

NAVSEA SBIR/STTR 101



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Who We Are





Naval Sea Systems Command



Mission:

We design, build, deliver and maintain ships and systems on time, on cost for the United States Navy.

Vision:

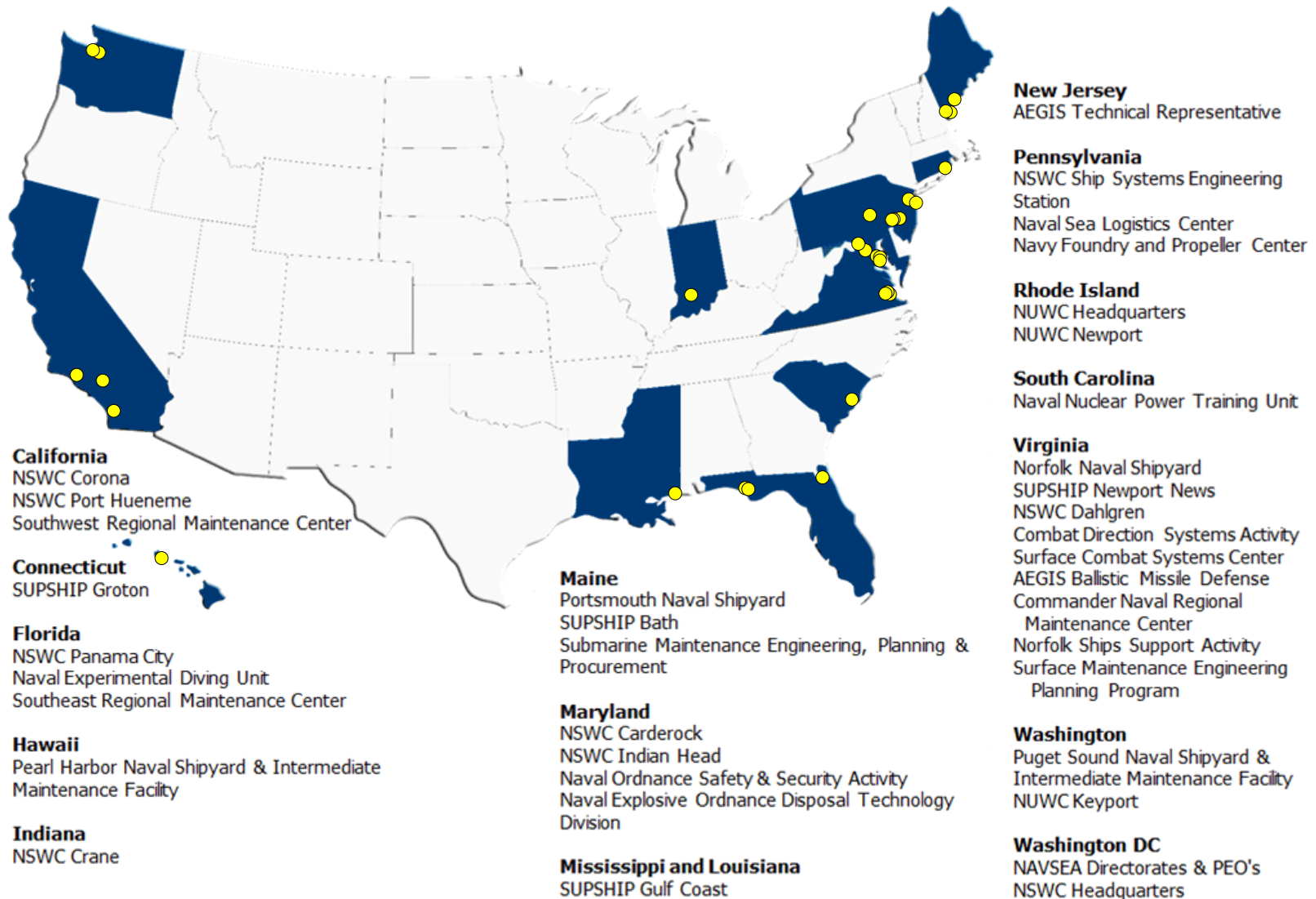
We are the Nation's team accountable for the health of its Navy

