



Department of Navy (DON)

Small Business Innovation Research (SBIR)
Small Business Technology Transfer (STTR)

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DON SBIR/STTR

- **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 in expeditionary bases in new “pivot” locales in Africa and Asia
- **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



What is part of DON SBIR/STTR?





Participating DON SYSCOMs

**DON
Program
Staff**

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Director, DON SBIR/STTR

Lee Ann Boyer
DON CRP
Program Manager

Dusty Lang (Acting)
DON STTR
Program Manager

**Systems Commands
(SYSCOM)
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Dean Putnam
Program Manager
SBIR/STTR/CRP

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Lore-Anne Ponirakis
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SBIR

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Program Manager
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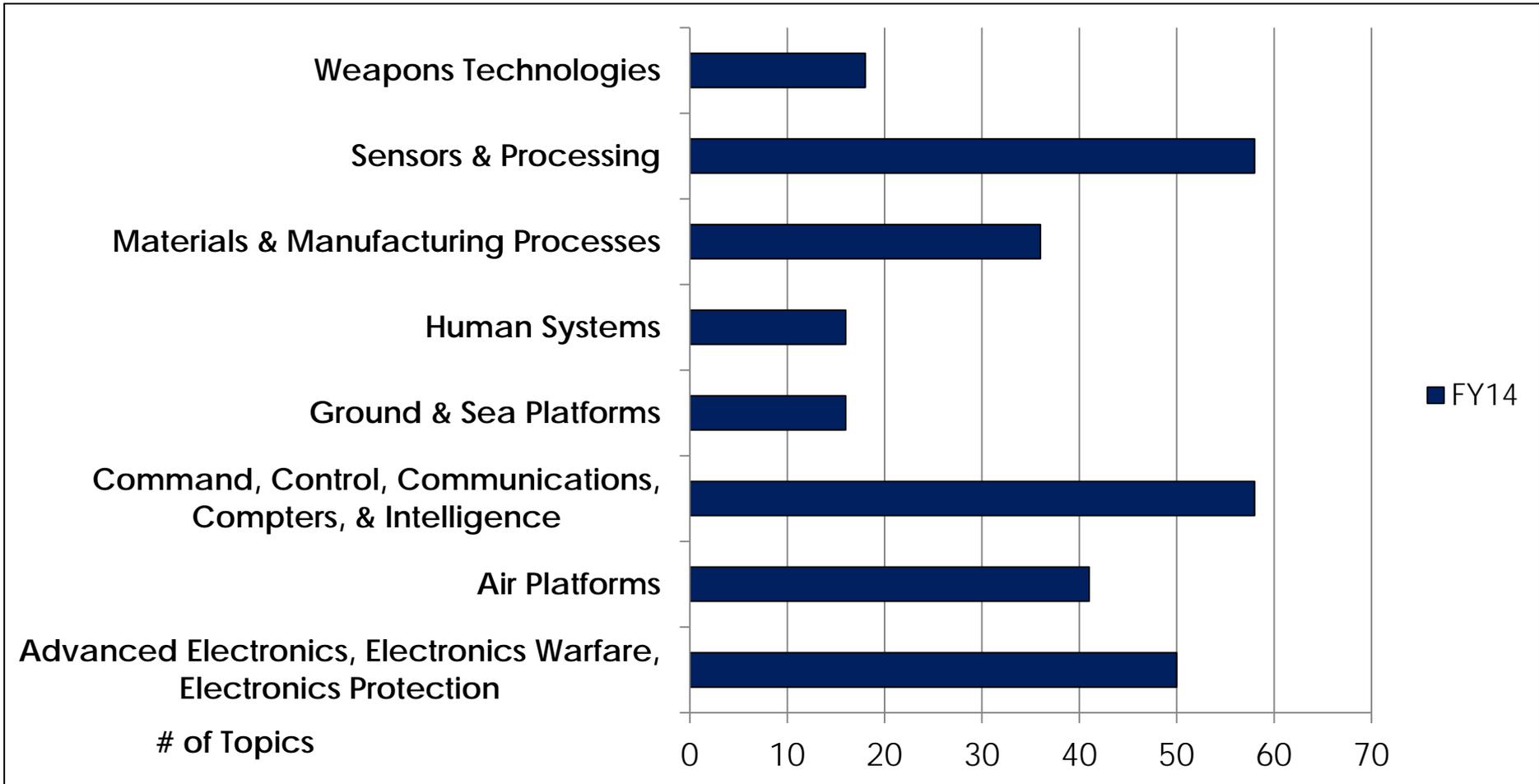


Why Participate in SBIR/STTR?

- Largest source of early stage R&D funds for small businesses
- Builds credibility of company's research
- Data Rights retained for 5 years
 - STTR: small business must have data rights agreement with research institution
- Small business can maintain ownership of equipment purchased under Phase I and Phase II
- Better alternative than mortgaging the house...again!



DON SBIR/STTR Topic Focus



Note: Research in areas of Cyber Security, Engineered Resilient Systems, Counter-IED, Autonomy, and Energy & Power Technologies were all funded during the period; however, these topics were included in other research categories based on prior taxonomies.



