

SBIR/STTR TRANSITIONS Newsletter

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From the Director Risk-Based Due Diligence



Robert L. Smith, director DoN SBIR/STTR

Our attention has been focused on the implementation of the SBIR/STTR Due Diligence Program required by the SBIR and STTR Extension Act of 2022. Congress has directed that no later than 1 July 2023 all federal SBIR/STTR programs will have a risk-based due diligence process in place or no awards may be made. According to the act:

As a result of the SBIR and STTR Extension Act of 2022 (Public Law 117-183), hereafter referred to as the Extension Act, the Small Business Act (15 U.S. Code § 638)

was amended to require the following of each Federal agency participating in the SBIR or STTR programs:

- (1) establish and implement a due diligence program to assess security risks presented by small business concerns seeking a federally funded award.
- (2) assess, using a risk-based approach as appropriate, the cybersecurity practices, patent analysis, employee analysis, and foreign ownership of a small business concern seeking an award, including the financial ties and obligations (which shall include surety, equity, and debt obligations) of the small business concern and employees of the small business concern to a foreign country, foreign person, or foreign entity.

Per the legislation the department is precluded from making an award if any of the following conditions exist:

In accordance with the Extension Act, the Department of Navy (DoN) will not make an award under the SBIR or STTR program if it is determined that:

- (A) the small business concern submitting the proposal
 - (i) has an owner or covered individual that is party to a malign foreign talent recruitment program;
 - (ii) has a business entity, parent company, or subsidiary located in

From the Director... Continued

the People's Republic of China or another foreign country of concern; or

(iii) has an owner or covered individual that has a foreign affiliation with a research institution located in the People's Republic of China or another foreign country of concern; and

(B) the relationships and commitments described in clauses (i) through (iii) of subparagraph (A)

(i) interfere with the capacity for activities supported by the Department of Defense to be carried out;

(ii) create duplication with activities supported by the Department of Defense;

(iii) present concerns about conflicts of interest;

(iv) were not appropriately disclosed to the Department of Defense;

(v) violate Federal law or terms and conditions of the Department of Defense; or

(vi) pose a risk to national security.

This doesn't mean we are not allowing companies to participate in the SBIR/STTR program; it means we have to look at the risk elements. We look at the things listed above and determine if they adversely affect any of the companies working with us, because if it can't be mitigated, we can't make it work. If in some cases a company has money from a foreign-aligned country—China, North Korea, Russia or Iran—by law, we cannot make an award to them. If you are a young firm, know the origins of the venture capital you plan to take. If it is coming from the wrong place, you may never be allowed to work with the federal government. Also, follow the instructions! From what I've heard from other agencies, there's quite a rejection rate because companies are not following the due diligence related instructions in recent solicitations. Even if companies don't have investments from a foreign government, they still must complete the forms.

The risk-based due diligence program does not only apply to the Navy, but to all federal agencies.

We are working on implementing this program and working on the SBIR 23.2 BAA. The risk-based due diligence process is part of the solicitation instructions. We hope to make this process as easy

as possible on the company, but there are extra mandatory forms to fill out. If the company does not fill these forms out, we have to reject them.

We are looking to see what companies are doing for their cyber hygiene. Do they need to be as competent as a national security agency? No, but there are some fundamental things they need to do to protect their intellectual property, which is also protecting the Navy's investment in their intellectual property. Are companies taking appropriate cybersecurity steps? That's what we are really looking for and, if not, they need to improve it. It may be as simple as using software to protect the business or even pulling out hard drives at the close of the business day. Companies don't need to spend millions of dollars to have cyber security; they just have to be smart about what they do and proactive on how they do it. For information about cybersecurity and controlled unclassified information (CUI) awareness resources and opportunities, check out the Navy SBIR/STTR cybersecurity page here: <https://www.navysbir.com/cyber.htm>. P.S. Blue Cyber resources are free!

We continue to look for ways to make the business of innovation easier and faster. We did yesterday, we do today, and we will tomorrow. I encourage businesses to look at open topics and participate in future solicitations, both traditional and open.

We are really excited about the cohort that signed up for the latest Navy STP class. See the list of companies on page 10. About half the companies are new to Navy STP, so that's pretty exciting. The word is getting out. People are understanding the value of Navy STP. When these companies succeed, the Navy succeeds.

We will continue to do what we do well and stay on course, on speed, always looking for ways to make it easier for all while we work at accelerating delivery of solutions to our warfighters.

Sincerely,



Robert L. Smith
Director DoN SBIR/STTR

Evaluating Cyber Risk: G2 Ops' Tools and Methodologies Enhance Navy Capabilities

By Jennifer Reisch, Navy STP Managing Editor

“Collaboration is essential for Phase III Transitions,” said Kevin Esser, chief business officer at G2 Ops. “Collaboration spanning the program office that needs the technology, the contracting organization—whether that’s NAVSEA, GSA, NAVAIR or another command, and the small business itself.” Esser has successfully transitioned two out of four Phase II SBIR technologies to the Navy. A third SBIR project, still in Phase II, has already transitioned portions of the technology. “A lot of companies don’t think about that collaborative requirement. It might be that they don’t have the resources or the know-how to collaborate with the Navy to construct a workable Phase III vehicle.”

G2 Ops uses model-based systems engineering (MBSE) to address systems engineering and cybersecurity challenges. The company develops and applies modeling tools and analytics to improve systems engineering and uncover cyber strengths and weaknesses in tactical system design.

The first technology G2 Ops transitioned to the Navy was Strategic Optics for Intelligent Analytics (SOFIA), a mission-based cyber risk assessment tool, developed in collaboration with PEO Integrated Warfare Systems (IWS) 1.0, the developers of AEGIS Combat Systems. “What made this so special was that we were already working with the Navy in both model-based systems engineering and risk management, and the need spelled out in their SBIR program spanned the two areas that we were working on independently,” explained Corren McCoy, PhD, chief data strategist at G2 Ops. “It was an opportunity for us to bring two of our areas of expertise together into one solution. IWS 1.0 and NAVSEA are really trying to be forward leaners in digital engineering.”

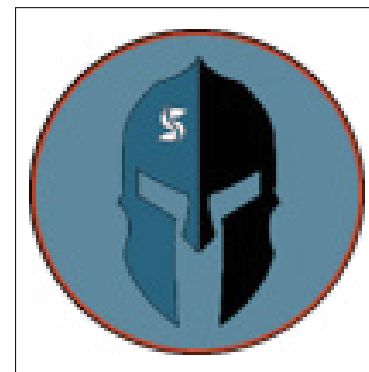
G2 Ops’ ability to leverage existing work proved attractive to the Navy. “I think the fact that we had a structured and known approach that followed the Navy SOP for risk management gave them confidence that what we could deliver would be a sound solution,” McCoy said.

The name Sofia is derived from the Greek word for wisdom. “That’s what we’re providing here: insight into the cyber posture of a tactical platform and the impact of cyber vulnerabilities on mission-based risk.

Classical risk assessments focus on the component level, which does not give a true operational picture of where risk really resides. The beauty of this tool is that the systems modeling language models we create of the baseline architectures flow into a hierarchy that allocates components to the systems and missions they support. The digital engineering models give layered context to the way that a platform operates: not just its physical attributes, but its behavioral attributes—how they interrelate, downstream impact—and then risk-scored through an overlay against open-source intelligence data that we collect.”

For SOFIA, G2 Ops established a data pipeline encompassing over a dozen open-source intelligence databases. This pipeline provides cybersecurity engineers with ready access to data that is typically constrained due to concerns that open-source intelligence can resemble malware and trigger protection mechanisms on Navy networks. G2 Ops scrubs and associates the data with the attack surface, creating a clean repository for risk scoring at various levels using SOFIA’s algorithms and hardware and software descriptions in the system models. The resulting risk assessments can be applied to missions, offering a customizable approach to mission risk assessment and quantifiable reduction in known cyber vulnerabilities, McCoy explained.

