MPSV CHESTER MORRISON

DP2 SATURATION MULTIPURPOSE SERVICE VESSEL

VESSEL CLASS 265 Class
NUMBER OF BERTHS 60
DYNAMIC POSITIONING DP2
FLAG US / Jones Act Compliant



SPECIFICATIONS

- **LENGTH**
  260 ft
- **BEAM**
  60 ft
- **DECK AREA**
  2,000 ft² usable clear deck space for project specific use
- **DECK LOAD RATING**
  1,024 lbs/ft²
- **MAX DRAFT**
  16 ft 9 in
- **MIN DRAFT**
  8 ft 6 in
- **GROSS**
  2,520 GT
- **NET**
  756 NT
- **GALLEY / MESS SEATING**
  30 personnel
- **IMO**
  9246865
- **O.N.**
  1124424
- **CERTIFICATIONS**
  Oceans-SOLAS,
  USCG Subchapter I,
  USCG Subchapter L
- **CLASSIFICATIONS**
  American Bureau of Shipping, Loadline, +A1, +AMS, +DPS-2

CRANE SPECIFICATION

- **MODEL**
  Nautilus 340 BT-50/70 Marine Crane
  33 T at 25 ft radius (dynamic rating in accordance with crane load charts)
- **OFFSHORE LIFTING CAPABILITIES**
  Dynamic offshore over-the-side lifting
  Boom length: 50 ft (retracted) / 70 ft (extended)
  Dual block systems (main and auxiliary)
  Personnel Transfer Capabilities
- **TONNAGE / WIRE LENGTH**
  (Dynamic Offshore Lift Configurations)
  1-part: 7.5 T & 2,000 ft wire
  2-part: 16.8 T & 1,000 ft wire
  4-part: 33.3 T & 500 ft wire

PERFORMANCE

- **MAX SPEED**
  12.5 kts
- **CRUISE SPEED**
  10.8 kts

TANK CAPACITIES

- **POTABLE WATER**
  133,000 US gallons
- **FUEL**
  173,500 US gallons

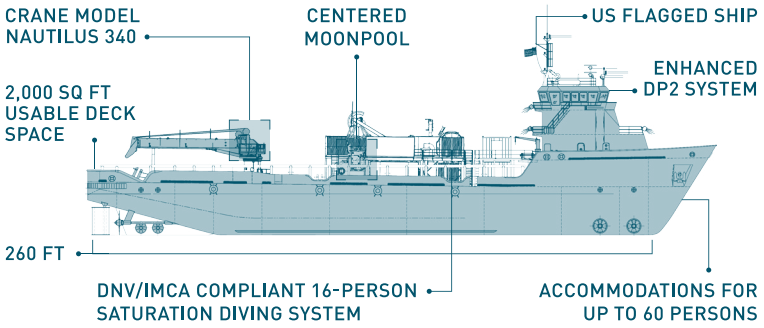
PROPULSION, MACHINERY & STEERING

- **MAIN ENGINES**
  2 x Caterpillar 3608 (6,780 hp)
- **PROPELLERS**
  CPP, High Efficiency, 4-Blade
- **SHAFT GENERATORS**
  2 x Main Engine Driven (4,000 kw)
- **PRIMARY GENERATORS**
  3 x Caterpillar 3406 (960 kw)
- **BOW THRUSTER**
  2 x Brunvoll CPP Tunnel (1,760 kw)
- **STERN THRUSTER**
  2 x Brunvoll CPP Tunnel (936 kw)

COMMUNICATIONS

- **DUAL STARLINK SYSTEMS**
  (Port / Starboard)
  Supporting high-speed internet, data transfer, and voice communications

A BREAKTHROUGH IN DEEPWATER OPERATIONS



SATURATION & SURFACE DIVING SYSTEMS

- **DNV CLASSED SATURATION DIVING SYSTEM**
  Rated to 1000 FSW
- **MAXIMUM MANNING LEVEL IN CHAMBERS**
  16 persons in 3 chambers (split saturation capabilities)
- **SELF-PROPELLED HYPERBARIC LIFEBOAT (SPHL) CAPACITY**
  18 persons
- **DNV AND IMCA COMPLIANT COME OUT CHAMBER**
  4-person max compression
- **IMCA D023 COMPLIANT SURFACE DIVING SYSTEM**
  Dual Unique LR50 LARS Systems
- **MAXIMUM NUMBER OF DIVERS IN BELL**
  3 persons
- **CENTERED MOONPOOL**

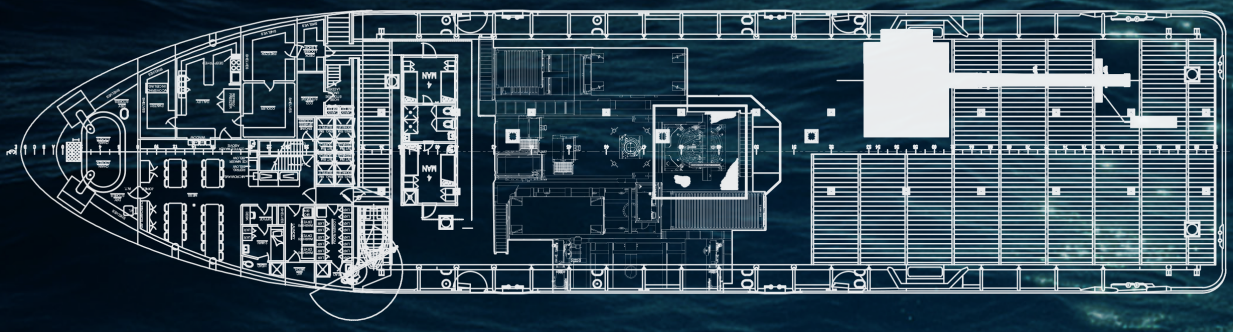
DYNAMIC POSITION & REFERENCE SYSTEMS

- **DP SYSTEM:** Beier Radio IVCS 4000 DP-2
- **DGNSS:** Fugro Seastar 9410-AUT
- **LASER BASED REFERENCE:** Wartsila Cyscan AS
- **RADAR BASED REFERENCE:** Kongsberg Radius
- **TAUTWIRE:** SMT TW-1.1
- **ACOUSTIC REFERENCE:** Kongsberg HiPAP 452

ROV

- **WORK CLASS OR OBSERVATION CLASS ROV SYSTEMS AVAILABLE**

**Morrison welcomes discussions on reasonable modifications to meet unique project requirements.*



MORRISON
DELIVERING ENERGY

For more information, visit
CHESTERMORRISON.COM

REV 10/27/26