ANNUAL 
Awards 
NSWC PANAMA CITY DIVISION 
Ensuring Warfighting Dominance in the Littoral Battlespace
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EVENT AGENDA

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Master of Ceremonies

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Dr. Peter Adair, SES, Technical Director

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JOIN LIVE!
PCDlive + Facebook + YouTube
Livestream link will be sent via Navy email
Despite the COVID-19 pandemic, the 2020 Annual Awards is held virtually to recognize the efforts and accomplishments of our workforce, and congratulate our 2020 Annual Award recipients. Due to COVID guidelines and social distancing, photos were digitally composited.

The livestream will be available on PCDlive, Facebook, and YouTube. Links will be sent out via email for all platforms.

Visit the Wiki page for updated information: wiki.navsea.navy.mil/display/pcd103/awards

The video will be streaming and premiering at the same time on all platforms.

facebook.com/nswcpcd
youtube.com/nswcpcdpao
About

The NSWC PCD Annual Awards, also known as the Commanding Officer and Technical Director (CO/TD) Awards, is a prestigious event that provides the Command with the opportunity to showcase and acknowledge the great work accomplished by our civilian employees here at NSWC PCD. This event highlights achievements and provides knowledge about future initiatives. This event has been held for many years with hundreds of recipients.

Each year, individuals are selected amongst a highly competitive pool of nominees. The accomplishments, accolades, and the great work of our people here at NSWC PCD are too numerous to count. For that, the CO/TD say “thank you” to all.

Each year, one individual is inducted into the NSWC PCD Hall of Fame. The employee must have been a retiree from NSWC PCD for a minimum of five years.

Congratulations to this year’s winners!
Applicability: Any civilian or military employee may submit a nomination to be reviewed by the nominee's chain of command.

Procedures: Nominators use the Awards Nomination Form found on the Awards Wiki site: wiki.navsea.navy.mil/display/PCD103/Awards.

All entries on the nomination forms must be completed. The nomination should contain specific examples or a description of the individual's or team's performance or achievement in relation to the award criteria.

All nominations should be submitted through the nominee's chain of command. Upon approval from the chain of command, the nominations should be forwarded to the Awards Program Coordinator.

The CO/TD Award final selections are made by the Commanding Officer and Technical Director, based on recommendations from an evaluation panel consisting of a mix of representatives, including the Department Heads, Deputy Department Heads, and other personnel.

HOW TO NOMINATE

Annual Awards nomination calls typically run the month of November and are selected mid-December. The process is easy. Simply fill out the application form and submit to your supervisor for approval. Your supervisor will process the application up the chain. That’s it!

Mark your calendars to nominate an outstanding colleague or team in 2021! We are proud of the work that is accomplished here at NSWC PCD and we want to recognize YOU!

For details regarding nominations, visit: wiki.navsea.navy.mil/display/pcd103/awards
Patents

THE 2020 PATENTS OF NSWC PCD PERSONNEL
AND THE INDUCTION OF NEW MEMBERS TO
THE INVENTOR’S SOCIETY
About

IT PAYS TO PATENT!

Patenting your inventions can be rewarding.

• $400 for submitting a complete invention disclosure to the Legal Office

• $300 for the filing of a patent application with the U.S. Patent and Trademark Office

• $500 for the issuance of a patent from the U.S. Patent and Trademark Office

• Licensed patents – first $2,000 to inventor plus 20% of the amount over $2,000 annually

DID YOU KNOW?

You could earn up to $2k for a patent?

For further information on these rewards and on how to submit your idea for patenting, contact the Legal Office 850-235-5169
INVENTORS

JOHN HYLAND
CHERYL SMITH

PATENT NUMBER
10,520,600

PATENT DATE
12/31/2019
METHOD AND SYSTEM FOR PERFORMING MAGNETIC ANOMALY SENSING

INVENTORS
EMILY MOUNT
NEIL CLAUSSEN

PATENT
NUMBER
10,527,686

PATENT
DATE
1/7/2020
REFILLABLE GAS TANK WITH PNEUMATIC VALVE CONTROLLER

INVENTORS

JACOB CORNMAN
BRIAN TOOLE*
KIRK VANZANDT

PATENT NUMBER
10,648,619

PATENT DATE
5/12/2020

* Indicates newly inducted into Inventor's Society
MAGNETIC ANOMALY SENSING SYSTEM USING TWO TRIAXIAL MAGNETOMETER SENSORS

