



North Winds

VOICE OF THE ANCHORAGE POST

October 2009 Edition

CALENDAR OF EVENTS

The Society of American Military Engineers
(SAME) Meeting 22 October, 2009
Anchorage Moose Lodge
BOD Meeting 23 October 2009
0630 @ Country Kitchen Restaurant

ALL NEWSLETTER ARTICLES ARE DUE TO THE EDITOR BY THE 10TH OF EACH MONTH

This month's sponsor is:



This Month's Speaker:

President's Column

Should you like to comment, please pass on your thoughts to our secretary, Jaci Mellot, at jaci.mellot@hdrinc.com

Thanks for all you do for our post.
Tim Gallagher
Post President

PROCEEDINGS:

The following were present:

Mr. Tim Gallagher, Mr. Tom Fenoseff, Ms. Kathy Jacobson, Mr. Skip Koch, Mr. Tim Gould, Mr. Craig

Lance, Mr. Andy Larson, Mr. John K. Magee, Mr. Dave Bennett, Mr. Ted Trueblood, Ms. Vivian Tokar, Mr. Tom York, Ms. Christina Anderson

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

- Treasurer: Ms. Kathy Jacobson
 - There was a motion to move \$5,000 from budget to Talley Fund. BOD approved.
 - \$3,000 Weston donation
 - Two \$500 scholarships
 - \$2,000 Talley Fund Principal
- Newsletter: Mr. Andy Larson
 - Newsletter deadlines need to be met each month
- Programs:
 - October—AE Club, campers
 - November—Small Business
 - December—JBER—Mr. Bruce Steely
- Publications:
 - No update
- Seminars:
 - One day, Captain Cook “Scheduling” topic, February 19, 2010
 - \$125 to break even; \$50 for military motioned and approved
- Membership:
 - Check with Jaci to verify growth
 - Major Sell to energize
- Banquet:
 - Research contract for the banquet. Mr. Alan Quesnel,

Captain Mercer, and Lt. Josh York

- Talley Fund:
 - The current balance of the Talley Fund is \$167,000
 - Table: Scholarship contribution has not kept proportional growth with the fund.
- Streamers:
 - On Track
 - Readiness Streamer has no Lead. Mr. Tom Fenoseff to call Mr. Alan Quesnel to call ALCOM to see if they can support.
 - Vivian to call 3 CES Captain Anderson for action
- After Action:
 - No update
- Awards:
 - Requested fellow nominations
- Scholarships:
 - No update
- Other:
 - No update
- Goals:
 - No update
- Mr. Tim Gallagher, President, closed the BOD meeting at 0745.

CPM Schedule Training

The Anchorage Post is sponsoring Critical Path Method (CPM) Construction Schedule Training on February 19 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.

Engineer of the Year Nominations

The Anchorage Post is accepting nominations from our general and sustaining membership to be the Anchorage SAME Post's representative to the Anchorage Engineer of the Year honorarium for 2009. To be nominated a candidate should have made recent contributions to the Anchorage SAME Post, have a history of contribution to SAME National, and the local engineering community. Additionally our candidate should be able to demonstrate community involvement. Serving the nation as an engineer is a plus. Please sent nominee names to Skip at skip.koch@westonsolutions.com or call Skip at (907) 276-6610. **Nominations are due not later than 19 October 2009.**

SAME Awards

It is important for us to recognize outstanding performance. This is true at work, in society, and in volunteer organizations. The SAME has 18 national awards and eight service awards to enable us to better recognize our fellow post members for their contributions to the post, the architect-engineering-construction –consulting professions, and society. The Post selects and recognizes individuals for their outstanding performances at the January Awards Banquet. A list of all the awards and the criteria for each award can be found at <http://www.same.org/i4a/pages/index.cfm?pageID=3706>. Please submit nominations for these awards to Skip Koch at skip.koch@westonsolutions.com by 2 November 2009.

Solar Walls Saves Air Force Money

By Airman 1st Class Christopher Gross

ELMENDORF AIR FORCE BASE, Alaska – In November 2008, Alaska and the Pacific Air Forces installed their first solar walls on Elmendorf Air Force Base. They have saved the base \$15,000 in energy bills so far.

Francis Sheridan, the Elmendorf Air Force Base Resource Efficiency Manager, was responsible for brainstorming the idea to install the solar walls on the south wall of the 3rd Logistics Readiness Squadron building as a way to save the Air Force money.

"It is a solar heating system," said Mr. Sheridan, explaining how the solar wall works. "It's a preheat for our outside air. It's a perforated piece of sheet metal that hangs outside in ideal situations."

He said once the air is ventilated inside the building, it is already 10 degrees or more warmer than the outside temperature. This means less energy is being used to heat the air, which saves money.

Even though the solar wall is an efficient money saver, it is not all that new. The solar wall was developed after much research and several prototypes done by John Hollick, president of the Conserval Engineering Inc., located in Toronto.

"It actually works better on cold winter days when there's snow on the ground," Mr. Hollick said. "The snow will reflect up to 50 percent more sunlight. It is ideally suited for Northern latitudes."

"More than 1,000 of these systems are out there. We have them in about 30 countries and most took place in the last six years," Mr. Hollick said.

Mr. Hollick said the solar wall wasn't initially a big hit when it was first invented because fuel cost was still reasonably low. However, since the high rise in fuel costs during the past decade, ways to conserve energy in some areas has become a top priority.

"The people who put them in seem to really like them. I think it's the fact there's no maintenance with it," Mr. Hollick said. "It does provide a lot of energy. On a sunny day it should heat the air between 30 to 40 degrees."

As far as for its durability, Mr. Hollick said, "The solar panel itself should last as long as the building because it has no moving parts. It's all metal construction."

So far, about 10 of the solar wall structures have been installed at eight Air Force bases in the past six years and future plans for more are under way.



A solar wall collects rays at Elmendorf Air Force Base, Alaska. Two of these walls hang on the outside of the 3rd Logistics Readiness Squadron, and have saved base officials \$15,000 in energy costs since November 2008 when they were built. (U.S. Air Force photo/Airman 1st Class Christopher Gross)

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 or <https://www.same.org/i4a/forms/form.cfm?id=72> or the post website 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 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

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

Be sure and check out the After Action Review: SAME Engineering and Construction Camp 2009 — Anchorage Post Camper Report—in this month's SAME Newsletter.

The UAA AE club gains valuable life experiences through applied learning.

By Irene Turletes



UAA's Architecture and Engineering club will be part of the program at this month's lunch meeting. The Student club is engaged all year in the Anchorage community fund raising and planning for their signature event which is two weeks at the end of the spring semester working for Habitat of Humanity in devastated communities somewhere in the nation. Bob Maxwell the Faculty Mentor of the club will talk about the clubs activities, p with Habitat, travels and challenges. Bob will be joined by available AE club students to talk about their experiences.

The AE Club is a UAA student club focusing on "hands on" experience while assisting Habitat for Humanity in their mission to eliminate substandard housing. The AE Club is open to UAA students of all majors that are interested in doing service work, but is mainly architecture and engineering students. During the school year, the AE Club focuses its efforts on fund-raising for a two-week work trip between the spring and summer semesters. In the past the club has traveled and worked in Galveston, Houston, Miami, New Orleans, Port Sulfur, and Charleston. While on these trips, club members work with future Habitat homeowners and other volunteers in the building of homes and lives. The AE Club provides students with a place to grow as leaders, work in teams, and help our communities. All of the AE Club's fund raising events for this school year can be found on their website, www.aeclubuuaa.com.

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 10th of each month.

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