- We must purposefully operate to ensure the U.S. Navy can protect and defend America.**
- We must be supported by a modern, efficient industrial base.**
- We must be a world-class employer of choice that inspires innovation.**
- We must set the value-added standard for acquisition, engineering, business and maintenance.**



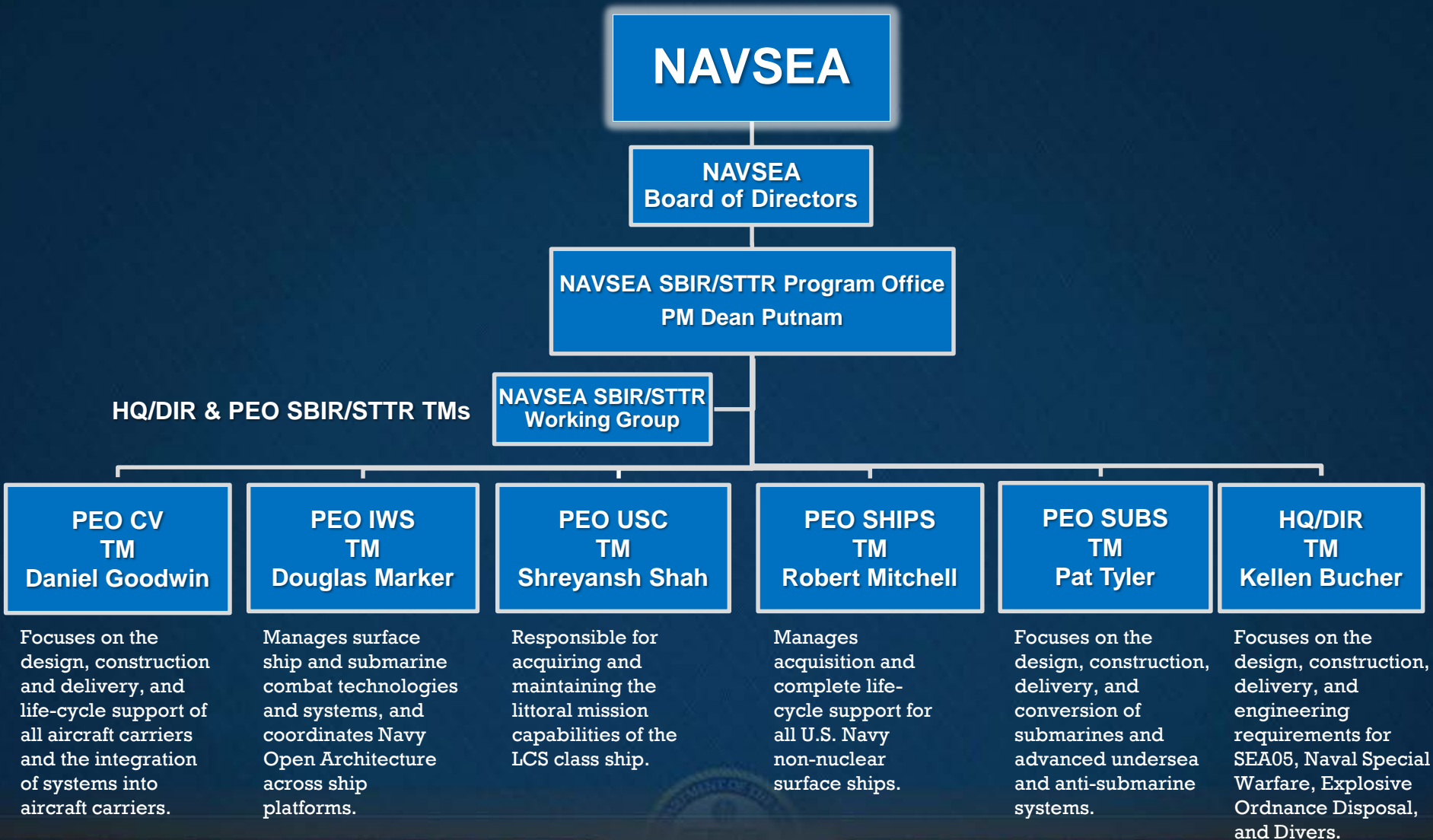


NAVSEA is in Your Backyard





