



# The Patriot

The Society of American Military Engineers . Washington DC Post

December 2003

www.sameDCpost.org



## ENGAGE To Make A Difference

COL Michael J. Walsh, SAME Washington DC Post President

As years end, we traditionally remember the sacrifices of the military members and support contractors serving on point for the Nation around the globe. Despite our best hopes for peace on Earth, history shows that this has been a time of war. And this year, the US military will be spending these holidays standing watch on the frontiers of freedom along side our support contractors. We are truly grateful for their service.

Four of our DC Post members won national level SAME awards - Arthur Wu, Rose Dela Vega, Dave Thompson, and LT Miguel Dieguez. HOOOOAH! We walked far with our wing spread far.

Our watchword this year was "ENGAGE". We have 1400 members in the Washington DC Post - Award Winning Post. We thought different, we developed a faster pace and accomplished a great deal.

All this happened because of the zest and drive of the board and committee chairs and members. We trusted those who volunteered for these positions to get the job done every month and I for one was delighted with the outcome. They are a professional group of folks that I have had the privilege to work along side. I am very grateful to have engaged with them all year.

You, the members of the DC Post, should be very proud of those you elected, the officers, the board members and committees. Send them a note soon - thank them for their service and dedication.

I have enjoyed being your Post President this year. I have learned much at relationship building, developing deep coalitions beyond alliances that are multi-dimensional; the importance of mutual understanding and cooperation among engineers, and furthering my education in the latest engineering technology and management. But most of all, ENGAGING with you at our Post meetings - I learned much.

*"Oh, from the top of the towering wall, came the brick master hue and call - brick upon brick, lay them up quick; but lay them to the line boys, lay them to the line!"*

Irish bricklayer from Brooklyn

As I move to the ranks of a Past Post President, I look forward to the advances the Washington DC Post will take in 2004. We have a great team ready to take their positions next month. I am excited and can barely wait till you see where they take us !!! ■

The Nation is proud of all they have done to guarantee our safety and security in the homelands and on the icy mountains of Afghanistan, the sands of Africa and the Persian Gulf, defending our people from terror.

As you know, I start each of my two bits with a quote - Yogi once said, "Until you spread your wings you have no idea how far you can walk". We, the members of the Washington DC Post have had a great year. Our board of directors and committees worked hard to ensure that we have had great programs every month, contributed funds to young engineers and architects for college, and enhanced young members opportunities to interact with each other and us "mature" folk. We contributed funds for the funeral of a young soldier killed in battle. The golf event, even under inclement weather, was the most successful golf fundraiser in years.

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## Member Spotlight! LTC Chris Prescott

LTC Chris Prescott first joined SAME while stationed in Karlsruhe Germany during the mid 1980's as an active duty U.S. Engineer Captain. He currently serves as the Treasurer for the Washington DC Post.

In October 2001, LTC Prescott was activated as part of the Contingency Response Unit (CRU) that is assigned to Headquarters U.S. Army Corps of Engineers (USACE), Washington, DC. His first assignment with USACE was program manager for the overseas Real Estate Contingency Response Support Team (CREST). Chris is currently working in the USACE Operation Center supporting the Global War on Terrorism (GWOT) in Iraq and Afghanistan.

Before he was activated for the GWOT, Chris enjoyed working for the General Services Administration (GSA) National Capital Region (NCR) on the development and environmental restoration of the Southeast Federal Center (SEFC) located in SE Washington from 1995 - 2001.

He has also worked on numerous renovation projects for GSA throughout NCR from 1990 - 1994. During the late 1980's, Chris supported the design and construction effort for the National Security Agency located on Fort Meade, Maryland. From 1980 till 1986 he served in combat and combat heavy engineer units in Germany.

Chris received a Bachelors degree in Construction from the University of Florida and a Masters degree in Civil Engineering from the University of Maryland. Chris anticipates returning to civilian life with GSA NCR in April 2004 in the design and construction project management area.

