SRI's AUV has been developed to perform high precision wide area bottom surveys, ship hull scans, and water column measurements. Payloads can be custom made to accommodate a wide variety of marine sensors. This system has proven to be a reliable vehicle for detailed micro bathymetric surveys as well as ship hull scans utilizing some of the most advanced sensors available today. Its relatively small size and low weight make it easily transported and deployable from small low-cost workboat style vessels.

Configurable for Specific Surveys
- **Mapping** - Survey quality inertial navigation, high resolution 3D and imaging sonars
- **Port Security** - Custom designed to survey ship hulls while at sea and perform mine countermeasures
- **Science** - Habitat characterization, chemical sensing, fisheries surveys.

**Specifications**
- **Depth Rating:** 600 meters
- **Payload:** Up to 36\(^\text{"}\) long, free flooding
- **Power:** Up to 8 Hrs runtime
  - 100W of power for sensors
- **Speed:**
  - 3 kts cruise (1.5 m/s)
  - 5kts Max (2.5 m/s)
- **Navigation:**
  - INS—Kearfott T24
  - USBL and DVL aided GPS for initial fix
  - Acoustic modem for updates
- **Weight:**
  - Air— Up to 550lb with payload
  - Saltwater— Neutral
- **Dimensions:** 12 3/4” diameter x 132” long

**Safety Systems**
- USBL geodetic tracking
- RF communications
- Drop weight
- Acoustic modem for mission monitoring
- RF beacon/strobe
- GPS

**Sensors / Tools**
- High resolution 3D acoustic and laser mapping
- High resolution 2D imaging
- Low light video
- Data collection and storage module
- Zooplankton imaging and identification
- In-situ quantitative Mass Spectrometry
- Elemental Analysis (Fe, Cu, O\(_2\), pH, more)
- Acoustic modem data link

**At Sea Operations**
SRI's AUV can be operated from a variety of platforms. A 2-person crew is required to operate the AUV and are provided by SRI International, Inc.

**CONTACT US**
For more information, contact John Kloske at john.kloske@sri.com.

SRI International
450 8th Ave SE
St. Petersburg, FL 33701
727.498-6800

www.sri.com