



HOS ARROWHEAD

250 EDF CLASS "NEW BREED"

OFFSHORE SUPPLY VESSEL



250 EDF Class

DIMENSIONS AND REGULATORY INFORMATION

Length:	250 Ft 76.2 m	Beam: 54Ft	16.5m	Draft Max:	14.7 Ft	4.5 m
Tonnage /Gross:	1997 GRT	Net: 658		Draft Min:	8 Ft	2.4 m
Certification:	USCG Subchapter "I/L", Oceans-SOLAS, SIP			O.N.:	TBD	CALL SIGN: TBD
Classification:	ABS +A1 OSV, +AMS, +ACC, +DPS-2, Loadline			IMO:	TBD	ABS ID: TBD

PERFORMANCE

Speed / Consumption:		Bollard Pull:	
Max Speed:	14 Kts 250 GPH 946.3 l PH	Max Pull:	55.0 ST 49.9 MT
Cruise Speed:	10 Kts 90 GPH 340.7 l PH		

PROPULSION, MACHINERY AND STEERING

Main Engines:	2 x Caterpillar 3516 C	Horsepower:	3,000 BHP	6,000 BHP
Propellers:	CPP, High Efficiency, 4-Blade	Size:	106 in.	2,700 mm
Generators:	3 x Caterpillar C18	Rating:	340 kW	1020 kW
Emergency Generator:	1 x Caterpillar C4.4	Rating:	99 kW	
Bow Thruster:	2x Brunvoll CPP Tunnel	Horsepower:	950 HP	1,900 HP
Stern Thruster:	1x Brunvoll CPP Tunnel	Horsepower:	950 HP	950 HP
Rudders:	Schilling Fishtail; Independent Steering	Power Generation:	480/60/3	

CAPACITIES & DELIVERY RATES

Deadweight: Estimated	2850 LT	2,896 MT	Deck Dim:	185 Ft x 45 Ft	56 m x 14 m
Deck Cargo:	1,800 LT	1,829 MT	Deck Area:	8,325 Ft ²	773 m ²
Deck Load Rating:	1,024 #/Ft ²	5 T/m ²			
Rig Water:	309,741 USG	1,172 m ³	Discharge Rate:	660 GPM	150 m ³ /hr
Potable Water:	30,852 USG	117 m ³	Discharge Rate:	660 GPM	150 m ³ /hr
Rig Fuel Normal:	153,122 USG	580 m ³	Discharge Rate:	660 GPM	150 m ³ /hr
Rig Fuel Max:	454,994 USG	1,722 m ³	Pump Type:	Positive Displacement	
Liquid Mud/Brine:	8,270 Bbls	1,315 m ³	Discharge Rate:	814 GPM	185 m ³ /hr
Dry Bulk:	6,240 Ft.3	177 m ³	System Pressure:	80 psi	6 bar
Cooler:	400 Ft.3	11 m ³	Freezer:	400 Ft.3	11 m ³
Off Ship Firefighting:	One (1) Monitor		Flow Rate:	3,000 GPM	681 m ³ /hr

ELECTRONICS

GMDSS "A3", VHF Radios, Handheld VHF Radios, Navtex, EPIRB, Public Phone System w/loudhailer, X-band Radars, SARTs, DGPS w/AIS, Mag Compass, Gyro Compass, Depth Sounder, Windbird, Joystick Control, Auto Pilot, DSDL, AIS, SSAS, L-3 NMS 6000, Cyscan, C-Nav, MAMS/VMS, CCTV Cameras

ACCOMMODATIONS

11 air conditioned/heated staterooms certified for 24 person berthing.

SPECIAL FEATURES

FIFI , Deck Crane