



220-Foot Class DP 2 Offshore Supply Vessels **Bison**

Main Specifications:

Length	220'
Beam	48'
Depth	16'
Light Draft	8'
Loaded Draft	16'

Capacities:

Ballast/Drill Water	89,000 gal
Fuel	112,200 gal
Liquid Mud	4,280 barrels
Dry Bulk	5400 Ft ³
Potable Water	7,800 gal
Waste Oil	2,000 gal
Hydraulic Oil	400 gal
Lube Oil	1200 gal
Deadweight	1,630 LT

Cargo Deck:

Tonnage	1200 LT
Strength (lbs/sq-ft)	540
Length	146'
Width	40'
Clear Space (W)	5,840 sq ft

Tonnage:

Gross Tonnage	98
Net. Tonnage	67

Electronics and Controls:

GYRO Compas	3
Depth Recorder	1
Dynamic Positioning	Marine Technologies
DP References	1- Cyscan, 2 DGPS
GPS	2
Wind Tracker	3
Main Engine Controls	Local and Bridge
Radar	(2) Furuno
Radio System	1
VHF	3

Machinery:

Main Engines	(2) Cat 3512-B-HD
Brake HP	1911 each
Propulsion	Diesel
Generator	(2) C-32
Generator Drives	910 kW Total Rating
Bow Thrusters	(2) Omega 450 HP each
Stern Thrusters	(2) Omega 300 HP
Thruster Drive Engine	Electric
Rudders	Spade

Performance:

Maximum Speed	13.5 knots
Cruising Speed	11 knots
Maximum Fuel Consumption	125 USG/Hr
Cruising Fuel Consumption	100 USG/Hr

Discharge Rates:

Drill Water	400 USG/min @ 260 ft
Fuel	400 USG/min @ 260 ft
Liquid Mud	700 USG/min @ 150 ft
Potable Water	400 USG/min @ 80 ft
Dry Bulk	80 psi

Accommodations:

Cabins/Berths for Crew and Passengers	29
Passenger Seating	36

Special Equipment:

Survival Craft	6ea -16 person Life Floats
Rescue Boat	N/A
Bulk Compressors	Leroy Comp Air
Oil Water Separator	N/A
Welding Machine	N/A
Sewage Treatment	N/A

Documentation:

Class	ABS Class *DPS-2, *A1, circle e, *AMS
Flag	USA
USCG	Sub L, OSV
Official Number	1259155