LBS-G
LITTORAL BATTLESPACE SENSING - GLIDER
Teledyne Brown Engineering (TBE) is the Prime Contractor and Lead Systems Engineer for the U.S. Navy’s Littoral Battlespace Sensing – Glider (LBS-G) Program. LBS-G is the first Unmanned Underwater Vehicle (UUV) program chosen for full-rate production by the U.S. Navy. This system, based on Teledyne Webb Research’s Slocum Glider, will boost the Navy’s oceanographic research efforts and help in fleet maneuvers. Over 180 gliders have been delivered to-date.

Teledyne Brown has the breadth of capabilities required to provide successful integration of various unmanned vehicle platforms through all phases of development and deployment.

As the Prime Contractor for the LBS-G Program, TBE provides the following products and services:

- Systems Engineering and Integration
- Technical Data Package Development
- Logistics Support Analysis (LSA)
- Interactive Electronic Technical Manuals
- Training Program
  – Ashore and At-Sea Field Courses
  – Depot Factory Training
- Test and Evaluation
- Software Development
- Configuration Management
- Information Assurance
- Program Protection/Security
- Environmental Safety and Health
- Human Systems Integration
- System Sustainment
  – Failure and Life-Cycle Analysis/Reporting
  – Engineering Change Proposals/Orders
  – Sparing

We provide innovative and proven systems engineering, advanced technology application, software development, and manufacturing solutions for: military, space, chemical, biological, radiological, nuclear, and missile defense requirements. Our products and services focus on protecting America, expanding national interests in space, and improving environmental safety.
TBE is positioned to provide real-world, cost-effective, and responsive solutions. Our specific strengths include:

- AS9100C and ISO-9001:2008 Certified
- SEI-CMMI Level 3
- Modeling, Simulation, and Software Development
- Interoperability, Integration, and Testing
  – System Integration
  – Hardware/Software-in-the-Loop
- Design and Manufacturing Capabilities
- Logistics Support Analysis
  – Level-of-Repair Analysis
  – Reliability, Availability, and Maintainability
  – Failure Analysis and Corrective Action Reporting
  – Maintenance Support Plans
  – Integrated Logistics Support Plans
  – Inventory Management
  – Unique Identification Plans
- Deployment Support
- Technology Insertion
- System-of-Systems Architecture Evaluation
  – Coordination of multiple contractors’ deliverables to support program assessment milestones

Teledyne Brown Engineering has delivered over 180 Gliders to-date.
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