



Department of Navy (DON)
Small Business Innovation Research (SBIR)
Small Business Technology Transfer (STTR)

DON SBIR/STTR Program Overview

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DON SBIR/STTR Goals

- Primary Program Goals:
 - Use small business to develop innovative R&D that addresses DON need
 - Commercialize (Phase III) SBIR-developed technology into a DON platform or weapons/communication system, or for facilities use
- About the Program:
 - Acquisition Driven Process with Strong Technology Pull
 - \$300M+ annual funding supporting small business innovation/research
 - Wide range of SBIR/STTR topics driven by PEO/PM/FNC specific needs

We Succeed When You Succeed



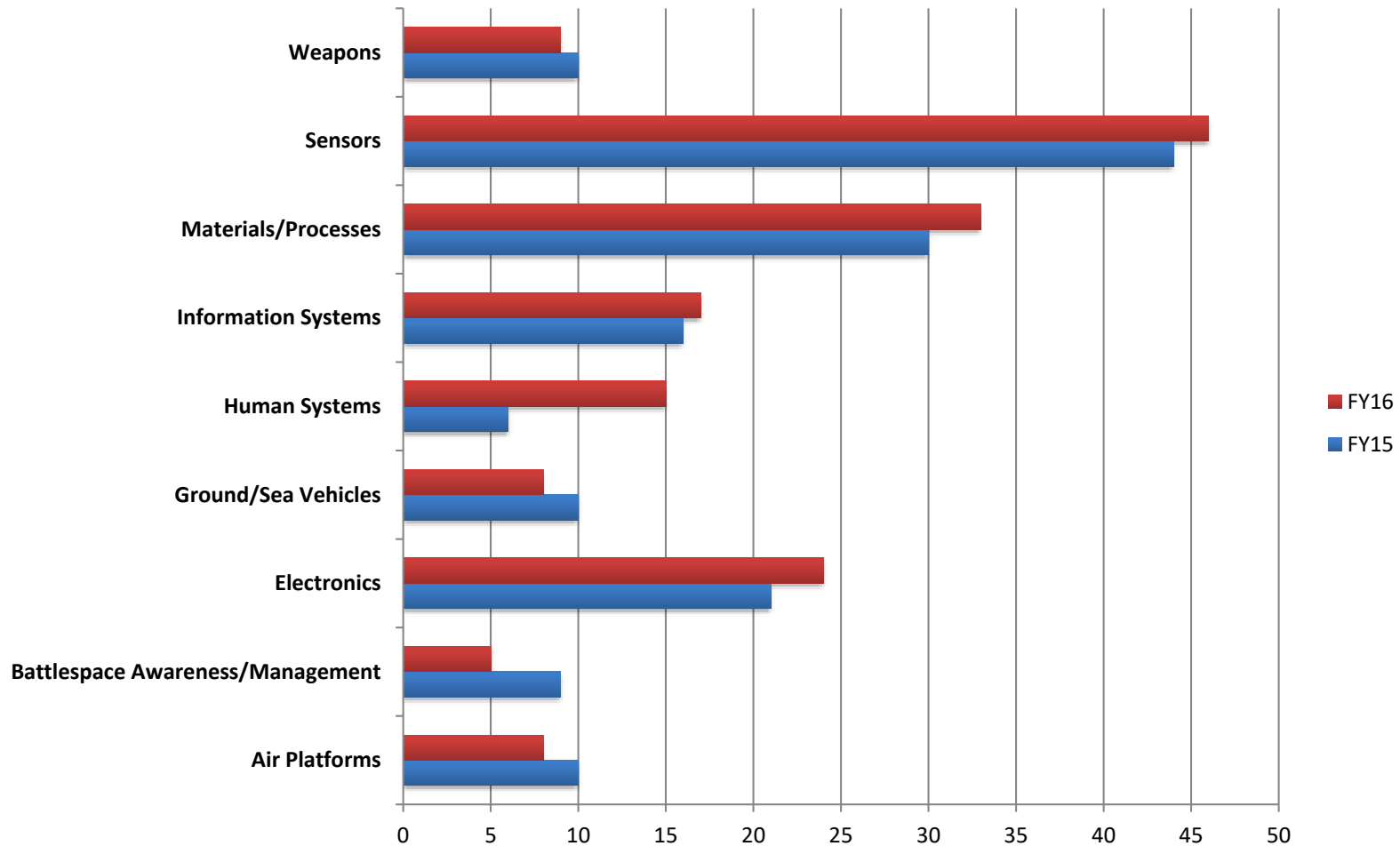
DON SBIR/STTR by the Numbers

as of 9 AUG 2017

		FY13	FY14	FY15	FY16
SBIR	Funding (\$M)	\$231	\$243	\$259	\$305
	Topics	149	129	132	139
	Phase I Awards (FY Solicitations)	401	362	360	397
	New Phase II Awards	232	212	198	133
STTR	Funding (\$M)	\$31	\$35	\$35	\$48
	Topics	29	25	23	26
	Phase I Awards (FY Solicitations)	70	61	60	69
	New Phase II Awards	41	23	28	28
SBIR/ STTR	Phase I Proposals (FY Solicitations)	2,588	2,321	1,859	2,099
	Avg. time to award Phase I (mos.)	4.5	4.3	4.3	4.1
	Phase III Awards	146	142	140	151
	Phase III Awards (\$M)	\$412	\$520	\$394	\$507



Topic Area Distribution





SBIR/STTR Program Award Structure

DON SYSCOMs tailor as needed

Project Feasibility

Technology Development and Prototype Demonstration

Prototype Testing & Evaluation Technology Demo & Validation

Phase I

Phase I Base Phase I Option

- 6 months (SBIR)
- 7 months (STTR)
- \$125K

FFP Contract

NTE \$225K

DON uses a “gated” process of options in Phase I/II to allow more funding to be available to increase TRL & transition opportunities

Phase II

Phase II Base Phase II Option 1 Phase II Option 2

- ~18 months
- \$500K-\$1M
- ~9 months
- TTP required
- SBIR PM/PO review for Option 2 at exit
- ~12-18 months
- Signed TTA may be required
- TRL 4 at exit

Phase II Options may require Cost Share 1 or 2 options ranging from \$250K-\$750K

CPFF Contract

NTE \$1.5M SBIR/STTR Funding

Subsequent Phase II

Contingent upon having a successful project with a committed Transition Sponsor/Path