“The company was founded primarily as an engineering services provider,” Esser said. “But we started creating reusable tools to help our customers with applied digital engineering work



Evaluating Cyber Risk: G2 Ops' Tools and Methodologies Enhance Navy Capabilities... Continued

and intensive kinds of cyber analytics projects. It was at that point that we started looking at the SBIR program as a way to bring to life some of the capabilities that we were building. I use the term 'little i' innovation for what we were doing internally, and turning it into 'big I' innovation: formally funded capabilities with a Navy sponsor."

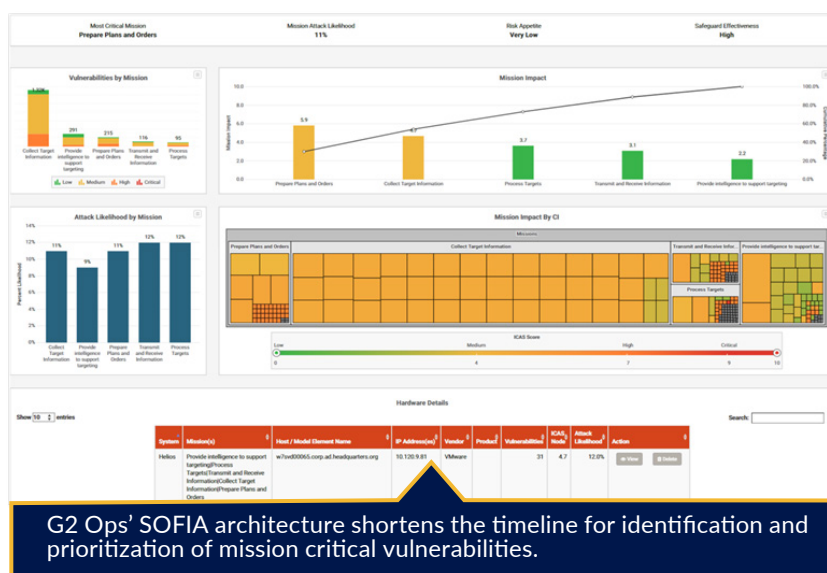
SOFIA was G2 Ops' first SBIR contract award. "The experience we've had with PEO IWS and the support we received allowed us to be innovative and bring the idea to life. We started to look at other opportunities as well and ended up winning a Phase II Air Force SBIR through a pitch day competition. The Commercial Derivative Aircraft Division, CDAD, was looking for a way to baseline their systems, the airframe, the interactions between them, and to do creative cyber analytics to understand the cyber posture of the entire platform. There are so many different systems, each with different attributes and capabilities, and they needed to understand the impact of different threat factors/vectors on the platform as a whole," Esser said.

"As a part of that Phase II effort for the Air Force, we created the Embedded Cyber Resiliency (ECR) tool suite. This included novel digital engineering modeling as well as new scripting capabilities that make it easier to ingest and output data. Then we came up with different ways to look at cyber vulnerability and a framework to evaluate vulnerability at the platform level. When we completed that Phase II, the Air Force didn't have an immediate path to Phase III. We got permission

to take the technologies to NAVSEA, which had just established a new directorate to manage digital engineering and cybersecurity. They awarded us a Phase III and now we're applying the tool suite and methodologies to NAVSEA's new cloud brokerage and a cybersecurity system they're building called SABER."

Esser continued, "The ECR suite was created with an airframe in mind, but it can be used to evaluate the cyber posture of any system, whether an enterprise network, a cloud environment or even a

single component. And because ECR is comprised of digital engineering tools and capabilities, the attack simulation can be an iterative process. As they make design decisions, we can help them understand, 'Yes, that was a good change, or no, it wasn't. You should consider this instead.'"



G2 Ops was founded a decade ago. "The founders all had Navy-related backgrounds and wanted to build a company that was going to be fun to work at. It may sound silly, but among the three founders, we'd all worked at 20 different organizations and we had an idea what the culture of a dynamic place to work would look like. We wanted to do important work for the Navy, to offer services that other companies were not providing, and to create a workplace people wanted to be a part of, where they could grow and develop their technical expertise. That's really what G2 Ops is," Esser explained.

"When we started in 2013, the Navy was embarking on a digital engineering transformation.

Evaluating Cyber Risk: G2 Ops' Tools and Methodologies Enhance Navy Capabilities... Continued

We saw that organizations across all the SYSCOMs were having a hard time making the transition; they didn't understand the benefits, or how to get started. We wanted to help the Navy understand why digital transformation is important, and how it would benefit both the acquisition community and the warfighter—the end user. That's been a big part of our success: We have picked up the hard problems and helped find solutions to them.”

The company has experienced remarkable growth, reaching 170 employees, and has been recognized as one of the fastest-growing companies in the United States by Inc. 5000 for six consecutive years.

“It's a business truism that if you're not growing, you're dying,” said Esser. “As soon as you win a contract, it's expiring. You

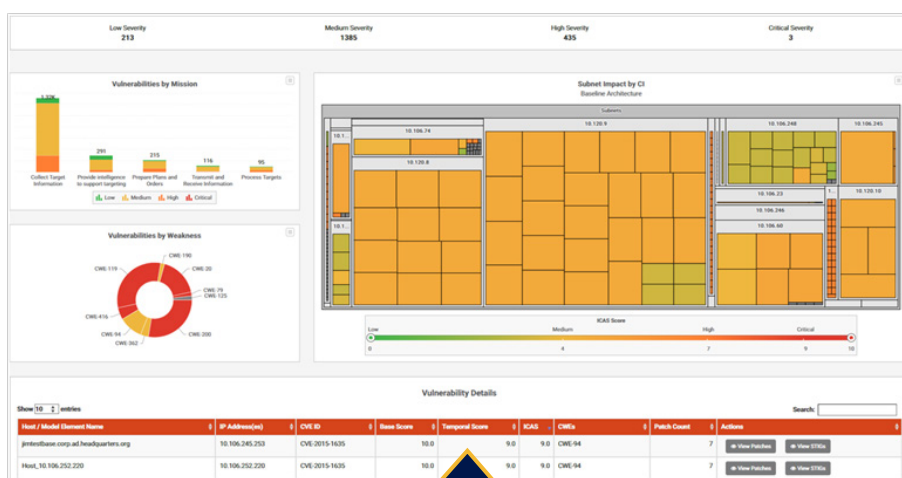
have one, two, maybe five years, and then you have to either go win it again or win something else. That being said, growth is not a singular purpose. Growth shows that you're expanding; you're providing more capability. We also think of it as building the foundation underneath the feet of our employees. That growth pace is indicative of how hard we have worked to build a foundation for our employees. Bringing in the absolute best possible people we can, and making them want to stay, is really important. Dr. McCoy is a great example. You need to surround yourself with fantastic people and you need to build an environment where people want to stay. That is a benefit to the Navy, to our customer base. When people want to stay, that institutional knowledge continues to grow and it

makes us better. And then we can help make the Navy better.”

Understanding the cyber posture of platforms is crucial, and the company's tools and methodologies provide a quantifiable and repeatable process for evaluating and reporting on cyber risk, McCoy explained.

“A lot of Navy technology consists of physical things that are fabricated. They're easier to

understand because you can touch them. Since evaluating cyber risk is something you can't touch, we strive to give the Navy tools for repeatable quantifiable processes that give them confidence in how they are reporting, either up vertically, or laterally. I think that's



G2 Op's mission-based cybersecurity risk management tool allows threat analysts to identify assets critical to mission essential functions and assets impacted by emerging attack vectors, to prioritize remediation strategies, and to gain new insights about the system.

the importance of having solutions like SOFIA and our ECR suite, because without them, you're just looking at a lot of data and you can't make any sense of it. We're trying to make sense of the information in a way that can be understood at every level, so everyone gets the same picture of where the risk lies.”

