

# STP

**NAVY SBIR TRANSITION PROGRAM**

*2022-23 Annual Report*



Department of the Navy



SBIR/STTR Transition Program



## Welcome



**F**unded through the Office of Naval Research, the Navy SBIR Transition Program (Navy STP) was created to get more innovative SBIR/STTR technology into the hands of Sailors and Marines as quickly as possible. We have pursued our mission to mentor and coach small businesses to guide them to find a path to transition. Established over 20 years ago, Navy STP is now an integral part of the U.S. Navy's transition ecosystem and continues to have an outsize impact on cohort members' ability to achieve a transition: Navy STP participating small businesses achieve a 68 percent greater likelihood of transitioning their technology than those that do not participate.

Each spring we welcome a new cohort of small businesses to our yearlong program, providing participating small businesses with the tools to make the right connections to improve their chances of transition. The Navy STP year is a whirlwind, straight from kickoff into educational webinars, creating marketing materials, one-on-one coaching and mentoring, tech talk recording, Navy STP Connect, and our showcases. In 2022-23 we coached 116 companies with 138 technologies, supporting their growth by providing directed market research and opportunities to connect with acquisition personnel.

As we've worked with small businesses developing innovative technologies, we've done some innovating ourselves. We added two new Navy STP services this year: Navy STP Connect and technical interchange meetings (TIMs) with Navy primes. Both offer our small businesses more opportunities to meet with decision makers who can transition innovative technology into the hands of our most important customer: the warfighter.

Thank you for reading this report to see for yourself how effective our program is. I hope you share my enthusiasm for the work done by Navy STP to help small businesses transition their Navy SBIR/STTR technologies. Next, please visit the Navy STP Virtual Transition Marketplace at <https://vtm.navyfst.com/> to see what our small business participants have to offer our Sailors and Marines, other services and government agencies, and the commercial sector.

Sincerely,

Steve Sullivan  
Navy STP Program Manager

## The SBIR/STTR Program



Mr. Robert Smith, Director,  
Department of Navy  
SBIR/STTR Program

The Small Business Innovation Research (SBIR) program was established in 1982 by the Small Business Innovation Development Act. The highly competitive SBIR and Small Business Technology Transfer (STTR) programs encourage domestic small businesses to engage in federal research/ research and development (R/R&D) with potential for commercialization and government use. The SBIR/STTR program is the primary vehicle through which the federal government funds small technology companies to perform R&D projects. The programs are among the largest sources of non-dilutive early-stage capital for technology commercialization in the United States. These programs are coordinated by the Small Business Administration and intend to help select small businesses conduct research and development. Funding takes the form of contracts within 11 federal agencies, including the

Navy, and has three phases of funding.

The mission of the SBIR/STTR programs is to support scientific excellence and technological innovation through the investment of federal research funds in critical American priorities to build a strong national economy.

The program's goals are to:

- Stimulate technological innovation.
- Meet federal research and development needs.
- Foster and encourage participation in innovation and entrepreneurship by women and socially or economically disadvantaged persons.
- Increase private-sector commercialization of innovations derived from federal research and development funding.

In addition, the STTR program aims to foster technology transfer through cooperative R&D between small businesses and research institutions.

The Navy SBIR program focuses on supporting small businesses in developing innovative solutions that can enhance operational capabilities, improve efficiency, and address Navy-specific needs and requirements. The Navy has participated since the inception of both

**The SBIR/STTR Program...Continued**

programs. The Navy SBIR/STTR programs are led by Robert Smith in the Office of Naval Research NavalX Accelerator Department. Eight Navy System Commands participate in the Navy's SBIR/STTR programs: Naval Sea Systems Command (NAVSEA), Naval Air Systems Command (NAVAIR), Office of Naval Research (ONR), Marine Corps Systems Command (MCSC), Naval Information Warfare Systems Command (NAVWAR), Naval Supply Systems Command (NAVSUP), Naval Facilities Engineering Systems Command (NAVFAC), and Strategic Systems Programs (SSP).

The Department of Navy has the best transition rates within the Department of Defense, including over \$1 billion in fiscal year 2022 alone. From 2015 through 2019, small businesses that participated in Navy STP had a 68% greater likelihood of transitioning their SBIR/STTR technologies within the Navy and a 63% greater likelihood of transitioning within the DoD than the small businesses that did not participate.

***“It’s hard to identify the ‘best’ part of Navy STP because it has several incredibly valuable features. The webinars provide useful insights into the SBIR program and helpful instructions for completing the STP deliverables. The support in development of the presentation and shepherding through the PAO process provide an extremely valuable resource to market the new technology. And the market research report identified numerous points of contact within DoD and industry that we have not previously met. But possibly the best part may be the STP Connect virtual event that makes it easy to schedule and conduct meetings with various program offices within the Navy, as well as other DoD agencies and industry big prime contractors. It’s been a great way to engage with potential customers. Of course, successful STP Connect meetings are a result of the marketing skills and materials built up through the course of the STP webinars and deliverables.”***

James Morrison, McQ Inc.

## The Navy SBIR Transition Program

**F**unded by the Office of Naval Research NavalX Accelerator Department, the Navy SBIR Transition Program (Navy STP) is a specialized initiative within the U.S. Navy that supports the transition of innovative technologies developed by small businesses from the research and development (R&D) phase to practical use within the Navy. For over 23 years, the Navy STP has been the transition program connecting Navy SBIR/STTR-funded technologies with warfighters, government acquisition and technical personnel, prime contractors, system integrators, and other potential partners and collaborators.

Small businesses with active Navy SBIR/STTR Phase II contracts are invited to participate in the Navy STP, generally in the first or second year of their Phase II. In the 2022-23 cohort there were 138 projects in the program.



The Navy STP assists participating small businesses in navigating the transition process. With the ultimate goal of helping participants transition their Navy SBIR/STTR technology, the program provides a range of resources and support. The Navy STP undertakes various tasks to aid small businesses in their transition, including:

- **Collaborate:** Small businesses participating in the program receive support to refine their message and build targeted marketing materials and find markets within and beyond the Navy.
- **Educate:** Webinars and guides on the government acquisition environment and policies are available to participants.
- **Research:** Market researchers produce in-depth targeted reports for each technology.
- **Mentor:** Participants receive mentoring and coaching on government and prime contractor relationships from transition experts.



The Navy SBIR Transition Program...Continued

- **Connect:** The program facilitates connections and partnerships between small businesses and Navy stakeholders. It better enables small businesses to engage with Navy program offices, acquisition personnel, and end-users to explore collaboration opportunities and align their innovations with Navy requirements.

**“Navy STP is the most valuable resource available to small business defense contractors, possibly as valuable as the SBIR program itself. Whereas SBIR gives you the funding and customer input, Navy STP gives you the necessary tools to sell to that customer and make a sustainable business out of it, and often a thriving one.”**

Dr. Seth Kessler, Metis Design Corporation

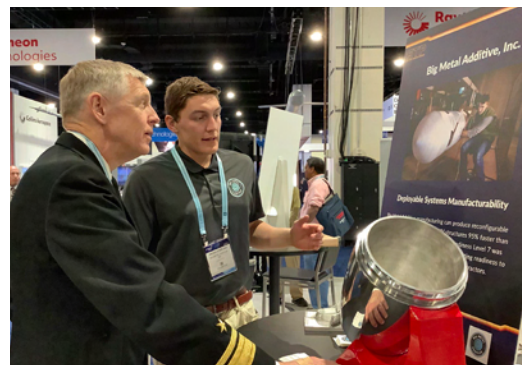
The Navy STP may help participating small businesses access testing opportunities through the Navy SBIR Experimentation Cell (DoN-SEC) for evaluating the performance and effectiveness of technologies in relevant operational environments.

