

Society of American Military Engineers, Huntington Post



# The Bridge



NEWSLETTER OF THE HUNTINGTON POST, S.A.M.E.

[www.same.org/huntington](http://www.same.org/huntington)



## This Month's SAME Meeting 12 May 2009

**Topic: Commanding the Engineering Mission in Iraq**

**Presented by: Brigadier General Melvin L. Burch**

### SUSTAINING MEMBERS

- AECOM
- AMEC
- Bergmann Associates
- Black & Veatch Special Projects Corp.
- Brayman Construction Corporation
- Burgess & Niple
- CDM
- Civil & Environmental Consultants Inc.
- Cosmos Technologies, Inc.
- DLZ National Inc.
- E.L. Robinson Engineering Co.
- Erdman Anthony and Assoc. Inc.
- Evans, Mechwart, Hambleton & Tilton Inc. (EMH&T)
- GAI Consultants Inc.
- Gannett Fleming Inc.
- Geosyntec Consultants, Inc.
- H.C. Nutting / A Terracon Co.
- HNTB
- Jacobs
- KCI Technologies Inc.
- L. Robert Kimball & Assoc. Inc.
- LJB Inc.
- MACTEC Engineering and Consulting Inc.
- Mason & Hanger
- McTech Corporation
- Michael Baker Corporation
- Novel Geo-Environmental, LLC
- Palmer Engineering
- PB
- Photo Science, Inc.
- Prime Engineering & Architecture Inc.
- Project Time & Cost Inc.
- Stantec Inc.
- Terradon Corporation
- Terraine, Inc.
- Tetra Tech Inc.
- The Peck Group, PC
- TMG Services Inc.
- Triad Engineering Inc.
- Virtual Ceo Consulting
- Woolpert, Inc.

### May Meeting

- Topic:** Commanding the Engineering Mission in Iraq
- Speaker:** Brigadier General Melvin L. Burch
- Date:** Tuesday, May 12, 2009
- Time:** 1130 to 1300
- Location:** Cabell County Main Library,  
455 9<sup>th</sup> St., Huntington, WV
- Cost:** \$5.00 students, \$7.00 members, \$8.00 non-members
- RSVP:** Mike Fitzwater at: [gary.m.fitzwater@usace.army.mil](mailto:gary.m.fitzwater@usace.army.mil)  
Office (304) 399-5933
- Menu:** Pot Luck, Dessert and Beverage

### MONTHLY POST MEETING SCHEDULE

- May 12, 2009 – Monthly Meeting
- June 9, 2009 – Monthly Meeting
- June 14-19 – Exploring Engineering: Academy of Excellence
- July 14, 2009 – Monthly Meeting
- August 11, 2009 – Monthly Meeting
- August 11-13 – SAME Regional, Detroit, MI

Don't forget to ask Dave Meadows for a PDH certificate if you need one.  
[david.f.meadows@usace.army.mil](mailto:david.f.meadows@usace.army.mil)

**Does your firm have a special announcement or major promotion on a SAME member?**

If so, contact **Dan Bailey**, [Daniel.S.Bailey@usace.army.mil](mailto:Daniel.S.Bailey@usace.army.mil) or (304) 399-5824, and he will include it in the next edition of "THE BRIDGE".



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Mr. Richard C. Mitchell  
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Ms. Lenora L. Sutphin

## Younger Members, *Brian Ball, Chair*

Young members are considering a new summer/ fall event (in addition to the golf outing). This event would be something like a hog roast and costume party. The foci of this event would be to increase young member involvement in SAME and provide opportunities for recruitment of new young members from new employees of the District and Sustaining Member firms. More details will be forthcoming.



## SAME National Conference

Join us at the SAME national Joint Engineer Training Conference & Expo May 12-15 in Salt Lake City, UT. We have a booth for the Post and would like to share the space with our Sustaining Members. If you would like to sponsor the space please contact Cheryl Brunty or Mark Kessinger.