- Up to 24 months
- 1:1 cost match
- Signed TTA required
- Minimum TRL 4 at entry

CPFF Contract

NTE \$1.5M SBIR/STTR Funding

NOTE: A ‘Subsequent Phase II’ is a **Requirements Driven** process; i.e., based upon Acquisition program needs.

Phase III

Transition to Acquisition Program

- Non-SBIR/STTR \$ (Private sector or non-SBIR/STTR Gov. \$)
- Unlimited POP
- SBC Extension of Data Rights and Sole Source Designation

Contract Type Varies - Phase III's may be awarded without competition after Phase I or Phase II

No limit on funding (only non-SBIR/STTR)

NTE \$3,225,000 Total SBIR/STTR Funding

Phase III – can occur anytime after Phase I and is funded with non-SBIR/STTR \$

TRL: 0 - 3

2 - 5

4 - 7

6 - 9



Navy SBIR/STTR Commercialization Tools

- SBIR/STTR Transition Program (STP)
- Primes Initiative
- Phase III Guidebook
- Reach-back Strategy
- O&S Pilot(s)
- SBIR/STTR Search Tool



SBIR/STTR Transition Program (STP)

Helps prepare selected Small Businesses to transition their DON funded technology by providing the following services:

- Assisting in the development of targeted marketing materials
- Providing relevant market research appropriate to the Small Business's technology and transition targets
- Identifying leads for potential transition opportunities
- Mentoring on the government/prime contractor relationships
- Instructing on the government acquisition environment and policies
- Promoting Small Businesses and their SBIR/STTR technology(s) on the Virtual Transition Marketplace (VTM)—an on-line, searchable showcase accessible to Government and private sector
- Assisting you on exhibiting at the annual Forum for SBIR/STTR Transition (FST)



The Primes Initiative

Revolutionizing Delivery of Innovation to the Warfighter



- Corporate goal for SBIR/STTR engagement
- Integrate SBIR/STTR into corporate sourcing strategy
- Establish SBIR/STTR partnering metrics; manage to these metrics
- Leverage current supplier, engineering, & marketing resources
- Explore SBIR/STTR Topic opportunities
- Explore Phase I, II, & III opportunities
- Track SBIR/STTR partnerships
- Developing risk management tools for government and industry to share



