Program Executive Office
Littoral Combat Ships (PEO LCS)
Small Business Opportunities

NDIA National Small Business Conference
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Fleet Introduction

Mission Modules

LCS Warship

Accelerating Innovation through Open Systems Architecture!

Fleet Introduction
Littoral Combat Ships

- Modular open systems architecture
  - Flexible system for dynamic battle space
  - Advanced unmanned air, surface, and underwater vehicles
  - Onboard sensors, weapons, command & control
  - Mission modules interchangeable
  - Maximizing interchangeable components within modules

- Optimized for warfighting in the littoral
  - Unique designs for unique environment
  - Fast, maneuverable, shallow draft

- Targeted at critical capability gaps
  - Reconfigurable single mission focus
  - Mines, small fast surface craft, diesel submarines

- Joint Force multiplier
  - Fully netted with battle force
Potential of Mission Modules

TODAY

MCM
ASW
SUW

OPPORTUNITIES

Maritime Security Module
Information Module
EOD Mission Module
Humanitarian Mission Module
Maritime Dominance Module
PLUS Mission Module
Irregular Warfare Module
Special Operations Force Module
UAV Mission Module
LDUUV Mission Module
Search and Rescue Module
Other modules
Multi-Mission Opportunities

**COMBAT SYSTEM**

**HUMAN FACTORS**

**WEIGHT REDUCTION**

**RA DAR**

**COMMS**

**ENERGY EFFICIENCY**

**ELECTRONIC WARFARE**

**AUTOMATION**

**LOGISTICS**

- LCS3 MAST ASSEMBLY AND SENSORS
- Consolidated SatCom For Ships
- Low Band Consolidated Comm/IO
- Multibeam EW/IO/Comm
- MIEWS/ADM (complete)
- Consolidated SatCom For Submarines
- Flexible Digital Array Radar (FLEXDAR)
- Navy LED light bulbs
- Waterjets
- Mission Package Support Facility
Opportunities

- Shipbuilding
  - Primes – Small Business Targets
- Mission Modules and Mission Systems
  - Primes – Small Business Targets
  - Small Business Opportunities
- Planning Yard and Sustainment Services
  - Prime – Small Business Targets
- PEO/Program Office Support Services
  - PEO LCS Front Office restricted to Small Business
  - PEO/Program Office Support Services open to all
- Warfare Center Technical Support
  - NSWC-Panama City, Dahlgren, Carderock; NUWC-Newport
  - Small Business Targets
- Advanced Technology – ONR
  - SBIR – Small Business Innovation Research
  - STTR- Small Business Technology Transfer
  - TIPS – Technology Insertion Program for Savings
  - RIF – Rapid Innovation Fund
## What to Monitor

<table>
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<tr>
<th>Opportunity</th>
<th>Website</th>
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</thead>
<tbody>
<tr>
<td>Rapid Innovation Fund (RIF)</td>
<td><a href="http://www.defenseinnovationmarketplace.mil/RIF.html">http://www.defenseinnovationmarketplace.mil/RIF.html</a></td>
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<tr>
<td>National Shipbuilding Research Program</td>
<td><a href="http://www.nsrp.org/2-Solicitation_Overview.html">http://www.nsrp.org/2-Solicitation_Overview.html</a></td>
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*Direct opportunity for industry to propose*

*Indirect opportunity for industry to propose*

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**General Industry Opportunities**

[www.fbo.gov](http://www.fbo.gov)
• PEO LCS is developing processes and tools to facilitate technology delivery to the Fleet utilizing the powerful mission package concept
  – Acceleration of capability delivery to the warfighter with mission modules
  – Better Buying Power with Open Systems Architecture