



INTEGRATED INTERVENTION SYSTEMS

Lowering Costs and Risks with Customized
Tools and Application Expertise



Specialized Intervention Services for Specific Field Needs

AFGlobal and Deepsea Technologies, Inc. (DTI) are joining forces to meet the industry's need for the latest intervention technologies and services, but in customized packages for smaller, lower production fields.

Our alliance is uniquely different from most large intervention service companies that provide a standard set of expensive, one-size-fits-all intervention equipment and services—solutions that are often already installed on their own vessels. To maximize their revenues and rig rates, these service providers cater almost exclusively to large-scale, high-profile mega projects managed by supermajors or national oil companies. These services are provided in bundled packages with contract terms that favor low-cost, second-tier hardware while neglecting rising installation costs.

Together, AFGlobal and DTI will deliver full-service intervention solutions, customized to each client's needs. And, we bring application expertise and a willingness to work closely with clients to ensure that each intervention operation is optimized for minimal risk and cost.



AFGlobal and Deepsea Technologies— Joining Forces to Optimize Each Intervention

AFGlobal and Deepsea Technologies, Inc. are meeting this need through a strategic alliance aimed at fully synchronized and integrated subsea intervention solutions.

AFGlobal brings expertise in subsea connection systems and valves, ROV tooling, testing, and subsea insulation and buoyancy. DTI offers the highest quality equipment for subsea flowlines and risers, subsea umbilicals, IWOCS equipment, subsea installations, hydrate remediation, ROV and general purpose tooling, customized equipment, and engineering services for subsea systems.

Taken together, our products complement each other to provide offshore operators with a single-source solution for more of their intervention needs. Our agreement goes beyond merely offering hardware to providing integrated solutions coupled with the industry's best application and subsea service expertise.

We are uniquely positioned to execute complex and larger intervention operations while maintaining the flexibility and agility of a small service provider. Our integrated service offering provides independent operators with greater service opportunities for their smaller field developments, while also presenting an attractive alternative for larger oil companies, EPCs, and major suppliers.

For projects large to small, our integrated interventions solution helps operators:

- Drive down intervention costs with price certainty on products and services
- Reduce the number of contractor interfaces
- Manage project execution effectively
- Shorten turnaround times to get the well back into production quickly
- Reduce the risk of miscommunication or unsafe practices during the project.





Our Scope of Offerings

Our alliance incorporates best-in-class technologies and services that address your most pressing intervention problems. Our teams of experienced engineers, field personnel, and project managers will work with you to deploy these solutions in the most cost-effective, safe, and reliable way.

IWOCS Equipment

Our Intervention Workover Control Systems (IWOCS) service offerings deliver competitive pricing, immediate availability, and solutions that meet specific needs.

We provide all of the critical intervention equipment on the vessel, including:

- Hydraulic power units
- IWOCS reels with umbilicals and stab plates
- IWOCS umbilical deployment sheaves
- Clamps and other ancillaries

All equipment is designed and manufactured in-house to meet industry standards including ISO, DNV 2.7.1, and ABS CDS.

And unlike larger service providers with a rigid, one-size-fits-all product/service offering, we customize our IWOCS offering to your specific application needs. We are not just a parts provider—we also offer in-depth IWOCS service expertise and support when and where you need it.

Flow Assurance and Hydrate Remediation Equipment

To keep production flowing freely and mitigate hydrate formation, we provide a range of custom-designed flow-assurance equipment, including:

- Intervention caps and panels for hydrate remediation
- Subsea pumping skids
- Connector insulation shrouds
- Insulation repair clamps

We don't merely provide an off-the-shelf solution based on what we have available. We work with you to determine your application needs, and then provide permanent flow-assurance solutions that are customized—not oversized—for your needs.





Subsea Intervention Equipment

From individual components to turnkey systems, we offer differentiating technologies that deliver customized solutions for each intervention operation.

- DTI provides a range of ROV hot stabs, receptacles and pressure plugs, including proprietary designs for high-pressure/high-flow applications. More than 2,000 of these systems have been supplied to subsea projects around the world since 2001.
- We supply valve operators that reliably decouple ROV loads from the valve stems. Each valve operator is manufactured with full traceability and dimensional inspection.
- Our API 17D Class I-IV torque tool interface buckets are cast and machined to tight tolerances and made of ASTM A732 Grade 1A material.

Comprehensive Intervention Support Services

Our intervention solutions extend to intervention support services, overseen and executed by experienced service teams.

Our teams are focused on streamlining and optimizing interventions to reduce costs and subsea complexity. This includes designing layouts for controls and connections that minimize disruptions and downtime during a future intervention, and making recommendations on the best vessels to use with the intervention equipment.

Our ongoing support includes the technical capacity to develop subsea equipment that adapts to changing field architecture, while minimizing disruptions from localized decommissioning during product repairs, interventions, or replacements.

The integrated AFGlobal/DTI intervention equipment and services offering includes the highest commitment to safety, quality, efficiency, and reliability. This gives each client the peace of mind that comes from working with an integrated intervention services provider.



Optimize Your Interventions with a Committed Partner

Call us to take your intervention operations to new levels of safety and cost efficiency. The AFGlobal/DTI alliance is committed to your field's long-term success, with intervention strategies that minimize downtime while boosting well production.

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