- **Promote:** Tech Talks, news from companies and various articles are published to help increase awareness of Navy STP participants. The Navy STP Virtual Transition Marketplace provides information about all Navy STP participants’ technologies since 2015.



## Navy STP Innovative Technology Showcase Events

Navy STP Innovative Technology Showcase events promote technologies from companies participating in the program. Navy STP Showcases connect program participants with government and industry personnel through one-on-one meetings, on-demand Tech Talks, and an enhanced online presence via the Virtual Transition Marketplace (Navy STP VTM). They also provide an opportunity for small businesses to collaborate with one another.



The Navy STP sponsored three showcase events for the 2022-23 cohort. This included two tradeshow events, WEST 2023 and Sea-Air-Space 2023, where 72 companies were provided floor space as part of the Navy STP showcase booths. Additionally, the program teamed up with the Naval Air Systems Command (NAVAIR) and the Naval Sea Systems Command (NAVSEA) to sponsor a SYSCOM Showcase, which provided 55 companies with tabletop space as well as a robust program of knowledgeable guest speakers from the Navy transition ecosystem.

This year the Navy STP Connect platform also launched, providing Navy STP participants the opportunity to discuss their innovative technologies with government and industry personnel through direct virtual one-on-one meetings. For this cohort, 43 government personnel and 25 employees from primes registered for Navy STP Connect, and 54 meetings were held successfully.





## Prime Collaboration Opportunities

The ultimate goal of Navy STP is to support our participating small businesses to transition their technology to a follow-on Phase III contract to deliver warfighting capability. That Phase III contract could come from a Navy program office or a defense prime contractor. With this end in mind, Navy STP added a prime liaison role to the program this year to work with defense prime contractors to understand their requirements and the capability gaps that must be solved to increase warfighting capability or reduce sustainment cost on current program of record contracts and to address market adjacency requirements to meet future requirements. The prime liaison works to match Navy STP small businesses' innovative technologies with prime requirements to deliver warfighting capability to the Navy.



Navy STP uses several different methods to deepen the relationships between Navy STP and primes, including in-person meetings, leadership team teleconferences and larger technical interchange meetings (TIMs). Navy STP conducted 32 meetings with primes supporting the 2022-2023 cohort, including several TIMs with participating small businesses briefing multiple business units of large prime contractors.

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

The Navy STP also connects participants to testing opportunities. The Navy SBIR

Experimentation Cell (DoN-SEC) worked with 63 Navy STP small business participants to ensure their technology had access to testing opportunities.

***“Working with the Navy STP through Don Williamson as the prime liaison has been very positive for the relationship between Lockheed Martin and the Navy. Through working with Don, the Navy has a better sense of the technologies we are looking for and has brought some excellent high-tech firms to our attention through the technical interchange meeting which we hosted together.”***

Orysia Buchan, Lockheed Martin Government Programs Program Manager



## Coaching and Mentoring

The Navy STP provides each participating project a dedicated business consultant. Each business consultant has vast experience—typically over 20 years—within the defense industrial base.

Business consultants assist the small businesses by:

- Assisting in the development of targeted marketing materials
- Identifying leads for potential transition opportunities
- Coaching and mentoring on government and prime contractor relationships
- Instructing on the government acquisition environment and policies

Business consultants work with each company to develop an abstract, quad chart, and a recorded

Tech Talk presentation which are then approved through the Navy's Public Affairs Office (PAO) for Distribution A release.

In 2022-23, business consultants provided thousands of mentoring and coaching sessions resulting in over 3000 transition opportunities and leads for the small businesses, made over 700 introductions to

potential government and prime customers, helped arrange over 500 meetings, assisted 31 small businesses in qualifying as a prime supplier, and assisted with development of Transition Readiness Plans and Technology Transition Plans produced by the small businesses.

Additionally, the program provided 18 educational webinars throughout the year to educate cohort members about marketing their technologies and identifying transition opportunities.

***“We got a lot of programmatic help with the marketing brochures, the Tech Talk video, putting everything into a presentable format to help us bring our message across, bringing all our information together and making it concise and presentable to make it easier to understand for people who may not be so familiar with the technology.”***

Philipp Borchard, DYMENSO

***“The Navy STP helps us to match make. It helps connect us to other potential customers. We’ve already benefitted a lot because they’ve helped us to articulate and communicate the capability in a way that is understandable by the warfighter. The Navy STP is helping us a lot in that regard.”***

Perakath Benjamin, Knowledge Based Systems, Inc.

## Market Research

Market Research Analysis Reports (MRARs) are a key source of information for small businesses participating in the Navy STP. Market researchers work with the business consultants mentoring the small businesses in the program to develop an MRAR for each participating technology. These reports are designed to help small businesses gain insight into target markets and transition opportunities. On average the market researchers identified 18 actionable transition opportunities with 38 points of contact in the MRARs prepared for the 2022-23 cohort. Market researchers also prepare and update over 100 guides on DoD program offices and platforms each year for program participants. This year the team added five new informational guides.

***“The MRAR has a lot of contact information explaining which program might be suitable for our technology, so we have been able to reach out to those program managers.”***

Ho Lam, DE Technologies, Inc.

MRARs contain a wealth of useful information such as points of contact within government offices, transition opportunities with targeted platforms, and analysis and recommendations for transition. The reports also contain information on current competitors, business development initiatives and additional opportunities to find other end users. These documents are designed to continue to assist the small business long after its participation in the Navy STP.

Most market researchers on the Navy STP team have a master’s degree in library science or a related field.

***“Navy STP has done a fantastic job. All the other agencies don’t do this. You’re on your own. What the Navy does gets you to the last mile. The last mile is specific customers that need this. Navy STP does a market analysis for you. They help identify where this could go. They try to lay out the road map to the Navy and then they’ll extend it to Army or Air Force where they have other contacts. Again it’s that last mile, trying to get there. It helps a lot and it’s a thousand times more than any other agency does with their SBIR programs.”***

Tim Lewis, Gloyer-Taylor Laboratories Inc.



## Promotion

Promotion for the Navy STP cohort members begins at the start of the program and builds upon itself throughout the year and beyond. The Navy STP uses the small businesses' PAO-approved products to develop Tech Guides to distribute to DoN leadership, Navy SYSCOMs and potential customers such as prime integrators prior to the Navy STP Innovative Technology Showcase events.

The program also promotes Navy transition success through the publication of the *Transitions* newsletter, which comes out three times a year.

One important metric for success Congress looks at for the SBIR/STTR programs is return on investment (ROI). Success Stories concentrating on ROI and the benefit the Navy receives from these technologies are produced monthly. The stories showcase how and why the SBIR and STTR programs are making the U.S. Navy stronger and demonstrate that the programs work.

Below are links to some of the Navy's 2022-23 Success Stories.