Phase III Guidebook

- Developed by DON SBIR/STTR
 - Assist Program Managers, Contracting Officers, and Small Business professionals
- Comprehensive innovation desk reference
 - Cites authorities
 - Summarizes best practices
 - Answers FAQs
- Global commercialization resource
 - Small/Large Businesses
 - DoD Components & Agencies
 - Other Federal Agencies



Available for download at www.navysbir.com



Using SBIR/STTR to reduce Cost Drivers

- Reachback Strategy
 - Mining the Navy SBIR/STTR inventory
 - Cross-SYSCOM leveraging
- Direct to Phase II*
 - Specific topics written for Phase II
 - Ability to increase TRL faster
- O&S Pilot(s)
 - NAVAIR Pilot with FRCs
 - Seeking pilot opportunities with FRDs and Shipyards

*Current authority expires 30 Sept. 2017

SBIR/STTR can be leveraged to reduce costs!!



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Small Business Innovation Research

NAVY

Small Business Technology Transfer

Supporting Technological Innovation · Providing Cutting-Edge Solutions · Stimulating Economic Growth

Search

General Search | DTIC Categories

Enter Query Text: [New Query](#)
electromagnetic

[Search](#)

Advanced Options

Information Sources:

☒ Navy Awards
☐ Virtual Showcase Awards
☐ Navy Success Stories

Phase

Firm DUNS

Firm Name

Firm ZIP(s)

State Code

Topic Number

Award TPOC

Fiscal Year

Contract No

Keyword(s)

If unsure of firm name spelling, check to perform fuzzy search ☐

Number of Results: 15

Sort By:

Relevance + Date

Federate Search to DTIC? ☐

Search on Award Start Date? ☐

Query Refinement: [electromagnetic](#)

Data Sources

All Data Sources

Navy Awards (3909)

Concept Cloud

boats and watercraft · conceptual framework · dozens of RF · electromagnetic interference · electromagnetic launcher · electromagnetic shielding · electromagnetic solver · electromagnetic spectrum · formulations without sacrificing · High-Power Microwave · HPM attack · inertial navigation · Large-scale Electromagnetic · radar and SATCOM · radar clutter · rail gun · shipboard electromagnetic

Display Type: [Cloud](#) | [Clusters](#)

<< Previous Displaying 1 - 15 out of 3909 Total Results Next >>

95.35% Active Motion-Compensation Technology for Roll-On/Roll-Off Cargo Vessel Discharge to Floating Platforms

Summary: Active Motion-Compensation Technology for Roll-On/Roll-Off Cargo Vessel Discharge to Floating Platforms, The overall goal of this Phase II project is to develop a motion compensating platform (MCP) technology for the 32MJ Electromagnetic (EM) railgun aboard the Joint High Speed Vessel (JHSV). Ship motion for the catamaran is significantly different from a monohull such as the DDG 51.. Active Mot...

Topic Number: N112-137

Firm Name: Advanced Technology & Research Corp.

Phase: II

Award Start Date: 01/20/2015

Award End/Mod Date: 01/20/2017

Source: Navy Awards

94.83% Tunable Nanoscale UltraViolet Absorber Particle Technology

Summary: Tunable Nanoscale UltraViolet Absorber Particle Technology, Physical Sciences, Inc. We have demonstrated chaff cloud formation using both a Capco pyrotechnic burster and a PSI designed and built burster that uses compressed CO2 driven dissemination. At the end of the Phase II Option program, PSI will deliver 240 devices to NSWC/Crane for testing.

Topic Number: N132-100

Firm Name: Physical Sciences Inc.

Phase: II

Award Start Date: 12/23/2014

Award End/Mod Date: 12/31/2015

Source: Navy Awards

94.83% A Novel, Low Cost and Handheld Microwave Sensor for the Detection and Evaluation of Incipient Composite Heat Damage

Summary: A Novel, Low Cost and Handheld Microwave Sensor for the Detection and Evaluation of Incipient Composite Heat Damage, Due to their high specific strength and light weight properties, polymer matrix composites (P/MCs) are increasingly used in a wide variety of military

Done

Internet | Protected Mode: On

100%

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DON SBIR/STTR

Points of Contact

Program is Administered by the Office of Naval Research

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Check for the most up to date information about the program, topics, awards, and more!



Questions

