

190' DP-2 PSV SEACOR COLUMBUS



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VESSEL PARTICULARS

LENGTH OVERALL	190.00 ft.	58.30 m
LENGTH BP	182.00 ft.	55.47 m
BEAM	48.00 ft.	14.63 m
DEPTH	16.00 ft.	4.88 m
LIGHT DRAFT	8.00 ft.	2.44 m
LOADED DRAFT	13.53 ft.	4.12 m
SUMMER FREEBOARD	2.55 ft.	0.78 m
LIGHTSHIP	983.00 LT.	999.00 MT.

CAPACITIES

FRESH WATER	109,283 USG	414 m ³
SHIPS FRESH WATER	14,098 USG	53 m ³
FUEL	113,295 USG	429 m ³
LIQUID MUD	4,632 BBLS	736 m ³
DRY BULK	5,000 ft. ³	141.58 m ³
DEADWEIGHT	1,625 LT.	1,651 MT.

CARGO DECK

TONNAGE	800 LT.	813 MT.
LENGTH	136 ft.	41.5 m
WIDTH	40 ft.	12.2 m
CLEAR AREA	5,440 ft. ²	505.4 m ²

TONNAGE

GRT	98 US tons	1,111 tons
NRT	67 US tons	333 tons

MACHINERY

MAIN ENGINES	2 x Caterpillar 3512 B	
BRAKE HORSEPOWER	3822 HP	
REDUCTION GEARS	MGX 5600 Twin Disc	
GEAR RATIO	5.00:1	
PROPELLERS	2 x 5 Blade, 70 inch pitch, Bronze	
RUDDERS	2 x Single Blade	
AUXILIARY GENERATORS	3 x Caterpillar C-18, 550 kW each	
BOW THRUSTERS	2 x Bow, 1 x Stern, Tunnel, Schottel, 450 HP	

PERFORMANCE

MAXIMUM SPEED	13 knots	
CRUISING SPEED	12 knots	
MAXIMUM FUEL CONSUMPTION	185 USG/Hr	16.8 m ³ /24 Hrs
CRUISING FUEL CONSUMPTION	165 USG/Hr	15 m ³ /24 Hrs

DISCHARGE RATES

CARGO FRESH WATER	600 USG/min @ 220 ft.	136 m ³ /Hr @ 67 m
FRESH WATER	300 USG/min @ 200 ft.	68 m ³ /Hr @ 61 m
LIQUID MUD	1000 USG/min @150 ft.	228 m ³ /Hr @ 46m
FUEL OIL	300 USG/min @ 200 ft.	68 m ³ /Hr @ 61 m
DRY BULK	750 ft. ³ /min @ 80 psi	21 m ³ /min @ 5.5 bar

ACCOMODATIONS

CABINS/BERTHS	8/20
OFFICERS	2
CREW	2
LOUNGE	10
MESS	10

ELECTRONICS & CONTROLS

NAVIGATION PACKAGE	Furuno
ENGINE CONTROL	Twin Disc, EC-300
DGPS	Bridge Mate C-Nav 2050G & C-Nav 1000
GYRO	Marine Technologies Bridge Mate DP2
DYNAMIC POSITIONING	Marine Technologies Bridge Mate DP2
DP REFERENCES	2 x DGPS, CyScan
RADAR	2 x X-Band Furuno, 120 NM, 53 cm LCD Display
INTERNET EMAIL	VSAT / Globe Iridium
WEATHER RADIO	XM Weather
STEERING	Jastram

SPECIAL EQUIPMENT

EXTERNAL FIFI	1000 GPM	227.1 m ³ /hr
NUMBER OF MONITORS	1	

DOCUMENTATION

CLASS	ABS, ✱A-1, AMS, ABS DPS-2, Full Oceans Load Line
FLAG	USA
SOLAS	Full
USCG	Subchapter L
YEAR BUILT	2007
BUILDER	Master Boat Builders, Inc.

This specification is preliminary and subject to change without notice. Exact tank capacities, deadweight, deck cargo capacity and other figures that have been calculated may change when the actual vessel is delivered.