*"SAME offers an excellent opportunity to interact with sister services and private A-E and construction firms. SAME is also an excellent venue to learn about cutting edge technology in the design and construction industry."*

LTC Chris Prescott ■

## Young Member Spotlight! Lauren Myers

Lauren Myers has been on the Board of Direction for the SAME DC Post since 1999, serving a wide variety of roles. Lauren served as the Arrangements Committee Chair and as the Publications Committee Chair from 2001-2002. From 2002-2003, Lauren was a DC Post Officer, and was the DC Post Secretary. She served on the SAME Fellows Dinner Committee 2002-2003, and continues her commitment for the 2004 dinner. Lauren was an integral member of the Middle Atlantic Region Conference 2002 planning team, in charge of exhibits as well as other general support services.

Lauren currently serves as the Streamers Committee Chair where she's helped pull together the Post's Streamer Awards submission for the past four years. The DC Post had a full sweep for 2002, winning every Streamer Award.

Lauren received the RVP medal in 2001, and has received several Awards of Appreciation for her involvement with the DC Post. She sat on the National Nominating Committee in January 2001 and the YM Streamer Award Committee in January 2002.

Lauren joined Little Diversified Architectural Consulting (Little) as the Business Development Manager for the firm's Washington, DC office in the summer of 2002. Lauren coordinates local business opportunities with clients, marketing staff, and project teams. Before joining Little, Lauren spent several years at RTKL Associates Inc, in Washington, DC, where she served as a marketing coordinator and later as a marketing representative, working closely with her mentor Rose Dela Vega. Her prior experience also includes one year in Gainesville, Florida, as a marketing coordinator for 3001, Inc.

Lauren earned her Master of mass communications with an emphasis in public relations from the University of Georgia in Athens. She also holds a Bachelor of Arts in English/creative writing and art history from Emory University in Atlanta, Georgia. She is currently President of the Society for Marketing Professional Services (SMPS), Washington, DC Chapter and is a member of several other industry associations. ■

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## Firm Spotlight!



Volkert & Associates, Inc., offers professional engineering, architectural, environmental, and construction/program management services through design and field offices in eight southeastern and mid-Atlantic states. Founded in 1925, Volkert is headquartered in Mobile, Alabama, with mid-Atlantic offices located in Alexandria, Virginia and Washington, DC. Additional offices are located in Chattanooga, Tennessee; Tampa, Pensacola and Gainesville, Florida; Foley and Birmingham, Alabama, and Summerfield, North Carolina.

Volkert is an employee-owned corporation with a corporate staff of more than 500 and a local metropolitan Washington, DC area staff of more than 40 professional and support personnel.

Volkert's civil/site capabilities cover permitting, grading, drainage, utilities, culvert/tunnel design, and more. Transportation work includes safety upgrades, parking design, access and circulation studies, road, bridge and traffic engineering as well as right-of-way acquisitions. Environmental capabilities cover environmental assessments, investigations and mitigation plans for asbestos, USTs, lead paint and other hazardous materials. Volkert's construction/program management services include dispute resolution, construction engineering inspection and constructability reviews.

### 2003 Engineering News Record Rankings

- 173 in Top 500 Design Firms
- 45 in the Top 50 in Transportation Firms
- 81 in the Top 100 in Construction/Program Management-for-Free Firms

For the Arlington National Cemetery Visitors Center, Volkert provided project management, civil and site engineering. Designed for the USACE Baltimore District, this project received the Excellence in Design Award by the Secretary of Defense, U.S. Department of Defense.

Serving the Architect of the Capitol continuously since 1999, Volkert has worked throughout the U.S. Capitol Complex. Representative projects include studies such as a campus-wide roadway improvement plan, several traffic impact/security assessments; and studies/designs to improve water, steam, and sewer systems. Much of the work involves utility database development and mapping, as well as underground tunnel studies and design. Volkert also served as the civil engineer for the AOC Capitol Visitors Center.

