

MPSV CHESTER MORRISON

DP2 SATURATION MULTIPURPOSE SERVICE VESSEL

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



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 MOON POOL

ROV

- ▶ WORK CLASS OR OBSERVATION CLASS
ROV SYSTEMS AVAILABLE

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: Ashtead Tautwire
- ▶ ACOUSTIC REFERENCE: Kongsberg HiPAP 452

CRANE SPECIFICATION

- ▶ MODEL
Nautilus 340 BT
33 T at 25 ft radius
- ▶ TONNAGE / WIRE LENGTH
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

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
- ▶ IMO
9246865
- ▶ O.N.
1124424
- ▶ CERTIFICATIONS
Oceans-SOLAS,
USCG Subchapter I,
USCG Subchapter L
- ▶ CLASSIFICATIONS
American Bureau
of Shipping, Loadline,
+A1, +AMS, +DPS-2

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