Company	Topic	SBIR Investment	Phase III Award	URL
Logos Technologies LLC	SB072-019	\$1,065,073	\$61,700,000	<a href="https://www.navysbir.com/success/Logos-Technologies23.pdf">https://www.navysbir.com/success/Logos-Technologies23.pdf</a>
MI Technical Solutions, Inc.	N121-092	\$79,877	\$250,000,000	<a href="https://www.navysbir.com/success/MI-Tech-23.pdf">https://www.navysbir.com/success/MI-Tech-23.pdf</a>
Signal Systems Corporation	N093-168, N101-005, N04-007	\$899,895	\$13,328,597	<a href="https://www.navysbir.com/success/Sigsys-23a.pdf">https://www.navysbir.com/success/Sigsys-23a.pdf</a>
Sedna Digital Solutions	N05-059	\$2,848,114	\$30,714,438	<a href="https://www.navysbir.com/success/Sedna22.pdf">https://www.navysbir.com/success/Sedna22.pdf</a>
SimVentions Inc.	N05-053, N102-147	\$5,698,887	\$11,488,349	<a href="https://www.navysbir.com/success/SimVention22.pdf">https://www.navysbir.com/success/SimVention22.pdf</a>
3 Phoenix (now Ultra)	N121-076	\$899,964	\$63,834,740	<a href="https://www.navysbir.com/success/3Phoenix_Ultra-22.pdf">https://www.navysbir.com/success/3Phoenix_Ultra-22.pdf</a>

**Promotion...Continued**

Navy STP Spotlight articles written throughout the year focus on Navy SBIR/STTR technology success from the small business's point of view. Below are links to some of the Navy's 2022-23 Spotlight articles.

Company	Title	URL
Hy-Tek Manufacturing Co.	Winning Solutions: Hy-Tek Manufacturing Leverages SBIR to Evolve its Game-Changing Hardware Line of Products for the U.S. Navy and Others	<a href="https://www.navysbir.com/success/SPT-Hy-Tek_mfg23.pdf">https://www.navysbir.com/success/SPT-Hy-Tek_mfg23.pdf</a>
La Jolla Logic, Inc	La Jolla Logic Uses Artificial Intelligence and Machine Learning to Identify Network Threats	<a href="https://www.navysbir.com/success/SPT-LJL-23.pdf">https://www.navysbir.com/success/SPT-LJL-23.pdf</a>
Texas Research Institute Austin, Inc	TRI Austin: Helping the Navy Achieve Longevity for Subs through a Novel Coating Process	<a href="https://www.navysbir.com/success/SPT-TRI-Austin23.pdf">https://www.navysbir.com/success/SPT-TRI-Austin23.pdf</a>
Advanced Cooling Technologies, Inc. (ACT)	ACT Transitions Cooling Technology during SBIR Phase II	<a href="https://www.navysbir.com/success/SPT-ACT-22.pdf">https://www.navysbir.com/success/SPT-ACT-22.pdf</a>
ASSETT	ASSETT: A Modern Success Story, Built on SBIR	<a href="https://www.navysbir.com/success/SPT-Assett-22.pdf">https://www.navysbir.com/success/SPT-Assett-22.pdf</a>
Barron Associates Inc.	Turbulence Recognition Helps UAV Pilots	<a href="https://www.navysbir.com/success/SPT-Barron-22.pdf">https://www.navysbir.com/success/SPT-Barron-22.pdf</a>
Continuous Solutions	Continuous Solutions Advances Navy Technology with BIRD Foundation Award	<a href="https://www.navysbir.com/success/SPT-Continuous-Solutions-22.pdf">https://www.navysbir.com/success/SPT-Continuous-Solutions-22.pdf</a>



Promotion...Continued

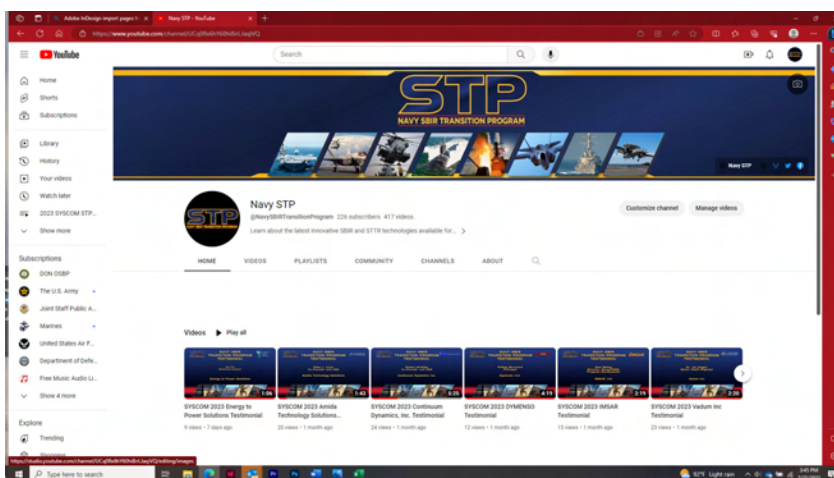
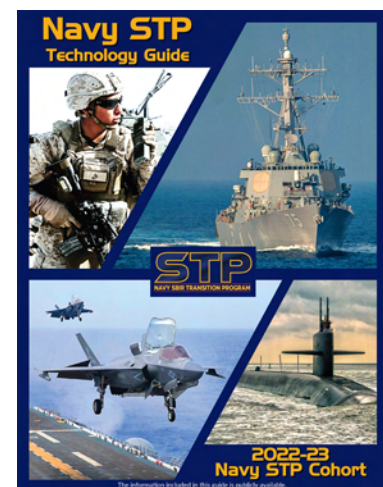
All these publications are promoted through the Navy SBIR website as well as Navy STP's social media platforms. Through its social media accounts Navy STP connects and interacts

with government and prime decision makers and the small businesses in our program, using social media accounts on LinkedIn, Twitter and YouTube to share military and industry news relevant to small businesses. Navy STP also promotes content from participating

***“Thank you for your work to recognize RDA, an SDI Company’s efforts to assist the Navy in their ASW mission. It has been a privilege to be a part of this talented and dedicated team. We realize the Success Story article took a significant amount of time on your parts, time from busy and often overloaded schedules. We are grateful. And we look forward to continuing to work with and support our Navy sponsors.”***

Jon E. Dionne, SDI

companies to expand their exposure to potential customers. Navy STP LinkedIn followers increased by 300% in the 2022-23 cohort year.



## Virtual Transition Marketplace (Navy STP VTM)

**W**ith Navy STP assistance, 2022-23 cohort participants produced 138 sets of professional and high quality marketing materials, available on the Navy STP Virtual Transition Marketplace (Navy STP VTM). Navy STP business consultants shepherded these materials through the Navy's Public Affairs Office review process to create Distribution A marketing materials that can be used for any audience.

The Navy STP VTM is the Navy's premier small business technology showcase. Almost 1000 Navy STP Navy-funded technologies are available on the site to help solve technical problems.

Each entry contains a technology abstract, quad chart, company capability brochure, and ways to contact the small business developing the technology. Recent entries also include a recording of the company's Tech Talk presentation. This year's Tech Talks were viewed an average of 37 times.

***"We did review some of the small businesses of interest that you provided to our team and have added some of them into our tech scouting pipeline while also finding a few companies we are continuing to have discussions with based on the VTM."***

Jim Becker, VP Northrop Grumman

To explore these innovative Phase II technologies, go to the Navy STP VTM at: <https://vtm.navyfst.com/>.

***"The thing that I find really good about the Navy STP is the opportunity to list all of your things on one website where everybody can come and see. It's almost like Amazon: Everybody can go shopping there so I think that's really amazing. Having all of our briefs presented, all of our materials there, it's a one-stop-shop where everybody can come and look. When you get into acquisition it's really cumbersome and one organization may be doing something and the other doesn't even know that they're doing it. Oftentimes you have redundant things going on at the same time and so it kind of helps save money as well as open opportunities to make sure that other organizations can be aware of something that's ongoing with one organization but maybe needed in their own."***

Robert Lara, Andro Computational Solutions LLC



# Navy STP 2022-23 Cohort

The following innovative Phase II companies completed the Navy STP in the spring of 2023. The companies are listed by SYSCOM in alphabetical order, under Office of the Secretary of Defense Communities of Interest (CoI) categories most appropriate to their technology. Corporate information and Tech Talks, technology quad charts, abstracts, thumbnail descriptions, and company capability brochures are available through the Navy STP VTM online database of innovative Phase II SBIR/STTR technologies at <https://vtm.navyfst.com/>.

