



Sarasota-Bradenton Section **NEWSLETTER**

**SUGGEST A NAME FOR THIS NEWSLETTER AND YOU
COULD WIN A PRIZE.....SEE PAGE 3**

Volume 1, Number 1

August, 2007

2007-2008 Board Of Governors

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LETTER FROM THE PRESIDENT



The new ASHRAE year is well under way! Our year started July 1st and runs through June 30th. Your Board Of Governors (BOG) has been selected and has already started planning for the upcoming year. In fact, we had our first Section meeting on July 12th. Look in this newsletter for a review of the meeting.

If you have any suggestions that could improve our Section or have interest in being a part of the BOG, let me or other Board members know.

Some of my goals for this year are to provide quality programs, have a special event and get the newsletter off the ground. By doing these things, our membership will increase possibly creating the need to become our own Chapter.

In order to cover any program or event expenses, we have started charging dues. Payment of these dues (\$20 annually) makes you an official member of the Sarasota/Bradenton Section. Note that this is separate from ASHRAE national and ASHRAE Florida West Coast. Read Debra's Membership Report for more information.

Our next Section meeting is on September 13th at Selby Library in Sarasota. Jerry Dohse, P.E. and Brent Sondgerath from Quality Building Controls will be speaking about the application of HVAC control strategies. Read the rest of this newsletter for more information on this and other items that will be of interest to you. See you at our next meeting!

Sincerely,

Erick Phelps, P.E.
President, Sarasota/Bradenton Section of ASHRAE

MEMBERSHIP REPORT

By Debra Ingram

What an exciting time for us! The fellowship shared and the opportunities to work with the leaders in our industry, followed by the insights gained from my ASHRAE colleagues have been invaluable. We would like to thank the following members for their support of our membership initiative: Jerry Abrams, Randy Abrams, John Anderson, Mark Anderson, Christopher Baker, John Camden, Matthew Camden, K.C. Clem, Mike Cotten, Scott Coy, Matt Flanigan, Melvin Franzel, Jerome Greenstein, Debra Ingram, Ron Leonard, Bruce Loeppke, John Miller, Ross Montgomery, Erick Phelps, Sidney Pritchard, Walter Ratai, David Raynor, William Robertson, Brad Schlabach, Ron Schwied, John Siegenthaler, Dennis Stroer, Stan Weaver, Dave White, and Bryan Zapf.

If you have not had an opportunity to forward your membership form along with your dues to Mel, please do so now. If you have misplaced the form, please do not hesitate to call or email me for a replacement. Dues for 2007-08 are \$20 per person. These dues are necessary to meet the current operating expenses of this Section. As we continue to grow and expand, the dues will help towards management fees for our functions and help to offset the costs associated with our meetings and functions throughout the year. We want to enhance our programs and entice excellent speakers to present to us. It is used primarily to increase the quality of our meetings.

NATIONAL ASHRAE MEMBERSHIP

By Debra Ingram

Email: debra@flhydronics.com

If you would like to join National ASHRAE, I would be honored to also forward to you the application form and sponsor your application. With your paid membership, you will receive the ASHRAE Journal along with the collective resources of the handbooks, standards guides, design guides, educational programs, and technical presentations. It is the growing and dynamic body of technical knowledge that drives each of us forward. There are three main grades in ASHRAE – An Affiliate Member, An Associate Member, and a Member. I would be more than happy to explain the different levels of membership with you.

Have you been an Associate Member for a long time? Then upgrade now! Upgrading your membership won't get you any more perks, but it will help out our local chapter and get your name published in the ASHRAE Society Newsletter!

Active membership offers enormous potential for personal and professional growth throughout a person's career. A member's opportunity to expand their technical knowledge base and to network with other professionals - the best and the brightest of our industry working together – is what we are here for. COME JOIN TODAY!

TREASURERS REPORT

By Melvin Franzel, P.E.

This is our first year as a dues paying non-profit organization. The purpose of requesting dues is to show your interest in making our ASHRAE section both interesting and enjoyable. So far you have shown your interest and it is now up to us to make it interesting and enjoyable. We are proud of our success thus far and we know we can keep up your interest and, hopefully, make all of you an important part of our section.

We currently have \$600 in our bank account and the entire account represents dues paid by the above 30 members. We have had no expenses thus far.