Patent No.: US 10,663,614 B1
Patent Date: May 26, 2020

Inventors: ROY WIEGERT
KURT GIARDINA

Patent Number: 10,663,614
Patent Date: 5/26/2020

Abstract
A magnetic anomaly sensing system and method uses two triaxial magnetometer sensors arranged in a coplanar configuration with the sensors' magnetic sensing axes being parallel to each other. The sensors are spaced apart from one another along one of the sensing axes by a distance d, with midpoints between the sensors along the sensing axis being located a distance D from a reference datum. A processor implements an iterative process to include generating scalar magnitudes of magnetic anomaly fields measured at each of the sensors where the magnetic anomaly field is associated with a magnetic object. A scalar range from the sensor to the magnetic object is generated based on the distance D, the distance Z, and the scalar magnitude. A magnetic dipole moment of the magnetic object is generated using the scalar range and the scalar magnitudes.
INVENTORS
BRIAN WENTWORTH*
DENNIS GALLAGHER
RICHARD MANLEY
WILLIAM HUGHES
BRYAN (TIEN) LE*

PATENT NUMBER
10,676,168

PATENT DATE
1/9/2020

* Indicates newly inducted into Inventor's Society
PATENTS

INVENTORS
JOSHUA KOGOT*
MATTHEW KINCER*
APRIL HIRSCl*

PATENT NUMBER
10,752,772

PATENT DATE
8/25/2020

* Indicates newly inducted into Inventor’s Society
# CLEARANCE-MEASURING BREAK-AWAY PINTLE HITCH

## INVENTOR

**JAMES SOVEL**

## PATENT NUMBER

10,752,065

## PATENT DATE

8/25/2020

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### United States Patent

**Sovel**

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### CLEARANCE-MEASURING BREAK-AWAY PINTLE HITCH

**Applicant:**

United States of America as represented by the Secretary of the Navy, Washington, DC (US)

**Assignee:**

United States of America as represented by the Secretary of the Navy, Washington, DC (US)

**Inventor:**

James Sovel, Panama City, FL (US)

**Patent Number:**

10,752,065

**Patent Date:**

8/25/2020

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### References Cited

#### U.S. PATENT DOCUMENTS

- 1,493,748 A * 4/1934 Berkin .................................. B66D 1/16
- 1,491,631 A * 4/1934 Schum .................................. B66D 2/04
- 1,381,915 A * 4/1932 Chau .................................. B66D 1/14

* cited by examiner

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### Patent Abstract

A clearance-measuring breakaway pintle hitch includes a means having a first end and for coupling to a vehicle. A pintle body has a portion thereof aligned with and coupled to a second end of the means by a show pin. Gauge members are pivotally coupled along a common axis of rotation to the pintle body. Each gauge member is rigid and has a unique length measured from the common axis of rotation. Each gauge member is independently rotatable about the common axis of rotation.

15 Claims, 4 Drawing Sheets
GAS TEMPERATURE REDUCING SYSTEM FOR REGULATING DELIVERY OF A HIGH-PRESSURE GAS

INVENTORS

JACOB CORNMAN
BRIAN TOOLE
KIRK VANZANDT

PATENT NUMBER
10,808,889

PATENT DATE
9/20/2020
AUTOMATIC VEHICLE DEPTH REGULATION SYSTEM

INVENTOR
BRYAN REYNOSO*

PATENT NUMBER
10,822,066

PATENT DATE
11/3/2020

* Indicates newly inducted into Inventor's Society

References Cited
U.S. PATENT DOCUMENTS
5,713,399 A * 02/1998 Tapia Por Alfaro .. B66B 1/22
2019/0047679 A1 * 02/2019 Evans .......... C09F 1/441
* cited by examiner

Primary Examiner — Stanley P. Avila
Attorney, Agent, or Firm — James T. Shepard

ABSTRACT
An automatic depth regulation system uses changes in water pressure to automatically control the depth of an underwater vehicle. The system uses a piston chamber having a piston that is movably disposed within the chamber and mechanically linked to the vehicle's fins. The bottom of the piston is subjected to pressure from the ambient environment through which the vehicle travels. The chamber contains a compressible medium at a predetermined pressure above the piston. A spring is also above the piston in the chamber. Changes in ambient pressure on the bottom of the piston causes the piston to move within the chamber, thereby rotating the fins to adjust the depth of the vehicle to the desired, preselected, depth. The desired depth is determined by the pressure and spring force exerted on the top of the piston in opposition to the ambient pressure.

