Dear AAI retiree,

This is our second quarterly newsletter for 2013, sent to only members of the Retirees Association. Thanks to all of you who have already submitted your 2013 dues. For those of you who haven’t gotten around to that yet, a renewal form is provided on page 6 of this newsletter. And be sure to invite your AAI friends to join too. Any current or former AAI employee over 55 years old, and with at least 5 years of service, is welcome.

Sincerely,
The officers of the Retirees Association of AAI Corporation

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**Upcoming Events**

**Dinner Theater**

Act immediately to meet the March 25 RSVP deadline for the April 14, 2013 performance of the Sound of Music at Oregon Ridge Dinner Theater. This is a great show to invite your grandchildren, friends and neighbors. All are welcome, members of AAI Retires Association or not. Let’s show the folks at Oregon Ridge Dinner Theatre that we can fill the place. Doors open at noon, the buffet opens at 12:30; and the show starts at 2:00. The food is always delicious and the desserts are scrumptious. As a group, tickets will be $37 per person for members, $39 for non-members, and $22 for children under 12. This includes gratuity and is less than the box office rate of $40 plus gratuity. The RSVP form is provided on the last page of this newsletter. Please contact Bob Jones (410-771-4681, bobjones@MRIS.com) with any questions.

**Golf Outings**

The Association sponsors two outings per year. The 2013 events are May 13th at Pleasant Valley, Stewartstown PA, and Sept 9th at Briarwood Golf Course, York PA. Each day includes golf, lunch, beer, and nominal prizes for lowest and second lowest team score, longest team putt, straightest drive, closest-to-pin, and two door prizes just for participating. The format is a four-person team scramble so it’s not necessary to be a good golfer. You don’t have to be a member of the Association to participate; friends and family are always welcome. If you’re interested in participating, contact Tony Farinacci at alfarina@att.com. **Contact Tony immediately if you’re interested in participating in the May 13 outing.**

**Bus Trip and Ride on Western Maryland Scenic Railroad**

Thanks to the 25+ people who responded to the email survey regarding preferences for the 2013 bus trip. The trips to the Newseum and New York city came in very low in interest. Both the Harrisburg area trip and the Cumberland trip scored high in interest with Cumberland edging out Harrisburg to be the winner. So – we are going to Cumberland to ride on the Western Maryland Scenic Railroad.
The date is **Thursday, July 18**. We will leave AAI at 8:00 AM and return around 6:30 PM. The train will leave Cumberland at 11:30 AM and go to Frostburg. At Frostburg you can visit the Thrasher Carriage museum (free with your train ticket), watch them turn the engine around, and/or explore Frostburg. The train re-boards at 1:45 PM for the return trip to Cumberland and is scheduled to arrive at 3:00 PM. The trip fee includes round trip bus and train transportation, lunch, and tips. We hope to make a quick stop at a produce market in Hancock on the way back. Since the trip is in July, we could experience extremely hot weather, so dress appropriately with hats, sunglasses, sunscreen, etc. More information on the train ride is available at [www.wmsr.com](http://www.wmsr.com).

The fee for the trip is $100.00 for members and spouses, $105.00 for other guests. Please invite friends and family members to join us so that we can achieve the minimum numbers to have the trip. A deposit of $50.00 is required by May 1 for each person going on the trip. The balance is due June 1. If participation is insufficient, your deposit will be returned. Please use the reservation form included with this newsletter to make your reservations. As with all trips, there is a possibility for changes in the details as final arrangements are made. Please contact Dick Weger at [jr.weger@ieee.org](mailto:jr.weger@ieee.org) or (410) 667 6295 if you have any questions.

**June Luncheon**

Join us at 12:00 on June 10 at Padonia Station (63 E. Padonia Rd., Timonium, MD 21093). The buffet luncheon will include chicken marsala, lasagna, shrimp scampi, rice, tossed salad, dessert, iced tea, hot tea, coffee, and soda. Cost is $15.00 per person members, $17.00 non-members. Please RSVP by June 1, 2013 using the form attached to this newsletter.

