



# North Winds

## VOICE OF THE ANCHORAGE POST

December 2009 Edition

### CALENDAR OF EVENTS

The Society of American Military Engineers  
(SAME) Meeting 17 December, 2009  
Anchorage Moose Lodge  
BOD Meeting 18 December 2009  
0630 @ Country Kitchen Restaurant

ALL NEWSLETTER ARTICLES ARE DUE TO THE EDITOR BY THE 10<sup>TH</sup> OF EACH MONTH

PLEASE NOTE WE ARE IN NEED OF SPONSORS FOR 2010.

This month's sponsor is:



#### Letter from the President:

"As we approach the holiday season, I would like to extend to all of our members a hearty happy holidays! The SAME board continues to work very hard to serve the needs of its members. One of our most significant events of the year is the upcoming 23 January 2010 Scholarship Banquet and Art Raffle. The registration forms are on our website and I encourage everyone to come out and support this fun event. In addition to having the chance to pick up some nice art work or some nice outdoor equipment, we will be awarding our scholarship recipients with their grants. We have a special speaker this year in LTC Marc Hoffmeister who led a team of wounded warriors up Denali (21,000 feet) this past June.

He was recently selected as one of National Geographic's Adventurers of the Year! Many thanks to John Magee for putting together our 2010 board which will also be sworn in. Finally, we are grateful to the many Sustaining Members who support this first class evening."

Tim

#### This Month's Speaker:

Colonel Jeffery A. (Jeff) Vinger, Commander, 673d Air Base Wing (Provisional), Joint Base Elmendorf-Richardson, Alaska. Colonel Vinger will present an update on the Joint Base Elmendorf-Richardson. Please see the complete bio for Colonel Vinger at the end of the newsletter.

#### BOARD OF DIRECTORS MEETING

#### PROCEEDINGS:

The following were present:

Mr. Tim Gallagher, Ms. Kathy Gardner, Ms. Kathy Jacobson, Mr. Dave Bennett, Mr. Craig Lance, Mr. Andy Larson, Mr. John Magee.

Mr. Tim Gallagher –President opened the meeting at 0645.

- Treasurer: Ms. Kathy Jacobson
  - \$12,000 moved from the Talley Fund to the Scholarship fund
  - \$1,000 designated for donation to the Moose Lodge.
- Newsletter: Mr. Andy Larson
  - No update
- Programs:
  - No update
- Publications:
  - No update

- Seminars:
  - No update
- Awards:
  - No update
- Scholarships:
  - Mr. John Magee will contact sustainers for scholarship support
- Membership:
  - Overview of membership status: discussed decline of individual and sustaining members
  - Mr. Craig Lance will make contact with Corps expiring members
  - Mr. Tim Gallagher designated board members to contact expired sustainers. Mr. Gallagher will check back with board members at the next meeting.
- Banquet:
  - Banquet is on track for January 23, 2010
  - Banquet is moving forward
    - Josh will check on the cost of meal increase
- Talley Fund:
  - See Treasurer update
- After Action:
  - No update
- Other:
  - Ms. Kathy Gardner requested \$1,000 for supplies to purchase polar fleece blankets for donation to churches/children
  - Goals:
    - No update
- Mr. Tim Gallagher, President, closed the BOD meeting at 0800.

#### CONTRIBUTING TO THE MISSION

The Anchorage Post distributes an average of \$22,000 annually for scholarship and donations through the efforts of our sustaining and individual members. These donations foster and support the education of our young engineers and scientists. The Anchorage Post would like to thank Weston Solutions for their generous donation in September to the Benjamin B. Talley Fund and to our annual scholarship award program. Weston's donation joins other sustaining members and individuals who have consistently supported this program. The Anchorage Post Board of Directors extends our most sincere appreciation and thanks to Weston Solutions and the SAME, Anchorage Post membership.

