U.S. Coast Guard
Innovation EXPO

Industry Thought Leaders: How Industry Brings Experience, Engineering and Expertise to the Table

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Coast Guard Challenges/Opportunities

• Achieve Awareness in the Maritime Domain - CART

• Meeting growing demand in a Resource Constrained Environment – RCRP

• Information Dominance – CYBER Capability

• Integrated Coast Guard Capabilities – Mission Engineering
Marine Transportation System (MTS) Common Assessment Recovery Tool (CART)
Readiness Cost/Capability Report Process
Integrated Approach for Securing Cyberspace

Understanding and addressing these key tension is key to realizing the full benefits of cyber while managing the risks.
Mission Engineering

Mission Engineering’s iterative analysis focuses on Capturing, Analyzing, Cataloging, Communicating, and Refining Program Needs

Phase 1
Community Analysis
- Community Analysis determines the major stakeholders, customers, information transactions, and applications supporting the organization’s core mission

Phase 2
Operations Analysis
- Operations Analysis defines the scope of business activities, how they map to current applications, and how they should align to future systems

Phase 3
Systems Analysis
- Systems Analysis maps data and applications to business functions resulting in clearly defined requirements that support an organization’s operating needs