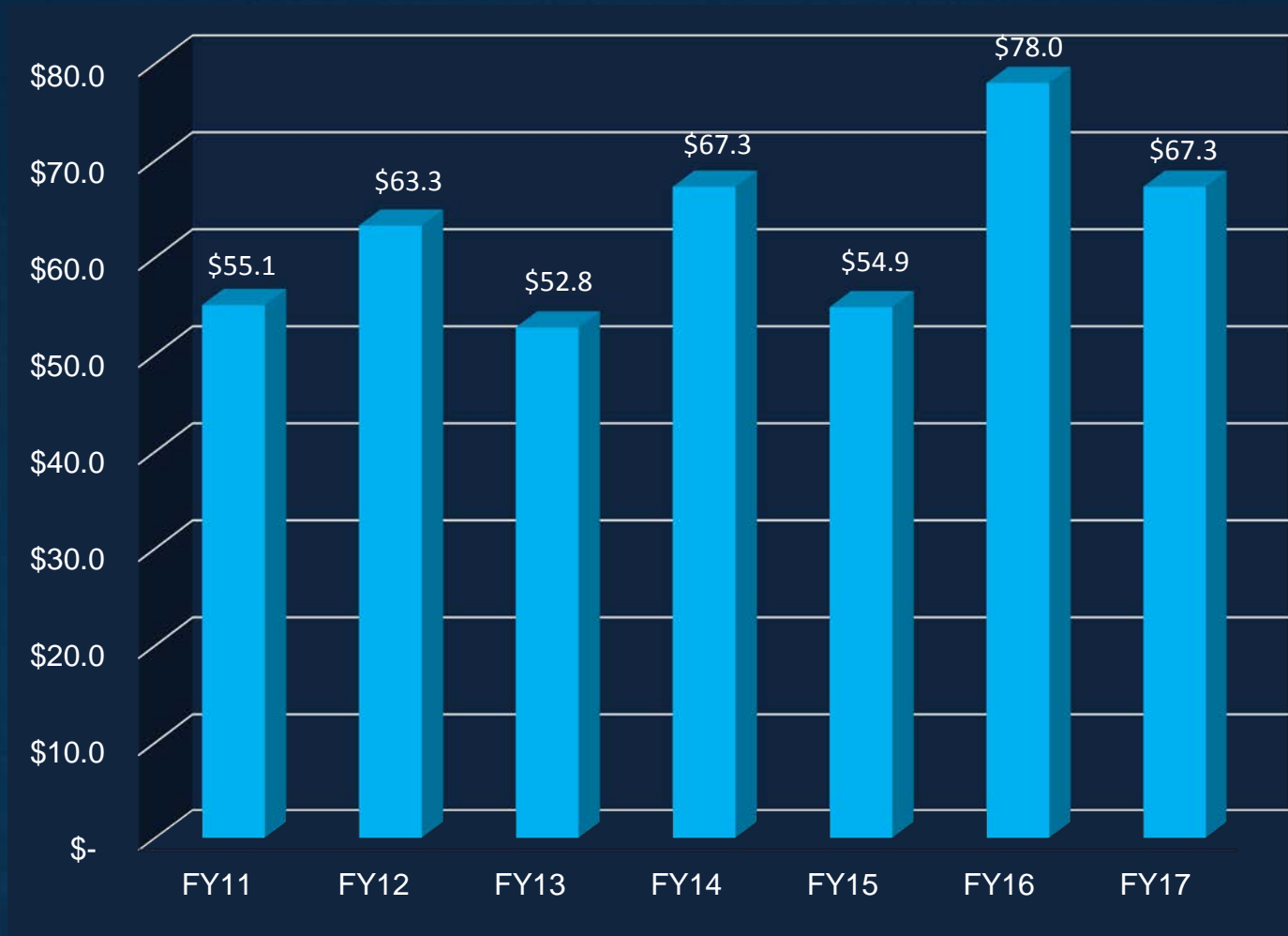
NAVSEA SBIR Functional Organization





NAVSEA SBIR Program Budget

Yearly NAVSEA SBIR Budgets for Phase I and II

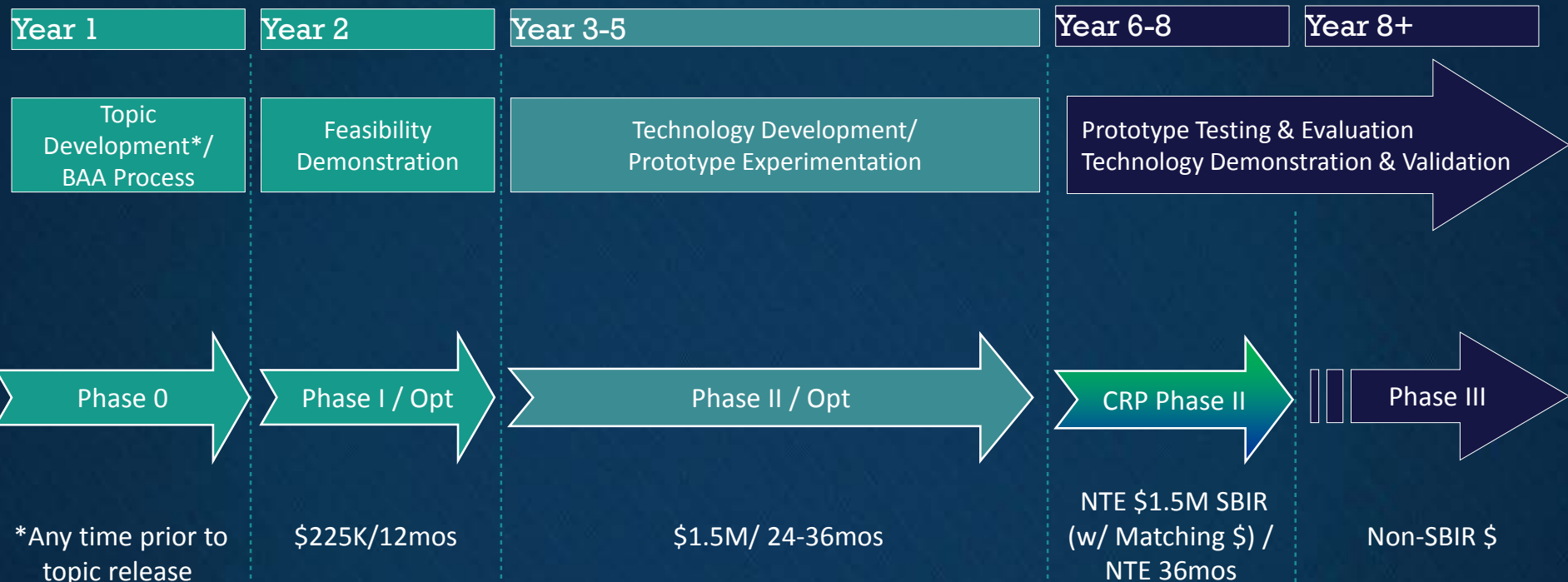


"Recommend a Research Topic"

