



## PHOENIX DELIVERS SATURATION DIVING SYSTEM TO U.S. NAVY

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Washington, DC -- Phoenix International Holdings, Inc. (Phoenix) designed, developed and delivered a portable, 6-man, 1,000 foot depth capable, saturation diving system to the U.S. Navy. The Saturation Fly-Away Diving System (SAT FADS) was procured by the Naval Sea System Command's Office of the Supervisor of Salvage and Diving (SUPSALV) and delivered to the Naval Experimental Diving Unit (NEDU), Panama City, FL. SUPSALV and NEDU are currently conducting manned certification testing of the system, and successfully deployed divers out of the diving bell pier-side on December 2, 2010.



SAT FADS will provide a critical saturation diving capability to support Navy salvage and recovery operations around the world. The system is designed to be deployed using military or commercial aircraft and commercial over-the-road tractor trailers, and can be installed on any suitable commercial vessel of opportunity. SAT FADS will support 6 divers to depths of 1,000 feet sea water (fsw) for 30 days. The entire system requires 40 feet x 70 feet of deck space and consists of five major components: a main deck decompression chamber, a 3-man diving bell, the bell handling system, a control van, and two auxiliary support equipment vans. Living quarters are located in the decompression chamber. System testing will continue through additional operational evaluations, a series of manned dives pier-side, and culminate with a 1,000 foot deep ocean saturation dive in 2011.

Phoenix was the prime contractor responsible for the design, fabrication, integration, and unmanned testing of the system. The system has been designed and fabricated to Det Norske Veritas and NAVSEA manned diving system certification requirements. Assistance from our subcontractors was vital to the completion of the system: Silvan Industries, Inc., Caley Ocean Systems, Val-Fab, Inc., TrimMaster, OceanWorks International, Highstar Industrial Technologies, General Dynamics Information Technologies, Unique Hydra (Pty) Ltd., MOOG Components Group Halifax Operations, Cortland Fibron BX Limited, Amron International, Inc., and Divex Ltd.

Phoenix provides manned and unmanned underwater operations, design engineering, and project management services to clients in the defense, offshore oil & gas and other ocean-interest industries worldwide. Expertise is available from six regional offices in the areas of wet and dry hyperbaric welding, conventional and atmospheric diving, and robotic systems and tooling. Our capabilities are directed to underwater inspection, maintenance and repair; deep ocean search & recovery; submarine rescue; construction; subsea tieback; plug & abandonment; archaeological and documentary projects.

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