, SARTs, GPS, Mag Compass, Gyro Compass, Depth Sounder, Auto Pilot, E-Mail Ability, AIS.

### ACCOMMODATIONS

8 air conditioned/heated staterooms certified for 23 person berthing.