<http://www.navsea.navy.mil/Business-Partnerships/SBIO/>

SBIR/STTR Timeline

Timeline





Topics Developed Based on NAVSEA Needs / Focus Areas

Beyond FY19.1 / A Topics

- Total Ownership Cost (TOC) Reduction
- Cybersecurity Products and Processes
- Design for Enhanced Learning Environments
- Tools & Management Systems to Facilitate On-time Delivery of Ships and Submarines
- Expand the Advantage through Increased Capability





NAVSEA Participates

- Topics are released three times a year for the Department of Defense
- NAVSEA generally participates in the .1 and .A cycles.
 - The next opportunity to participate will be the 19.1 and 19.A cycles.
 - Pre-release – Nov 18
 - Open – Jan 19
 - Close – Feb 19
 - Information Sites:
 - Information on the SBIR/STTR programs: www.sbir.gov
 - Information specifically for the Department of Defense: www.sbir.defensebusiness.org
 - Information specifically for the United States Navy: <http://www.navysbir.com>
 - BAA Pre-Release:
 - Traditionally 30-40 days prior to the BAA opening
 - Opportunity for a technical conversation with the Topic Authors
 - Chance to ask questions in a private setting



“The Power of SBIR!”

Technology Insertion and modernization budgets

- Develop once use many places
- Instant market for SBIR products/processes

CCSM

Darlington

SCS C4I & IM&M Technology
Combined Operations Wide Area Network

Planning Systems

GCCS Development & COTS Applications

DSR

Advanced Information Systems
Software Migration Legacy Trainer
Photonics Mast Workstation

MSI

Acoustics Sensors

RITE-Solutions

Mikel

Advanced Software

Trident Systems

Mobile Computing for Submarine Applications

TCN

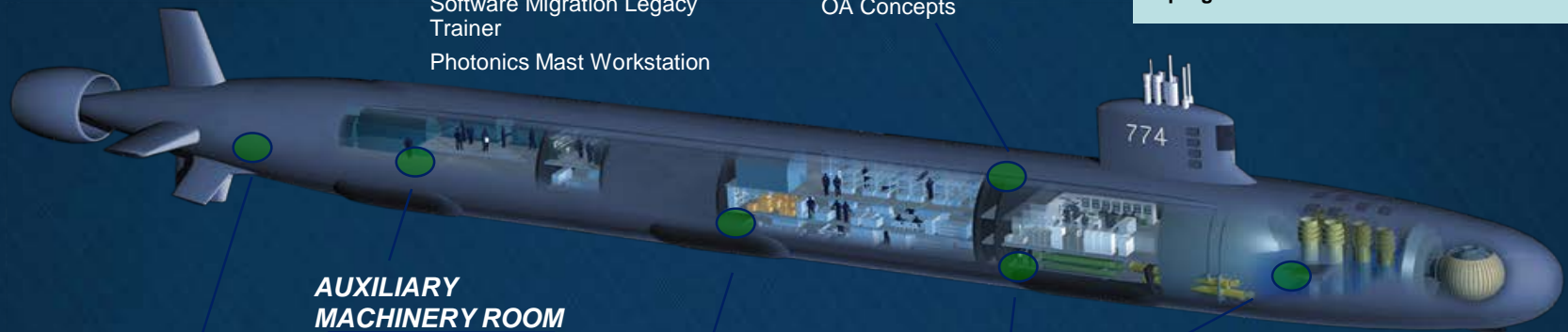
OA Concepts

Acquisition Coverage

- Blanket coverage by Major Ship programs
- Local coverage by PMOs

Leadership Commitment

- PEO leadership recognizes value
- SBIR is centerpiece of SB program in TSUB



STERN / PROPULSION

CSC

Array Improvement

AUXILIARY MACHINERY ROOM

Noesis

High Performance Brushes Technology

PRESSURE HULL

Compudrive

Electromechanical Actuator and COMT

WEAPON LAUNCH, STOWAGE & HANDLING

Progeny

Tools for VME Interactive Acoustic Analysis Process
Multi Tube Weapon Simulator
Common Weapon Launcher



