



# ECS MARINE & ENGINEERING SERVICES

Our expert team of naval architects, engineers, project managers, operators, and inspectors provide all-encompassing support and turnkey solutions. We are uniquely qualified to deliver expert marine consultancy and engineering solutions for marine design, repair, and construction.

Our team combines extensive real-world experience in marine operations, fleet management and vessel operations with a portfolio of engineering solutions that add value and efficiency. We provide customers with the right blend of capability and risk management to solve the most challenging maritime issues.

## OUR SERVICES



Naval Architecture/  
Engineering



Construction



Operations



Production  
Engineering



Maintenance/  
Repair



Project  
Management

## DELIVERING VALUE AND EXPERTISE

ECS is not just another service provider. We are a strategic partner and one-stop shop for expertise and value through every phase of the project lifecycle. Partnerships with key vendors—including specialty engineering firms, equipment vendors, and vessel operators—complement our service offerings and enable us to meet surge requirements.

### TEAM –

- USCG Licensed Unlimited Engineers and Captains provide essential operational perspective
- Former commercial, NOAA, and Navy technical experts and engineers well-versed in SOLAS, IMO, ABS, and USCG regulations
- Decades of experience with underway testing, trials and operations, system troubleshooting, repairs, dry docking, Service Life Extension Programs, ship conversions, design development, and new construction

### CAPABILITIES –

- Program, acquisition, and contract management, as well as cost estimates
- Requirements analysis, design development, naval architecture, and production/mechanical engineering
- Unmanned systems, integrated logistics, ship operations, and fleet management
- Marine repair and shipyard oversight including ship inspections, on-site scoping efforts, major repair support and new ship construction as the owner's representative

## OUR EXPERTISE



Ship  
Inspections



Cost  
Estimating



Unmanned  
Systems



Dry Dock  
Management



Maritime  
Cybersecurity

Additional expertise includes feasibility and tradeoff studies, crew familiarization, integrated logistics support, and regulatory body coordination.

## ABOUT ECS

Headquartered in Fairfax, Virginia, ECS is a leading provider of solutions in science, engineering, and advanced technologies including cloud, cybersecurity, artificial intelligence (AI), machine learning (ML), and enterprise transformation. A longstanding prime contractor to the U.S. Navy, NOAA and 40 additional mission-essential customers, we bring a proven track record of successful performance meeting our customers' most critical analytical and technical requirements.

ECS has invested in ISO 9001:2015, ISO/IEC 20000-1:2011, ISO/IEC 27001:2013 registered, and CMMI Level 3 appraised processes. Our standardized and documented procedures ensure metrics-driven, reliable, and consistent service delivery.