DON Program by the Numbers

	FY10	FY11	FY12	FY13	FY14
Total DON SBIR Funding per FY (\$M)	\$342	\$264	\$271	\$231	\$243
DON SBIR Topics issued that FY	233	181	160	149	129
Number Of Phase I Proposals	4098	3282	2533	2227	1984
Phase I Awards from FY Solicitation	693	483	434	378	423
Avg. time to award Phase I contracts (months)	4.5	4.5	4.4	4.5	4.2
Navy Phase II Awards during FY	305	257	279	222	211
Navy Phase III Awards during FY	131	146	121	146	142
Amount of Direct Navy Phase III Awards (\$M)	\$566	\$552	\$725	\$412	\$490
DON STTR Funding Per FY (\$M)	\$41	\$33	\$36	\$31	\$34
DON STTR Topics Per Year	50	39	26	29	25
DON STTR Phase I Awards in FY	158	116	62	70	59
DON STTR Phase II Awards in FY	46	52	23	41	24



Life of a Topic

Phase I

170 Topics
2800+ Proposals
482 Awards

Phase II

Second
Phase II

170 Topics
482 Phase I Awards
254 Awards

Phase III

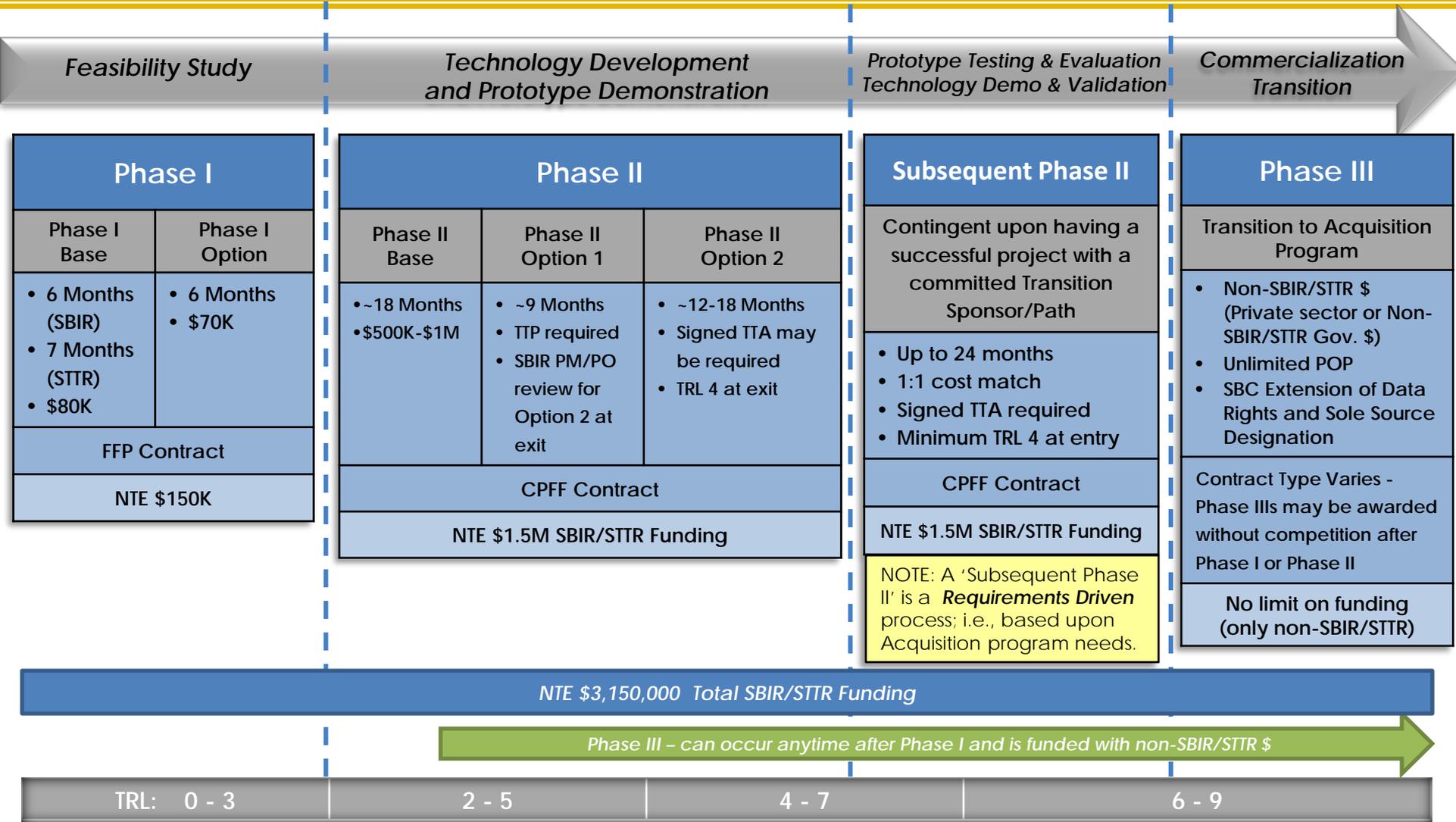
170 Topics
254 Phase II Awards
137 Awards

200% ROI
(SBIR/Non-SBIR)



SBIR/STTR Program Award Structure

DON SYSCOMs tailor as needed



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



Commercialization Readiness Program (CRP)

- Created by Congress in FY06
- Goal: Accelerate transition of SBIR/STTR technology to Phase III
- DON sets aside approximately 20% of its annual SBIR funding
- Selection process is very rigorous
 - Validation of DON requirement, technology maturity & firm capabilities
 - Matching funds (non-SBIR/STTR \$) investment is required
- DON CRP invested over \$510M into 276 projects since FY06
 - Return on Investment since FY06:
 - \$327M in direct government funding (Phase III); and
 - \$526M in non-government funding (reported in CCR)



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Small Business Innovation Research
NAVY
Small Business Technology Transfer

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

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Data Sources

- ♦ All Data Sources
- ♦ Navy Awards (3909)

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

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

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

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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:

Sort By:

Federate Search to DTIC?

Search on Award Start Date?

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 (PMCs) are increasingly used in a wide variety of military

Done Internet | Protected Mode: On 100%



DON SBIR/STTR Points of Contact

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



Questions
