

## SEABED CPT SYSTEM

Gregg Drilling has developed a full scale deep water Seabed Cone Penetration Testing (CPT) system. Utilizing a patented hydrostatically compensated cone, Gregg's Seabed CPT is capable of working in water depths of up to 3,000 meters with a high level of accuracy. The underwater system incorporates Schilling Telemetry and high-quality robotic components to ensure efficient operation and exact placement.

With a submerged weight of only 5 tons, Gregg's custom designed Seabed CPT can achieve a reaction force of up to 20 tons. This allows the unit to stay lightweight and portable, yet achieve the same capabilities of other large frame submersible systems.

The Seabed CPT pushes the standard 10 and 15 cm<sup>2</sup> cones as well as T-bar tests. The system can also push a thin-walled piston sampler to obtain high-quality undisturbed samples in the upper 6 meters of sediments. For deeper sampling, Gregg offers jumbo piston core samplers up to 20 meters in length.



20 ton Seabed CPT unit.



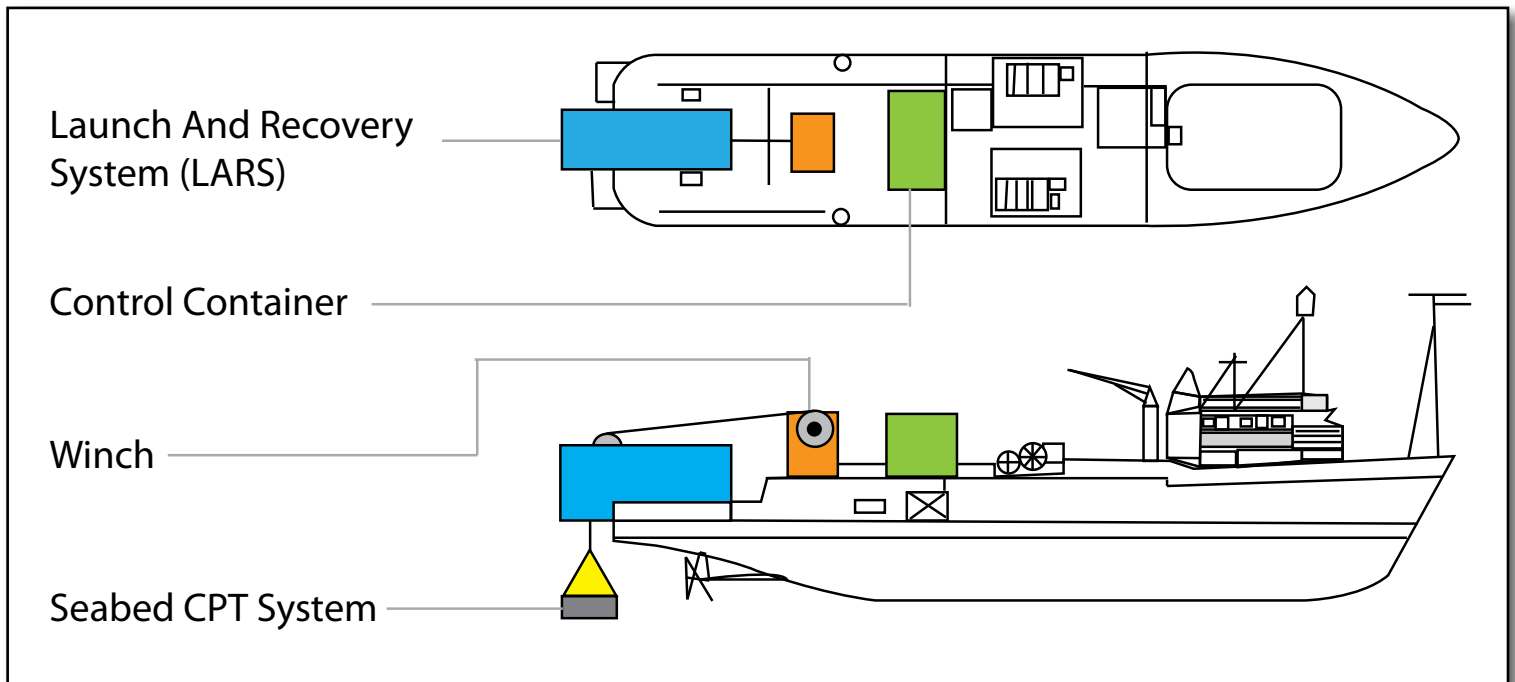
Operator inside containerized control unit.



Launch and recovery system (LARS).

## Specifications:

Operating System	Handled via umbilical and LARS
Power/Hydraulics	Sub-sea
Measured Parameters	Depth, tip resistance, friction sleeve stress
Cone Size	10 and 15 cm <sup>2</sup> (hydrostatically compensated)
Weight of Seabed Frame	Approximately 5 tons
Thrust Capacity	20 tons
Depth Capability	50 meters
Water Depth Range	Up to 3000 meters



### Minimum vessel requirements:

- DP1 station holding capacity
- 21 meters x 9 meters (70' x 30') clear deck space



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