The annual banquet is fast approaching, and announcements and reservation fliers will soon be appearing in the *North Winds* newsletter, as well as in your email inbox. If you would like to join or continue in the scholarship donation effort, please contact either Kathy Gardner (gardnerk@alaska-pipeline.com) or Kathy Jacobson (kjacobson@akmaa.com).

#### Contingency Design and Construction In the AOR



*Constructed dozer.*

In a deployed location we started off by building our heavy equipment, our dozer is shown in the following picture. After we finished building the other earth moving equipment, we began the process of planning projects.

Joking aside, expeditionary design in the AOR takes on a whole new meaning in the design realm. There is often a one to two week turnaround for 100% designs depending on the timeline needed. Ordering materials for projects a couple days after receiving the design/build request was not uncommon.

In an ideal situation the breakdown of the design/build process was 1) receive request; 2) clarify design requirements; 3) design; 4) material acquisition; and 5) build/construct. As engineers, we all know that ideal situations are as frequent as winning lottery tickets. The following is a typical process seen in theater working on RED HORSE projects.



*Room/function to be replaced with new dental facility.*

First, customers would determine what their requirements were to support their current and future missions.

*Working with customers to define project requirements.*



The requests were channeled up the command prioritized for execution by RED HORSE. Once a project was received, the excitement began for the Design Cell.

*Site for new dental facility.*



With a fresh project in hand, clarifying the design with the customer was a critical portion of the entire process. A project engineer was sent to the

site with any needed technical experts to assess the project scope and review the project scope with the customer. The engineer would be responsible for differentiating needs from wants and determining the feasibility of the project for execution. In some cases, the requested projects did not meet the original mission requirements and the project

engineer would assist the end-user with redefining the request for resubmission.

*Engineer and EAs work together to resolve design issues.*



Next, the Project (Lead) Engineer divided the project into areas of functional expertise between the specific engineers. Depending on the customers' needs, the engineers were sometimes able to modify an existing design, allowing construction to begin almost immediately. In the case of more complex projects, it could take as long as three months to make sure the customer is satisfied with design specifications before work begins. Civil, mechanical, and electrical engineers worked on each project simultaneously with engineering assistants and the Project Engineer consolidated component designs into a single design for review and eventual construction. The materials lists were developed along with the designs to expedite the ordering process and ensure design was accurate.

Finally, construction commenced with the arrival of equipment, materials and personnel. Equipment and personnel are continuously shifted/shipped to where they are most needed. Heavy equipment operators and engineering assistants usually start projects but move to other sites as needs arose. Other professions moved more often for systems and structures but an engineer was at each site to oversee the construction of all projects on the site they were assigned. These site managers would address local issues as needed or contact the project engineer for specific questions.



*Electrician, EAs, and Heavy Operators work together to install conduit lines prior to concrete delivery for building foundation.*

In summary, projects started with a need and ended with the construction. The versatility of the RED HORSE group was demonstrated by military working together to design and construction medical facilities, airfields, storage facilities, chapel, command centers, training facilities and others totaling 149 projects within six short months. This emphasized the “expeditionary” portion of engineering at its finest.



*All CE career fields working together to complete a short suspense project.*

### **Anchorage Post Supporting UAA Engineering’s Senior Design Course**

Our Post will be supporting the University of Alaska, Anchorage, Engineering Department’s Senior Design Course again this spring as we have for the past five years. The Senior Design Course is the capstone senior design class. This goal of this course is to learn how to work as a member of a design team on an engineered project culminating in preparation of construction plans, specifications, and contractual requirements.

Orson Smith, PhD, will be the instructor this year. He is currently deciding what project the class will be working on this spring.

The individual students in this class are formed into design teams that all compete with each other to prepare the best design, specifications, and cost estimate for the selected project. As they have for the past five years, UAA is looking for experienced engineers to help mentor the teams as they work their way through this “real world” design. In prior years lecture topics include: Design Codes and Permitting – Working with Regulators,

Environmental Considerations in Civil Design, Project Management, Legal Considerations in Civil Design, Ethics in Engineering, Professional Registration and Career Planning (panel discussion), and Presenting to the Public.