For more information on G2 Ops, visit the company website at <https://g2-ops.com/>. For information on Industrial Control System (ICS) Resiliency Information System (IRIS) A Model-Based Cyber Resiliency Suite, G2 Op's current Phase II project with the Navy, visit the Navy STP VTM at <https://vtm.navyfst.com/>.

The DoN CISO's Blue Cyber Initiative Supports DoN SBIR/STTR Small Businesses on Their Cybersecurity Journeys

By Kimberly Rouleau, Technical Writer

Funded by the DoN's Small Business Innovation Research (SBIR) Program, the DoN Chief Information Security Officer's Blue Cyber Initiative is a resource to support small business contractors on their cybersecurity journey. The DoN CISO's Blue Cyber education series is an early partnership with the defense industrial base (DIB) that enables small businesses to bake-in cybersecurity and move forward at the speed of innovation. Pairing small businesses with the most modern cyber protection methods in the industry better positions DIB small businesses to protect sensitive information and networks just as soon as they have a contract to innovate for the DoN.

Kelley Kiernan is the founder, CTO, and director of the Blue Cyber initiative. She works for Bob Smith, the DoN SBIR/STTR director. "The mission of Blue Cyber is very simple: to ensure that no Department of Navy contractor or potential contractor has any cybersecurity or information protection questions," Kiernan said. "A small business's cybersecurity journey includes things like protecting your intellectual property, because all Phase II SBIR/STTR firms are generating intellectual property. And, as you generate intellectual property on a government contract, that becomes controlled unclassified information. Small businesses want to protect their intellectual property. The DoN wants to protect controlled unclassified information. We all have the same goals.

"Our adversaries and cyber criminals are phishing our U.S. small businesses at an astounding rate. There are many basic protections to help a small business secure its livelihood against cybercrime," Kiernan said. "These

businesses must have the robust cybersecurity required by their contracts in place when the contract begins."

The Blue Cyber Initiative supplies small businesses with resources to support them on their cybersecurity journey. All Blue Cyber events are free and open to the public. The Blue Cyber website features 40 free modules on cybersecurity and information protection. Kiernan offers Cybersecurity Ask-Me-Anything webinars every Tuesday at 1 p.m. Eastern and a monthly cybersecurity boot camp. Once a month, Kiernan hosts a webinar which covers the 15 security requirements in the FAR 52.204-21 that make up basic cyber hygiene for small businesses. Additionally, Kiernan offers office hours with SBIR/STTR and U.S. small businesses to answer questions and connect them with resources. The Blue Cyber Initiative website and link to sign up for office hours can be accessed here: <https://www.safcn.af.mil/CISO/Small-Business-Cybersecurity-Information/>. Small businesses can sign up for Blue Cyber webinars and boot camps at SBIR.gov at this link: www.sbir.gov/events.

Kiernan summarized the purpose of DoN CISO's Blue Cyber Initiative: "We must match the aggressiveness of our cyber adversaries with radical teamwork to bring our small businesses up to speed in the most modern methods for comprehensive protection of DoN sensitive data and networks."



Navy STP Adds Prime Liaison Position to Foster Transition Opportunities Between Small Businesses and Defense Primes

By Jennifer Reisch, Navy STP Managing Editor

The ultimate goal of the Navy SBIR Transition Program (Navy STP) is to support participating small businesses to transition their technology to a follow-on Phase III contract, delivering capability to warfighters. That Phase III contract could come from a Navy program office or a defense prime contractor. With the goal of transition in mind, Navy STP added a prime liaison role to the program during the past cohort year.

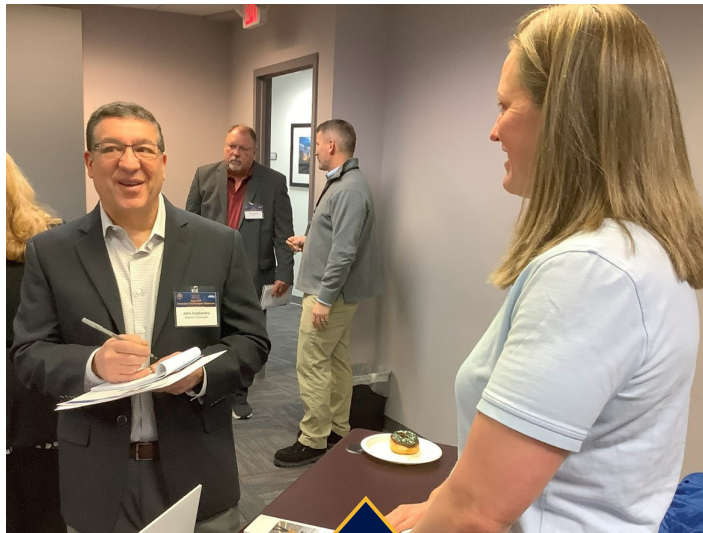
The prime liaison works with defense prime contractors to understand their requirements and the capability gaps that must be solved to increase warfighting capability, reduce sustainment costs on current program of record contracts, and address market adjacency requirements to meet future requirements.

Once the needs of the defense contractor are understood, the prime liaison works to match Navy STP small businesses' innovative technologies with prime requirements to deliver warfighting capability to the Navy.

"While the Navy STP program was really heading in a good direction, one of the gaps was someone to work more closely with all the defense prime contractors," explained Don Williamson, Navy STP's prime liaison. "While we have a team of business consultants who work with all of our small businesses to provide coaching, training, and mentoring, I was hired to develop and enrich relationships with the defense primes."

The prime liaison attends all Navy STP Showcase events and other Navy community tradeshow and industry events. This direct contact with primes stimulates collaboration and a positive working relationship with them. "Big commercial trade shows are great venues to meet a lot of the prime representatives," Williamson explained.

"I'm looking for what the primes need in three areas: gaps in current programs of record, such as more



A representative from Raytheon Technologies meets with a small business participating in the Navy STP.

fighting capability gaps that the primes identify; opportunities to lower sustainment costs; and emerging technology needs."

Williamson generally reaches out to three different groups within the primes. "Almost always my first contact is with contracting people; that's typically where the small business office and the small business contracts reside in their supplier diversity or supplier teams. And those folks are absolutely great. They really know a lot about the SBIR program."

Next Williamson reaches out to product line program managers and engineering managers. "Those are the people who understand the gaps in their programs or a capability that they're trying to add. I'm trying to get to the technical people who have the actual need for emerging technology that can be solved by our small businesses."

Third, some defense primes have their own science and technology or advanced development groups looking for emerging technologies. "Those people are looking down range further, and they can be very helpful in looking for earlier development from small businesses with lower TRLs," he said.

Navy STP Adds Prime Liaison Position to Foster Transition Opportunities... Continued

"Typically after I develop initial points of contact, Paul Cole, who is the Navy STP program manager, Eric Patten, our business consultant team lead, and I will get on a phone call with the prime and share an overview of the Navy STP program, the Navy STP website and the Navy STP Virtual Transition Marketplace. I think it's fair to say that all the primes that we've dealt with so far have heard of the SBIR program but very few of them had heard of Navy STP and perhaps only one or two had ever seen or used the Navy STP VTM. I would say every conversation we've had has been very well received. They think the Navy STP program we have is phenomenal and they've been very impressed with the maturity of the VTM."

Primes that supported the 2022-2023 cohort include:

- Lockheed Martin Corporation
- The Boeing Company
- Raytheon Technologies
- Northrop Grumman
- BAE Systems
- General Dynamics
- L3Harris Technologies
- Huntington Ingalls Industries

Williamson has organized technical interchange meetings (TIMs) with several primes. "In a TIM we set up and facilitate a conversation between a defense

prime and one or more of the small businesses from our current cohort. We had TIMs with one defense prime that was a three-hour block with six small businesses presenting. The prime had their corporate people and business units participate on the call the entire three hours, and then in 30-minute blocks each small business presented. Most of our calls have been between a prime and just one small business.

