



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

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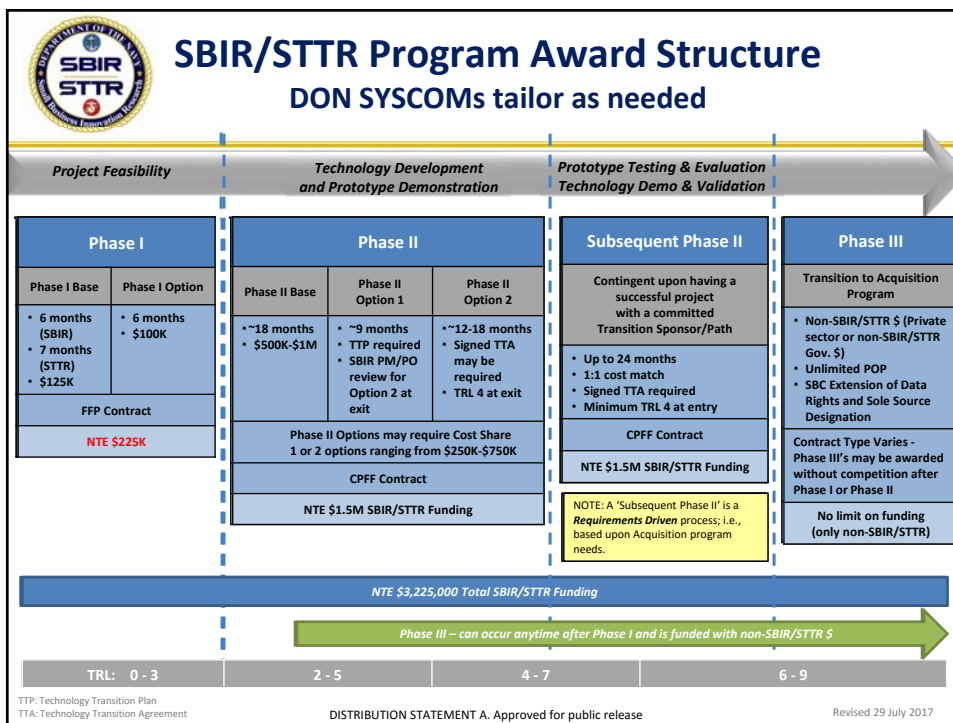
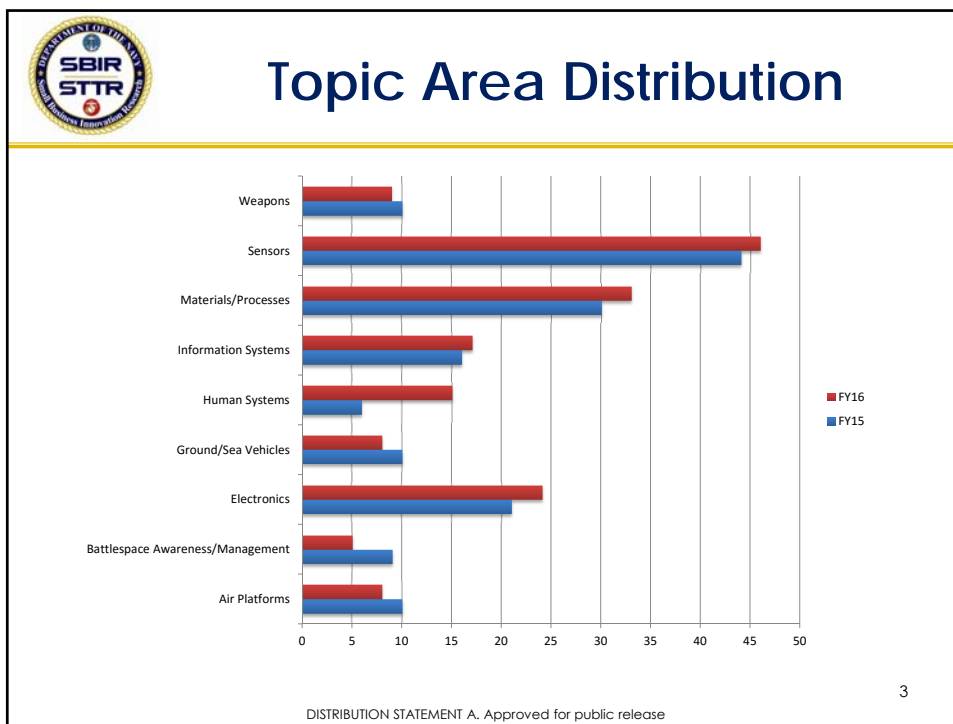
DON SBIR/STTR

- 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
- 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 specific program and project needs

We Succeed When You Succeed

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Commercialization Support

- SBIR/STTR Transition Program (STP)
- Forum for SBIR/STTR Transition (FST)
- Primes Initiative
- Commercialization Readiness Program (CRP)
- Phase III Guidebook
- SBIR/STTR Search Tool
- “Reachback” Strategy
- Sustainment and Operations Support Cost Reductions (SOCR) Pilot

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Background/Additional Information


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The Primes Initiative

Revolutionizing Delivery of Innovation to the Warfighter



The diagram illustrates the Primes Initiative structure. At the top is the Government, represented by a classical building icon. Below it is a central hub labeled 'Technical Solutions' with a gear icon. To the left is 'Small Business' with a storefront icon, and to the right is 'Prime Businesses' with a modern office building icon. Red double-headed arrows connect the Government to both Small Business and Prime Businesses. Blue arrows point from the Government down to the Technical Solutions hub, and from the hub down to both Small Business and Prime Businesses. A red double-headed arrow also connects Small Business and Prime Businesses. Small circular icons with arrows are placed along the red arrows.