There are 28 students currently signed up for the course. You can help by becoming a mentor to one of the working groups that Orson will establish, or by presenting one of the lecture topics above. Classes are scheduled for Fridays beginning at 9:00 AM. The first presentation will be on 22 January 2010. Orson is looking for 30 to 45 minute presentations followed by 15 to 30 minutes for questions. The dates for all topics are currently open so if you request a topic and a date early UAA should be able to comply with your request.

All previous Post participants have found helping the teams to be a worthwhile and rewarding experience. This is an opportunity for you to work closely with the engineers who will graduate this spring. Please begin thinking of how you individually, or your firm can help support this effort to help the next generation of engineers. Please contact the Post’s POC for this class at:

[Skip.Koch@westonsolutions.com](mailto:Skip.Koch@westonsolutions.com).

### **CPM Schedule Training**

The Anchorage Post is sponsoring Critical Path Method (CPM) Construction Schedule Training on **February 19, 2010** at the Captain Cook Hotel. Cost for this training course is \$125 for non-military and \$50 for military personnel. The goal is to demystify CPM scheduling. After this course you will have a higher proficiency reviewing schedules; will be able to use schedules as a management tool and increase project success; and reduce or eliminate delay claims. This course is currently being taught to the US Army Corps of Engineers, Alaska District. **The schedule and registration forms are attached to this newsletter.**

**Students—Need a little extra \$money\$ to help you through the year?**

SAME Anchorage Post offers approximately \$12K in scholarships annually. The awards are made in January at the annual banquet.

Several awards are made from \$1K up to \$3K.

**Applications are due 15 Dec 2009.** It's **easy** here are the criteria:

Requirements for Application:

- Resident of Alaska, attending college in Alaska, or an active duty or dependent of an active duty military member stationed in Alaska.
- Member of Anchorage SAME Post (**SAME membership for students is free** at [www.same.org/membership](http://www.same.org/membership) or <https://www.same.org/i4a/forms/form.cfm?id=72> or the post website [www.sameanchorage.org/h\\_about/meminfo.html](http://www.sameanchorage.org/h_about/meminfo.html)).
- Sophomore, junior, or senior student of engineering, architecture, construction or project management, natural, physical, or applied science, or mathematics at an accredited college or university.
- Citizen of the United States of America.
- G.P.A. of 2.5 or greater.
- If you are on a full (tuition, room and board, books) scholarship to the college/university you are attending, you are not eligible for this scholarship.
- **Submit application with signature on or before 15 December 2009.**
- Additionally, we intend to offer one scholarship to a Masters student enrolled in a degree program listed above.

Requests for exemption to these eligibility requirements must be submitted in writing to the scholarship committee and mailed along with your application to the address below.

To be considered for a scholarship, you must complete the online application

[www.sameanchorage.org](http://www.sameanchorage.org) look for the Talley Scholarship link and send it to:

SAME LTC (R) Chris Turletes  
Anchorage Post

or:

3010 Admiralty Bay Drive  
P.O. Box 149  
Anchorage, Alaska 99515  
Elmendorf AFB, Alaska 995  
Phone: (907) 244-8063

Email: [cturletes@gci.net](mailto:cturletes@gci.net)

Good Luck! The return on your investment could be substantial.

