



CAPE BRETON

220 CLASS OFFSHORE SUPPLY VESSEL



DIMENSIONS AND REGULATORY

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

PERFORMANCE

Speed/Consumption:				Bollard Pull:			
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

Main Engines:	2 x EMD 16-645-E2		Rating:	1,950 BHP	3,900 BHP
Propellers:	FPP, 4 Blade in Nozzles		Size:	81 in.	2,057 mm
Generators:	2 x GM 8V-71N		Rating:	125 kW	250 kW
Bow Thruster:	1 x Schottel, FP Tunnel		Horsepower:	600 HP	
Rudders:	Blade Type connected via Jockey Bar				

CAPACITIES AND DELIVERY RATES

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

ELECTRONICS

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.