Navy SBIR Transition Program (Navy STP) Participants						
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Advanced Electronics	NAVAIR					
	MaXentric Technologies LLC	N192-090	Per Johansson	858-531-5572	<a href="mailto:pjohansson@maxentric.com">pjohansson@maxentric.com</a>	WEST 2023
	Modern Forward Error Correction (FEC) and Automatic Repeat Request (ARQ) Algorithms for Tactical Data Links					
	NAVSEA					
	Novaa Ltd	N201-029	Rob Russell	N/A	<a href="mailto:rob@novaarf.com">rob@novaarf.com</a>	Sea-Air-Space 2023
	Affordable Radar Antenna with Electronic Elevation Scan and Multiple Beams					
	NAVWAR					
	Envistacom, LLC	A16-032	Howard Jetmundsen	678-517-5354	<a href="mailto:hjetmundsen@envistacom.com">hjetmundsen@envistacom.com</a>	SYSCOM Showcase
	Innovative X-Band Antenna Architecture for BFT 3					
	ONR					
	Ryalinks LLC	N204-A02	Hooman Honary	949-981-0481	<a href="mailto:hooman.honary@gmail.com">hooman.honary@gmail.com</a>	WEST 2023
	Digital Logistics - AI Enabled Sensor Logistics Network (AIESLN)					
	Systems Visions LLC	N20A-T021	Mark Adams	334-740-7381	<a href="mailto:mark@sysvis.com">mark@sysvis.com</a>	SYSCOM Showcase
	Hybrid Packaging of Cryogenic Electronics and Photonic Technologies					
SSP						
IERUS Technologies, Inc.	N201-079	Stephen Fox	256-319-2026 x423	<a href="mailto:stephen.fox@ierustech.com">stephen.fox@ierustech.com</a>	WEST 2023	
Extremely Accurate Star Tracker						
Air Platforms	NAVAIR					
	BluEyeQ LLC	N202-105	Kent Colling	434-258-5296	<a href="mailto:kcolling@blueyeq.com">kcolling@blueyeq.com</a>	SYSCOM Showcase
	Digital Twin Technologies to Improve Mission Readiness and Sustainment					
	Dayton T. Brown, Inc.	N171-027	William Bradshaw	516-658-0221	<a href="mailto:wbradshaw@dtb.com">wbradshaw@dtb.com</a>	Sea-Air-Space 2023
	Innovative Approach to Full Scale Fatigue Testing using Hybrid Methodologies					
	DE Technologies, Inc.	N19B-T031	Hoa Lam	610-337-2800 x157	<a href="mailto:lam@detk.com">lam@detk.com</a>	SYSCOM Showcase
	Innovations in Production of Rotorcraft Airframe Components using Advanced 3D Braiding					
	Global Strategic Solutions LLC	A16-090	Charles Godwin	712-304-4099	<a href="mailto:charlesgodwin@gssllc.net">charlesgodwin@gssllc.net</a>	Sea-Air-Space 2023
	Flexible Integrated Intelligent Network (FIIN) for Prognostics Health Management (PHM) Systems					
	Hydronalix, Inc.	N201-X01	Paige Day	520-266-6554	<a href="mailto:paige.day@hydronalix.com">paige.day@hydronalix.com</a>	Sea-Air-Space 2023
ADAPT - Advanced, Agile Manufacturing of Limited-Production Swarming Unmanned Systems (UxS) to Support Humanitarian Assistance and Disaster Relief (HADR) Operations						

## Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event	
Air Platforms	Stottler Henke Associates, Inc.	N201-021	Jeremy Ludwig	541-515-1851	ludwig@stottlerhenke.com	Sea-Air-Space 2023	
	Cargo Handling Software for Navy and Marine Aircraft						
	TDA Research, Inc.	N181-019	Lauryn Baranowski	303-261-1167	lbaranowski@tda.com	SYSCOM Showcase	
	Innovative Material (and Application Method) for a Hydrophobic/Oleophobic Coating to an Aluminum-Bodied Heat Exchanger						
	NAVSEA						
	American Maglev Technology of Florida, Inc.	N201-023	Jordan Morris	478-454-7075	jmorris@american-maglev.com	SYSCOM Showcase	
	Alternate Sled Track Braking Mechanism						
	ONR						
	Exo-Atmospheric Technologies, LLC	N202-129	Terry Hendricks	414-243-9443	terry.hendricks@exo-at.com	Sea-Air-Space 2023	
	Nosetip Ablation Sensor and Telemetry Interface Unit for Hypersonic Vehicle Thermal Protection Systems						
Autonomy	NAVAIR						
	ANDRO Computational Solutions, LLC	N192-062	Jithin Jagannath	315-334-1163	jjagannath@androcs.com	SYSCOM Showcase	
	Autonomous Unmanned Aerial Vehicle (UAV) Flight Without Supervisory Control						
	Overlab LLC	N201-019	Kevin Murray	703-899-1842	kevin.murray@theoverlab.com	Sea-Air-Space 2023	
	Spatial Data Comparison for Markerless Augmented Reality (AR) Anchoring						
	Signal Systems Corporation	N202-091	Thomas Murray	410-987-1552 x110	tmurray@signalsystemscorp.com	Sea-Air-Space 2023	
	Artificial Intelligence for Anti-Submarine Warfare Training						
	Soar Technology, Inc.	N193-141	John Sauter	734-887-7642	john.sauter@soartech.com	SYSCOM Showcase	
	Resilient Autonomous Subsystems for Unmanned Air Systems (UAS)						
	Weather Gage Technologies, LLC	N193-141	David Scheidt	410-271-2855	dscheidt@weathergage-tech.com	SYSCOM Showcase	
	Resilient Autonomous Subsystems for Unmanned Air Systems (UAS)						
	NAVSEA						
	Daniel H. Wagner Associates, Incorporated	N192-117	Reynolds Monach	757-727-7700	reynolds@va.wagner.com	SYSCOM Showcase	
	Acoustic Counter-Detection Risk Management (ACDRM) Evolutionary Machine Learning (EML)						
	ONR						
	Dynamic Dimension Technologies	N181-077	Karl Leodler	703-963-2204	kleodler@dynamicdimensionstechnologies.com	Sea-Air-Space 2023	
	Surf Zone Simulation for Autonomous Amphibious Vehicles						
	Hydronalix, Inc.	N102-182	Paige Day	520-266-6554	paige.day@hydronalix.com	Sea-Air-Space 2023	
Compact, Lightweight Autonomous Underwater Vehicle (AUV) with Robust Navigation and Range for Riverine Reconnaissance							
Machina Cognita Technologies, Inc	N201-077	Jonathan Day	703-597-9686	jonathan.day@machinacognita.com	WEST 2023		
Machine Clustered and Labeled Decision Tracks Derived from AI-enabled Intent Recognition							
Battlespace Environments	ONR						
	WindBorne Systems Inc.	AF193-CSO1	John Dean	518-728-2953	john@windbornesystems.com	WEST 2023	
Open Call for Innovative Defense-Related Dual-Purpose Technologies/Solutions with a Clear Air Force Stakeholder Need Technology Area: Materials/Processes							



Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Biomedical (ASBREM)	<b>MCSC</b>					
	TDA Research, Inc.	N142-087	Matt Cates	N/A	<a href="mailto:mcates@tda.com">mcates@tda.com</a>	SYSCOM Showcase
	Expeditionary Portable Oxygen Generation System					
	<b>NAVAIR</b>					
	Paxauris LLC	N201-005	Anthony Dietz	602-396-8566	<a href="mailto:tony.dietz@paxauris.com">tony.dietz@paxauris.com</a>	SYSCOM Showcase
	Wireless In-Ear Sensors for Warfighter Monitoring					
	<b>ONR</b>					
	Consensus Networks	N204-A02	Nathan Miller	410-562-2617	<a href="mailto:nmiller@consensusnetworks.com">nmiller@consensusnetworks.com</a>	Sea-Air-Space 2023
	Digital Logistics					
	TDA Research, Inc.	NX19-005	David Eisenberg	610-737-9157	<a href="mailto:deisenberg@tda.com">deisenberg@tda.com</a>	SYSCOM Showcase
Cool Suits						
Command, Control, Communications, Computers, & Intelligence (C4I)	<b>NAVAIR</b>					
	Fuse Integration, Inc.	N202-092	Joseph Wagner	609-577-7032	<a href="mailto:joe.wagner@fuseintegration.com">joe.wagner@fuseintegration.com</a>	Sea-Air-Space 2023
	Small Space, Weight, and Power (SWaP) Multilevel Security Cross-Domain Solution					
	Innovative Defense Technologies	N191-020	Apostolos Topalis	856-533-0259	<a href="mailto:atopalis@idtus.com">atopalis@idtus.com</a>	WEST 2023
	Target Identification Interrogation Data Stream Analytics System					
	Pareto Frontier, LLC	N201-018	Sofia Jurgensen	978-496-7211	<a href="mailto:sofia@pareto-frontier.com">sofia@pareto-frontier.com</a>	SYSCOM Showcase
	Dynamic Digital Spatial Nulling Algorithms for Tactical Data Links					
	Scientific Systems Company, Inc.	N192-088	Joseph Jackson	617-957-7709	<a href="mailto:jjackson@ssci.com">jjackson@ssci.com</a>	Sea-Air-Space 2023
	Collision Avoidance System for Operations in Dense Airspace Environment					
	<b>NAVSEA</b>					
	Calabazas Creek Research, Inc.	N20A-T015	R. Lawrence Ives	650-312-9575	<a href="mailto:rli@calcreek.com">rli@calcreek.com</a>	WEST 2023
	Compact and Efficient Magnetron Source for Continuous Wave Microwave Power Generation					
	Colorado Engineering Inc.	N201-032	Richard Bayley	719-388-8582	<a href="mailto:richard.bayley@coloradoengineering.com">richard.bayley@coloradoengineering.com</a>	SYSCOM Showcase
	High-Efficiency Wideband Linear Power Amplifier					
	Daniel H. Wagner Associates, Incorporated	N161-004	Reynolds Monach	757-727-7700	<a href="mailto:reynolds@va.wagner.com">reynolds@va.wagner.com</a>	Sea-Air-Space 2023
	Mine Countermeasures (MCM) Artificial Intelligence (AI) Risk Reduction (MAIR)					
	FIRST RF Corporation	N201-065	Dean Paschen	720-579-2636	<a href="mailto:dpaschen@firstrf.com">dpaschen@firstrf.com</a>	WEST 2023
	Element-Level Digital Communications Array					
	Innovative Defense Technologies	N181-031	Alexander Young	860-575-3857	<a href="mailto:ayoung@idtus.com">ayoung@idtus.com</a>	SYSCOM Showcase
	AEGIS Combat System Optimization through Advanced Modeling of Software-Only Changes					
Makai Ocean Engineering, Inc.	N192-109	Hermann Kugeler	N/A	<a href="mailto:hermann.kugeler@makai.com">hermann.kugeler@makai.com</a>	WEST 2023	
Undersea Sensor Network Performance Modeling and Cost Tool						
Mayachitra, Inc.	N20A-T007	Tajuddin Manhar Mohammed	805-568-8901	<a href="mailto:mohammed@mayachitra.com">mohammed@mayachitra.com</a>	WEST 2023	
Cross Platform Reinforcement and Transfer Learning for Periscope Imagery						
McCormick Stevenson Corp.	N192-102	Matt Montgomery	727-735-9633	<a href="mailto:matt.montgomery@mccst.com">matt.montgomery@mccst.com</a>	WEST 2023	
Blind Mating Connection for 19-inch Electronic Industries Alliance Racks in AEGIS Computing Infrastructure						

## Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
(C4I)	Physical Sciences Inc.	N141-053	Christopher Gittins	978-689-0003	cgittins@psicorp.com	WEST 2023
	Compact High Speed Signal Processor					
	NAVWAR					
	Caliola Engineering LLC	N204-A04	Ryan Hackbarth	920-379-9096	ryan.hackbarth@caliola.com	Sea-Air-Space 2023
	Rapid Reconstitution of Communications and Compact Hardware Solutions					
	Physical Sciences Inc.	N204-A04	Alex Moerlein	617-872-4983	amoerlein@psicorp.com	Sea-Air-Space 2023
	Rapid Reconstitution of Communications and Compact Hardware Solutions					
	SSP					
	Innoveering, LLC	N192-135	George Papadopoulos	N/A	george.papadopoulos@innoveering.net	Sea-Air-Space 2023
	Autonomous Flight Termination for Use in Submarine Launched Missile Applications					
Cyber	NAVSEA					
	Amida Technology Solutions, Inc.	N171-054	Peter Levin	617-921-0471	peter@amida.com	SYSCOM Showcase
	Cyber Threat Insertion and Evaluation Technology for Navy Ship Control Systems					
	NAVAIR					
Electronic Warfare (EW)	4S Silversword Software and Services, LLC	N202-104	William Ziegler	N/A	ziegler@4s-llc.com	Sea-Air-Space 2023
	Time and Phase Synchronization of Radio Frequency (RF) Sources across Multiple Unmanned Aerial System/Vehicle (UAS/UAV) Platforms					
	Continuum Dynamics, Inc.	N93-282	Robert McKillip	609-538-0444	bob@continuum-dynamics.com	SYSCOM Showcase
	Sensors for Icing Avoidance, Detection and Accretion Measurement					
	GIRD Systems, Inc.	N192-078	James Caffery	513-281-2900 x103	jcaffery@girdsystems.com	Sea-Air-Space 2023
	Network Retention During Jamming Mission					
	Metamagnetics, Inc.	N192-078	Reena Dahle	781-562-0756	rdahle@mtmgx.com	WEST 2023
	Network Retention During Jamming Mission					
	Pendar Technologies, LLC	N192-053	Christian Pfluegl	N/A	pfluegl@pendar.com	SYSCOM Showcase
	Quantum Cascade Lasers Manufacturing 10X Cost Reduction					
	Vadum Inc.	N193-143	David Padgett	919-341-8241 x118	david.padgett@vaduminc.com	SYSCOM Showcase
	Defeating Cognitive Sensors					
	NAVSEA					
	Dymenso LLC	N20A-T013	Philipp Borchard	415-255-8724	pborchard@dymenso.com	SYSCOM Showcase
	Precision Alignment Techniques for Affordable Manufacture of Millimeter Wave Vacuum Devices					
	SimVentions, Inc.	N191-018	Gail Brooks	540-370-8424	gailbrooks@simventions.com	Sea-Air-Space 2023
	Automated Event Logging for Improved Electronic Warfare Operations					
	TIPD, LLC	N19A-T009	Adoum Mahamat	202-853-6008	adoum@tipdllc.com	SYSCOM Showcase
	3-Band PicoSecond High Energy Compact (SWaP) Laser System for Marine Wave Boundary Layer Atmospheric Characterization Instrument Development					
	NAVWAR					
	Adaptive Dynamics, Inc.	N201-074	Jason Sanders	858-705-2781	jason.sanders@transientplasmasystems.com	SYSCOM Showcase
	Wideband Radio Local Interference Optimization Techniques					
	ONR					
	Transient Plasma Systems	N112-170	Brandon Zeidler	858-705-2781	brandon@adaptive-dynamics.com	SYSCOM Showcase
	High Power Microwave (HPM) Waveform-enhancing Sub-nanosecond Semiconductor Pulse Sharpener					

Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Energy & Power Technologies (E&PT)	NAVAIR					
	MaxPower, Inc. Long Endurance, High Power Battery	N08-143	Ian Kowalczyk	215-256-4575 x102	ian.kowalczyk@max-powerinc.com	Sea-Air-Space 2023
	Long Endurance, High Power Battery					
	NAVSEA					
	Continuous Solutions LLC	N16A-T012	Nyah Zarate	971-280-7008	nyahzarate@continuuou-solutions.com	SYSCOM Showcase
	Medium Voltage Direct Current (MVDC) Grounding System					
	ONR					
	Carver Scientific, Inc.	N192-133	Ritchie Priddy	225-245-0004	rpriddy@carversci.com	Sea-Air-Space 2023
	Advanced Non-Electrochemical Energy Storage					
	VISHWA ROBOTICS	N192-133	Bhargav Gajjar	321-276-0380	INFO@VISHWARO-BOTICS.COM	SYSCOM Showcase
Advanced Non-Electrochemical Energy Storage						
Engineered Resilient Systems	NAVAIR					
	Simmetrix, Inc.	N20A-T004	Mark Beall	518-348-1639	mbeall@simmetrix.com	SYSCOM Showcase
	Hexahedral Dominant Auto-Mesh Generator					
	NAVSEA					
	Karagozian and Case, Inc.	N201-053	Mark Weaver	818-844-1987	weaver@kcse.com	SYSCOM Showcase
Development of New Generation Earth Covered Magazine (ECM) Structure Design Using Composite Materials						
Ground and Sea Platforms	MCSC					
	Force Engineering, Inc.	N193-138	William Perciballi	602-684-5291	wperciballi@forceengineering.com	SYSCOM Showcase
	Lightweight Run-flat Tire/Wheel Assemblies for Marine Corps Wheeled Vehicles					
	Luna Labs USA, LLC	N181-001	Jesse Kelly	434-220-2510	jesse.kelly@lunalabs.us	Sea-Air-Space 2023
	Advanced Sealant for Next-Generation Transparent Armor Service Life					
	NAVSEA					
	Altron, Inc.	N19A-T012	Mike Gercken	703-472-4656	mgercken@altroninc.com	WEST 2023
	Unified Logging Architecture for Performance and Cybersecurity Monitoring					
	Colorado Engineering Inc.	N141-053	Richard Bayley	719-388-8582	richard.bayley@coloradoengineering.com	WEST 2023
	Compact High Speed Signal Processor					
	Trident Systems Incorporated	N192-103	Edward Baumann	703-267-6016	edward.baumann@tridsys.com	WEST 2023
	Field Serviceable Non-Acoustic Data Logging Sensor Module for Towed Arrays					
	NAVWAR					
	Caliola Engineering LLC	N193-149	Newfel Seman	920-379-9096	newfel.seman@caliola.com	WEST 2023
	Satellite Communications Antenna Pointing for Positioning (SCAPP)					
ONR						
Hydronalix, Inc.	NSF16-600	Paige Day	520-266-6554	paige.day@hydronalix.com	Sea-Air-Space 2023	
Small Business Technology Transfer Program Phase I (STTR) - December 2016 Submission						



Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Ground and Sea Platforms	LBI, Inc.	NX19-002	Peter Legnos	860-857-4433	plegnos@lbicorp.com	SYSCOM Showcase
	On Demand Structures - Submarine Launch of UUVs					
	Reaction Systems, Inc.	N202-132	Sibylle Walter	443-629-0219	walter@rxnsys.com	SYSCOM Showcase
	Novel Methods to Mitigate Heat Exchanger Fouling					
	Spectral Energies, LLC	N20A-T020	Sukesh Roy	937-902-6546	sukesh.roy@spectralenergies.com	WEST 2023
	Non-intrusive Diagnostics to Quantify Interactions between High-speed Flows and Hydrometeors					
	Technology in Practice	NX19-003	Ian Furlong	562-480-6406	ian.furlong@tip.systems	SYSCOM Showcase
	Flow Conditioning for Improved Piping Arrangement					
	United States Military Advanced Technologies	N202-130	Demetrios Papageorgiou	617-930-2908	demetri@usmat.us	SYSCOM Showcase
Cold-water Diving Wetsuit						
Human Systems	NAVAIR					
	BANC3, Inc.	N201-024	John Couch	609-759-1900 x213	johncouch@banc3.com	WEST 2023
	Augmented Reality Headset for Maintainers					
	Knowledge Based Systems, Inc.	N202-098	Byon Williams	979-260-5274	bwilliams@kbsi.com	WEST 2023
	Voice Recognition to Support Assessment of Cross Platform Situational Awareness and Decision Making					
	Soar Technology, Inc.	N172-117	Amanda Bond	407-602-6112	amanda.bond@soartech.com	SYSCOM Showcase
	Mishap Awareness Scenarios and Training for Operational Readiness Responses					
	Systems Technology, Inc.	N192-071	David Klyde	310-679-2281	dklyde@systemstech.com	SYSCOM Showcase
	Innovative Methods for Correlating Physiological Measures of Pilot Workload to Handling Qualities					
	NAVSEA					
	NanoSonic, Inc.	N202-130	Richard Claus	617-930-2908	roclaus@nanosonic.com	Sea-Air-Space 2023
	Cold-water Diving Wetsuit					
Materials & Manufacturing Processes	NAVAIR					
	American Maglev Technology of Florida, Inc.	N192-100	Jordan Morris	478-454-7075	jmorris@american-maglev.com	Sea-Air-Space 2023
	Passive Cooling for Aircraft Carrier Jet Blast Deflectors (JBD)					
	Applied Optimization, Inc.	N162-083	Anil Chaudhary	937-431-5100 x315	anil@appliedo.com	WEST 2023
	Rapid, Low Cost, High-quality Component Qualification Using Multi-scale, Multi-physics Analytical Toolset for the Optimization of Metal Additive Manufacturing Process Parameters					
	Cornerstone Research Group, Inc.	N192-084	Benjamin Vining	937-320-1877	viningbj@crgroup.com	WEST 2023
	Room Temperature Shelf-Life Pre-Impregnated Carbon Fiber Fabric for use in Out-of-Autoclave Aircraft Repair					
	Inovati	N07-122	Ralph Tapphorn	805-637-7040	rtapphorn@inovati.com	SYSCOM Showcase
	Method and Device for In-Service Repair of Magnesium, Aluminum and High-Strength Steel					
	IRflex Corporation	N19B-T028	Francois Chenard	434-483-4304	francois.chenard@irflex.com	SYSCOM Showcase
	Additive Manufacturing of Inorganic Transparent Materials for Advanced Optics					
	MRL Materials Resources LLC	N192-072	Daniel Satko	937-705-0892	dan.satko@icmrl.net	SYSCOM Showcase
	Nondestructive Characterization of Microstructure and Grain Orientation on Large, Complex Parts					
	OptiPro Systems LLC	N192-055	Patrick Bechtold	585-265-0160	pbechtold@optipro.com	Sea-Air-Space 2023
	Method and Device for In-Service Repair of Magnesium, Aluminum and High-Strength Steel					

Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Materials & Manufacturing Processes	<b>NAVAIR</b>					
	QuesTek Innovations LLC	N16A-T007	Abhinav Saboo	224-717-6831	asaboo@questek.com	SYSCOM Showcase
	Optimized High Performance Stainless Steel Powder for Selective Laser Melting Additive Manufacturing (AM)					
	SenSigma LLC	N18A-T005	Joohyun Choi	734-369-4382	jchoi@sensigmallc.com	SYSCOM Showcase
	Innovative Processing Techniques for Additive Manufacture of 7000 Series Aluminum Alloy Components					
	TDA Research, Inc.	N192-057	Autumn Maruniak	714-270-6765	amaruniak@tda.com	SYSCOM Showcase
	Advanced Alternative Gun Lubricant					
	United Protective Technologies, LLC	N192-057	Jon Spear	210-730-2633	jspear@upt-usa.com	Sea-Air-Space 2023
	Advanced Alternative Gun Lubricant					
	<b>NAVSEA</b>					
	MELD Manufacturing Corporation	NASAH5.02	Nanci Hardwick	540-951-3980 x4222	nanci.hardwick@meld-manufacturing.com	Sea-Air-Space 2023
	Integration of Evaluation of MELD					
	Microsphere Material Solutions, LLC	N181-058	John Howard	240-780-8495	john@microspheresolutions.com	SYSCOM Showcase
	Next Generation Buoyancy Material					
	TDA Research, Inc.	N181-071	Freya Kugler	303-940-2326	fkugler@tda.com	SYSCOM Showcase
	Eliminating Adverse Impact of Copper Contamination in Jet Propellant 5 (JP-5) Fuel					
	Texas Research Institute Austin, Inc.	N111-042	Vince Newton	703-944-4763	vnewton@tri-austin.com	SYSCOM Showcase
	Improved Accelerated Life Testing					
<b>ONR</b>						
Big Metal Additive, Inc.	N204-A03	Ty Stranger-Thorsen	303-981-1131	ty@bigmetaladditive.com	Sea-Air-Space 2023	
Deployable Systems Manufacturability						
Composite Energy Technologies Inc.	N204-A03	Pat Enright	518-649-2384	pat.enright@usacet.com	SYSCOM Showcase	
Deployable Systems Manufacturability						
Hydronalix, Inc.	N20A-T006	Paige Day	520-266-6554	paige.day@hydronalix.com	Sea-Air-Space 2023	
High Efficiency Propeller for Small Unmanned X Systems (UxS)						
Supply Dynamics, LLC	N204-A02	Jared Daly	513-295-9719	jdaly@supplydynamics.com	Sea-Air-Space 2023	
Digital Logistics						
<b>SSP</b>						
American Technical Coatings, Inc.	N191-026	Matt Raplenovich	216-215-7478	mraplenovich@atcmaterials.com	SYSCOM Showcase	
Antennas and Antenna Radomes with Extreme Thermal Shock Resistance for Missile Applications						
<b>NAVSEA</b>						
A-P-T Research, Inc.	N201-045	Mark Swanson	540-220-9096	mswanson@apt-research.com	SYSCOM Showcase	
Development of a Debris Prediction Method for Hardened Structures						
Arete Associates	N20A-T014	Brad Walls	520-400-7803	bwalls@arete.com	Sea-Air-Space 2023	
Machine Learning for Simulation Environments						

Modeling and Simulation Technology

## Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Modeling and Simulation Technology	ARiA	N191-016	Justin McMillan	214-236-6259	justin.mcmillan@ariacoustics.com	SYSCOM Showcase
	Clustering and Association for Active Sonar Tracking and Classification					
	G2 Ops, Inc.	N191-030	Joyce Nelson	757-689-7222	joyce.nelson@g2-ops.com	SYSCOM Showcase
	Risk Reduction and Resiliency Modeling Software for Industrial Control Systems					
	Sonalysts, Inc.	N192-094	Michael Giannelli	860-326-3763	giannell@sonalysts.com	Sea-Air-Space 2023
	Multiplayer Serious Game for Anti-Submarine Warfare Sonar Operator Training					
	TIPD, LLC	N19A-T008	Adoum Mahamat	202-853-6008	adoum@tipdllc.com	SYSCOM Showcase
	Optical Emulator of Complex Electromagnetic Maneuverability (EM) Systems with Nanophotonics					
	ONR					
	Arorae Corporation	N193-A03-5	Mike Weber	813-261-5155	mweber@aro-corp.com	SYSCOM Showcase
Shared, Sensed, Distributed Undersea and Atmospheric Simulation Environment for Use in Maritime LVC Training at Sea - Advanced Technologies (including AR/VR) for Manpower, Personnel, Training, and Education						
Sensors	MCSC					
	Tercero Technologies LLC	N192-048	Carl Evans	872-270-3800	carl.evans@tercero.ai	Sea-Air-Space 2023
	Automatic Track Generation Micro Preprocessor for Dismounted Electronic Warfare					
	NAVAIR					
	Dual Sense Systems	N202-119	Balakishore Yellampalle	304-216-2583	byellampalle@dual-sense.systems	SYSCOM Showcase
	Cross Deck Pendant Health Monitoring					
	Hedgefog Research Inc.	N193-147	Alex Kolessov	310-935-2206	kolessov@hedgefogre-search.com	WEST 2023
	Multi-Band Laser Source for Atom Interferometry					
	Ipsolon Research, Inc.	N193-139	John Shanton	301-639-9567	jshanton@ipsolonre-search.com	Sea-Air-Space 2023
	Low Power, Portable (Podable) Rapid Processing of High Sample-Rate In-Phase Quadrature (IQ) Data					
	Luna Innovations Incorporated	N192-076	John Ohanian	540-443-3872	ohanianj@lunainc.com	SYSCOM Showcase
	Fiber Optic Pressure Sensing for Military Aircraft (MIL-Aero) Environments					
	Nanohmics, Inc.	N201-014	Mark Lucente	512-389-9990	mlucente@nanohmics.com	Sea-Air-Space 2023
	Compact Long-Wave Infrared Hyperspectral Imager with Monolithically Integrated Tunable Optical Filter					
	Scientific Systems Company, Inc.	N111-025	Jeffrey Morrison	781-933-5355 x269	jeffrey.morrison@ssci.com	Sea-Air-Space 2023
	Collision Avoidance Decision Making in the Face of Uncertainty					
	NAVSEA					
	Applied NanoFemto Technologies LLC	N20A-T012	Xuejun Lu	978-761-4293	xuejun.lu@applied-nanofemto.com	WEST 2023
	Electromagnetic Interference (EMI) Resilient, Low Noise Figure, Wide Dynamic Range of Radio Frequency to Photonic (RF Photonic) Link					
	Energy to Power Solutions	N192-122	Christopher Rey	865-250-0237	cmrey@e2pco.com	SYSCOM Showcase
Spatially Integrating Magnetometer						
Physical Sciences Inc.	MDA14-001	Julia Dupuis	978-738-8273	jdupuis@psicorp.com	WEST 2023	
Secure and Survivable Electronics and Software						