**Newsletter Sponsorship**

**Sponsorship opportunities are available for the 2010 North Winds monthly newsletter. All sponsors will have their name and logo on the front page of the Newsletter and up to a two page flyer attached to the North Winds. For 2010, we will continue our practice of allowing sponsors five minutes at the monthly luncheon to pitch their firm.**

**The North Winds Newsletter welcomes articles of interest and photos for the Newsletter. Please submit articles and photos with captions concerning SAME activities to the editor by the 10<sup>th</sup> of each month.**

**Officers**

|                                |                      |
|--------------------------------|----------------------|
| President                      | COL(R) Tim Gallagher |
| 1 <sup>st</sup> Vice President | Ms. Vivian Tokar     |
| 2 <sup>nd</sup> Vice President | Lt Col Dean Hartman  |
| 3 <sup>rd</sup> Vice President | MAJ Thomas Fenoseff  |
| Jr. Vice President             | Ms. Nicole Knox      |
| Secretary                      | Ms. Jaci Mellot      |
| Treasurer                      | Ms. Kathy Jacobson   |

A contact list is attached.

**Board of Directors**

|                              |                      |
|------------------------------|----------------------|
| Military Unit Rep (USACE)    | COL Kevin J. Wilson  |
| Alternate Military Unit Rep  | MAJ Bryan Erickson   |
| Military Unit Rep            | Lt Col Ron Pier      |
| Seat A (Camps, Scholarships) | Mr. Pat Coullahan    |
| Seat A                       | Mr. Ted Trueblood    |
| Seat A                       | Mr. John K. Magee    |
| Seat A (Golf Tournaments)    | Mr. Everett Mabry    |
| Seat A                       | Mr. Chris Turletes   |
| Seat B                       | Ms. Kathleen Gardner |
| Seat B                       | Mr. Craig Lance      |
| Seat B                       | Ms. Trish Opheen     |
| Seat B                       | Mr. Jamie Spell      |
| Seat B                       | Mr. Tom York         |
| Seat C (Publicity)           | Mr. Andy Larson      |
| Seat C (Awards)              | Mr. Skip Koch        |
| Seat C                       | Mr. Steve Schwicht   |
| Seat C                       | Mr. Bill Kontess     |
| Seat C (Scholarships)        | Mr. Bruce Steely     |
| Membership                   | Maj Erik Sell        |
| Newsletter                   | Ms. Carla Spires     |
| Webmaster                    | Mr. Tad Dean         |

All members should check the web page to verify your email address is correct at:

[www.same.org/custom/postrosters](http://www.same.org/custom/postrosters)

**Sustaining Members**

- AERO-METRIC, Inc.
- AMEC Earth & Environmental
- Anchorage Municipal Light & Power
- ASCG, Inc.
- BEM Systems Inc.
- Brice Incorporated
- Bristol Design Build Services
- Bristol Environmental & Engineering Services Corporation
- CH2M HILL
- Clarus Technologies LLC
- Cornerstone General Contractors
- Davis Constructors & Engineers Inc.
- Dihthaad Global Services LLC
- Dowl Engineers and Alaska Test Lab
- EA Engineering Science and Technology
- Earth Tech, Inc
- Ecology and Environment, Inc.
- EHS Alaska Inc.
- ENSR International
- Enterprise Engineering, Inc.
- GeoEngineers, Inc.
- Hart Crowser Inc.
- HDR Alaska, Inc.
- HNTB
- JACOBS
- KBR
- Kiewit Building Group
- Kiewit Federal Group
- Koonce Pfeffer Bettis Inc.
- Land Design North
- MACTEC Engineering & Consulting
- Marsh Creek Government Service LLC
- MBA Consulting Engineers
- Meridian Management Inc.
- Michael Baker Corporation
- Michael L. Foster & Associates
- MWH
- NANA Pacific LLC
- Neeser Construction, Inc.
- North Wind, Inc.
- Pacific Rim Logistics Inc.
- Parsons Brinckerhoff
- PDC Engineers
- PND Engineers
- R & M Consultants
- Reid Middleton, Inc.
- RIM Architects
- RISE Alaska, LLC
- RSA Engineering, Inc
- Satori Group, Inc.
- SGS Environmental Services, Inc.
- Shannon & Wilson, Inc.
- The Shaw Group, Inc.
- Tatitlek Management Inc...
- Tryck Nyman Hayes, Inc.
- URS Corporation
- USKH, Inc.
- Watterson Construction Company
- WESTON Solutions, Inc.

