

Building the Future of Maritime Autonomy

Blue Ops | Southeast Florida Blue Tech Conference
September 30, 2026 | Broward Center for the Performing Arts

B-26

A proven, open-architecture unmanned surface vessel built to integrated evolving technologies and adapt to changing mission requirements

Length: 25.6 ft l **Max Speed:** 40 kn l **Payload:** 1,800 lbs l **ISR Endurance:** 450 hrs l **Range:** 2,500 nm (maritime security speed)l **Control:** Autonomous / Remote / Local



CAPABILITY	APPLICATION
Distributed Operations	Extended maritime reach with reduced personnel risk
Modular Open Architecture	Rapid integration of mission-specific payloads and sensors
Autonomous & Remote Operations	Flexible mission planning and vessel control
Resilient Communications	Beyond-line-of-sight connectivity and communications relay
Multi-Domain Integration	Interoperability with UAS and existing command systems
Maritime Security & ISR	Port security, surveillance, and maritime domain awareness

SOUTHEAST FLORIDA | INNOVATION & OPERATIONS

WEST PALM BEACH, FL

Innovation & Engineering

- Vessel engineering and design
- Autonomous systems development
- Payload and systems integration
- Technology showcase & demonstrations



FORT PIERCE, FL

Testing & Operational Development

- Maritime testing and validation
- Operational demonstrations
- Training and technology evaluation
- Academic and industry collaboration



EXTENDING MARITIME SECURITY BEYOND THE SHORELINE

01 I PERSISTENT MARITIME SURVEILLANCE

- Monitor port approaches, waterways, and critical infrastructure
- Extend operational coverage beyond fixed security systems

02 I REMOTE OPERATIONS & RAPID RESPONSE

- Deploy remotely operated or autonomous patrol missions
- Assess potential threats while reducing personnel exposure

03 I INTEGRATED MARITIME SECURITY

- Integrate cameras, sensors, and communications systems
- Deliver actionable information to maritime security teams

04 I OPERATIONAL EFFICIENCY

- Extend patrol coverage without proportional increases in crew requirements
- Support repeatable monitoring and inspection missions





BLUE OPS x FAU HARBOR BRANCH

Establishing a regional hub for maritime autonomy testing, training, and technology development through collaboration with Florida Atlantic University.



01 | TESTING & VALIDATION

- Real-world evaluation of unmanned maritime systems
- Public-sector support for testing access and infrastructure

02 | TRAINING & WORKFORCE DEVELOPMENT

- Operator training and technical skill development
- Academic partnerships and regional talent pipelines

03 | RESEARCH & TECHNOLOGY

- Collaborative research and autonomous systems development
- Opportunities for joint technology demonstrations

04 | REGIONAL ECONOMIC INVESTMENT

- Expanding Blue Ops' Treasure Coast operations
- 60+ projected employees by mid-2027


BLUE OPS
A RED CAT COMPANY