



The Canaveral Flyer

A Newsletter of the Canaveral Section of ASME International

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& WEB Master

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Web Page:

<http://www.asme.org/sections/canaveral/index.html>

**ENJOY YOUR
SUMMER!**

Message from the Chair...

Greetings ASME Canaveral Section! I hope you all had a safe and happy Forth of July as you celebrated the freedoms we cherish here at home and it also gave us a chance to remember our military still serving abroad.

This newsletter will be a combination of looking back at the last month as well as looking forward into our new year of activities which start in August with our first Professional Development course of the year. We have restructured our board in an attempt to make us even more effective and reduce or remove the overlapping of functions we had in the past and create more opportunities for involvement by our membership. We have four main committees that will focus on Education, Membership, Industry/Professional Development, and Public Relations/Marketing.

Education will be led by Stephanie Hopper and will focus on K-12 outreach, interface with Florida Tech Student Section, minorities & women, and other volunteer opportunities such as science fair judging.

Leanna Konowicz will lead the **Membership** committee where we will focus on our demographics, honors, awards, scholarships, and help organize member contact via telephone or e-mail. We want to understand what you want from the section as members and do our best to provide that service to you while making you aware of the opportunities and rewards you can get by being actively involved in the section. Involvement on your part is open to your schedule and your interest so contact either Leanna or myself today to talk about how you can make a difference in the life of our section!

The **Industry/Professional Development** committee will be headed up by Scott Seigel. Scott and his team will continue to set up quality PD courses focusing on a variety of topics, also organize Industry events with local companies to promote ASME can do for them in professional and leadership training and other benefits of ASME involvement, and set up representatives at each of the major companies in the section to serve as liaison. You play a big part in what course get offered so please contact Scott today to let him know what type of courses you would like to see this coming year and also if you would like to get involved in helping to organize an event.

The **Public Relations/ Marketing Committee** lead by Faye Tomimbang will be busy getting the word out to our members through the newsletter, e-mail, web-page, and local journals about what is coming up in the form of technical meetings, guest speakers, plant tours, and social events. We want to provide the very best in all of these areas to continue to grow the value of ASME membership and get the word out about what we have been and will be doing as a section!

It is an exciting time for our section and I'm asking you to come on out and take part in it. Let's have some fun this year together!

We'll take a break for August in sending out a newsletter. The next edition will be out in early September but you are always welcome to check out our web site to keep current on upcoming events. Until then, have a safe and happy summer!

Dan Johnson

Preview of Coming Attractions

- ❖ July 19 Family Get Together Space Coast Stadium for Manatees Game
- ❖ August PD Course: Process Piping B31.3

Please see our web page for further information of these and other events coming up soon.

News from Education Committee

This upcoming year offers great opportunity for interaction in the area of education. In August there is the Space Coast K-12 Science Conference. This teacher in service day gives ASME a chance for one on one conversation with local teachers to see where we can support. E-mentoring via the web is just on thing ASME has to offer. The spring is a very busy time. E-week is the second week of February.

For Minorities and Women, the Cape Canaveral Section is endeavoring to make ASME a welcome home for all. In an effort to encourage inclusiveness and the participation of women and underrepresented groups several activities have been suggested, like a family day at the Brevard Zoo.

Please contact me if you are interested in talking at the local high schools or in Minorities and Women's interests.

Stephanie Hopper

News from Membership Committee

Hello. Your local ASME section has a new board structure in place for this next year. This should make your involvement in this local section more rewarding and tailored toward your growth as an engineer and member of the society. The biggest advantage is you can choose how much participation in the committee (marketing, industry, education, and membership) you'd like to devote some of your time and skills towards. Teamwork is the key in most jobs today and these committees are a great way to practice ideas or management skills in a less rigid environment.

Please contact me if you'd like to be more involved, make some professional contacts (and friends!), utilize a skill, help educate students about our field or have any questions on what is gained from becoming an active member. I would like to know what your interests are (i.e. what you'd like to get out of participating in our Canaveral ASME section) and how much responsibility you would like to have in upcoming events and projects.