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## **News from the President, *Ralph Norman, PE, PS, Post President***

The 2009 National Conference for The Society of American Military Engineers is being held this month in Salt Lake City, Utah from May 12<sup>th</sup> – May 15<sup>th</sup>. We will have several members of the SAME Huntington Post participating including a couple of our past presidents, USACE Huntington District Commander, Colonel Dana Hurst and Mack McCarty of Triad Engineering. A very special honor that can only be earned by sustained hard work and dedication to SAME is being installed as a member of the Academy of Fellows. In Salt Lake City, our own Mack McCarty will be among those being elevated into the Academy of Fellows. Congratulations Mack!

For any of those in our Post who are able to make the trip to the National Conference, I think you will find the conference very rewarding, not only for networking opportunities with other Posts and members of the various U.S. Military Organizations, but for abundant training and educational opportunities that occur at the conference.

I will not be able to personally attend this year, but Colonel Hurst will be representing the Huntington Post as our immediate past president and as Commander of the USACE Huntington District at key activities at the conference.

On the SAME website (<http://www.same.org>) you can discover more about what these conferences include. If you won't be attending the SAME National Conference, our upcoming regional conference for the SAME Great Lakes and Ohio Valley Region that will be held in Detroit in August 2009. The dates are August 11<sup>th</sup> through August 13<sup>th</sup>. We'd like to have a strong representation from the Huntington Post there, and you still have plenty of time to register. Check out the Calendar of Events link on the SAME website.

In the near term, we hope to see you at our Huntington Post monthly meeting on May 12<sup>th</sup>!

## **MU Student Chapter, *Corey Weaver, Chapter President***

This past month, the Marshall University Chapter visited Northrop Grumman in Newport News, VA. Northrop Grumman currently builds and supplies the US Navy with nuclear submarines and nuclear aircraft carriers. While on the trip, we were able to tour the USS Carl Vinson, see the design process using 3D visualization tools, and also tour the submarine and aircraft carrier assembly shops.

New officers have also been elected for the 2009-2010 academic year:

President - Andrew Copley  
Vice-President - Mark Upton  
Treasurer - Nathan Wagner  
Secretary - Caitlyn Davis-McDaniel

Individuals interested in the Marshall University Student Chapter can contact Andrew Copley, New President, at [copley86@marshall.edu](mailto:copley86@marshall.edu). Any ideas for on-site visits would be greatly appreciated.



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## **SAME Regional Conference**

The Great Lakes and Ohio River Regional conference is being held in Detroit, MI on August 11-13, 2009. Conference details, including the technical program, hotel accommodations, etc. are posted on the Detroit Post's web site, located at [www.same-detroit.org/09regional.html](http://www.same-detroit.org/09regional.html).

## **This Month's Presentation:**

Brigadier General Melvin L. Burch was the Commander of the 111th Engineer Brigade in Iraq during 2007 - 2008. BG Burch will discuss alert/notification and deployment, mobilization station training, and missions and challenges associated with this assignment. The missions and challenges included assured mobility/route clearance, bridging operations, force protection, and partnering with Iraqi Engineers.

## **This Month's Speaker:**

### **BRIGADIER GENERAL MELVIN L. BURCH**

**Assistant Adjutant General, Deputy Commander of the West Virginia Army National Guard, and Director of Installation and Facilities**

Brigadier General Melvin L. Burch is an Assistant Adjutant General, West Virginia Army National Guard and also serves as the Deputy Commander of the West Virginia Army National Guard. He is also dual-hated as the Director of Installation and Facilities. As the Deputy Commander he is responsible for making recommendations on the proper employment of land forces, planning and coordinating land operations or accomplishing such operational missions as may be assigned by the Adjutant General. He has the authority necessary to accomplish missions and tasks assigned by The Adjutant General. He is responsible for the overall readiness of the West Virginia Army National Guard. As the Director of Installation and Facilities he provides engineering planning and ensures execution of all engineering operations. He coordinates all aspects of engineering to include matters pertaining to installations, facilities, and the environment in support of military operations. He maintains engineer staff communications with National Guard Bureau, Army and Air National Guard, and other Local, State and Federal agencies. He coordinates execution of all engineering operations in support of domestic operations and exercises. He develops joint engineering and environmental plans, doctrine, policies, procedures, and reporting instructions in coordination with the Joint Forces Headquarters-West Virginia staff.

Brigadier General Burch was commissioned in 1971 through the Reserve Officer Training Corp program at The Ohio State University. He has commanded at every level to include an Engineer Brigade. From 2007 thru 2008 he served in Iraq as the Commander of the 111th Engineer Brigade.



