

Saturation Fly Away Diving System (SAT FADS)

The U.S. Navy's Saturation Fly-Away System (SAT FADS) is a portable 1,000-ft saturation diving system for use on suitable vessels of opportunity. It consists of deck decompression chambers (6-person living chamber and transfer chamber), 3-person diving bell, hyperbaric life-support equipment, system control center, and a man-rated handling system.

SAT FADS gives the U.S. Navy the ability to rapidly deploy a Navy certified saturation diving system anywhere in the world. Phoenix designed and integrated the system building on our work with rapidly deployed ROV systems and supporting the U.S. Navy's Supervisor of Salvage and Diving (SUPSALV). The result is a saturation diving system that can work off hundreds of vessels around the world while meeting the Navy's strict safety requirements.

- Main Deck Decompression Chamber (which includes 6-person living quarters and air lock)
- 3-Man Diving Bell
- Bell Handling System
- Bullet Control Van
- (2) Auxiliary Support Equipment Vans
- Built to ABS, U.S. Navy, det Norske VERITAS (DNV) and ASME standards, SAT FADS system requires only 40 feet x 70 feet of deck space.

Contact us to learn more

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