

The RiverScout is a man portable autonomous maritime surface vehicle (ASV) designed to meet the most challenging customer requirements in today's operating environment. Riverscout uses advances in sensing, analyzing, communication, and navigation to perform tasks assigned by an operator. This program implements the US Navy's first ASV for a "brown water" environment, support to combat operation, or patrol waterways with virtual capabilities.

## RiverScout Specifications:

1. Length – 5' 6"
2. Beam – 2'
3. Draft – 6"
4. Weight – 55lbs
5. Maretron GPS System:
  - a. Latitude
  - b. Longitude
  - c. Time
  - d. Date
  - e. Course over ground
  - f. Speed over ground
  - g. Magnetic variation
  - h. Satellite status
6. Propulsion: Jet propulsion
7. Appearance – Custom Camouflage configurations available
8. 3 Hoist Points



## Our Mission

- GUI developed for camera integration, post mission analysis, and virtual testing
- Host software interfaces through IP radio to cameras using JAUS
- Integrations of Falcon View with dynamic waypoint tracking



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