VIRGINIA Class Submarine

PEO USC SBIR Technologies

MISSION PACKAGES

SHIP CREW SUPPORT



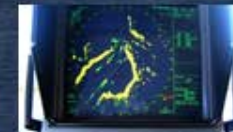
Synthetic Training



ASW
Mission
Planning



MCM COBRA



MCM Object
Categorization



MCM
RMMV
Effectiveness



UNMANNED VEHICLE COORDINATION



USV Situational
Awareness



Ship/UxV Secure Comms

SHIP SYSTEMS



Autonomous
Shipboard
Cleaning



Mission Package
Handling Systems

SBIR Technologies for DDG 51 Class Ships



LED Lighting



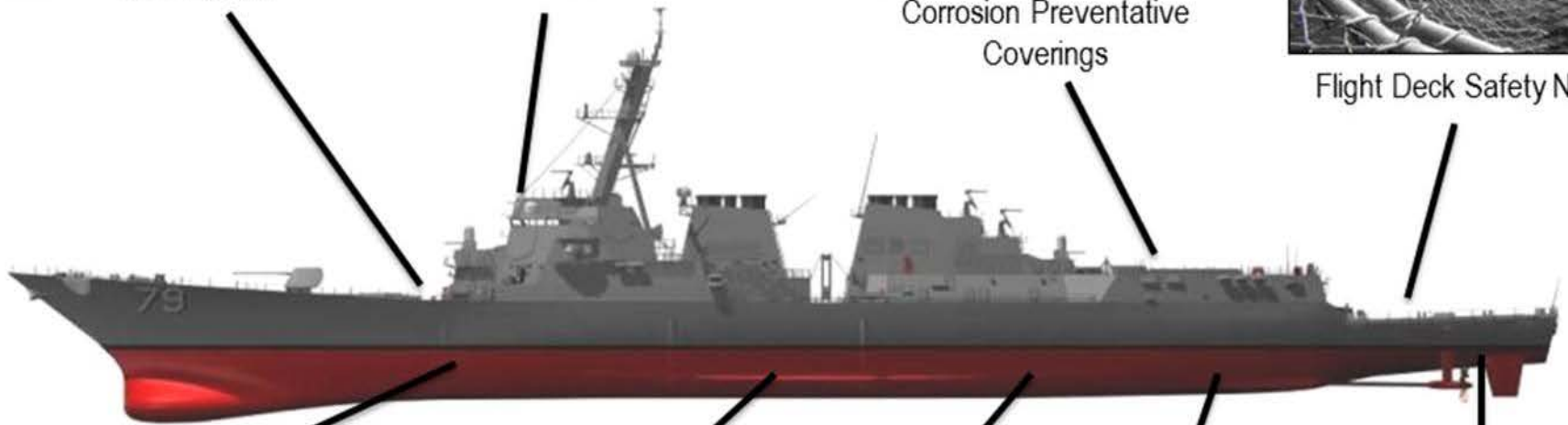
Advanced Bridge Windows



Corrosion Preventative Coverings



Flight Deck Safety Nets



Energy Dashboard
Fuel Management Decision Aid



Bulkhead Shaft Seal