Also, if there are things you would like to see more of, or you have a fabulous idea that our section should consider, please let us know what we should try out (of course this means we'll look to you a someone who can help us out on that aspect - even if it's just participation in an event suggested).

Remember is just takes a few minutes to ask me some questions about getting involved if you are just the slightest bit interested.

Leanna Konowicz

Another Canaveral notch on the Professional Development Bedpost!

WE'RE PROUD AND WE'RE LOUD! Our 2nd Cryogenics Fundamentals Course was held June 17-20th with resounding success as 16 members and soon to be members were in attendance. Membership Leader Leanna Konowicz sat in as Proctor-in-Training with our PD Chairman Scott Seigel. With the new organization, Scott will be heading up our Industry Relations Committee. Professional Development will come under his direction however **we need Proctors for our courses next year**. Your course fees are reduced or eliminated based on the number of preparatory hours involved and your involvement with the section: **Resulting in a significant reduction of cost** to you and your employer.

Course suggestions for next year are coming in rather slowly. Please E-mail/call Dan or Scott with your suggestions. seigels@asme.org

Right now we are working with ASME NY to arrange a course never brought to Cape Canaveral! Look for the news starting in August for this February course!

Scott Seigel

News from Public Relations/Marketing

The ideas for meeting, tour, and social events are coming in fast and furious and we are organizing them now to take place in the months to come. In August there will be a Professional Development class back by popular demand on B31.3 Process Piping. We are going to have a calendar of events set up on our web page so you can go there to keep current on upcoming events within our section. We hope to have links to other Canaveral Council of Technical Societies activities so we don't have to flood you with e-mails as word comes out.

Contact Faye Tomimbang with topic ideas or to find out more about how you can take part either through attendance or helping to organize.

Canaveral Section neck and neck with Florida West Coast Section for Best Regional Section Award

The results aren't all in yet but it appears to be a dead heat between the Canaveral Section and FWCS for BEST REGIONAL SECTION AWARD 2003. Last year we earned Best Region XI Section by a mere 4 points and went on to win the whole worldwide award... again. However this year it is a bit different as Hugh Bain was called off to war, Tim Ehlers left for personal reasons, Jeff Hopper being injured by the DC snipers, Will Judd involvement in Texas with the Columbia Accident, and other setbacks that the Canaveral Section Elite Leadership had to overcome but... IS IT ENOUGH TO RETAIN OUR STATUS AS BEST SECTION IN THE INFAMOUS REGION XI?

Previous to last year, three consecutive years has never been done by a Section in the Region let alone on the International level. The Canaveral Section, as you are aware, has earned Best Section Award, Regionally and Nationally, 3 consecutive years.

We on the Canaveral Section Executive Board would like to think that our struggle this year to overcome so many obstacles has not been in vain. We think... WE KNOW THAT THE CANAVERAL SECTION IS THE BEST SECTION IN THE REGION. This year, awards are given the first weekend of August in Tallahassee. More news as it happens...

Scott Seigel

Thumbnail Bios

The Canaveral Section has some mighty interesting members and it is planned that this column will feature one or two in each issue.

The first, we regret to say, just recently passed away from a fast-spreading cancer. That was Ed Holden who chaired our retired engineers' group in Vero Beach from its inception two years ago. Ed, an ME graduate from Duke University in Chapel Hill, worked for Babcock & Wilcox, Burns & Roe, and for the last fifteen years prior to his retirement, for General Foods. As a member of the Central Engineering group based in Tarrytown, NY, Ed, a P.E., was the Group's expert consultant on power generation, boilers, and pressure vessels. As such he frequently traveled to General Food plants around the world including India, China, Mexico, Korea, France, and Germany.

A boating and fishing enthusiast, Ed was in his element here in Florida.

Ed leaves a wife, two sons, a daughter, and several grandchildren. Our deepest sympathy goes to them all.

Another interesting member is Tal Webb. Tal, a true native Floridian, born and raised in Miami, naturally went to the University of Florida for his ME degree. From graduation on, Tal's entire working career was in the aerospace and he's one of the few, if not the only individual who worked on all six of the U.S.' manned flight programs - Mercury, Gemini, Saturn-Apollo, Soyuz, Skylab and Shuttle. Tal's employers have included: Douglas, Convair, McDonnell, Rockwell, Lockheed Martin and the United Space Alliance, (USA). It sounds like a lot, but in the early days of the space program, and even today, there were and are frequent contract changes, numerous mergers, and joint ventures.

