

## M/VGO FREEDOM

### 150' Class DP1 Supply Vessel Specification Sheet



#### HULL SPECIFICATIONS

- Length Overall: 150'
- Beam: 36'
- Depth: 12'
- Draft Max: 10'
- Clear Deck: 90' x 30'

#### ACCOMMODATIONS

- Certified to Carry: 20
- Cabins/Berths: 6 / 18
  - International (12)
- Walkin Cooler: Yes
- Commercial Ice Freezer: Yes

**PROPULSION**

- **Main Engines:** 2 x Cat 3508
- **Total HP:** 1,700 HP @1,200 rpm
- **Reduction Gears:** Twin Disc
- **Generators:** 2 x150kW, 480vt
- **Bow Thruster:** 300 Cat, Diesel Driven

**CAPACITIES**

- **Deck Cargo:** 335 LT
- **Potable Water:** 10,000 usg
- **Fuel:** 26,000 usg / 78,000 usg\*
- **Ballast Water:** 52,000 usg
- **Liquid Mud:** 1,250 bbls
- **Methanol:** 36,000 usg

\* Fuel Capacity When Utilizing Liquid Mud Tanks

**ELECTRONICS**

- **Radars:** 2 x Furuno
- **Auto Pilot:** Beier Integrated Systems
- **GPS (Navigation):** 2 x Furuno
- **Echo Sounder:** Yes x 1
- **VHF Radios:** 3 x VHF
- **Dynamic Positioning:** Kongsberg
- **DP Reference System:** DGPS
- **Electronic Plotter:** Yes
- **Sat Communication:** Vsat / DirecTV

### SPECIAL EQUIPMENT

- **Fire Monitor:** Yes
- **Steering Gear:** Dual Independent, Dual Ram Rudders Integrated with DP control and Redundant HPU
- **Removable Bulwarks:** 10' Starboard side, 3' Port side
- **FRCw/Davit:** USCG / SOLAS 4m Rescue Boat with 40 hp outboard

### OPTIONAL EQUIPMENT & SERVICES

- **Triton 1000/2:** (2) ABS class, LED lighting, USBL Tracking/Navigation, manipulator arm, digital photography/video system, 305m max depth
- **Triton 3300/3:** (2) ABS class, LED lighting, USBL Tracking/Navigation, manipulator arm, digital photography/video system, 1000m max depth
- **DECO Chambers:** 54-inch and 60-inch DDC
- **Portable Dive Locker:** 20' Conex, with Halcyon Dive Systems gear for (6) Exploration Divers
- **Portable Deck Generator:** 97Kw diesel, 460v, 60Hz, 3-phase w/Hubbell 4100R7W cable connector
- **Mixed Gas Dive System:** NITROX/TRIMIX Maker, BAUER HP Compressors, Boost Pumps and Twin-tank/Rebreather support equipment
- **Diver Propulsion Vehicles:** 8 long-range tow-behind Halcyon Dive Vehicles (SUEX); 3- and 5-mile range at 500Fsw operating depth. Speed: 200-375 Ft Per Min
- **Camera Equipment:** Underwater Video, Still, Laser Scale, Benthic and Stereo Camera Systems