Navy STP 2022-23 Cohort...Continued

	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Sensors	VRTUL Inc.	N192-099	Casey Sapp	407-718-9156	casey@blueringimaging.com	Sea-Air-Space 2023
	3D Visualization Capability for Fleet Remotely Operated Vehicles (ROVs)					
	ONR					
	Boston Engineering Corporation	N09-T001	Ben Grimsley	781-790-8217	bgrimsley@boston-engineering.com	Sea-Air-Space 2023
	Autonomous Launch, Recovery and Turn-Around Systems for Small UAVs					
	Extreme Sonar LLC	N191-038	Kimberly King	702-523-0862	kimmie.king@extreme-sonar.com	Sea-Air-Space 2023
	Through-the-Hull Data Transfer					
	IMSAR LLC	N201-070	Karen Grant	801-798-8440	karen.grant@imsar.com	SYSCOM Showcase
	Sensors and Autonomy for Unmanned Maritime Missions					
	NanoSonic, Inc.	N192-120	Hang Ruan	540-626-6266	hruan@nanosonic.com	SYSCOM Showcase
	Small-Scale Velocity Turbulence Sensors for Undersea Platforms					
	Voss Scientific, LLC	N181-075	Alex Lovesee	505-934-9956	alexl@vosssci.com	WEST 2023
	Navy-Electronic Battle Damage Indicator (eBDI) Tool for Non-Kinetic High-Power Radio-Frequency (RF) Engagements					
	SSP					
	McQ Inc.	N201-078	James Morrison	540-373-2374	jmorrison@mcqinc.com	Sea-Air-Space 2023
Small-scale Health Monitoring Device for In-tube Environment Monitoring						
Spectral Energies, LLC	AF17A-T002	Sivaram Gogineni	N/A	sivaram.gogineni@spectralenergies.com	Sea-Air-Space 2023	
Sensors for High Pressure and Temperature Hypersonic Testing Facilities						
Sustainment	NAVAIR					
	Creare LLC	AF131-120	Paul Movizzo	603-640-2539	pgmovizzo@creare.com	Sea-Air-Space 2023
	Hand-Held Fastener Surface Measurement					
	Dignitas Technologies, LLC	N202-106	Donald Hamilton	850-377-0291	dhamilton@dignitas-technologies.com	Sea-Air-Space 2023
	Alternative Software Architecture for Personal Electronic Maintenance Aids					
	ONR					
	CHI Systems, Inc.	N201-X02	Charles Barba	215-264-9173	cbarba@chisystems.com	SYSCOM Showcase
	ADAPT - Naval Depot Modernization and Sustainment					
	Colvin Run Networks, Inc.	N204-A02	Nikhil Shenoy	703-967-1967	nikhil@colvinrun.net	WEST 2023
	Digital Logistics					
Metis Design Corporation	N111-067	Seth Kessler	617-661-5616	skessler@metisdesign.com	SYSCOM Showcase	
Underwater Structural Health Monitoring of Composite Navy Propellers						

## Navy STP 2022-23 Cohort...Continued

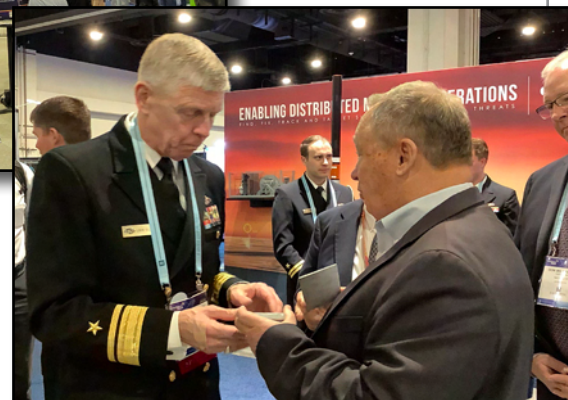
	Company / Topic Title	Topic #	POC	Phone	POC Email	Showcase Event
Sustainment	Sarcos Group LC (dba Sarcos LC)	NASA-91.1	Jim Miller	813-503-0842	j.miller@sarcos.com	Sea-Air-Space 2023
	Space-Suit Glove Tester					
	TurnAround Factor	N201-X02	Matthew Roy	804-404-8487	matthew@turnaround-factor.com	SYSCOM Showcase
	ADAPT - Naval Depot Modernization and Sustainment					
Weapons Technologies	MCSC					
	Harkind Dynamics, LLC	N183-140	Craig Gallimore	703-447-4871	cgallimore@harkind.com	Sea-Air-Space 2023
	Small Arms Long-Range Human Electro-Muscular Incapacitation (HEMI) Munition					
	NAVAIR					
	McCormick Stevenson Corp.	N192-074	Matthew Gaines	941-448-9261	matthew.gaines@mccst.com	SYSCOM Showcase
	Flow Forming Bomb Bodies					
	Polaris Sensor Technologies, Inc.	N191-003	Laura Eshelman	651-470-3472	Laura.Eshelman@PolarisSensor.com	SYSCOM Showcase
	Optically-Aided, Non-Global Positioning System (GPS) for Aircraft Navigation Over Water					
	NAVSEA					
	Gloyer-Taylor Laboratories LLC	N201-048	Tim Lewis	858-449-6457	tim.lewis@gtlcompany.com	WEST 2023
	MK 48 Torpedo Composite Fuel Tank					
	NP Photonics, Inc.	N201-044	Arturo Chavez-Pirson	520-799-7438	chavez@npphotonics.com	SYSCOM Showcase
2 Micron Wavelength Kilowatt Class High Energy Laser/Amplifier						

***“The Navy STP has allowed us to get a lot of exposure at WEST and with the Navy in general. We normally would not have come to a big event like this. We are a very small woman owned company about 46 people strong but this allows us to get bigger exposure; it allows us to talk to our customers about our solutions. The market research that was done by the Navy STP was critical for us to have a very productive show.”***

Meredith Payne, Caliola Engineering

*“I was able to meet prime contractors. I talked to someone from General Dynamics who was impressed with what we are working on and he wants me to reach out to him. I spoke to NAVAIR. The project we are working on came from NAVSEA but now NAVAIR saw the benefit of what we are providing to NAVSEA and now they would like to apply the same technology to aircraft rather than only ships.”*

Dr. Adoum Mahamat, TIPD, LLC



*“Navy STP helped us with research trying to figure out where and who we should be talking to, what kind of customers we should be interfacing with and providing us other companies that we might be able to link up with and partner with. Most beneficial has been helping us put together our marketing package, finding out exactly how to market it to the right customers.”*

Jonathan Day, Machina Cognita Technologies Inc.



*“Working with the Navy STP this year has been excellent. Our business consultant has been really engaged. He asks really good questions and helps me clarify my thinking about how I want to engage potential customers and continually emphasizes the importance of listening to what the customer’s needs are and listening to the voice of the customer and hearing what you can be doing for them.”*

Christopher Gittens, Physical Sciences Inc.





# STP

## NAVY SBIR TRANSITION PROGRAM

Let's connect! For SBIR/STTR, transition and small business news, follow the Navy SBIR Transition Program (Navy STP) on three platforms. Connect with us here:



[@NavyFST](https://www.linkedin.com/company/navyfst)



[www.youtube.com/c/NavyFST/videos](https://www.youtube.com/c/NavyFST/videos)



[@NavyFST](https://twitter.com/NavyFST)