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## Sustaining Members of the Month

### E.L. Robinson

E.L. Robinson is a multi-disciplined engineering/architectural firm with a staff of over 80 full-time professionals and support personnel located in seven offices throughout West Virginia and Ohio. Celebrating its 25<sup>th</sup> anniversary this year, E.L. Robinson has grown to one of the largest firms in the region, offering a diverse scope of services. Since 1978, E.L. Robinson has provided a full range of quality engineering services, from planning and analysis to design and implementation.

Named for its founder and president, Edward L. Robinson, P.E., P.S., the firm has based its success on a commitment to quality projects with superior client service. Finding new and creative ways to say yes to challenges has brought the firm's vision of excellence into reality. Along with this "*yes, we can do it*" attitude, the firm has grown to understand the ingredients of a professional service firm include not only brick and mortar, but also leading edge technology and a talented, motivated staff that is continually growing and advancing their skills.

The use of technology has allowed the firm to expand engineering capabilities and make use of new resources such as satellite imagery and digital mapping. In addition to the use of technology, E.L. Robinson also continues to strive to invent new and more effective ways to serve our clients. One of these ways is to provide a thorough pre-analysis of every project, saving the client time, money, and legal exposure. When the client is educated on every phase of the job and every challenge, the reputation of the firm grows stronger and attracts business from a larger marketplace.

For more information, please visit our website at [www.elrobinson.com](http://www.elrobinson.com).



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## Sustaining Members of the Month (Cont)



**Eastham & Associates** is a **SMALL BUSINESS** multi-disciplined consulting firm providing Professional Engineering, Land Surveying and Mapping related services since 1973. In more than 30 years of business, the firm has provided Professional services on over 5,800 projects for clients spanning the entire spectrum from government entities, large and small businesses and private individuals. The firm currently has a staff of 20 employees consisting of Licensed Surveyors, Professional Engineers, Computer Specialists and Administrative personnel. Various firm members hold a total of 17 professional registrations in 8 states. In addition, the services of other independent consultants and contractors are utilized as necessary to meet workload demands or specialized project requirements (e.g. labs).

The firm is a highly recognized regional leader in engineering, surveying and mapping services, utilizing the latest state-of-the-art field and office equipment and GPS and GIS techniques, throughout its zone of activity (primarily Ohio, West Virginia, Kentucky, and Virginia) and respected for its professional accuracy and quality of output. It holds memberships in 10 professional societies and has received many awards and citations for its work.

**Eastham & Associates** operates under the concept of total team participation. The firm's management philosophy is founded on the principles of Total Quality Management (TQM). These principles ensure that each client receives top management's commitment and involvement toward obtaining the highest quality services. Employees of the company are supported by management's commitment to provide the procedures, tools and training to implement each project successfully the first time. The firm characteristically provides timely, efficient work meeting schedules within budgetary constraints in a harmonious, friendly atmosphere. Mr. Eastham personally provides and controls overall project administration and management support for projects.

### SURVEYING SERVICES:

- ALTA / ACSM Surveys
- Topographic Surveys
- Gas & Oil Well Locations
- Construction Surveying and Stake-out
- Global Positioning System (GPS) Surveys
- Land Development
- Planimetric Surveys
- Highway Surveying
- Boundary Surveys
- As-Built Surveys
- Control Surveys
- Bathymetric
- Monumentation

### COMPUTER/MAPPING SERVICES:

- Fully Digitized / Vectorized USGS 7½ Minute Quadrangle Maps;
- Geographic Information Systems (GIS)

### CIVIL ENGINEERING SERVICES:

- Sanitary Sewer Systems
- Site Development, Layout & Design
- Storm Water Management
- Hydraulic Structures Design
- All Federal, State & Local permitting
- Street and Pavement Design
- Watershed Planning & Management
- FEMA Flood Plain Analysis & Flood Certificates
- Potable Water Distribution Systems

### ENVIRONMENTAL ENGINEERING SERVICES:

- Environmental and Cultural Site Assessment
- Federal and State Water Quality Section 404 & 401 permits
- Stream Remediation Studies and Designs
- SPCC Plans
- SWPPP / GPP
- Environmental Audits