- 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

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Commercialization Readiness Program (CRP)

- FY06 NDAA (P.L. 109-163, Section 252) authorized Commercialization Pilot Program for the DoD SBIR program; renamed to CRP and extended to STTR by P.L. 112-81
- 1% of SBIR set-aside for CRP administration
- CRP funds can not be used for Phase III or any awards to the small business
- The purposes of the CRP is to:
 - Accelerate the transition of technologies, products, and services developed under the SBIR Program
 - Identify SBIRs that have potential for rapid transition to Phase III and into the acquisition process
- CRP supports activities include:
 - Risk Assessments
 - Exercise and Demonstration Participation
 - Manufacturing Readiness and Manufacturing Plan Assistance

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Phase III Guidebook v1.2

- 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



v1.2 updated to provide Data Rights Annex

Available for download at www.navysbir.com

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What is part of DON SBIR/STTR?



We need YOUR solutions

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Evolution of E.M.I.L.Y.

Emergency Integrated Lifesaving Lanyard

A Navy SBIR/STTR Success

The Start (2001)
Marine Mammal
Detection & Mitigation



**The Leveraging
(Silver Fox UAV)**

- Video Communications
- Threat Warning System
- Sensor Classification

Realization (Today)



Refugee Rescue in Greece



Swift Water Rescue in USA



Worldwide Use by Lifeguards

\$5M (STTR)

\$7M (SBIR)


\$4M in Phase 3 Funds

\$6M+ Commercial Sales



Combat Tested 2007

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Important Websites (Public)

- Navy SBIR/STTR Website – navysbir.com the first site for firms to find information on the DON SBIR/STTR programs including solicitations, topics, selections, program specifics, success stories, related links, and points of contact.
- Navy SBIR Search Database - navysbirsearch.com Uses Autonomy© licensed software to perform contextual searches on all DON SBIR awards.
- The Official DoD SBIR/STTR Home Page - <https://sbir.defensebusiness.org> - with information on these programs, links to the current and past solicitations and other DoD and Federal SBIR/STTR web sites, and other related links.

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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:

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Federate Search to DTIC?

Search on Award Start Date?

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To:

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Concept Cloud Display Type: Cloud | Clusters

Antenna and Radome • electromagnetic attack • electromagnetic interference • Electromagnetic Propagation • electromagnetic rail • Electromagnetic Railguns • Electromagnetic Scattering • electromagnetic signature • electromagnetic solver • electromagnetic spectrum • GPU-based parallelization of EMAT • immune to electromagnetic interference • SHOTG IRIS • ray tracing

Displaying 1 - 15 out of 785 Total Results Next >>

94.82% Detection Identification and Geo-Location of UUVs with Hiawatha

Summary: Detection Identification and Geo-Location of UUVs with Hiawatha. The utilization, and thereby, threat of unmanned underwater vehicles (UUV) is experiencing a significant increase throughout the world. Detection Identification and Geo-Location of UUVs with Hiawatha. All electronic system components create electromagnetic emissions which can be detected from long range with a sensitive RF beam.

Topic Number: N152-113

Phase: I

Firm Name: Yokosuka, Inc

Award Start Date: 11/02/2015

Award End/Mod Date: 09/02/2018

Source: Navy Awards

94.81% R2R Fabrication of Millimeter Wave Dipole Chaff with High Radar Cross Section

Summary: R2R Fabrication of Millimeter Wave Dipole Chaff with High Radar Cross Section. Physical Sciences, Inc. On the Phase I program, we will fabricate a small scale continuous process to demonstrate CuCP production and to provide chaff for characterization. These conductive panels could be used as low cost EM shields.

Topic Number: N152-092

Firm Name: Physical Sciences Inc.

Phase: I

Award Start Date: 10/14/2015

Award End/Mod Date: 04/10/2018

Source: Navy Awards

94.80% Advanced UHF SATCOM Satellite Protection Features

Summary: Advanced UHF SATCOM Satellite Protection Features. The proposed project involves the integration of an Artificial Magnetic Material (AMM) with a planar antenna system with the system exhibiting multiple RFI mitigation features. Advanced UHF SATCOM Satellite Protection Features. Cells would be configured using a buffer matrix and create a focused beam which would further reduce spillover RFI. On.


Topic Number: N152-123

Firm Name: Phoenix Optoelectronics LLC

Phase:

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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!

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Questions?



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