19 Claims, 9 Drawing Sheets
HEAD UP SYSTEM FOR UNDERWATER FACE PLATE

INVENTORS
RICHARD MANLEY
BRIAN WENTWORTH
DENNIS GALLAGHER
WILLIAM HUGHES
ALLIE WILLIAMS*

PATENT NUMBER
10,877,282

PATENT DATE
12/29/2020

* Indicates newly inducted into Inventor's Society
Annual Awards

THE 2020 COMMANDING OFFICER AND TECHNICAL DIRECTOR ANNUAL AWARDS
Categories

COLLABORATION EXCELLENCE

DR. DAVID P. SKINNER AWARD FOR OUTSTANDING SCIENTIFIC AND ENGINEERING ACHIEVEMENT

EXCEPTIONAL TECHNICAL SUPPORT

EXEMPLARY LEADERSHIP

NEW PROFESSIONAL EXCEPTIONAL ACHIEVEMENT

OUTSTANDING FLEET SUPPORT

OUTSTANDING INNOVATION

OUTSTANDING ORGANIZATIONAL SUPPORT

OUTSTANDING PROGRAM SUCCESS

OUTSTANDING TEAM ACHIEVEMENT

TECHNICAL EXCELLENCE

HALL OF FAME
For exemplary efforts in creating new relationships and fostering existing partnerships with over nine organizations, including other Warfare Centers, while overseeing more than 20 individuals across three different departments and many career paths. Dr. Matthews developed and fielded a number of sensing solutions and low-cost Unmanned Underwater Vehicle (UUV) designs for a wide range of partners conducting littoral Counter-UUV (CUUV) testing and data collection events. He was awarded more than $1M in coveted Defense Advanced Research Projects Agency funding for the Persistent Aquatic Living Sensors project. Dr. Matthews also lead the Rapid Prototyping and Experimentation project which is a multiple Warfare Center effort.

Dr. Matthews represents Naval Surface Warfare Center Panama City Division for the Executive Director’s Cup, a cross-Warfare Center competition collaboration with NSWC Crane. Along with his collaboration, leadership, and organizational efforts, Dr. Matthews is regularly called upon to brief end-users and program officers. He is also the lead for the CUUV Community of Interest, a group of more than 200 Department of Defense stakeholders. Dr. Matthews led the way for leveraging external resources and making every dollar count. For Dr. Matthews’ tireless contributions to advance United States Naval capabilities through leadership and collaboration, he is recognized as the 2020 Collaboration Excellence Award recipient.

AWARD NOMINEES

- Tyler Moak
- Phillip “Gabe” Allen
- Quickstrike Extended Range Team
DR. DAVID P. SKINNER OUTSTANDING SCIENTIFIC AND ENGINEERING AWARD

Dr. Robert Cole

For exceptional engineering contributions towards characterizing and charting the path to overcoming the Landing Craft Air Cushion (LCAC) 100’s number one technical issue faced. Dr. Cole is recognized as the expert in Air Cushion Vehicle (ACV) propulsion, lift fan, bow thruster, and machinery systems. His developed action plan to gather and analyze propeller performance data, ensuring critical information was captured and analyzed, directly led to identifying valuable short-term solutions. Dr. Cole is being recognized for the exceptional engineering performed to help address the propeller performance problems. These solutions significantly saved the program life on cost, and provided more time, while long-term solutions were researched. For Dr. Cole’s contributions towards solving the LCAC 100’s number one technical issue, he is recognized as the 2020 Dr. David P. Skinner Outstanding Scientific and Engineering Award recipient.

AWARD NOMINEE Dr. Isaac Sledge
For providing invaluable technical support across multiple disciplines, including Test and Evaluation (T&E), Test Directing, Oceanography, and Science and Technology - often supporting more than one of these disciplines simultaneously during the same event. Jessica has an inspiring work ethic and unparalleled contributions in her many roles in the Navy Test and Evaluation community. Jessica successfully collected more than 72 data casts of invaluable environmental data for system performance evaluation while living at-sea and working irregular hours in high sea states. She provided technical support above and beyond her tasked responsibilities. During the COVID-19 outbreak, Jessica provided critical contributions despite the challenges faced to ensure the baseline schedule would continue as planned. Jessica also distinguished herself as a young professional ambassador for T&E as she has taken on the role of mentoring new hires. Jessica has impacted multiple entities internally and externally through her exceptional technical expertise and her inspiring attitude and for this she is being recognized as the 2020 Exceptional Technical Support Award recipient.
EXEMPLARY LEADERSHIP AWARD

