6-Man Portable Saturation Diving System
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Project Capabilities

» Platform & Rig Inspection
» Damaged Platform Structure Repairs
» Platform & Well Abandonment
» Well Conductor Cutting & Recovery
» Pipeline Re-Route & Subsea Tie-In
» Pipeline Repair & Remediation
» Site Clearance & Debris Recovery

Features

» American Bureau of Shipping (ABS) Classed, 1,000 fsw Rated Saturation Diving System
» Hyperbaric Rescue Chamber with Self Contained, Tilt Launching System
» Over the Side or Moonpool Deployed Diving Bell & Bell Handling System
» Diver Reclaim (Gas Cost Savings)
» PDC Gas Transfer Compressor Enables Depth Changes & Reduces Gas Storage Space
» Gas Blender - Capable of Mixing Diving Gases Onsite
» Multiple Chambers Allows Split Level Diving & Decompression of Divers while Remaining Team Continues Work at Depth, Maximizing Efficiency
» Secondary Guide Wire / Recovery Winch Provides Immediate Emergency Recovery System
» Excellent Safety & Performance Track Record
## Specifications

### Components
- Design Depth 1,000 fsw - ABS Classed
- Mollerodden 4-Man Split Lock Chamber with Entrance Lock (DDC1)
- 2-Man Hyperbaric Chamber (DDC2)
- Diving Bell Perry Submarine Builders
- Hyperbaric Rescue Chamber (8 man) With Self Contained Launch System
- Bell Handling System
- Entrance Lock
- Hydraulic Winch - Main Umbilical 1,200 ft
- Gas Reclaim System
- PDC Gas Transfer Compressor, 3,500 psi @ 30 SCFM
- Gas Blender
- Stored Energy Accumulator System for HRC Emergency Launching During Power Loss

### Host Electrical Requirements
- Total Amperage @ 480 V AC
  - Electric Van 400 amps
  - Hot water Van 215 amps
  - Compressor Van 65 amps
  - Dive Control Van 150 amps
  - Rigging Van 5 amps
  - Total Amperage 835 amps

### Host Utility Requirements
- Freshwater 20 gpm
- Sea Water 60 gpm
- LP Air for Tooling 120 psi, 300 CFM

### System Dimensions
- Bell 7.4 ft x 7.2 ft
- DDC 1 18.6 ft x 8.9 ft
- DDC 2 10.4 ft x 9.2 ft
- HRC 11.2 ft x 10.8 ft

### Weight
- Bell 8,100 lb
- DDC 1 36,000 lb
- DDC 2 27,000 lb
- HRC 28,000 lb