In addition to local DoD/federal work, Volkert supports the USACE Mobile District; U.S. Navy Homeport, Mobile; Air National Guard, Birmingham; and Hurlburt and Eglin Air Force Bases in Florida. ■



*Volkert managed the civil and site engineering for the design of the Arlington National Cemetery Visitors Center.*



*Volkert is performing civil engineering services to support the new Capitol Visitors Center.*



*Volkert conducts traffic studies for roadway & security improvements in the US Capitol Complex.*

# Seabees: Building Infrastructure & Hope in Iraq

Marsha Walden, DC Post Secretary and Contributing Author

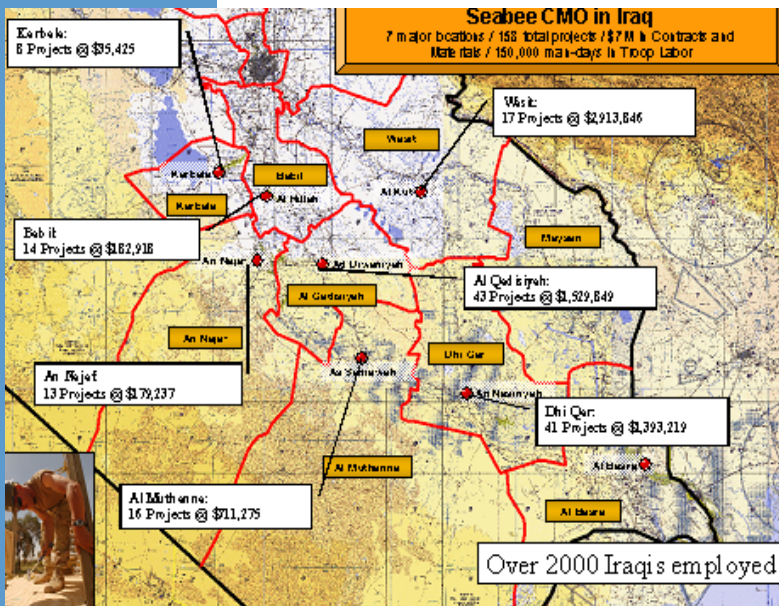


*Iraqi children give their Thumbs Up*

Rear Admiral Charles Kubic, Civil Engineer Corps, US Navy Commander, First Naval Construction Division, gave a presentation on the ongoing work of the US Navy Seabees in Operation Iraqi Freedom (OIF) at the 19 November 2003 Washington DC Post program, held at the Washington Navy Yard in Washington, DC.

This most informative and moving presentation gave our members not only the opportunity to understand the many activities the Seabees are charged with in that region of the world, but also to see up close images that resonate gratitude from the Iraqi people, especially children.

The map illustrated below shows the seven major locations where the Seabee CMO is taking place in Iraq. With a total of 158 projects, \$7 million in contracts and materials, 150,000 man-days in Troop Labor, and over 2,000 Iraqis employed, the Seabee mission is tremendous.



The contributions and continuing work of over three thousand Seabees that serve under the First Marine Expeditionary Force Engineer Group (MEG) in Kuwait and Iraq during OIF is outstanding.

## MEG Engineer Innovations

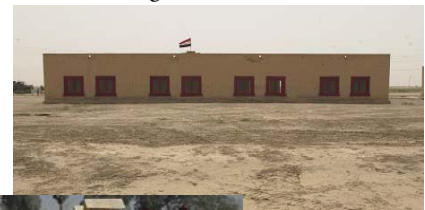
- Six (6) steel bridges and placement of 340 m of bridges
- Construction, maintenance and repair of over 800 km of major roadways and bypass routes
- Reduction of 15-ft high sand berms and 30-ft ditches
- Construction of 42-acre prisoner of war camp



*Baghdad New Highway Bridge S over Diyala River, April 2003*

## School Rehabilitation

- Seabees and Iraqis repaired 72 schools, valued at \$1,294,474
- Repaired and dedicated one MARDIV Legacy School per province
- Constructed 1,000 school desks
- Funded with seized funds, CERP funds and local commander funding



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## Seabees: Building Infrastructure & Hope in Iraq