Always our goal is to match up a prime with a small business to help lead to that transition, to find pathways for these small business transitions."

Williamson finds his work very fulfilling. "It's very rewarding for me to see some of these small businesses find successful pathways given my Navy background, and I'm a huge advocate of small businesses. I think the small businesses really appreciate our advocacy on their behalf."

In the current year, the prime liaison will hold quarterly visits with

primes and quarterly TIMs between primes and participating small businesses. "With time, I think we'll be even more successful in getting more transitions," Williamson said.

For more information on Navy STP and participating small businesses, visit the Navy STP VTM at <https://vtm.navyfst.com/> or the Navy STP website at <https://navystp.com/>.

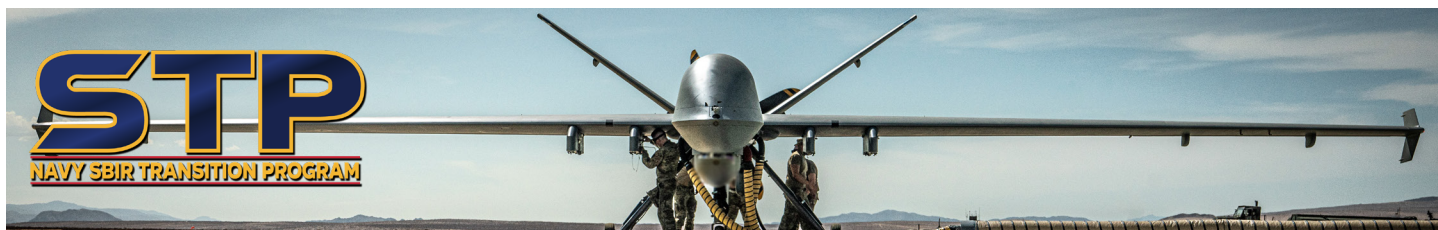


A representative from Sikorsky, a Lockheed Martin Company, discusses innovative Navy Technology with Navy STP participants.

Upcoming Events

DATE	EVENT & LINK	LOCATION
Nov. 27-Dec. 1	I/ITSEC 2023 https://www.iitsec.org/	Orlando, Florida
Dec. 5-6	Arctic Operations https://www.navalengineers.org/	Baltimore
Jan. 8-12	AIAA SciTech Forum https://www.aiaa.org/SciTech	Orlando, Florida
Jan. 9-11	FloCon 2024 https://resources.sei.cmu.edu/newsevents/events/flocon/index.cfm	Mobile, Alabama
Jan. 9-11	Surface Navy Association Symposium http://www.navysnaevents.org/national-symposium/	Crystal City, Virginia
Jan. 21-24	IEEE Radio & Wireless Week https://www.radiowirelessweek.org/	San Antonio
Feb. 6-8	SmallSat Symposium https://2023.smallsatshow.com/	Mountain View, California
Feb. 12-14	Air Force Association Warfare Symposium https://www.afa.org/events/2024-afa-warfare-symposium	Aurora, Colorado
Feb. 13-15	WEST 2024 https://www.westconference.org	San Diego
Feb. 20-27	AAI Conference on Artificial Intelligence https://aaai.org/aaai-conference/	Vancouver, British Columbia
Feb. 24-28	Pittcon https://pittcon.org	San Diego
Feb. 26-28	2024 Tactical Wheeled Vehicles Conference https://www.ndia.org/events/2024/2/26/4530-twv-2024	Charlotte, North Carolina
Feb. 26-29	DistribuTECH Conference & Exhibition https://www.distributech.com/welcome	Orlando, Florida
Feb. 29-March 1	Aero-Engines Americas https://www.aeroenginesusa.com/en/home.html	Miami
March 2-9	International IEEE Aerospace Conference https://aeroconf.org/	Big Sky, Montana
March 12-14	SAE International AeroTech https://www.sae.org/attend/aerotech	Charlotte, North Carolina
March 18-21	Satellite 2024 https://www.satshow.com/	Washington
March 25-28	International Wireless Communications Expo (IWCE) https://www.iwceexpo.com/	Orlando, Florida

First Look: A Snapshot of This Year's Navy STP Participants



The following pages provide a first look at the innovative Phase II companies currently enrolled in the Navy SBIR Transition Program (Navy STP). The companies are listed by SYSCOM in alphabetical order, under Office of the Secretary of Defense Communities of Interest (Col) categories most appropriate to their technology. If you see something of interest and want to know more, please contact the company directly. Corporate information and technology quad charts, abstracts, thumbnail descriptions, and company capability brochures for the companies listed below will be available through the Navy STP Virtual Transition Marketplace (Navy STP VTM) online database of innovative Phase II SBIR/STTR technologies in December 2023. You can access the VTM at: <https://vtm.navyfst.com/>.

Small businesses will present their technologies at one Navy STP Showcase or Technical Information Exchange: WEST 2024, to be held Feb. 13-15, 2024, in San Diego; the NAVAIR and NAVSEA Technical Information Exchange, to be held March 12-13, 2024, in Washington; or Sea-Air-Space 2024, to be held Apr. 8-10, 2024, in National Harbor, Maryland.

Advanced Electronics	Navy SBIR Transition Program (Navy STP) Participants					
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
	NAVAIR					
	Chiral Photonics, Inc.	N182-102	Dan Neugroschl	973-732-0030	dann@chiralphotonics.com	Sea-Air-Space
	Multicore Fiber Optic Connector for Wideband Digital and Analog Photonic Links					
	Intellisense Systems, Inc.	N192-079	Marc SeGall	310-320-1827	msegall@intellisenseinc.com	SYSCOM Exchange
	Unmanned Airborne Reconfigurable Naval Communications Network					
	Bascom Hunter Technologies	N202-099	Samuel Subbarao	225-283-2158	subbarao@bascomhunter.com	SYSCOM Exchange
	Implementing Neural Network Algorithms on Neuromorphic Processors					
	Maxxen Group LLC	N20A-T005	Terence Lee	703-346-0626	terence@maxxengroup.com	WEST
	Quantum Optical Semiconductor Chip and its Application to Quantum Communication					
	TPL, Inc.	N212-D03	Kirk Slenes	505-342-4437	Kslenes@hotmail.com	Sea-Air-Space
	Direct to Phase II Electrical Capacitors for High-Temperature Power Conversion					
	NAVSEA					
	AOSense, Inc.	N211-067	Igor Teper	408-636-2626	iteper@aosense.com	Sea-Air-Space
Atomic Inertial Sensor as an Alternate Position Source						

