

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**
4,392 ft²
- ▶ **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

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 (2,400 hp)
- ▶ **STERN THRUSTER**
2 x Brunvoll CPP Tunnel (1,200 hp)

PERFORMANCE

- ▶ **MAX SPEED**
12.0 kts
- ▶ **CRUISE SPEED**
10.0 kts

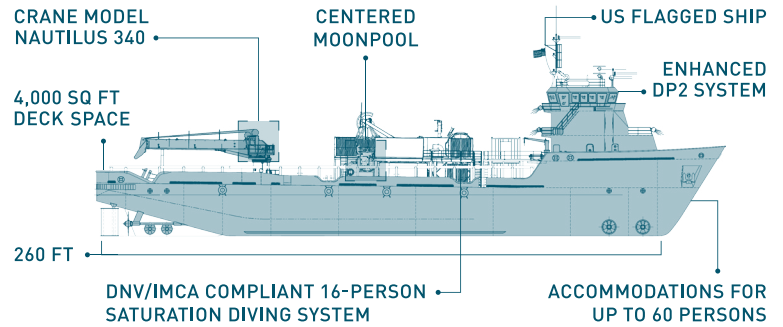
TANK CAPACITIES

- ▶ **POTABLE WATER**
132,000 US gallons
- ▶ **FUEL**
170,000 US gallons

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.*