### Bridges

- Replaced/repared 13 war damaged or neglected bridges
- Improved safety due to neglect or battle damage
- Re-established commerce and traffic routes across the Euphrates River, Tigris River, and Saddam Canal
- Constructed 232 meter (762 ft) pontoon bridge at Zybaydiyah; largest Seabee pontoon bridge constructed since WWII



*Ongoing construction of the bridge at Az Zubaydiyah Pontoon Bridge, 25 June 2003*



*Completed construction of the Az Zubaydiyah Pontoon Bridge*

### Other projects include:

- Court Houses (2)
- Post Offices (2)
- Former Iraqi Military Payment Center
- Ad Diwaniyah Assisted Living Home
- Ad Diwaniyah Rail Road Station
- Fire Stations (3)
- Police Stations & Jails (7)
- Ad Diwaniyah Banks (3)
- Hospitals/Medical Facilities (4)
- Water and Power Utilities (11)
- Government/Municipal Buildings (4)
- ASP Security Improvements (4)
- Babylon Museum



*Rear Admiral Kubic, members of the Seabee team, representatives and Iraqi children in front of a newly repaired school.*



*Rear Admiral Kubic assisting at a Ribbon Cutting ceremony*



*Seabees repairing a school while curious Iraqi children look on with delight.*

What made Rear Admiral Kubic's presentation so informative was the empirical data on infrastructure improvements. What made it so moving were the captivating images.

The contributions and sacrifices of the Seabees during OIF are extensive - touching the lives of many, who would not have otherwise had a bridge to cross, a school to attend, or a playground to call home. ■



# Industry News

## PENTAGON Project Receives LEED Certification



*Pentagon Metro Entrance Facility*

On 2 December 2003, the US Green Building Council (USGBC) Chairman of the Board, Mr. Jim Hertzfeld, presented an award to Mr. Michael Sullivan, Program Manager for the Pentagon Renovation Program for achieving Leadership in Energy and Environmental Design (LEED) Version 2.0 Certification for the Pentagon Metro Entrance Facility. This is the first Department of Defense Facility in the National Capital Region to receive LEED certification, and also the first federal facility in the Commonwealth of Virginia to receive LEED certification. Dr. Teresa Pohlman (SAME Washington DC Post Member and SAME Fellow) led the two-year effort with a team, consisting of Pentagon personnel, Arlington County, WMATA, Hensel Phelps Construction

Company, HDR Architects, Sebesta Blomberg Associates, Johnson Controls Incorporated, Southland Industries, and MC Dean Incorporated.

Located on a brownfield site in Arlington, VA the Metro Entrance Facility project was constructed adjacent to the Pentagon face to allow for screening of visitors prior to entering the Pentagon. The project also houses the Pentagon Tour office and badge office, and includes the Pentagon Metro Station and the Pentagon Bus Transfer Station. Over 25,000 people pass through this intermodal facility every day, on their way to the Pentagon or to points north and south of the Pentagon. The interior includes several indoor environmental quality features such as carbon dioxide monitoring, low-VOC-emitting materials, and thermal comfort monitoring systems.

In addition:

- Over 21% of wood products used are FSC certified
- Over 50% of the materials used in construction have recycled content
- At least 50% of construction waste was diverted from landfills
- An electric vehicle outlet was installed
- High-reflectance Energy Star roofing was installed
- Vegetation covers half the open space, restoring green space from formerly paved space
- HVAC design projects a 20% savings in energy consumption



The Pentagon features a sustainability program to educate Pentagon employees and visitors on the sustainable attributes of the Metro Entrance Facility, (and other Pentagon Reservation projects) in the form of interpretative signs and pamphlets. ■

## Stump Recognized As LEED Accredited Professional

Richard E. Stump, a project principal with Stanley Consultants, and a SAME Washington DC Post member, has successfully completed the LEED Accreditation Examination and was recognized as a LEED Accredited Professional TM.