First Look...continued

Navy SBIR Transition Program (Navy STP) Participants					
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Advanced Electronics	NAVWAR				
	Critical Frequency Design, LLC	N202-135	Dave Wood	321-720-2244	dave.wood@criticalfrequency.com SYSCOM Exchange
	Model Based Systems Engineering for Tactical Data Link Systems				
	ONR				
	MaXentric Technologies LLC	N211-086	Toshifumi Nakatani	858-255-1351	tnakatani@maxentric.com Sea-Air-Space
	N-Polar Gallium Nitride High Electron Mobility Transistor in Low-Cost Process Technology for mm-wave Transceiver Applications				
	SSP				
	XL Scientific, LLC (dba Verus Research)	N202-143	Jonathon Heinrich	505-843-1316	jonathon.heinrich@verusresearch.net WEST
Air Platforms	Plasma Switches and Antennas for Contested Electromagnetic Environments				
	MCSC				
	GreenSight	N211-D01	James Peverill	339-237-1291	james@greensighttag.com WEST
	Direct to Phase II Size/Weight Optimized Compact-Prime Power Generator (CPPG) Technologies				
	NAVAIR				
	SeaLandAire Technologies, Inc.	N08-023	Wynn Curry	517-784-8340	wcurry@sealandaire.com Sea-Air-Space
	Precision High Altitude Sonobuoy Emplacement (PHASE)				
	ES3 (Engineering & Software System Solution, Inc.)	N121-043	Chad Forrest	801-928-2721	chad.forrest@es3inc.com WEST
	Landing Gear Structural Health Prognostic/Diagnostic System				
	Engin LLC	N191-009	Jeffrey Haas	757-672-4200	haas.jeffrey.l@gmail.com Sea-Air-Space
	Reusable MATPAC Packaging System for Expeditionary Airfields				
	AVNIK Defense Solutions, Inc.	N192-065	Michele Kochoff Platt	256-682-6261	michele.platt@avnikdefense.com Sea-Air-Space
	Artificially Intelligent Object with Virtual Presentation of Engineering and Logistics Data				
	Avatar Partners, Inc.	N201-008	Scott Toppel	757-268-8677	stoppel@avatarpartners.com WEST
	Augmented Reality and Aircraft Wiring				
	Systems & Processes Engineering Corporation (SPEC)	N202-107	Brad Sallee	NA	sallee@spec.com Sea-Air-Space
	Radio Communication with Hypersonic Aerial Vehicle				

First Look...continued

Navy SBIR Transition Program (Navy STP) Participants						
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Air Platforms	HF Designworks, Inc.	N202-112	Scott Scheff	720-316-6341	scottscheff@hfdesignworks.com	SYSCOM Exchange
	Multi-Domain Data Fusion Instructional Strategies and Methods for Pilot Training					
	Advanced Ceramic Fibers, LLC	N202-128	John Garnier	208-881-4746	jgarnier@acfibers.com	Sea-Air-Space
	Innovative Approaches in Design and Fabrication of 3D Braided Ceramic Matrix Composites (CMC) Fasteners					
	ONR					
	Engineering and Scientific Innovations, Inc.	N20A-T022	Michael Perrino	513-605-3700	perrino@esi-solutionsinc.com	SYSCOM Exchange
	Measurements of Wall-Shear-Stress Distribution in Hypersonic Flows					
	Precision Combustion, Inc.	N212-127	Codruta Loebick	NA	cloebick@precision-combustion.com	SYSCOM Exchange
	High-Temperature Fuel Coking Mitigation Frangible Coatings for Fuel Nozzles and Screens					
	Candent Technologies Incorporated	N21A-T017	Emanuel Papandreas	317-336-4477	manny@cantent-technologies.com	Sea-Air-Space
Autonomy	Compact Electric Compressors for Aerospace Applications					
	NAVAIR					
	Aptima, Inc.	N193-145	Georgiy Levchuk	781-496-2467	georgiy@aptima.com	WEST
	Defensive Coordinator for Autonomous Countermeasure Systems					
	ChromoLogic LLC	N202-108	Matthew Brehove	424-210-0394	mbrehove@chromologic.com	SYSCOM Exchange
	Modeling Neuromorphic and Advanced Computing Architectures					
	Probus Test Systems Inc.	N221-D02	Manuel Fuentes	732-861-9948	mfc@probussys.com	Sea-Air-Space
	Direct to Phase II Flight Operations Planning Decision Aid Tool for Strike Operations Aboard Aircraft Carriers					
	NAVSEA					
	UtopiaCompression Corporation	N151-026	Riten Gupta	310-473-1500	riten@utopiacompression.com	SYSCOM Exchange
	Small Non-Cooperative Collision Avoidance Systems Suited to Small Tactical Unmanned Systems					
	Black River Systems Company, Inc.	N191-036	Jonathan Soli	315-368-1886	soli@brsc.com	Sea-Air-Space
	Big Data Tools for High-speed Threat Detection and Classification					
	UtopiaCompression Corporation	N193-A02	Riten Gupta	310-473-1500	riten@utopiacompression.com	Sea-Air-Space
	NAVY Technology Acceleration Unmanned Surface Vehicle (USV) and Unmanned Underwater Vehicle (UUV) Autonomous Behavior Development					

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Navy SBIR Transition Program (Navy STP) Participants						
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Autonomy	Daniel H. Wagner Associates, Incorporated	N201-027	Brian Ray	757-727-7700	brian.ray@va.wagner.com	Sea-Air-Space
	Artificial Intelligence Software-Based Autonomous Battle-space Monitoring Agent for a Distributed Common Operational Picture Software Subsystem					
	XAnalytix Systems	N201-060	Steven Szklany	716-799-4580	steven.szklany@xanalytixsystems.com	WEST
	Unmanned Passive Navigation without GPS					
Battlespace Environments	ONR					
	Scientific Systems Company, Inc.	N07-096	Gavin Strunk	781-933-5355 x304	gavin.strunk@ssci.com	WEST
	Autonomous, Cooperative Behavior Amongst Unmanned Surface Vehicles					
	NAVAIR					
Command, Control, Communications, Computers, & Intelligence	adtech photonics, Inc.	N20B-T029	Shashank Jatar	626-956-1000	shashank.jatar@atphotonics.com	Sea-Air-Space
	Accelerated Burn-In Process for High Power Quantum Cascade Lasers to Reduce Total Cost of Ownership					
	NAVSEA					
	Arete Associates	N192-120	Peter Rusello	703-413-0290 x4038	prusello@arete.com	SYSCOM Exchange
Command, Control, Communications, Computers, & Intelligence	Small-Scale Velocity Turbulence Sensors for Undersea Platforms					
	ONR					
	ObjectSecurity LLC	N212-122	Ulrich Lang	650-515-3391	ulrich.lang@objectsecurity.com	SYSCOM Exchange
	Characterizing 5G vulnerabilities in an expeditionary environment					
	DON					
	PW Communications	AF191-005	Amanda Bresler	301-231-7233	abresler@pwcommunications.com	SYSCOM Exchange
	Open Call for Innovative Defense-Related Dual-Purpose Technologies/Solutions with a Clear Air Force Stakeholder Need					
	MCSC					
	VR Rehab, Inc. (VRR)	N202-090	Peter Crane	602-312-6001	pcrane@virtualrealityrehab.com	WEST
	Single Amphibious Integrated Precision Augmented Reality Navigation (SAIPAN) System					
	NAVAIR					
	Jove Sciences, Inc.	N132-135	James Wilson	714-403-2482	jwilson@jovesci.com	SYSCOM Exchange
	Fusion in a Cloud					