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Your North Winds Newsletter is published by:



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*Anchorage, AK 99501*

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**S.A.M.E.**

**P.O. Box 6149**

**Elmendorf AFB, AK 99506-6149**

**Post website:**

<http://www.sameanchorage.org>



# BIOGRAPHY

UNITED STATES AIR FORCE

## Colonel Jeffery A. (Jeff) Vinger

Colonel Vinger is the Commander, 673d Air Base Wing (Provisional), Joint Base Elmendorf-Richardson, Alaska. In this capacity, he leads the Joint Base Elmendorf-Richardson Enterprise Team chartered to develop the organizational structure and gain approval for 2005 Base Realignment and Closure Commission-directed joint base that will support over 7,000 Airmen and 7,000 Soldiers and their families stationed at Fort Richardson and Elmendorf Air Force Base, Alaska. After the organization achieves operational status, Colonel Vinger assumes duties as Commander for the 673d Air Base Wing with over 5,600 Airmen, Soldiers and Civilians responsible for supporting over 35,000 Airmen, Soldiers and family members.



Colonel Vinger was born 30 December 1962 in Albany, Georgia. He graduated high school in 1981 in Mountain Grove, Missouri. He is a registered professional engineer. Colonel Vinger commanded the 332d Expeditionary Squadron at Ahmed Al Jaber Air Base, Kuwait, the 509th Civil Engineer Squadron at Whiteman Air Force Base, Missouri, and the 732d Expeditionary Civil Engineer Squadron at Balad Air Base, Iraq. He has served in a wide range of engineering positions at base, Numbered Air Force, major command and Air Staff levels.

Colonel Vinger is married to the former Rhonda L. Powell of St. Louis, Mo., and they have one child, Nicholas (10 y/o).

### EDUCATION

- 1985 Bachelor of Science Degree in Civil Engineering, University of Missouri, Columbia, MO
- 1991 Squadron Officer School, Maxwell Air Force Base, AL
- 1993 Master of Science Degree in Civil/Environmental Engineering, University of Pennsylvania, State College, PA
- 2000 Air Command and Staff College, Maxwell Air Force Base, AL
- 2000 Master of Military Operational Art and Science, Air University, Maxwell AFB, AL
- 2006 Air War College, Maxwell Air Force Base, AL
- 2008 Master of Strategic Studies, Air University, Maxwell Air Force Base, AL

(Current as of July 2009)



## **ASSIGNMENTS**

1. January 1986–June 1989, Civil Engineer, Chief of Industrial Engineering and Chief of Readiness, 42d Civil Engineer Squadron, Loring Air Force Base, ME
2. June 1989–May 1992, 17 AF and 3 AF Program Manager, Directorate of Civil Engineering, Headquarters United States Air Force Europe, Ramstein Air Base, Germany
3. June 1992–December 1993, Student University of Pennsylvania
4. January 1994–June 1996, Facilities Program Manager and Chief of Heavy Repair, Headquarters, United States Air Force Academy, CO
5. June 1996–July 1999, Program Manager Housing and Utilities Privatization, Headquarters United States Air Force, Pentagon, Washington DC
6. July 1999–June 2000, Student, Air Command and Staff College, Maxwell Air Force Base, AL
7. July 2000–August 2001, Commander, 332d Expeditionary Civil Engineer Squadron, Ahmed Al Jaber Air Base, Kuwait
8. August 2001–May 2003, Chief, Housing Division, Headquarters Air Force Space Command, Peterson Air Force Base, CO
9. June 2003–April 2004, Commander, 509th Civil Engineer Squadron, Whiteman Air Force Base, MO
10. April 2004–November 2004, Commander, 732d Expeditionary Civil Engineer Squadron, Balad Air Base, Iraq
11. November 2004–July 2005, Commander, 509th Civil Engineer Squadron, Whiteman Air Force Base, MO
12. July 2005–June 2007, Deputy Director, Expeditionary Combat Support (ECS) Division, Headquarters Air Combat Command, Langley Air Force Base, VA
13. July 2007–June 2008, Student Air University, Air War College, Maxwell AFB, AL
14. June 2008–January 2009, Deputy Commander, 611th Air Support Group, Elmendorf AFB, AK
15. January 2009–Present, Commander, 673d Air Base Wing (Provisional), Joint Base Elmendorf-Richardson, AK