Rachael Robinson

For inspiring success in others and effectively leading many individuals and programs. Through her leadership, Rachael has established an extremely high level of customer satisfaction that ensures open communications, team working on problem resolution, and collaboration on future work efforts. She has established a trust-based communication flow with the sponsors on work accomplishments, issues and risks, funding status, project personnel resource status, and contracted work efforts. As the program manager for PMS 420 and 501, she provides a huge personal commitment of time and energy. Rachael’s work ethic is infectious and she is the embodiment of a “leader by example.” For Rachael’s character, courage and vision to not only succeed personally, but to inspire success in her teams and individual team members, she is recognized as the 2020 Exemplary Leadership Award recipient.

AWARD NOMINEES

- Michael Conn
- Kimberly Lawler
- Brian Mathewson
- Jena Rhea
NEW PROFESSIONAL EXCEPTIONAL ACHIEVEMENT AWARD

Emily Keihn

For her impressive accomplishments in over two years at Naval Surface Warfare Center Panama City Division (NSWC PCD). Emily stands out for the significant technical contributions she has made in a short time on several big programs at NSWC PCD. She has come up with viable new design concepts, lead system development, and worked directly with sponsors and stakeholders to help inform their decision-making. Emily is also exceptional for her understanding of the value of sharing knowledge. She does not wait until she is a senior employee to share her knowledge, she has regularly participated in the Science, Technology, Engineering, and Math (STEM) outreach with the local school district. Emily is one of the first employees to complete the New Professional Program and is a shining example of how the program can benefit the organization and individual. For her outstanding contributions since being hired, Emily is the 2020 New Professional Exceptional Achievement Award recipient.
For their exceptional performance in installation events, rolling out the new version of the Virtual Secure Enclave (VSE) baseline, and supporting the Navy in determining how to use VSE in the future to protect our tactical networks from enemy intrusion. The Deployable Joint Command and Control (DJC2) VSE In-Service Engineering Agent (ISEA) team’s success has garnered significant accolades from the fleet, including Senior Executive Service level leaders. The team’s success is evident by the accolades and even more by the fact U.S. TENTH Fleet (C10F) is considering establishing VSE as the Navy’s primary tactical operations network. For the exceptional support the team provides to the fleet, benefits to the warfighter, and the impact it has made, the DJC2 VSE ISEA Team is recognized as the 2020 Outstanding Fleet Support Award recipient.
OUTSTANDING INNOVATION AWARD

EX 28 Team

THE TEAM
- Brian Toole
- Kirk Vanzandt
- Jacob Cornman
- Dylan Gouletas
- Anthony Bleichner
- Jonas Hudson
- Al Porteus
- Frank Crane

For using technical talent and skill, innovative problem solving, unwavering dedication, incredible teamwork, and sheer determination to successfully deliver the required five production units to Navy Experimental Diving Unit and achieving the seemingly impossible deadline. The EX 28 team developed two additional capabilities during the certification process, providing more capability than originally envisioned. The EX 28 team developed the Emergency Life Support Vertical Insertion System in less than four months, enabling successful completion of the at-sea demonstration dives. The Controlled Oxygen Breathing Apparatus was also developed as an emergency backup breaking system in hyperbaric spaces and greatly reduce the required stored gas volumes. For providing a critically needed capability to the warfighter, being an inspiring example of exactly how capable dedicated teams with a common purpose can be, and how creativity and innovation can help make the seemingly impossible doable, the EX 28 team is recognized as the 2020 Outstanding Innovation Award recipient.

AWARD NOMINEES
- Clandestine Delivered Mine Project Team (CDM) Team
- Alex Dence
- Electronic Ventilation Assist (EVA) Team
OUTSTANDING ORGANIZATIONAL SUPPORT AWARD

Komal Patel

For her tedious work, dedication to the command and Warfare Centers, and expertise. Komal’s contributions and achievements were not only vital to the Comptroller Department, but also Naval Surface Warfare Center Panama City Division and the Warfare Center community. Despite restrictions encountered due to COVID-19, Komal still trained two new accountants that enabled them to quickly take on the workload, as well as two successful virtual training events. Due to Komal’s tedious work of compiling backup documentation and manually transferring documentation in two days, she saved the command $118k. Komal was asked by Warfare Center Headquarters to represent the Warfare Center community in a virtual walkthrough of the financial statement compilation and reconciliation process to auditors who were impressed with Komal’s expertise and knowledge. For going above and beyond her job responsibilities and paving a way despite current conditions to ensure success and growth for the Command, Komal is recognized as the 2020 Outstanding Organizational Support Award recipient.