On-line Wireless
Vibration Monitoring



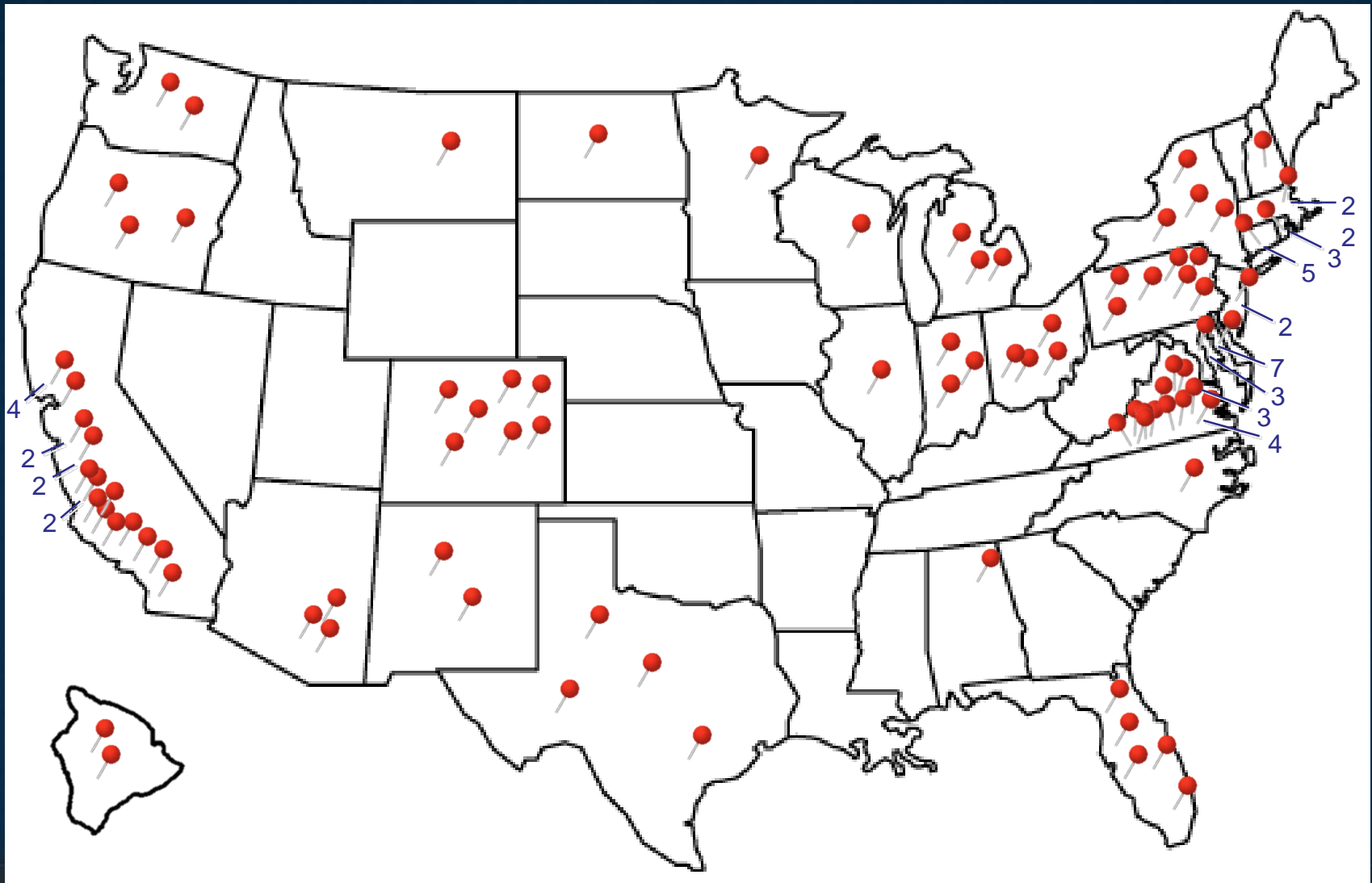
High Temperature
Superconducting
Degaussing



Flight Deck Lighting
Controls



Active NAVSEA SBIR Contracts





Proposal Submission

- Proposals contain the following information:
 - Phase I proposals are limited to 20 pages, including resumes for key personnel (template is available).
 - Problem
 - Objective
 - Statement of Work
 - Related work
 - Relationship with future Research or (R&D)
 - Commercial Strategy/Key Personnel
 - Proposals are rated on three criteria areas:
 - Technical Merit (40%)
 - Quality of Personnel (30%)
 - Commercialization Potential (30%)
 - Debriefs to unsuccessful companies.