## **MAJOR AWARDS AND DECORATIONS**

Bronze Star

Meritorious Service Medal with six oak leaf clusters

Air Force Commendation Medal

Army Commendation Medal

Society of American Military Engineers National Technology Advancement Medal

## **EFFECTIVE DATES OF PROMOTION**

Second Lieutenant 15 Dec 1985

First Lieutenant 2 Jan 1988

Captain 2 Jan 1990

Major 1 Oct 1998

Lieutenant Colonel 1 Apr 2002

Colonel 1 Oct 2007

**23 January**

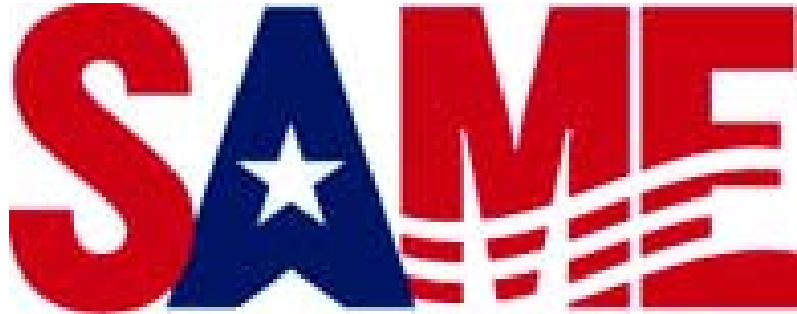
*Don't Miss The Anchorage SAME Post's*

# 2010 Banquet

## Evening Highlights

- Social hour
- Live Music
- Displays from sustaining members
- Catered Dinner
- Alaska Fine Art Raffle benefiting the Benjamin Talley Scholarship Fund

## The Society of



## American Military Engineers

### Formal Recognitions

- *Recipients of Benjamin Talley Fund scholarships*
- *2009 Anchorage Post Award Nominees*



*Keynote speaker for the Evening:*

*LTC Marc Hoffmeister*

*Operation Denali Team Leader*

*AW2 Wounded Warrior Alumni*



**Reserve seats by table or individual by January 9th**

### *Details:*

*23 January 2010  
Egan Center, Anchorage Alaska  
6pm Social Hour  
7pm Dinner and Program*

**Reservation Forms Available Online at  
[www.SAMEanchorage.org](http://www.SAMEanchorage.org)**



# 2010 ANNUAL BANQUET RESERVATION FORM

**Date**..... Saturday, 23 January 2010  
**Place** ..... Egan Center  
**Time** ..... Cocktails at 6:00 pm, Dinner at 7:00 pm  
**Guest Speaker** ..... LTC Marc Hoffmeister  
**Dinner** ..... Choice of Roasted Chicken, Potato Wrapped Alaskan Halibut, or Vegetarian  
**Dress** ..... Suit/Service Dress/Army Class A's  
**RSVP** ..... No later than Friday, 8 January 2010  
**Reservations** ..... Send to Kathy Jacobson. Details below.  
**Cost** ..... \$55 per person (\$45 for military)

| Name of Attendee | Indicate Entrée Choice           |                                  |                                     |
|------------------|----------------------------------|----------------------------------|-------------------------------------|
| 1.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 2.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 3.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 4.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 5.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 6.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 7.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |
| 8.               | <input type="checkbox"/> Chicken | <input type="checkbox"/> Halibut | <input type="checkbox"/> Vegetarian |