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Navy SBIR Transition Program (Navy STP) Participants					
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/Exchange
MaXentric Technologies LLC	N192-091	Brian Woods	201-266-0849	bwoods@maxentric.com	SYSKOM
Line-of-Sight (LOS) Low Probability of Detection/Intercept (LPD/LPI) Millimeter Wave Communication					
Intraband LLC	N211-015	Robert Marsland	608-216-6920	rmarsland@intraband.net	WEST
Long-Wave Infrared Transceivers for High Speed Free Space Optical Communications in Adverse Weather Conditions					
NAVSEA					
Aptima, Inc.	N191-017	Chad Weiss	937-490-8017	cweiss@aptima.com	SYSKOM Exchange
Enhanced Visualization for Situational Understanding					
FoVi 3D	N19B-T036	Thomas Burnett	512-762-2112	tburnett@fovi3d.com	WEST
Three Dimensional Field of Light Display					
Daniel H. Wagner Associates, Incorporated	N201-043	Reynolds Monach	757-727-7700	reynolds@va.wagner.com	WEST
Holistic Integration of Air Anti-Submarine Warfare Capability for Effective Theater Undersea Warfare					
Innovative Defense Technologies	N201-050	Brandon Hogge	757-812-9392	bhogge@idtus.com	WEST
Real-time Insights for Combat System Integration and Testing					
Sonalysts, Inc.	N211-046	Matthew Ferrier	860-961-4311	mferrier@sonalysts.com	WEST
Undersea Warfare Decision Support System Coalition Data Parser & Advanced Display					
NAVWAR					
Advanced Cooling Technologies, Inc.	N172-137	Jens Weyant	717-205-0665	Jens.Weyant@1-act.com	Sea-Air-Space
Advanced Cooling Technologies for Multifunctional Information Distribution System (MIDS) Terminals					
Fuse Integration, Inc.	N181-007	Dell Kronewitter	619-255-0668	dell.kronewitter@fuseintegration.com	WEST
Robust Communications Relay with Distributed Airborne Reliable Wide-Area Interoperable Network (DARWIN) for Manned-Unmanned Teaming in a Spectrum Denied Environment					
Phase Sensitive Innovations, Inc.	N203-149	Tim Creazzo	302-286-5191	creazzo@phasesensitiveinc.com	Sea-Air-Space
Advanced Radio Frequency (RF) Photonic Integrated Circuit (PIC)					
Phase Sensitive Innovations, Inc.	N203-149	Chase Stine	302-286-5191	stine@phasesensitiveinc.com	SYSKOM Exchange
Advanced Radio Frequency (RF) Photonic Integrated Circuit (PIC)					

Command, Control, Communications, Computers, & Intelligence

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Navy SBIR Transition Program (Navy STP) Participants						
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Command, Control, Communications, Computers, & Intelligence	Machina Cognita Technologies, Inc.	N211-079	Jonathan Day	703-597-9686	jonathan.day@machinacognita.com	Sea-Air-Space
	Enhanced Situational Awareness Through Smart Geospatial Comparative Analysis					
	GIRD Systems, Inc.	N211-080	James Caffery	513-281-2900 x103	jcaffery@girdsystems.com	SYSCOM Exchange
	Wideband Interference Suppression for Dynamic-range OptiMization (WISDOM)					
	ONR					
	Scientific Toolworks, Inc. (d.b.a. Scoring Technologies)	N193-A03	Kenneth Nelson	435-703-2897	ken@scoringtech.com	Sea-Air-Space
	NAVY Technology Acceleration Advanced Technologies (including AR/VR) for Manpower, Personnel, Training, and Education					
	Soar Technology, Inc.	N202-126	Charles Newton	407-636-0972	charles.newton@soartech.com	SYSCOM Exchange
	Scenario Development and Enhancement for Military Exercises					
	Galois, Inc.	N211-083	David Darais	503-626-6616	darais@galois.com	SYSCOM Exchange
	Automated Formal Verification of Software Defined Network Implementations					
	SSP					
	Scientific Toolworks, Inc. (d.b.a. Scoring Technologies)	N201-081	Kevin Groke	435-879-9926	groke@scitools.com	Sea-Air-Space
	Automatic Coding Standards Validation Tool					
Cyber	Boston Fusion Corp.	N201-085	Julia Mertens	860-436-8486	julia.mertens@bostonfusion.com	SYSCOM Exchange
	Machine Learning-Based Data Analysis					
	NAVSEA					
	Scientific Toolworks, Inc. (d.b.a. Scoring Technologies)	N201-081	Kevin Groke	435-879-9926	groke@scitools.com	Sea-Air-Space
	Multi-Instruction Set Architecture (ISA) Processing with a Peripheral Component Interconnect express (PCIe)					
	AVIRTEK, Inc.	N211-058	Youssif Al-Nashif	520-548-4814	youssif.alnashif@avirtek.com	SYSCOM Exchange
	Automated Unmanned Systems (UxS) Boundary Protection Capability					
	ONR					
	BlueRISC Inc.	N201-076	Kristopher Carver	413-359-0599	kris@bluerisc.com	SYSCOM Exchange
	At-Scale Detection of Hardware Trojans on Chip Circuits					

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Navy SBIR Transition Program (Navy STP) Participants						
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Cyber	Dignitas Technologies, LLC	N211-088	Omar Hasan	407-601-7847	ohasan@dignitastechnologies.com	SYSCOM Exchange
	Live, Virtual, and Constructive Cyber Battle Damage Assessment for Training					
Electronic Warfare	NAVAIR					
	NP Photonics, Inc.	N191-010	Xiushan Zhu	520-225-7076	XZhu@npphotonics.com	SYSCOM Exchange
	Miniature Diode-Pumped Solid State Laser for Military and Aerospace Environments					
	Integrated Solutions for Systems	N201-010	Zac Shotts	205-546-9879	zac.shotts@is4s.com	Sea-Air-Space
	Compact Source for Focused and Tunable Narrowband Radio Frequency					
	Vadum	N202-121	Laura Tolliver	919-341-8241 x 175	laura.tolliver@vaduminc.com	SYSCOM Exchange
	Identifying and Characterizing Cognitive Sensor Systems in Tactical Environments					
	Intellisense Systems, Inc.	N211-009	Wenjian Wang	310-320-1827	wwang@intellisenseinc.com	Sea-Air-Space
	Cyber Protection for Physical Avionics Data Inputs to Navy Platforms					
	NAVWAR					
	Indiana Microelectronics LLC	N11A-T016	Eric Hoppenjans	765-237-3397	Eric@IndianaMicro.com	Sea-Air-Space
	Tunable Bandstop Filters for Suppression of Co-site Interference and Jamming Sources					
Energy & Power Technologies	MagiQ Technologies, Inc.	N211-080	Mark Lucas	617-661-8300	mark.lucas@magiqtech.com	SYSCOM Exchange
	Wideband Interference Suppression for Dynamic-range OptiMization (WISDOM)					
	ONR					
	Scientific Applications & Research Associates, Inc.	N211-087	Landon Collier	719-302-3117 x8684	LCollier@sara.com	SYSCOM Exchange
	Solid State High Voltage Power Module Development and Packaging for High Power Microwave Drivers					
	MCSC					
	Wecoso, Inc.	N153-129	Carl Kirkconnell	714-222-0424	carlk@wecoso.com	SYSCOM Exchange
Energy & Power Technologies	Ultra-lightweight and Compact Hybrid System					
	NAVAIR					
	Hepburn and Sons LLC	N21B-T020	Patrick Lewis	571-383-0834	patrick.lewis@hepburnandsons.com	SYSCOM Exchange
	Compact, Hatchable Transformer Rectifier					

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Navy SBIR Transition Program (Navy STP) Participants						
Company / Topic Title		Topic #	POC	Phone	POC Email	Showcase/ Exchange
Energy & Power Technologies	NAVSEA					
	Physical Sciences Inc.	N152-093	Christopher Lang	978-738-8125	lang@psicorp.com	Sea-Air-Space
	Innovative, High-Energy, High Power, Light-Weight Battery Storage Systems Based on Li-air, Li-sulfur (Li-S) chemistries					
	Energy to Power Solutions	N19A-T016	Chris Rey	865-250-0237	cmrey@e2pco.com	Sea-Air-Space
	Quench Monitoring and Control System for High-Temperature Superconducting Coils					
	ONR					
	Luna Labs USA, LLC	N202-132	Bryan Koene	NA	Bryan.Koene@lunalabs.us	SYSCOM Exchange
	Novel Methods to Mitigate Heat Exchanger Fouling					
Ground and Sea Platforms	MCSC					
	Triton Systems, Inc.	N201-004	Van Livieratos	978-856-1904	vlivieratos@tritonsys.com	SYSCOM Exchange
	Small High-Speed Amphibious Role-Variant Craft (S.H.A.R.C.)					
	NAVAIR					
	NAVSYS Corporation	AF141-253	Alison Brown	719-481-4877	abrown@navsys.com	Sea-Air-Space
	Disruptive Military Navigation Architectures					
	NAVFAC					
	Triton Systems, Inc.	N193-148	Jeff Gilbert	978-856-4211	jgilbert@tritonsys.com	Sea-Air-Space
	Unmanned Underwater Vehicle (UUV) Technology to Enable Readiness of Navy Ranges					
	NAVSEA					
	Physical Sciences Inc.	N192-098	Alex Moerlein	617-872-4983	amoerlein@psicorp.com	WEST
	Non-Explosive Wire Rope and Cable Cutter					
	Triton Systems, Inc.	N192-107	Jeff Gilbert	978-856-4211	jgilbert@tritonsys.com	Sea-Air-Space
	Quiet Launch for 6-Inch Externally Stowed Devices					
	Diversified Technologies, Inc.	N201-039	Michael Allen	781-275-9444	allen@divtecs.com	SYSCOM Exchange
	Power Dense Single Core Three-Phase Transformer					
	Fairlead Integrated, LLC	N201-061	James Culley	757-392-2810	jculley@fairleadint.com	Sea-Air-Space
	Mine Countermeasures Unmanned Surface Vehicle Common Deploy and Retrieve System					
Oceanic Imaging Consultants, Inc.	N211-036	Andrew Resnick	301-806-8309	rez@oicinc.com	WEST	
Innovative Simultaneous Localization and Mapping Techniques for Unmanned Underwater Vehicles						

