



Remote Operated
Technology

SEAFLOOR DRILL

Advantages

Specifically designed small footprint and optimized spread for floating wind developments

- Quick and competitive mob/demob costs with up to half the time and a fraction of the cost when compared to other similar competitive technologies and drill ships
- Flexibility on vessel and mobilization port selection
- Increased flexibility during launch and recovery operations

Decoupled from vessel = **reduced downtime**

- Vessel is free to adjust and move, therefore greatly reducing weather downtime
- No requirement for the vessel to remain stationary means reduced DP thruster operations, resulting in highly reduced exclusion zone to marine life and downtime

Robotic system = **high productivity & safety**

- Made of hydraulics and electronics only, the system poses virtually no risk to the environment in very unlikely event of malfunction
- Fully automated operation with minimal operator interference resulting in safer and more efficient operations

Adaptability: Operating from 0 to 4,000m, the Seafloor Drill can quickly adapt to extreme marine, meteocean and geological environments

Remote Operation:

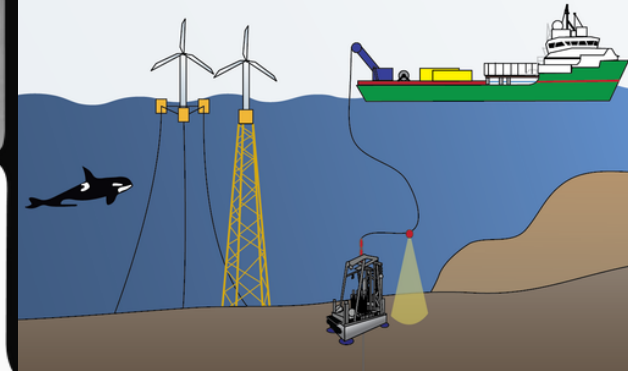
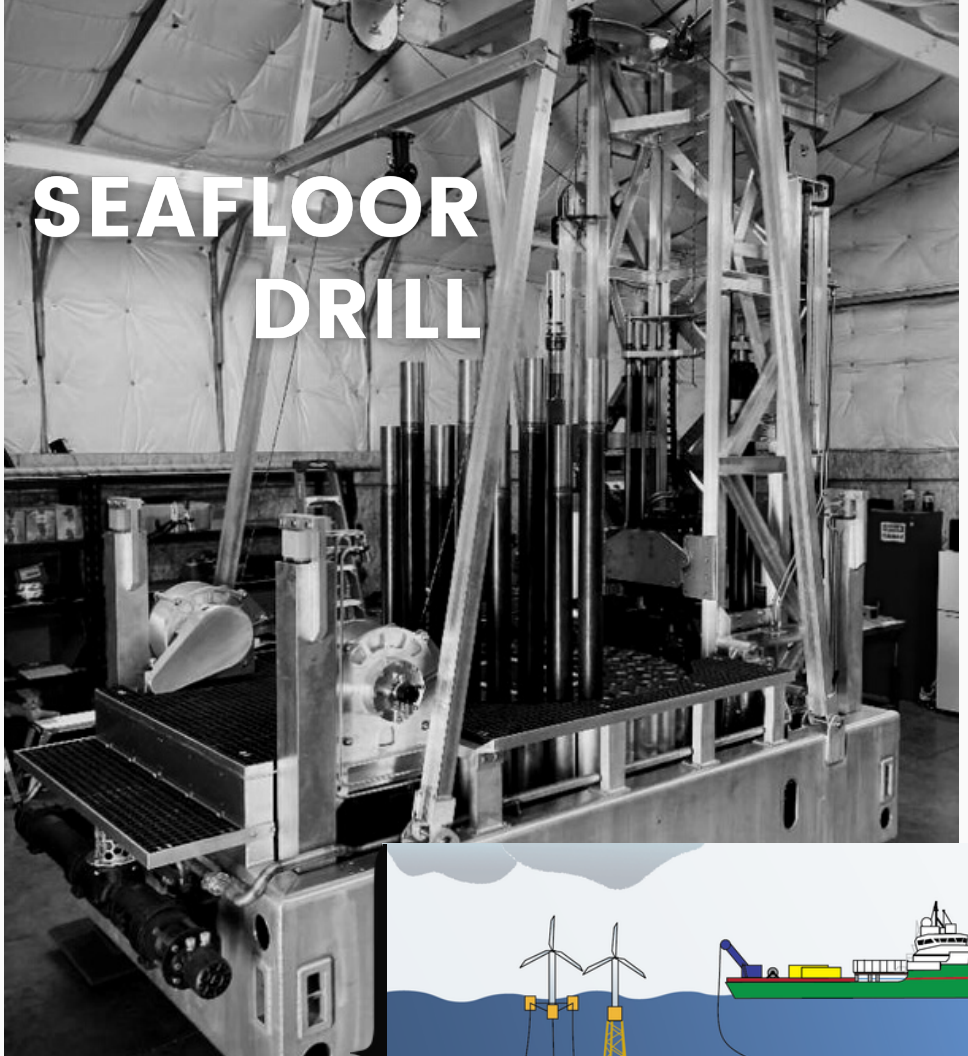
- Risks to personnel and health & safety impact are significantly reduced
- Higher quality samples and data quality

Efficiency: Wireline operation and a newly designed, state-of-the-art automated control system, productivities are dramatically increased, and margin of error and technical downtime are significantly reduced

Unequaled: Patents in place with additional U.S. Fast Track patent under way to protect next-generation technology



SEAFLOOR DRILL



BENEFITS

- Redesigned footprint and spread to significantly reduce mobilization/demobilization and operating costs when compared to other competing seafloor drilling technologies and drill ships
- Simplified robotic wireline system: significantly more productive than any other competing seabed drilling technologies and drillships
- Remotely operated devices: dramatically reduced weather and mammal downtime, HSE and environmental concerns

SPECIFICATIONS

- A-frame, crane, or LARS deployment
- Rated up to 4000msw
- Capacity to drill & sample to 80m below mudline
- Piston sampling (Shelby tube 76.2mm diameter)
- PQ sized coring (73mm sample diameter)
- Seismic CPT capable (10cm² cone) deployed via wireline
- 75kN push capacity for downhole CPT (2m stroke)
- Weight of system in air with tooling/samples: 10T
- Dimensions: 5m high x 2.2m wide x 4.3m long
- Max. slope, controlled leveling 0-24 degrees
- Adjustable landing pads for various seabed conditions