**Reservation Due Date & Payment - Completed forms must be received by 8 January 2010.**  
*(Received reservations are a commitment for payment regardless of attendance at the function.)*

Send completed reservations to Kathy Jacobson: at Fax 907.561.2052 or  
 E-mail digital copy to: KJacobson@akmaa.com

If replying by mail, send completed form and a check made payable to **SAME Anchorage Post to:**

**ATTN: SAME Annual Banquet**  
**Ms. Kathy Jacobson**  
**4290 Lakeridge Circle**  
**Anchorage, AK 99502**

**1) Individual Reservations:**

Number of meals: \_\_\_\_\_ x \$55 = \$ \_\_\_\_\_  
 Number of military meals: \_\_\_\_\_ x \$45 = \$ \_\_\_\_\_

**Total Due for Meals = \$ \_\_\_\_\_**

**OR**

**2) Company Reservation, Table for Eight (\$440 regular rate, \$320 military)**

Number of tables: \_\_\_\_\_ x \$440 = \$ \_\_\_\_\_  
 Number of military tables: \_\_\_\_\_ x \$360 = \$ \_\_\_\_\_

**Total Due for Tables = \$ \_\_\_\_\_**

**3) Sponsored Meals: If you would like to sponsor dinner for one or more junior officers or scholarship recipients**

Scholarship Recipient meals: \_\_\_\_\_ x \$55 = \$ \_\_\_\_\_  
 Junior Officer meals: \_\_\_\_\_ x \$45 = \$ \_\_\_\_\_

**Total Due for Sponsored Meals = \$ \_\_\_\_\_**

**4) Scholarship Fund (Raffle Item) Donations—Circle Amount:      \$100 / \$150 / \$200**

*For questions or to commit donations contact Kathy Gardner, Alyeska Pipeline, [Gardnerk@alyseska-pipeline.com](mailto:Gardnerk@alyseska-pipeline.com), 907.787.8931. All donations should be mailed to Kathy Jacobson at the address above.*

**TOTAL AMOUNT ENCLOSED—Lines 1or 2, 3 (if applicable), & 4 (if applicable) = \$ \_\_\_\_\_**

Company Name \_\_\_\_\_

*If your company would like to use a free display space during cocktail hour please check here \_\_\_\_\_*



# The Society of American Military Engineers Anchorage Post

## Construction Scheduling Seminar

# Reviewing and Analyzing CPM Construction Schedules

**Date:** 19 February 2010  
**Time:** 8:30 AM – 4:30 PM  
**Location:** Captain Cook Hotel  
**Cost:** \$150 non-military; \$50 military (Includes lunch and coffee/soda service)

The Society of American Military Engineers (SAME), Anchorage Post is sponsoring a construction scheduling seminar designed for consulting, construction and legal professionals involved with the delivery and management of construction projects and the resolution of time impacts due to contract modifications. Specifically, this seminar will discuss schedule fundamentals, reviewing and analyzing baseline and progress schedules and performing time impact analyses. This seminar is based on the schedule training provided to the US Army Corps of Engineers (USACE) Alaska District. See *Seminar Profile* below for more information.

SAME is a nonprofit association, headquartered in Alexandria, Virginia, with chapters (called Posts) worldwide. Founded in 1920 to engage military and federal government engineers and scientists with those in private life for the purpose of improving the engineering and technological potential of the United States, today SAME has some 25,000 members from private industry, the military, government, and academia. For more information about SAME or this seminar, please contact Craig Lance at 907.753.2729.

**SEMINAR PROFILE:** The goal of this training seminar is to demystify critical path method (CPM) construction scheduling. Live demonstrations using Primavera P3 and P6 will be provided in all sessions.