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Navy SBIR Transition Program (Navy STP) Participants						
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange	
Ground and Sea Platforms	ONR					
	Diversified Technologies, Inc.	N162-119	Robert Phillips	781-275-9444	phillips@divtecs.com	Sea-Air-Space
	SiC-Based High Voltage Capacitor Charging Innovations					
	SSP					
	Pacific Engineering, Inc.	N102-144	Dale Tiller	402-430-4842	dale.tiller@pacificengineeringinc.com	SYSCOM Exchange
Human Systems	Hazardous Material Satellite Storage Lockers					
	MCSC					
	Corvid Technologies, LLC	N20A-T001	Kevin Lister	240-305-8718	kevin.lister@corvidtec.com	Sea-Air-Space
	Optimized Energy-Attenuating Seat Design for Ground Vehicles					
	NAVAIR					
	Intelligent Optical Systems, Inc.	N182-114	Kyle Brubaker	424-263-6315	kyleb@intopsys.com	WEST
	Real-Time, Effective Measurement of Dehydration Levels in Naval Aircrew					
	CFD Research Corporation	N201-011	Phillip Whitley	256-726-4800	phil.whitley@cfdr.com	Sea-Air-Space
	Minimization of Chronic Neck Pain in Military Aircrew and Vehicle Occupants					
	Concepts Beyond, LLC	N211-010	Chris Shannon	386-453-3929	cshannon@conceptsbeyond.com	WEST
	Cloud Based Air Traffic Control Training System					
	ONR					
	Intellisense Systems, Inc.	N181-086	Alexander Parfenov	310-320-1827	eos@intellisenseinc.com	Sea-Air-Space
	Cross-Domain Goggles with an Integrated, Illuminated Display					
	Charles River Analytics Inc.	N192-132	Spencer Lynn	617-459-3446	slynn@cra.com	SYSCOM Exchange
Accelerating Knowledge Acquisition for Close Combat Warriors						
Xiphos Partners, LLC	N193-A03	Matthew Sedgwick	508-991-1014	msedgwick@xiphos.partners	SYSCOM Exchange	
NAVY Technology Acceleration Advanced Technologies (including AR/VR) for Manpower, Personnel, Training, and Education						
Clearsens Inc.	N21A-T013	Feysel Yalcin Yamaner	919-600-1271	yalcin@clearsens.com	Sea-Air-Space	
Real-time Monitoring for Decompression Sickness						

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Navy SBIR Transition Program (Navy STP) Participants					
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
MARi, LLC	N21A-T016	John Carney	703-969-6800	john.carney@mari.com	Sea-Air-Space
Peer-to-Peer Knowledge Sharing: Curation Automation Engine					
NAVAIR					
ES3 (Engineering & Software System Solution, Inc.)	AF172-002	Jay Randolph	478-922-1460	jay.randolph@es3inc.com	Sea-Air-Space
Demonstration and Validation of Brush LHE Alkaline Zn-Ni as a Brush Cadmium (Cd) Alternative					
SciMax Technologies	N142-103	Joseph Bruno	631-405-9916	jbruno@simaxtech.com	Sea-Air-Space
Innovative CH-53K Cargo Floor System					
HygraTek LLC	N182-115	Michael Gurin	847-962-6180	mgurin@hygratek.com	WEST
Icephobic Coatings or Surface Treatments for Turbomachinery Ice Protection Applications					
VRC Metal Systems, LLC	N192-085	Rose Roy	978-821-1778	Rose.Roy@vrcmetalsystems.com	WEST
Rapid Repair of Corroded Fastener Holes					
Creare LLC	N202-117	Nicholas Kattamis	603-640-2533	ntk@creare.com	SYSCOM Exchange
Optimized Subtractive Manufacturing - Right Parts, Right Time, Every Time					
MolyWorks Materials Corporation	N212-107	Andrew LaTour	510-396-6140	andrewvlatour@gmail.com	Sea-Air-Space
Novel Feedstock Production System for Metallic Additive Manufactured Structural Parts and Repairs					
Peregrine Falcon Corporation	N192-100	Robert Hardesty	925-461-6800	rhardesty@peregrinecorp.com	SYSCOM Exchange
Passive Cooling for Aircraft Carrier Jet Blast Deflectors (JBD)					
ONR					
Peak Nano	N121-095	Michael Ponting	216-374-5190	mponting@peaknano.com	WEST
Development and Processing of Dielectric Films for Application in Large Wound Capacitors					
Goodman Technologies LLC	N201-072	Bill Goodman	505-400-8169	bgoodman@goodmantechologies.com	Sea-Air-Space
Aligned Nanotube Reinforcement of Polymer-matrix Laminates					
R3 Digital Sciences, Inc.	N20A-T018	Brent Roeder	540-907-3995	brent.roeder@r3-ds.com	SYSCOM Exchange
Intelligent Additive Manufacturing - Metals					
Elementum 3D Inc.	N211-085	Jeremy Iten	720-912-5161	jeremy@elementum3d.com	Sea-Air-Space
Developing Alloy Compositions Conducive to Additive Manufacturing					

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Navy SBIR Transition Program (Navy STP) Participants						
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange	
Modeling and Simulation Technology	MCSC					
	Tau Technologies LLC	N192-051	Stephen Sieck	505-244-1222	Stephen.sieck@tautechnologies.com	SYSCOM Exchange
	Wargaming Event Design, Scenario Development, and Execution Software Suite for Modeling and Simulation (M&S) Tool Automation					
	NAVAIR					
	Dignitas Technologies, LLC	N141-006	Shawn Shiftlett	407-601-7847	sshiftlett@dignitastechnologies.com	Sea-Air-Space
	Distributed Synthetic Environment Correlation Assessment Architecture and Metrics					
	Continuum Dynamics, Inc.	N172-109	Jeffrey Keller	609-538-0444	jeff@continuum-dynamics.com	SYSCOM Exchange
	Advanced Body Force Cueing for Dynamic Interface Simulation					
	BioMojo LLC	N201-009	Brandon Conover	919-740-5130	brandon@biomojo.com	WEST
	Software Framework for Integrated Human Modeling					
	Illinois Rocstar LLC	N20A-T004	Akash Patel	330-780-0493	apatel@illinoisrocstar.com	SYSCOM Exchange
	Hexahedral Dominant Auto-Mesh Generator					
	AURA Technologies, LLC	N211-003	Eric Strong	207-275-8319	estrong@aura-tech.us	SYSCOM Exchange
	Real-Time Detection, Location, and Isolation of High-Resistance, Wye Power System Ground Faults					
	Lone Star Analysis	N211-D02	Randy Allen	407-616-0918	rallen@lone-star.com	SYSCOM Exchange
	Direct to Phase II Cartridge Actuated Devices/Propellant Actuated Devices Digital Twin					
	NAVSEA					
	Arete Associates	N192-064	David Hamrick	850-585-7710	dhamrick@arete.com	WEST
	Real-Time Mapping from Over-Water Imagery					
	ONR					
	Metron, Inc.	N181-082	John Gebbie	503-593-3294	gebbie@metsci.com	SYSCOM Exchange
	Multi-Dimensional Ambient Noise Model					
	SSP					
	OptTek Systems, Inc.	N202-139	Shane Hall	303-447-3255	hall@opttek.com	SYSCOM Exchange
	Probability of Kill Modeling for Hypersonic Vehicle Missions					
	CFD Research Corporation	N211-097	Andrew Kaminsky	256-715-9035	andrew.kaminsky@cfrc.com	WEST
	Radar Seeker Model for Hypersonic Weapon Full Life Cycle Support					