**Future Luncheons and Dinners**

A dinner meeting in being planned for August as is a luncheon for October. We also plan a repeat of our Shrimp Feast and Bull Roast on November 2, 2013. Details to follow.

**What They’re Doing Now**

**Driving Around the Edge of the Country in 35 Days**

On September 2, 2012, Mo Ranc and his companion, Judy Goughnour, left their home in York, PA, and headed north in their Corvette towards New York City to be in Times Square labor Day weekend. 35 days and 10,680 miles later they returned home after traveling around the entire edge of the United States, counter-clockwise. They were accompanied by their friends from the York County Corvette Club, Mike and Barb Boyer, in a second Corvette and later joined in Portland, Oregon by Joe Burger (retired AAI Manufacturing Director) and his wife Carol in their Corvette. Along the way they stayed overnight in 33 towns and planted York County Corvette Club flags at the four geographic corners of the US: Caribou, Maine; Bellingham, Washington; Coronado Island, California; and Key West, Florida.

Mo and Mike got the idea for this trip from a book, but the author traveled on the interstate highway system. Mo and Judy drove almost exclusively on state roads so that they could get a better feel for each
region. The trip was well planned out in advance, with the route and most hotel reservations in place before they started. Mo explained, “We planned our stops so that we’d average about 350 miles per day on the road.” Wouldn’t sitting in a car all day, day after day, be uncomfortable or boring? “Absolutely not,” Judy said, “the Corvette’s seats were like Italian leather lounge chairs.” And she was never bored. “Each day brought something new. If there wasn’t anything interesting to look along the road, I enjoyed just looking up at the sky.” Their Corvette is a convertible, by the way.

When asked about the best and worst parts of the trip, neither Mo nor Judy could think of a “worst part”. Mo said one of the best parts was the drive along the Pacific Coast Highway in Oregon and California. He also said Montana was striking. “The wheat fields were like a sea of gold.” Mo did admit that driving through Texas got a little boring. Judy commented, “The contrasts as you travel the country are amazing!”

This is not Mo’s first major road trip. In 2010 he, Judy, Mike and Barb drove from York to the beginning of the ALCAN highway, picked up Joe and Carol Burger, then drove to Alaska where he stayed at the B&B lodge operated by Dick Erkeneff (retired AAI President). In 2011, Mo and Judy spent a month driving around the Canadian Maritime provinces.

And more trips are coming. This June, Mo and Judy are driving with their Corvette club to Charlotte, where they get to drive five laps around NASCAR’s Charlotte Motor Speedway. In September, the club will participate in a Corvette show held on a carrier deck in Corpus Christi, Texas. That show is held every two years to benefit Wounded Warriors.

Mo’s current Corvette, a 2011 Grand Sport, is his fourth. It shares Mo’s garage with a 1973 Stingray. Mo has been a member of the York County Corvette Club since 2007. He retired in 2001 after 39 years at AAI, where his positions included President of AAI’s ESI subsidiary and VP of AAI Defense Systems.
Aerosonde® Systems Log 168 Flight Hours in the Antarctic

AAI Unmanned Aircraft Systems Aircrew Supports Meteorological Research Amid Brutal Winds and Temperatures

On October 22, 2012, AAI Unmanned Aircraft Systems announced today that its Aerosonde® Small Unmanned Aircraft System (SUAS) logged 168 flight hours in the frigid, harsh climate of Antarctica, supporting meteorological research by the University of Colorado's Cooperative Institute for Research in Environmental Sciences and Department of Atmospheric and Oceanic Sciences. Each Aerosonde aircraft was outfitted with meteorological instruments to measure pressure, temperature, relative humidity, winds, net radiation, surface temperature and ice thickness.

The University of Colorado team, led by Dr. John Cassano, is studying Antarctic polynyas, or areas of open water surrounded by sea ice. To learn more about this phenomenon, the crew directed the Aerosonde aircraft through low-level flights around 300 feet above the water's surface to measure wind speed, temperature and moisture in an area called Terra Nova Bay. Flights also included spiral ascents and descents to capture the atmosphere at various heights over the polynyas. Launching from an ice runway, the Aerosonde aircraft conducted beyond-line-of-site operations of up to 18 hours in temperatures as low as minus 37 degrees Celsius and winds up to 81 miles per hour.

