

# The HELIOS Solution

High Energy Laser with Integrated Optical-dazzler and Surveillance

## Upgrade Flexibility

- Increased High Energy Laser Power Levels
- Additional Combat System Integration
- Equipment Commonality

*More than a Laser, HELIOS is an Integrated Weapon System*

## Multi-Mission Capabilities

- 60kW+ High Energy Laser for Counter Fast Inshore Attack Craft (FIAC) and Counter UAS
- Long Range Intelligence, Surveillance, Reconnaissance (ISR)
- Counter UAS-mounted ISR (C-ISR) Dazzler

## Ship & Combat System Integration

- Marinized Laser Weapon System
- 100% Structural Integration
- DDG Flight IIA Aegis Combat System Integration



**60+ kW High Energy Laser (HEL)**  
Spectral Beam Combined Fiber Laser (SBCFL)



**Thermal & Environmental Management Subsystem**  
HEL Refrigerant Cooling, Ship's Chilled Water & Clean Dry Air Distribution



**Beam Control Subsystem**  
Beam Conditioning & Control, Target Acquisition



**System Control**  
Diagnostics, Fire Control



**Beam Director**  
Beam & Sensor Pointing, Marinized



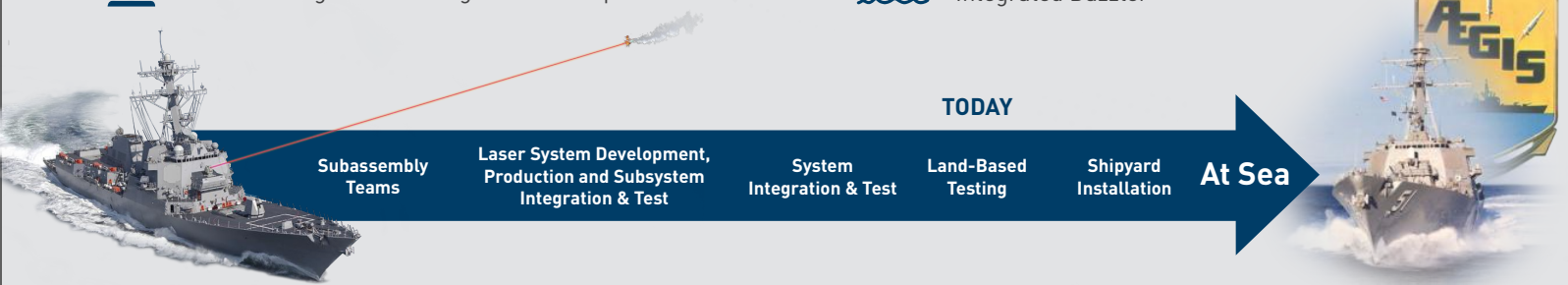
**Power Module**  
Continuous Ship's Power Conversion



**ISR & Optical Trackers**  
Proven Algorithms & High Powered Optics



**C-ISR Subsystem**  
Integrated Dazzler



Learn more at  
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