

Technical Presentation:

### **SAME – Hybrid Industry Day**

**Theme:** SAME – 100 Years Inspiring Government & Industry Partnerships

**Topics:** Tyndall AFB Rebuild, USACE Southeast, Navy, USCG Opportunities,  
Bay County Regional Logistics/Personnel Challenges & Opportunities

**July 28th:** Icebreaker Sheraton **July 29th:** Industry Day (In Person & Online)

**Location:** Sheraton Panama City Beach Golf & Spa Resort, Panama City Beach, FL

Aug

Virtual Technical Presentation:

### **“Overview of Wireless Signal Communication System”**

**ITE – Mr. Ben Faust, P.E., Vice President DRMP Inc.**

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The Panama City Post had four people in attendance for the Virtual Post Leadership Workshop (VPLW) held on 10-12 August 2020. The workshop started off with our SAME National and Vice Presidents speaking on three topics. The VPLW was beneficial in the fact that it gave us strategies, best practices, and tools that are most effective for us to grow our membership, to foster greater member engagement and leadership, and to enhance our members' experience with SAME. – Joseph Harmon, Assistant Project Manager, ESA South, Inc.

Sept

Virtual Technical Presentation:

### **“Use of Ground-based Laser System to Disrupt Unexploded Ordnance”**

**Air Force Civil Engineer Center: Marshall (Doc) Dutton, CIV, DAF; Explosive Ordnance Disposal (EOD), Modernization & JCTD PM**

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## TME Presented: “Sustaining Contingency Bases Through Solar Power”

Briefed September 16, 2020 by Panama City Post’s own Maj Nathan Thomsen, P.E., USAF

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### In Other News:

Navy League of the U.S. Panama City Bay County Council, POC: Mr. Rick Weston, provided a Post Grant Report to the S.A.M.E. Panama City Post. The Navy League had requested \$10,000.00 and the post Board of Directors granted \$6,000.00, for their STEM Initiative called “Taking Bay County STEM camps to the Next Level”. The following are some highlights. See our websites Program page for the entire report.

### Which STEM mission and goals were achieved?

Instilling an interest in science, technology, engineering and math in the minds of middle and high school students. Giving those students skills they need to excel and confidence to strive along with tools they need to get into competitive STEM careers.



Students soldering parts of their Sea Glider Kit as part of GCSC 8<sup>th</sup>-10<sup>th</sup> grade STEM camp project

**Outcomes:** Eighty-Three 8th-10th grade students were exposed to multiple aspects of STEM career fields. The camp (one week) had teams of 4 students use a Sea Glider kit to make an autonomous underwater glider. Students used 3D printing to make fins, nose cones and tail sections. They soldered the circuit boards into the kit. They programed the autonomous drone to

traverse an Olympic size swimming pool. They learned cyber security (next year's camps will have an airborne remote-control drone, with cyber security required, with teams attempting to 'hack' as other teams navigate their drones) both hacking and the importance of good cyber security. The majority of students indicated that they desired to attend the 2021 sessions.



Week two GCSC 8th-10<sup>th</sup> grade STEM camp final project Sea Gliders assembled after successful test

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S.A.M.E. Panama City has extensive outreach with the community. Lori Price shared that the gulf coast district schools are purchasing more STEM carts (with Magnetic tiles, dot dash robots, Lego boost packages, etc.) and is open to suggestions on what to include. The kids look excited! - Amabelle Paquia Marchi, PE, DRMP Inc.

- Does anyone have any suggestions? Send them to [panamacity.same@gmail.com](mailto:panamacity.same@gmail.com)







**Sheraton Panama City Beach  
Golf & Spa Resort**  
4114 Jan Cooley Drive  
Panama City Beach, FL 32408

Host Organization



Supporting Organization



You are invited to attend **POWER UP ENERGY EXPO 2020** at the Sheraton Panama City Beach Golf & Spa Resort on October 28-29, 2020

**Building Smart, Sustainable Communities**

**POWER UP ENERGY EXPO** is the largest business event for energy and sustainability professionals along the Gulf Coast. Recently, Congress passed and the President signed a \$19 billion disaster relief bill, including funds for rebuilding Northwest Florida and Tyndall Air Force Base following Hurricane Michael. Join us and learn about new business opportunities and expand your professional network.

**Day 1 (October 28th)**

- Leveraging Partnerships for Community Resilience
- Net Zero Installations + Energy Microgrids
- Intelligent Buildings + IoT
- Fortified Construction + Contract Acquisition
- Energy Resilience Policy + Finance

**Day 2 (October 29th)**

- Plenary Session I:
- Energy Security in the 21<sup>st</sup> Century
- Plenary Session II:
- Designing the "Base of the Future"
- Business Networking: One-on-One Matchmaking Sessions

This 2-Day event will consist of presentations from State/City/County leaders, Federal/Military contracting officials, architectural, engineering, and construction firms, energy services companies and many more. Network with other industry professionals at the charity golf outing (October 26<sup>th</sup>) and meet with exhibitors in the Technology Demonstration Area. Learn about new business opportunities for large and small businesses. Don't miss all the networking opportunities at the POWER UP VIP Reception.

For sponsorship information or to register for **Power Up Energy Expo 2020**,

**Sales and Sponsorship:** Contact Emily at (904) 338-2817 or [Emily@GulfCoastEnergyNetwork.org](mailto:Emily@GulfCoastEnergyNetwork.org)

**Event Website:** [www.PowerUpEnergyExpo.com](http://www.PowerUpEnergyExpo.com)



Sustainable Design



Construction



Engineering



Resiliency

Power Delivery

Innovation

## See Upcoming National Events!

- Title: SAME National Leadership Opportunities:
  - Date/time of webinar: Friday, Oct. 30, 12:00 – 1:00 pm Eastern Time
  - Register here: <https://attendee.gotowebinar.com/register/7946866935068025611>
- Virtual Federal Small Business Conference
  - Nov. 4-6 we may want to advertise.
  - <https://www.samesbc.org/about.cfm>
- National Officer Nominations is December 1, 2020!!
  - <https://www.same.org/Online-Forms/National-Leadership-Nominations>

**THANK YOU TO THE SUSTAINING MEMBER FIRMS ASSOCIATED WITH THE PANAMA CITY POST!**

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**THE SOCIETY OF AMERICAN MILITARY ENGINEERS PANAMA CITY POST, THE FLORIDA ENGINEERING SOCIETY GULF COAST CHAPTER, THE INSTITUTE OF TRANSPORTATION ENGINEERS EMERALD COAST CHAPTER; AND THE AMERICAN PUBLIC WORKS ASSOCIATION FLORIDA EMERALD COAST BRANCH HAVE PARTNERED.**



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**Florida Engineering Society**