### **Session 1: CPM Scheduling Principles**

This session reviews key scheduling terms with an overview of CPM methodology. CPM calculations are demonstrated including total float and critical path calculations.

### **Session 2: Initial Project Schedule (Baseline) Review and Analysis**

The importance of the baseline schedule is explained and essential elements discussed. A checklist is provided to help in the preparation and review of baseline schedules.

### **Session 3: Pay Estimate (Progress) Schedule Review and Analysis**

The updated schedule used as management tool and for progress payments is discussed. Maintaining schedule integrity and processes for reviewing progress schedules are provided.

### **Session 4: Time Impact Analysis**

The importance of a time impact analysis with contract modifications is discussed. A step-by-step process for performing a time impact analysis is demonstrated.

## **GUEST SPEAKERS:**

**Debby Curnow** has worked for the Alaska District over the past 5 years as a Construction Schedule Analyst, and is currently USACE prospect course instructor for "Construction Scheduling Performance Management". Her construction career began in Prudhoe Bay in 1981 and for the next 23 years she worked for general contractors on large, mostly remote, construction projects around Alaska. For the past 15 years, her primary focus has been project controls management with extensive CPM schedule development and analysis.

**Craig Lance**, CCM, has BS in Civil Engineering from Utah State University (1982) and is a Certified Construction Manager. His career began in the US Air Force where he spent 9 years in the engineering career field. After leaving the Air Force, he worked for several engineering and construction firms over the next 15 years providing project and construction management services. In 2007, he started working for USACE as a claims analyst.

**SAME, Anchorage Post Presents**  
**Reviewing and Analyzing CPM Construction Schedules**  
**Registration Form**

|                             |   |
|-----------------------------|---|
| <b>Date:</b>                | February 19, 2010   |
| <b>Place:</b>               | Captain Cook Hotel  |
| <b>Time:</b>                | 8:30 am to 4:30 pm  |
| <b>Coffee/Soda Service:</b> | Coffee/Tea morning sessions<br>Coffee/Tea/Sodas afternoon sessions      |
| <b>Lunch:</b>               | Deli Buffet   |
| <b>RSVP:</b>                | <b>No later than February 15, 2010</b>                                  |
| <b>Reservation:</b>         | Send to Kathy Jacobson<br>Fax (907.751.2052) or email (jacobson@ak.net) |
| <b>Cost:</b>                | \$150 per person  |

**Guest Speakers:** Debby Curnow, US Army Corps Engineers  
Northern Area Alaska Scheduler  
  
Craig Lance, US Army Corps of Engineers  
Alaska District Claims Analyst

**Morning Sessions:** Session 1: CPM Scheduling Principles  
Session 2: Initial Project Schedule (Baseline) Review and Analysis

**Afternoon Sessions:** Session 3: Pay Estimate (Progress) Schedule Review and Analysis  
Session 4: Time Impact Analysis

| Name | Company | Phone Number |
|------|---------|--------------|
|      |         |              |
|      |         |              |
|      |         |              |
|      |         |              |
|      |         |              |

(Make copies of registration form for additional attendees)

**Total Attendance** \_\_\_\_\_ x \$150 = \$ \_\_\_\_\_  
**Military** \_\_\_\_\_ x \$50 = \$ \_\_\_\_\_

**Registration due date and payment—completed forms must be received by 15 February 2010.** Fax or email registration form to Kathy Jacobson (receipt of registration forms are a commitment for payment regardless of attendance at the training seminar):

Email: jacobson@ak.net                      Fax: 907.561.2052  
Mail to: 4290 Lakeridge Circle, Anchorage, AK 99502

Payment is due on day of training. Military credit cards are acceptable. All others must pay by check or make prior arrangements with Craig Lance at 907.753.2729. Make checks out to SAME, Anchorage Post. Receipts in excess of expenses, if any, will be donated to the SAME Talley Scholarship Foundation.

For more information contact Craig Lance at 907.753.2729.