



## OceanServer Iver AUV Options

### OceanServer Benthos Modem Deck Box Kit

#### Data Sheet



The Deck Box unit gives users the ability to continuously communicate with the Iver AUV below the surface for tracking and basic control commands. The deck box kit utilizes a Benthos ATM-916-BC1 transducer and a provided 5 meter waterproof cable. This option can be used with Iver3 and Iver2 AUVs equipped with the Benthos ATM-900-BC1 and transducer.

### Specifications Deck Box Kit

- > Cable Length 5 Meters
- > Weight all Items (Deck box, cable & Transducer) 22 Lbs.

#### **ATM-916-BC1 Transducer Specs.**

- > Band C Frequency (BC) 22 – 27 kHz
- > Band C Omni Directional
- > Simple Operation Mode
- > Communications Distance 1 Kilometer\*\*
- > Maximum Distance (Ideal Conditions) 3 Kilometers

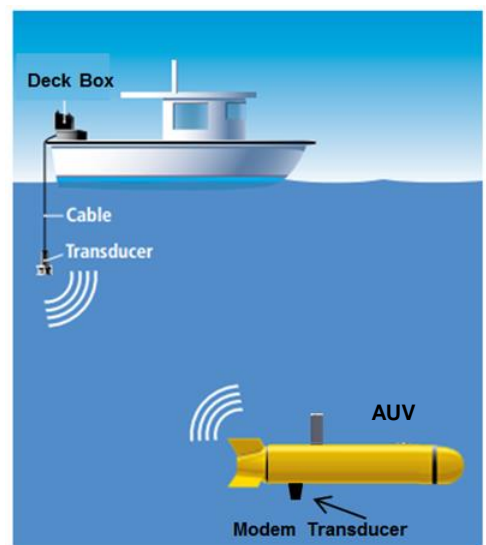
#### **Deck Box Hardware Features**

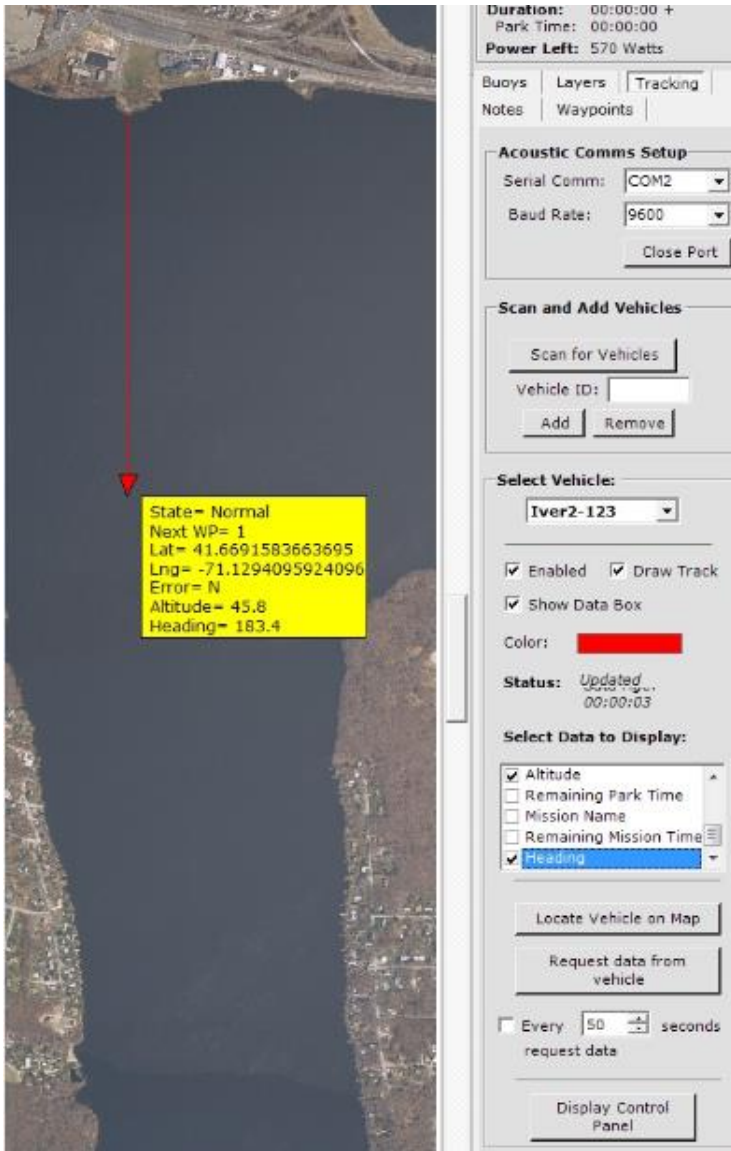
- > Rechargeable 2 Battery Packs: 95 Watt Hours each
- > RS-232 Serial Port direct connection to notebook

#### **AUV Control Support**

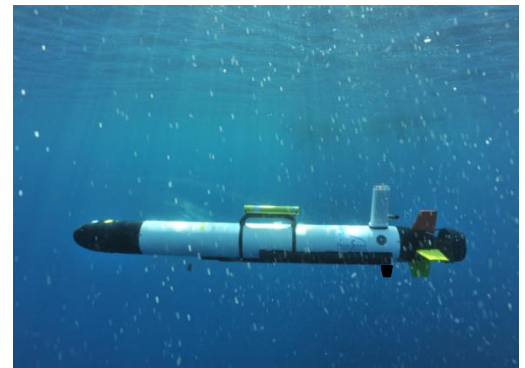
- > Fully Integrated into VectorMap mission planner for tracking
- > Allows user to stop and remission AUV
- > Gives continuous AUV state data to operator

\*\*Conditions may impact range





**Enables Continuous Communication Below the Surface**

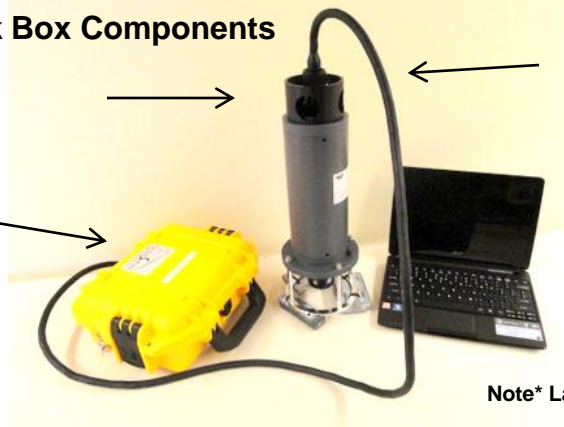


Vectormap Mission Planner tracking AUV using Benthos Deck Box Option

### Key Deck Box Components

**ATM-916-BC1  
Transducer**

**Deck Box  
with R232 Comms  
for Laptop**



**5 Meter Cable**

**Controls Included  
in Vectormap  
Mission Planner**

Note\* Laptop not included