AWARD NOMINEES

- Katherine Mapp
- Lisa Arrieta
- Haley Walker
- Emily Little
- Angela Taylor
- Nicole Newsome
- Vinh Tran
OUTSTANDING ORGANIZATIONAL SUPPORT AWARD

Leslie O’Brien

For her noteworthy accomplishments and contributions to the overall Naval Sea Systems Command (NAVSEA) mission resulting in positive outcomes for Naval Surface Warfare Center Panama City Division’s (NSWC PCD) technical capabilities. Leslie is significant to the future of procurement at NSWC PCD. She has achieved establishing acquisition goals in a timely and affordable, cost-effective manner, saving the government approximately $1.48 million in fiscal year 2020 negotiations. Leslie’s efforts embody NAVSEA’s mission and her dedication to ensure every procurement is awarded ahead of schedule was noticed by NSWC PCD’s largest customer, PMS 495. Leslie also mentors entry-level contract specialists and seasoned senior contract specialists as she is known as one who brings willingness to tutor others with her wealth of contracting knowledge. For her significant role in implementing NAVSEA00’s Strategic Plan, NSWC PCD TD’s Strategic Plan, and NSWC PCD Contract office initiatives to streamline contracting, Leslie is recognized as the 2020 Outstanding Organizational Support Award recipient.

AWARD NOMINEES

- Katherine Mapp
- Lisa Arrieta
- Haley Walker
- Emily Little

- Angela Taylor
- Nicole Newsome
- Vinh Tran
OUTSTANDING ORGANIZATIONAL SUPPORT AWARD

David Neet

For his creativity to enhance the experience and innovation to address challenges resulting in an onboarding program that is the best this command has hosted in many years. David unfailingly hosts all of the command’s new hires who bring a wide variety of professional experiences and career levels, conducting over 200 mandatory training lessons throughout 25 onboarding classes. While facing the COVID-19 pandemic, David quickly modified the design of onboarding to a virtual format in under 18 hours. He regularly modifies the program after receiving feedback to continually improve the program, resulting in an average rating of 4.75 out of 5 on satisfaction and effectiveness for the year. For his outstanding contributions to the command, innovativeness to provide quality onboarding virtually, and ability to quickly modify and improve the program, David is recognized as the 2020 Outstanding Organizational Support Award recipient.

AWARD NOMINEES

- Katherine Mapp
- Lisa Arrieta
- Haley Walker
- Emily Little
- Angela Taylor
- Nicole Newsome
- Vinh Tran
For designing, building, and demonstrating the U.S. Navy’s first ever Remote Control (RECO) of a Maritime Minefield. The Clandestine Delivered Mine (CDM) Project Team developed a RECO capable mine and designed the mine behaviors and control schema that will allow RECO to be a useful tool for today’s Naval Fleet. The CDM Team accomplished this while reducing the burden of verification and validation testing by months if not years and from a 14-foot Submarine Launch Mobile Mine into a compact 56-inch package. The size and weight reduction enables Unmanned Undersea Vehicle delivery of multiple weapons. For their success in designing, building and demonstrating the first ever Maritime Minefield RECO, the CDM Team is recognized as the 2020 Outstanding Program Success Award recipient.

OUTSTANDING PROGRAM SUCCESS AWARD

Clandestine Delivered Mine (CDM)

THE TEAM

- Marty Richardson
- Stephen Hoyer
- Tony Simpson
- John Sojdehei
- Steve Akin
- Matt Warrell
- Jim Keith
- Donnie Kiper
- Austin Schwarz
- Matt Naughton
- Jordan Bolduc
- Phillip Cederstrom
- Steve Crowley
- Raymond Myers