"The crew and aircraft have really proven themselves in one of the harshest, least-forgiving environments possible for unmanned aircraft system operations," said Dr. Cassano.

This was the second successful deployment AAI Unmanned Aircraft Systems has conducted with the University of Colorado team. In 2009, a six-week exploration of the katabatic winds present on the coast of Antarctica allowed researchers to generate highly detailed, three-dimensional maps to help study their relationship to sea ice formation.

"Once again, Antarctica has proven to be an extremely challenging environment; however, this small group of dedicated professionals has demonstrated what is possible at the extreme edge," said Nick Logan, flight operations manager for AAI Unmanned Aircraft Systems' Australia-based strategic business Aerosonde Pty Ltd, which led the 2012 and 2009 Aerosonde SUAS deployments.

Award Follows 55 Months of 100-Percent Availability on Current Program

On February 14, 2013, AAI Logistics & Technical Services announced its selection by Naval Supply Systems Command Weapon Systems Support to provide PBL support for the EA-6B Prowler, E-2C Hawkeye, and C-2 Greyhound aircraft. The three-year base contract allows two one-year options and has a total potential value of $7 million over five years.

Based in Jacksonville, Fla., this program will provide logistical support for 110 hydraulic components utilized for the Prowler, Hawkeye and Greyhound aircraft. Services include forecasting demand, forecasting and scheduling repair activities with organic depots, managing and providing material in support of repair activities, warehousing, inventory management, and reporting.

"AAI Logistics & Technical Services has proudly served the U.S. Navy since 2005," said Senior Vice President and General Manager Diane Giuliani. "During that time, we've delivered superb results with greater than 98 percent availability over the life of the contract, and 100 percent availability for the past 55 months straight. AAI Logistics & Technical Services' PBL programs offer Department of Defense customers an opportunity to see immediate availability improvements for their legacy systems, with the affordability required in today's budgetary climate."

Highway Driving Simulator (HDS)

Ever wonder how the roadways you travel each day are designed? Or how new traffic configurations are tested for safety?

In late December, AAI Logistics & Technical Services was selected by the Federal Highway Administration (FHWA) to provide technical support for its HDS. The HDS allows the FHWA to conduct roadway safety studies.

AAI Logistics & Technical Services is helping the FHWA:

- Perform safety studies targeted at reducing roadway fatalities
- Visualize new roadway concepts and designs
- Test intelligent transportation infrastructure
- Conduct distracted driver and other driver behavior analysis
- Provide civil and traffic engineers with design guidelines for Uniform Traffic Control Devices
The AAI Logistics & Technical Services team has more than a decade of experience in this highly specialized area, and this is the third HDS service contract the company has earned from the FHWA. The team provides technicians and engineers, who specialize in keeping this complex simulator concurrent and program the 3-D visual scenarios for the studies being performed by the FHWA customer.

So the next time you’re traveling down a fast-paced highway, or negotiating a complex roundabout, think of the men and women hard at work using the HDS to help us all do so safely.

**In Memoriam**

We recently lost these members of the AAI family:

- Charlotte Gill  
  September, 2012
- Jim Taylor  
  December 21, 2012
- Fred Clement  
  January 6, 2013
- Howie Hancock  
  January 15, 2013
- Skip Ulrich  
  February 3, 2013
- Chuck Settles  
  March 11, 2013

**Feedback**

Give us your feedback. Please let us know how we can improve the association. What additional information or activities would be of interest to you? What or who would you like to see featured in this newsletter. Please contact either Association president Mark Rottenberg or newsletter editor Neil Bates with your ideas.

And please keep us up to date with your latest postal address, e-mail address, and phone number.

Retiree Association members help offset the expenses of the Association, and members get discounted prices to Association activities. For information on membership, please contact Lee Harris, 410-557-7619, hrr2010@aol.com.