Through it all Tal moved up swiftly Design Engineer, on Thor; Assistant Engineering Supervisor on the Atlas E & F activation program, next, Group Engineer/ Test Conductor on Saturn, Orbiter/ Shuttle TC; then to Lockheed's Manager of Shuttle Launch Operations; next, Director of Operations and, finally, USA's Director of Systems Support and Operations responsible for the activities of over 1,200 employees at Kennedy Space Center.

In addition to his working career, Tal, a P.E., has always been a strong booster and very active in the professional arena including Chairing the ASME Canaveral Section, Chair of the Canaveral Council of Technical Societies, (CCTS), a member of ASME's National Member Interests Board, a member for many years of the Region XI Operating Board and recently, Vice President of ASME's Region XI. Also, from time to time, Tal has taught college-level courses at several of the local colleges. A winner of numerous honors and awards – Fellow Grade in ASME and CCTS Engineer of the Year, for example, Tal has been especially honored by the Canaveral Section by having an Annual Award to an outstanding local leader in Aerospace identified as the "J. Tal Webb Award"

Tal's wife Nina, who has been wonderfully supportive of him over the years, is no slouch herself - a former teacher with a PhD in Education, Nina is currently National President of the ASME Auxiliary! The Webb's have two sons, a daughter, and enough grandchildren to more than fill their lovely home nestled in an orange grove on North Merritt Island.

Jack Wiles

June Tour of Harris Customer Briefing Center

We had 11 people show up for the tour of the Harris Customer Briefing Center in June. The hour long tour started with a video on the different Harris Operations and then lead into a tour of the variety of products offers as a company. Some of the highlights included 3-D digital mapping capabilities, terrestrial communications terminals, fingerprint identification software used by law enforcement, and Harris as being the industry leader in high definition television broadcast equipment. If you were not there then you missed out on another great opportunity to learn more about one of our local companies.

ASME's New "Continuity and Change" initiative

ASME today unveiled a new "Continuity and Change" initiative at the Summer Annual Meeting in Atlanta.

Through a new initiative called "Continuity and Change," ASME is allocating a significant amount of time and resources to redirect itself as a knowledge-based, market-focused, learning organization. This forward-looking process pulls together the necessary tools for an analysis that will generate recommendations to enhance ASME's operational structure. The goal is to develop a more agile, responsive and accountable organization. A series of top-level leadership meetings was held over the last several days at the Summer Annual Meeting in Atlanta to introduce this new initiative. Representatives of Arthur D. Little, a consulting firm hired by ASME, have started interviewing the volunteer leadership and staff.

Since January, a number of special task forces of the Board of Governors have been studying ASME's operating processes, including marketing strategies, organizational structure and budget modeling. Today, preliminary reports are being presented at the BOG meeting and a Web site is being launched, providing background on the process and unmoderated discussion forums. The process is designed to encourage participation from both volunteers and staff, with a particular emphasis on the months between Congress 2003 and March 2004. You are invited to participate in this process between now and Sept. 1, by going to the unmoderated discussion forums at <http://www.asme.org/change>

During this time period, a set of recommendations will be formulated, based on these simultaneous studies. Both volunteers and staff need to be informed about and give feedback on the recommendations, so that they can be finalized by the Board of Governors at its March 2004 meeting.

ASME is striving for an open, respectful, participatory process that sustains its core values and core assets, while looking to improve its operating structure and become a more responsive engineering society. The Society intends to provide continuity in our products and services and maintain the current high levels of opportunity, trust and respect between volunteers and staff. More information will be available as the studies progress. Regular updates can be found at <http://www.asme.org/change>

Reginald I. Vachon
President, 2003-2004



ASME Canaveral Section

What:

Year End Family Get Together Brevard Manatees vs. Vero Beach Dodgers

[Contingency Plan in Case of Rain Out](#)

**[Meet at the Space Coast Ice Plex in Rockledge at 7:30
for ice skating from 8:00 to 10:00 PM](#)**

When:

Saturday, July 19 at 7:00 PM

Where :

Space Coast Stadium

Cost:

\$6.00 per person gets you in the gate

From the North:

Take I-95 to Exit 195 (Fiske Boulevard), take a left on Fiske Boulevard and follow it around to Space Coast Stadium.