The LEED Professional Accreditation exam tests an individual's understanding of green building practices and principals, and familiarity with LEED requirements, resources and processes. The accreditation program recognizes expertise in green building and LEED to help meet the growing demand from the public and private sectors for green buildings.

Stump has a Bachelors degree in Architectural studies from the University of Illinois and a Masters degree in Architecture from the Massachusetts Institute of Technology. Prior to joining Stanley Consultants in 2001, Stump's experience includes five years as an architect and combat engineering officer in the United States Air Force. He previously worked as a project manager and architectural designer for an architectural firm in the Pacific Northwest. ■



# Washington DC Post ANNUAL AWARDS CEREMONY



CORPORATE SPONSORS  
2003  
*Please contact Murphy Tuomey if you would like additional information on benefits and how to become a Corporate Sponsor.  
mtuomey@amtengineering.com*

Please join us for our next program, on **Thursday, 29 January 2004**.

Come join your fellow SAME Members for the Washington DC Post Annual Awards Luncheon.

Throughout 2003, SAME Washington DC Post member firms and individual members have contributed in countless ways to the A/E industry and to the growth of the Washington DC Post. Their accomplishments and contributions have not gone unnoticed. Join us in recognizing some of our finest during our Annual Awards Ceremony and Luncheon.

We will also thank our 2003 leadership team and welcome our 2004 Officers and Directors. Come meet a leadership team that is dedicated to continuing the momentum our DC Post has experienced in the last few years.

Enjoy appetizers and drinks during the Pre Event Social, followed by the Awards Program and Luncheon.

Please join us in celebrating the contributions of your fellow SAME members and colleagues.

## REGISTRATION FORM

**PLEASE MAKE YOUR RESERVATIONS BY 27 JANUARY (by 12 Noon)**

Cancel your reservation 48 hrs prior to the event without charge.

Date: **Thursday, 29 January 2004**

Location: Washington Navy Yard, Washington DC  
(Please visit our website [www.sameDCpost.org](http://www.sameDCpost.org) for directions to the event.)  
The Bldg. number will be announced a few days prior to the event.

Cost: \$15 Young Member / Military / Gov't  
\$35 Member  
\$45 Non-Member

Please indicate if you are interested in a vegetarian meal \_\_\_\_\_

Time: 1100-1130 Registration  
1130-1200 Pre Event Social  
1200-1330 Awards Ceremony and Luncheon

**PLEASE CALL OR FAX RESERVATION FORM TO:**

SAME Reservations Phone (703) 317-6275 or FAX (703) 960-9125. Bring check to event or mail to: SAME Washington DC Post PO Box 77896, Washington DC 20013

Name \_\_\_\_\_ Organization \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ E-Mail \_\_\_\_\_

Please circle: Young Member / Military / Gov't    Member    Non-Member

**Arrangements**  
Mary Moore

**Awards**  
Steve TerMaath

**Audits**  
Mike McDonald

**Communications**  
Anna Ross

**Education**  
Carol Mowder

**Fellows**  
Julian Sabbatini

**Fundraising**  
Murphy Tuomey

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Mike Crickenberger

**International Action**  
Teresa Pohlman

**Investments**  
Marilyn Bracken

**Membership**  
Dan Aide  
Sustaining  
Teresa Pohlman  
Individual

**Mentoring**  
Tim Sanford

**Programs**  
James Peck

**Readiness**  
Mike Pavlides

**Scholarship**  
Ron Hubbard

**Small Business**  
Open

**Streamer Awards**  
Lauren Myers

**Young Members**  
Tracy Knott

# SAME & DC Post News

## DC Post MENTOR Program

The Washington DC Post Mentoring Committee is working to establish a formal Mentor Program that will give both Mentors and Young Members the opportunity to network and expand their respective professional experiences. The DC Post Mentor Program will begin in January 2004.

The DC Post Mentor Program aims to:

- Establish Mentor / Young Member partnerships
- Facilitate Young Member Professional Development as they seek to enrich their career paths
- Provide Networking opportunities for both Mentors and Young Members
- Conduct informative Mentor programs

The invitation for Mentors will be extended to both Corporate and Government representatives who wish to empower Young Members. Additional information will be forthcoming in January 2004, and will include goals, Mentors, and benefits of the Washington DC Post MENTOR Program.