Not pictured: Steve Akin

AWARD NOMINEES

- Barracuda Team
- Kristen Campbell
- Pamela Fuhrman
- Dr. Jeremy Hatcher
- Stephen Howell
- Brian Toole
- Robert Woodall
For the exceptional program accomplishments of this project team, and the extraordinary partnership and perseverance of every member. The Positive End Expiratory Pressure (PEEP) Regulated Emergency Ventilator (PRE-Vent) is a low-cost ventilator for COVID-19 victims that can be assembled from parts found at a hardware store using a set of simple instructions and was developed in just under two months. It took extraordinary dedication and personal sacrifice from each team member to close the gap in the availability and production of ventilators. The United States Special Operations Command Vulcan platform launched the “Hack-a-Vent Challenge” resulting in 172 responses across academia, industry, and government. Only five prototypes were recommended, PRE-Vent being one and the only from a government team. A mass production of PRE-Vent has been prepared and will be used effectively and immediately by physicians. For the significant achievement contributing to the success of Naval Surface Warfare Center Panama City Division and an increased chance of survival for those impacted by COVID-19 by creating the highest quality product at the lowest cost, the PRE-Vent Team is recognized as the 2020 Outstanding Team Achievement Award recipient.
For their exemplary cooperative efforts and outstanding collaboration supporting numerous Mine Countermeasures (MCM) Mission Package (MP) Test and Evaluation (T&E) events on the Littoral Combat Ship and on Vessels of Opportunity. The T&E team provided critical personnel and subject matter experts for the many testing events in Fiscal Year 2020. The team provides the backbone for all significant test events leading up to Initial Operation (IO) T&E. The team actively demonstrates facets of each Naval Surface Warfare Center Panama City Division Strategic Objectives. For their achievement in collaborating, leading, and supporting successful IOT&E as a team, the MCM MP T&E Team is recognized as the 2020 Outstanding Team Achievement Award recipient.

THE TEAM

- Amanda Elkins
- Le’Derick Smedley
- Jason Newton
- Bruce Potemken
- Jonathan Shiver
- Dr. Erin Cotton
- Shin Miin A Tzuoo
- Nate Waldstein
- Logan McCall
- Gabriel Perez-Figueroa
- Jeffrey Blankenship
- Russ Wilson
- Mike Sullivan
- Robert Gilardi
- Nicole Pagan-Montanez
- Douglas Guardino
- Steen Jensen
- Thuy Tran

Not pictured: Amanda Elkins, Jonathan Shiver, Shin Miin A Tzuoo, Jeffrey Blankenship, Douglas Guardino

AWARD NOMINEES

- Coastal Battlefield Reconnaissance and Analysis System (COBRA) Procurement Team
- Dormant Accounts Receivable Quarterly Comptroller Team (DARQ) Comptroller Team
- EX 28 Team
- Mine Countermeasures Mission Package Tactic and Analysis Team
- Mine Countermeasures Unmanned Surface Vessel
- MK18 Scuttle Implementation Team
- Unmanned Multi-Rotor Ariel Relay Team
- Precise Integrated Navigation System In-Service Engineering Agent (PINS) ISEA Team
- Quickstrike Extended Range Team
- Quickstrike Mod 3 Project
- Workforce Development Team
For his outstanding body of technical work on Air Cushion Vehicle (ACV) Systems, including both the Landing Craft, Air Cushion (LCAC) program and Ship-to-Shore Connect program/LCAC 100 Class and his active role in mentoring new engineers. The Navy, Naval Surface Warfare Center Panama City Division, and its ACV programs benefit greatly from the senior technical positions Leonard holds, and the guidance and hands-on expertise he provides. The warfighter benefits from the technical work Leonard does in helping advance warfighter capabilities, and in finding new ways to provide relevant fleet support products that enable them to train more effectively and use their capabilities well. Leonard is also committed to making an impact on the future of engineering development and the careers of new engineers, sacrificing time and energy to actively mentor new talent. For all of his contributions, Leonard is recognized as the 2020 Technical Excellence Award recipient.
For his long and distinguished career in support of developing data collection for the intelligence community. Stephen transformed a niche group into a significant organization with numerous projects delivering vital strategic intelligence in support of our country's security. He is considered a subject matter expert in the field of data collection by a number of intelligence organizations and his opinions were routinely sought and highly valued. After retirement, Stephen was acquired for two different terms as a retired annuitant. The group Stephen managed provided a large amount of funding and the organization was a part of every department. Stephen's greatest effect was in the area of professional development and mentoring. He single handedly built the next generation of leaders within the Naval Surface Warfare Center Panama City Division intelligence collection community. For the long-term effects of being an innovative engineer, extraordinary manager, unparalleled leader, and gifted mentor, Stephen is the 2020 Hall of Fame Award recipient.