From the South:

Take I-95 to Exit 191 (Wickham Road), take a left on Wickham Road and follow it until Lake Andrew Drive. Take a right on Lake Andrew Drive and follow it to Stadium Parkway. Take a right on Stadium Parkway. Space Coast Stadium will be on your left.

Contact Info and RSVP:

Dan Johnson at 729-3686 or djohns08@harris.com to let us know if you will be there

ASME B31.3 Process Piping August 18 -21, 2003

ASME Canaveral Section Professional Development Course

WHAT YOU WILL LEARN

The lack of commentary, or historical perspective, regarding the B31.3 Code requirements for process piping design and construction is an obstacle to the designer, manufacturer, fabricator, supplier, erector, examiner, inspector, and owner who wants to provide a safe and economical piping system. This intensive four*day course, through the use of hundreds of examples shown and personal experiences of the instructors demonstrates how the B31.3 Code has been correctly and incorrectly applied. This seminar explains the principal intentions of the Code and why the Code is not a handbook. Attendees come away from this seminar with a clear understanding of how piping systems fail and what the Code requires the designer, manufacturer, fabricator, supplier, erector, examiner, inspector and owner to do to prevent such failures.

The focus of the seminar is to enhance participants' understanding and application of the B31.3 Code. Instruction is further enhanced by in-class problem solving, directly applying the rules and equations of the B31.3 Code for specific design and operating conditions to illustrate correct applications.

WHO SHOULD ATTEND

Piping engineers and designers who need an understanding of the requirements for compliance and the trends of Code changes for piping design and analysis, fabrication, examination, and testing.

SPECIAL REQUIREMENTS

Bring the latest edition of the ASME B31.3 Process Piping Codebook as well as a calculator.

COURSE HIGHLIGHTS

- Piping code history and basic philosophy of piping design criteria
- Pressure design: wall thickness calculation; area replacement
- External loads design: flexibility; fatigue; stress intensification factors; combined loads (sustained wind, earthquake); cold spring
- Pipe support design: support types; assumptions; load combinations; variable supports; lugs and attachments
- Systems piping: pressure relief, piping; pipe and piping component limitation
- Materials, fabrication, examination, inspection and testing

ABOUT THE INSTRUCTORS

Glynn E. Woods, P.E., Course Director, is a consultant with experience in piping design, stress, supports, and failure analysis as well as piping component design, analysis and testing. For more than 20 years, he has been providing this expertise for both new and operating petrochemical and power plants using computer evaluations and field experience in arriving at safe, economical piping designs and solutions to piping problems. Mr. Woods is a member of ASME B31.3 Process Piping Committee and the ASME B31 Mechanical Design Committee.

Ronald W. Haupt, P.E., is a Consulting Piping Engineer and Founder of Pressure Piping Engineering Associates, Inc. He has over 40 years of professional experience in the design and analysis of industrial process and energy-related structures, equipment, piping, pipelines, and supports. Mr. Haupt is a member of the ASME B31 Pressure Piping Standards Committee, the B31.1 Power Piping Section Committee, B31.3 Process Piping Section Committee and other ASME national codes and standards committees.

This course will be conducted by either Glynn E. Woods or Ronald W. Haupt.

4 Days/2.8 CEUs/28 PDHs

Cost: \$1,595 per student (\$1,495, if payment received prior to July 21, 2003)

Call Scott Seigel, ASME Canaveral Section Professional Development Chairman @ 321-757-0486 to Register, seigels@asme.org

Class Location: Cocoa Beach Hilton

Scott E. Seigel, C.E.M.
Mobile: 321-508-3380



**AMERICAN SOCIETY
OF MECHANICAL
ENGINEERS**

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