For additional information about the DC Post's MENTOR Program, and how to become involved as a Mentor or if you are a Young Member seeking to be paired with a Mentor to meet specific goals, please contact:

**Timothy Sanford**, Chair, Weston Solutions, 202-429-0427

**Tawania McFadden**, Young Members Vice Chair, URS Corporation, 301-670-5462 ■

*"Mentoring enriches the education of others, motivates thought, reveals new ways of orienting the mentor's own work and experience, and creates a wealth of tutorship and networking opportunities."*

## Readiness Committee

The Washington DC Post Readiness Committee is in the process of updating its Readiness Plan (Operation Fast Start) and reviewing its qualifications for a Readiness Streamer. The Readiness Committee has already earned 80 points and will participate in additional activities this month. Mike Pavlides, Chair of the Readiness Committee will soon address the Council of Governments (COG) at their meeting, to provide exposure on the SAME Washington DC Post's Readiness initiatives and the DC Post Readiness Plan. The Readiness Plan is intended to aid government agencies locate contractor POC information in the event of an emergency.

The committee is extending the invitation to all Washington DC Post Sustaining Member firms to participate in this Readiness Plan by taking a few minutes to fill out the Readiness Questionnaire. The DC Post Readiness Committee aims to achieve 100% commitment in this effort.

Please visit the Readiness Committee web page at [www.sameDCpost.org/Readiness.htm](http://www.sameDCpost.org/Readiness.htm) for a copy of the Capabilities Questionnaire. Please fill out the questionnaire and fax to Jill Harrison at 301-210-5159. Thank you for your participation. You make it happen! ■

## DC Post Members On-The-Move

**Marsha Walden**, SAME DC Post Secretary, will begin her new position as Marketing Manager at Vanderweil Engineers on 5 January 2004. Vanderweil Engineers, 625 North Washington Street Alexandria, VA 22314 703-683-9700 [mwalden@vanderweil.com](mailto:mwalden@vanderweil.com) ■

## DC Post Sustaining Member Firm Announcements

**Bowman Consulting**, a SAME Washington DC Post Sustaining Member Firm, and one of the Washington, DC area's leading civil engineering companies, announced the opening of its eighth regional office at 1395 Piccard Drive in Rockville, MD. This new Montgomery County office will focus on residential, commercial and public sectors, providing high-quality client service as an initiative in the Maryland and Washington, DC suburban land development market.

Bowman Consulting also announced that Robert A. Hickey joined the firm as General Counsel and Chief Financial Officer. In his role as General Counsel and CFO, Mr. Hickey will be responsible for the oversight of Bowman Consulting's financial and legal affairs, as well as oversight of Human Resources, Marketing and Information Technology operations. Mr. Hickey is a member of the Virginia State Bar. He received a BA with high distinction from the University of Virginia and a JD degree from the University of Virginia Law School. He is active in several local civic and community organizations, and currently serves as General Counsel of the Northern Virginia Community Foundation.







# Upcoming Events

**THURSDAY, 29 JANUARY**

**Washington DC Post  
Annual Awards Program**

1100-1130 Registration  
1130-1200 Pre Event Social  
1200-1330 Awards Program and luncheon  
Washington Navy Yard, Washington DC

**THURSDAY, 29 JANUARY**

**Young Members attend the *MAMMA MIA!* Musical**   
(this event is *sold out*)

<b>PRE SHOW SOCIAL</b>	Thursday, 29 January 2004
Old Ebbitt Grill	Metro: Metro Center
675 15th Street, NW	Time: 1830
Washington, DC 20005	Location: Old Ebbitt Grill back bar area
info@ebbitt.com	The SAME name will be with the Hostess desk
	Parking: Free Valet Parking after 1800



We look forward to seeing you at future events! ■

SAME Member

# Happy Holidays

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