



# Loren C

## Versatile Offshore Vessel Built for Global Missions

- 225' DP-1 supply vessel with A-Frame and portable accommodations module
- Proven track record in ROV/AUV/UUV projects, aerospace, deepwater, and military operations
- Largest clear deck in fleet (148'x44') allows for full mission customization with 10 ton A-frame 24' Wide 20' Tall.

Loren C is a 225' DP-1 offshore supply vessel that has been customized to specialize in a variety of operations and compliant for international operations. She's equipped with an A-Frame, portable accommodations module, and has been utilized extensively on sub-sea ROV/AUV/UUV projects, aerospace operations, offshore deepwater deployments and recoveries,

transportation of sensitive cargo, marine construction, and military drills/testing. Her clear deck space of 148'x44' is the largest of our offshore fleet and allows the vessel to be customized to suit customer's needs.



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# M/V Loren C

Supply Boat: **225' PSV | DP-1**

Official Number: 1193859

IMO: 9383792



## SPECIFICATIONS

**VESSEL NAME:** Loren C  
**LENGTH OVERALL:** 225 ft. 68.6 m  
**BEAM:** 48 ft. 14.6 m  
**DEPTH:** 16 ft. 4.9 m  
**DRAFT: (LIGHT)** 6 ft. 1.8 m  
**DRAFT: (LOADED)**  
 13 ft. 4 3/16 in. 4.1 m  
**DEADWEIGHT:** 2,488 tons 2,528 mt

## CONSTRUCTION

**HULL:** Steel  
**SUPERSTRUCTURE:** Steel

## PERFORMANCE

**SPEED: (MAXIMUM)** 13 knots  
**SPEED: (CRUISING)** 12 knots  
**FUEL CONSUMPTION:**  
 (MAXIMUM)  
 84 gal/hr. 382 l/hr.  
**FUEL CONSUMPTION:**  
 (CRUISING) 80 gal./hr. 364 l/hr.

## DECK CARGO:

**DECK DIMENSIONS** 148 ft. x 44 ft.  
 45.1 m x 13.4 m  
**DECK AREA:** 6,512 sq. ft. 605.0 m<sup>2</sup>

## CAPACITIES

**DRILL/POTABLE WATER:**  
 134,400 USG 508.8 m<sup>3</sup>  
**FUEL:** 118,000 USG 446.7 m<sup>3</sup>  
**BULK MUD:**  
 (6) 1,000 cu. ft. (6) 28.3 m<sup>3</sup>

## TRANSFER / DISCHARGE RATES

**BALLAST/DRILL WATER:**  
 400 GPM at 280 ft. 1,818 LPM at 85.3 m  
**FUEL:** 400 GPM at 280 ft. 1,818 LPM at 85.3 m  
**LIQUID MUD:** 700 GPM at 240 ft. 3,182 LPM at 73.1 m  
**POTABLE WATER:**  
 400 GPM at 280 ft. 1,818 LPM at 85.3 m  
**DRY BULK:** 80 PSI System - 20.82 m<sup>3</sup>/hr.

## ACCOMMODATIONS

**CABINS/BERTHS:** 5/16  
**BERTHING:** 12 Industrial Personal  
**MESS:** 10  
**LOUNGE:** 1  
**HEADS:** 4

## DYNAMIC POSITIONING

**SYSTEM:** Beier INCS-2000  
**CLASS:** DP-1

## MACHINERY

**MAIN ENGINES:** (2) Caterpillar 3516 at 2,000 BHP  
**Z-DRIVES:** (2) Rolls Royce 360° Azimuth Thrusters  
**GENERATORS:** (2) Cummins K-19 at 563kW  
**BOW THRUSTERS:** (1) SMI  
**BOW THRUSTER ENGINE:**  
 (1) Cummins QSK 19M at 660 BHP  
**LIQUID MUD PUMPS:**  
 (2) 200 HP Mission Magnum 5x4x14  
**CIRCULATING PUMPS:**  
 (3) 40 HP Mission Magnum 4x3x12  
**BULK COMPRESSOR:** Comp Air Leroi  
**EMERGENCY GENERATOR:**  
 (1) John Deere at 99 kW  
**FIRE MONITOR:** 1,900 GPM

## ELECTRONICS

**RADAR:** (2) Furuno FR-8122  
**GPS:** (2) MX Marine MX 240  
**AUTOPILOT:** Beier INCS-2000  
**VHF:** (2) Furuno FM-8800s, ICOM 640, & ICOM IC M504  
**AIS:** Furuno FA-150  
**DEPTH SOUNDER:** Furuno FCV620  
**GMDSS:** Furuno RC-1815, Cyscan, & RadaScan  
**EMAIL & COMMS.:**  
 Oceans Mail & KVH VSAT Broadband  
**ELECTRONIC CHARTS:** Maptech Navigator Pro

## SPECIAL EQUIPMENT / FEATURES

**A-FRAME:** 10 ton A-frame 24' Wide 20' Tall  
 Beier Engine Alarm  
 Rescue Boat  
 Electric Welding Machine  
 McMurdo Lifeboat VHF  
 Sentinel Engine Monitoring System

## DOCUMENTATION - CERTIFICATION

**OPERATOR:** Curtin Maritime, Corp.  
**DELIVERED:** 2007  
**BUILDER:** Thoma-Sea Ship Builders, LLC  
**FLAG:** USA  
**CLASSIFICATION:** USCG Certified,  
 Dual Subchapter: L/I  
**ABS:** Load Line, DP-1  
**OFFICIAL NO.:** 1193859  
**TONNAGE:** 996 Gross, 677 Net



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