



SATURATION DIVING SYSTEM

SAT VI

The CCC (Underwater Engineering) SAT VI Saturation Diving System is ABS Classed and is designed for operations down to a maximum depth of 200 m. The system can accommodate 6, 9 or 12 divers in order to achieve 24 hour back-to-back diving operations. SAT VI comes with its own Self Propelled Hyperbaric Lifeboat (SPHL), designed to evacuate divers in saturation should the marine spread be at risk from fire or sinking. Being composed of modules, SAT VI can support a wide range of subsea operations, ranging from heavy to light saturation. SAT VI complies with IMCA Guidelines (IMCA D018 & IMCA D024).



SYSTEM HIGHLIGHTS

- ▲ Maximum working depth of 200 m.
- ▲ Capacity to hold six, nine or twelve men in saturation, single or double DDC each 6 man chamber. System includes 3 man diving bell.
- ▲ System includes a 12 Diver + 4 Crew, Self Propelled Hyperbaric Lifeboat (SPHL).
- ▲ System can be configured in a variety of ways (i.e. in line, side by side or at right angles).
- ▲ A-Frame launch system for the diving bell (SWL 12 Tons).
- ▲ Area occupied by the SAT system is approximately 255 m² (inclusive of all auxiliary equipment).

SYSTEM SPECIFICATIONS

DDC SPECIFICATIONS

Year of Manufacture:	2015
Working Pressure:	20 Bar
Over Test Pressure:	30 Bar
Internal Diameter:	2133 mm
Volume:	24.1 m ³
Personnel Capacity:	6 Man
Quantity:	2 Nos.

DIVING BELL

Year of Manufacture:	2015
Design Depth:	200 meters
Working Pressure:	20 Bar
Over Test Pressure:	30 Bar
Personnel Capacity:	3 Man
Volume:	6 m ³
Length:	2450 mm
External Diameter:	1945 mm

BELL LAUNCH AND RECOVERY SYSTEM

Type:	A-Frame
Winch Capacity:	12 Tons
Wire O/D:	36 mm

BELL MAIN UMBILICAL

Length:	250 m
Umbilical O/D:	118 mm

UMBILICAL SERVICES

- 4 x 1/4" Pneumo Lines
- 2 x 1/2" Gas Supply Lines
- 1 x 3/4" Reclaim Line
- 1 x 3/4" Hot Water Line
- 1 x 3/4" Exhaust Line
- 4 x Mini TV Cables
- 2 x Power Cables
- 2 x 14 Core Communication Cables

SELF-PROPELLED HYPERBARIC LIFEBOAT (12 DIVERS + 4 CREW)

Year of Manufacture:	2015
Type:	1050
Design Pressure:	31.4 Bar
Test Pressure:	47.1 Bar
Personnel Capacity:	16 Man
Life Support:	Independent
Volume of Chamber:	8.4 m ³
Manufacturer:	Oceanwide S.A.S.

LIFE SUPPORT / ENVIRONMENT SYSTEM

- Oxygen Analyzers
- Carbon Dioxide Analyzers
- Hydrocarbon Dioxide Analyzers
- Chillers
- Scrubbers
- Sanitary Facilities
- Reclaim System
- 2 x Hot Water Machines

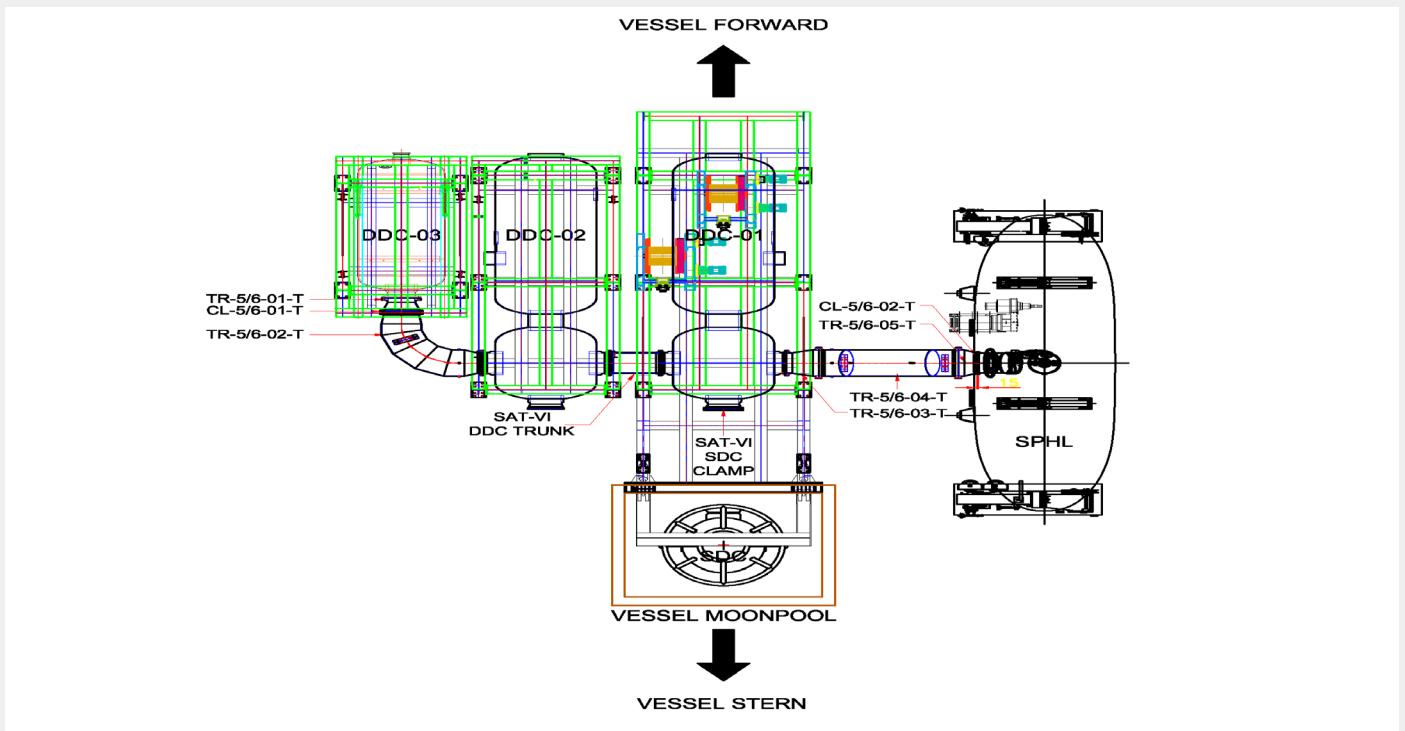
SYSTEM POWER REQUIREMENTS

415V~440V, 3 , 50/60 Hz, 415 kW

EMERGENCY POWER REQUIREMENTS FOR BELL RECOVERY

415V~440V, 3 , 50/60 Hz, 180 kW

SYSTEM LAYOUT



Note: The technical specifications presented within this document are subject to change without prior notification. The information presented within this document are believed to be correct, but no guarantees of accuracy can be given.