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Navy SBIR Transition Program (Navy STP) Participants					
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Sensors	NAVAIR				
	Fenix Research Corporation	N201-017	Jin Lee	650-533-9546	yjlee@fenixr.com SYSCOM Exchange
	Modernization of the Laser Event Recorder				
	Cortana Corporation	N211-018	Andre Basovich	858-342-4644	abasovich@cortana.com WEST
	Non-Traditional Airborne Anti-Submarine Warfare (ASW) System				
	NAVSEA				
	Opto-Knowledge Systems, Inc. (OKSI)	N17A-T016	Tait Pottebaum	424-757-9139	tait.pottebaum@optoknowledge.com Sea-Air-Space
	Improved Infrared Imaging with Variable Resolution Achieved via Post-Processing				
	Senseseeker Engineering Inc.	N211-061	Nishant Dhawan	805-617-0337	nishant@senseseeker.com WEST
	Fast and Efficient Read-Out for Staring Focal Plane Arrays				
	MSI Transducers Corp.	N211-077	Eric Abercrombie	978-784-7535	eabercrombie@msitransducers.com SYSCOM Exchange
	Non-towed Broadband Acoustic Source				
	ONR				
	Physical Sciences Inc.	N19A-T023	Christopher Evans	978-738-8159	cevans@psicorp.com WEST
	Photonic-Integrated-Circuit Spectrometer				
	Snake Creek Lasers, LLC (d.b.a. Advanced Photonics Sciences)	N201-073	David Brown	607-760-4100	DBrown@apslasers.com Sea-Air-Space
	Low Phase Noise Laser for Radio Frequency (RF) Photonics				
	Lookin, Inc.	N202-125	Nezih Yardimci	734-546-1878	tolga.yardimci89@gmail.com SYSCOM Exchange
	Broadband Photoconductive Terahertz Focal Plane Arrays				
	Axalume Inc.	N202-131	Ashok Krishnamoorthy	732-687-5535	ashok@axalume.com Sea-Air-Space
	Intelligent Laser System for CBM+ of Naval Platforms				
	SSP				
	Physical Sciences Inc.	N201-082	Christopher Evans	978-738-8159	cevans@psicorp.com WEST
	Visible to Near-Infrared Integrated Photonics Development for Quantum Inertial Sensing				

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Navy SBIR Transition Program (Navy STP) Participants					
Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Sustainment	NAVAIR				
	Lynntech, Inc.	N202-100	Jady Stevens	979-764-2200	jady.stevens@lynntech.com SYSCOM Exchange
	Preload Indicating Hardware for Bolted Joints				
	NAVFAC				
	PAX Scientific Inc.	N202-123	Jayden Harman	415-256-9900	jharman@paxscientific.com Sea-Air-Space
	Generation of Hydrogen from Seawater, Powered by Solar PV, Leading to Cogeneration of Electricity and Potable Water				
	NAVSEA				
	Beacon Interactive Systems	N193-A01	Mike MacEwen	617-453-5501	mike.macewen@beaconinteractive.com SYSCOM Exchange
	NAVY Technology Acceleration Machine Learning (ML) and Artificial Intelligence (AI) to Develop Capabilities and Impact Mission Success				
	BHTechnology, LLC	N211-033	Aron Kain	845-369-6324	akain@bhtechnologyllc.com WEST
Weapons Technologies	Wireless Sensing to Improve Submarine Machinery Health Monitoring				
	NAVSUP				
	Sonalysts, Inc.	N182-123	Steven Juskiewicz	860-326-3801	sjuskiewicz@sonalysts.com Sea-Air-Space
	Clearinghouse for Subsistence Ordering & Receipt (CSOR)				
	ONR				
	Qualtech Systems, Inc.	N192-124	Sudipto Ghoshal	860-805-1828	sudipto@teamqsi.com WEST
	Digital Twin Technology for Naval Maintenance Training and Operations				
	MCSC				
	Physical Sciences Inc.	N201-002	Sean Torrez	978-738-8176	storrez@psicorp.com WEST
	Focused Directed Energy Antenna System (FoDEAS) for Long-Range Vehicle/Vessel Stopping with reduced overall system size, weight, power consumption, thermal cooling, and system cost (SWAP/C2)				
	Great Lakes Sound & Vibration, Inc.	N202-089	Kevin Nelson	906-482-7535	kevin@gslsv.com WEST
	Focused Enhanced Acoustic-Driver Technologies (FEAT) for Long Range Non-Lethal Hail and Warn Capabilities				
	NAVAIR				
	Advanced Global Services	AF06-350	Gennady Yumshtyk	888-748-1778	gyumshtyk@advancedglobalservices.com Sea-Air-Space
Medium Caliber Gun Barrel Bore Coatings					

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Navy SBIR Transition Program (Navy STP) Participants						
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase/ Exchange
Weapons Technologies	CoAspire, LLC	J201-CSO1	Doug Denny	703-915-0582	ceo@coaspire.com	Sea-Air-Space
	Open Call for Innovative Clear Defense-Related Dual-Purpose Technologies/Solutions with a Clear Air Force Stakeholder Need					
	TDA Research, Inc.	N151-025	Girish Srinivas	303-940-2321	gsrinivas@tda.com	Sea-Air-Space
	Ignition Composition with Low Moisture Susceptibility					
	Intellisense Systems, Inc.	N182-111	Oleg Galkin	310-320-1827	ogalkin@intellisenseinc.com	SYSCOM Exchange
	Propellant Grain Cracks Detection System					
	American Energy Technologies Company	N211-006	Igor Barsukov	847-414-6788	ibarsukov@usaenergytech.com	WEST
	Improving Performance of Solid Rocket Fuel through Advancements in Materials Science					
	NAVSEA					
	NP Photonics, Inc.	N191-028	Xiushan Zhu	520-225-7076	XZhu@np Photonics.com	SYSCOM Exchange
	Stimulated Brillouin Scattering (SBS) and Other Nonlinear Suppression for High Power Fiber Delivery System for Navy Platform High Energy Laser (HEL)					
	ONR					
	ASR Corporation	A16-123	Michael Abdalla	505-830-3000	mda@asrcorporation.com	SYSCOM Exchange
	Miniaturization of high average power, high peak power, wide bandwidth antennas					
	Physical Sciences Inc.	N211-084	Athanasios Moshos	978-738-8149	amoshos@psicorp.com	Sea-Air-Space
	Low Cost, Single Use Precision Aiming Device for Explosive Ordnance Disposal Disrupters and Tools					
	SSP					
	Intellisense Systems, Inc.	N192-137	Oleg Galkin	310-320-1827	ogalkin@intellisenseinc.com	SYSCOM Exchange
	Propulsion Monitoring for Use in Missile Space Applications					



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