As stated above, we anticipate that our dues will enable us to have some enjoyable out side activities which Dave White will tell you about.

SPECIAL EVENTS

By Dave White

Our Sarasota section is continuing to grow and it's time to start planning special events! We're in the very early stages of planning our first golf tournament for Winter or Spring of 2008. As this will be our first event of this kind, I will be looking for any additional assistance available to make this event a success. We're also looking to add other types of social events to our calendar so feel free to contact me with suggestions for future events or to help out with the golf tournament.

Also, to assist with planning, please send me the dates for other tournaments that you may be participating in so that we can avoid scheduling conflicts.

I look forward to this year as we plan more special events and add more networking opportunities and chances for us to get out and have a good time together.

Dave White

Email: dave@gulfcoastmechanicalsales.com.

NAME OUR NEWSLETTER...

Join us in suggesting a name for this newsletter...If your name is selected, you will win a FREE DINNER at our upcoming dinner meeting early next year...A \$35 value..and you will also get recognition in our circle of contacts as being an active member of our ASHRAE Section. The name should be connected with our particular industry. To enter a suggestion, please Email me at the address below before October 1st...Our next newsletter will be published in October and we want to use our new name at that time.

Melvin L. Franzel, P.E.....envirintl@aol.com

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RECENT MEETING REPORT

OAK PART SCHOOL, SARASOTA COUNTY SCHOOL DISTRICT
ASHRAE SECTION MEETING JULY 12, 2007



The Oak Park project included the complete replacement of the HVAC system, the construction of new classrooms and a new pump room.

Presentations were made by the following:

Ron Forney, PE, Forney Engineering
Ron Schwied, PE. Sarasota County School Board
Taylor Aultman, Willis A.Smith Construction

Mr. Schwied described the bidding process used for this project from the original legal advertisement to the selection of the team members. He also reviewed the complex project phasing which was designed to permit full school operation with a minimum amount of discomfort for the students and staff.

Mr. Forney described the design philosophy which included a new chiller, pumps, air handling units and a completely new chilled water distribution system. The chiller is air cooled, which does not require a cooling tower. The majority of the air handling units are multizone with a separate outside air section. The administrative area units are variable air volume with a separate outside air section.

Mr Aultman talked about the construction schedule and the various challenges and opportunities for unique solutions.

A walking tour through the facility was an opportunity to get an up close view of the mechanical rooms and the new pump room. The system design allows for future incorporation of a thermal storage system consisting of ice tanks and heat exchanger.

An interesting evening was had by all 26 members in attendance.

By: Jerry Abrams, Forney Engineering

OUR NEXT PROGRAM

“Building Systems Integration and Application of HVAC Control Strategies”

Presented by Jerry Dohse, P.E. and Brent Sondgerath from Quality Building Controls in Tampa.

Jerry is the President and founder of Quality Building Controls (QBC). He started QBC in 1997 and it has grown to be a \$4 million company with engineering and technical capabilities. Jerry graduated from the University of Wisconsin with a Mechanical Engineering degree and is a licensed engineer in the state of Florida. Before starting QBC he worked for Johnson Controls as a Systems Application Engineer for nine years. QBC provides turnkey solutions for the building environment from engineering and installation to service and repair.

Brent has been employed with Quality Building Controls (QBC) since 2002, and is currently the Technical Sales Representative. He is a graduate from ITT Technical Institute with an Associates of Applied Science in Computer Aided Drafting and Design (CADD). His experience includes work with water and wastewater pump controls; irrigation pump controls; and building plant - chiller, tower and boiler controls. Information and Communication Technology (ICT) functions include computer networking; database systems design; and systems management of HVAC related equipment and systems. He is also the team leader for BAS Systems In A Box™, a standardized control system of HVAC-related equipment for the Florida region.

TIME – 6PM

LOCATION – Geldbart Auditorium at Selby Library in Sarasota

LOCAL NEWS AND EVENTS

Bill Robertson has successfully obtained his degree in Mechanical Engineering from USF. Bill works as a Technical Engineer for Custom Air, Inc.

After ten years with Cortez Heating & Air Conditioning, Inc., **Erick Phelps** has decided to take a mechanical engineer position with Smith Seckman Reid, Inc. in their Sarasota office.

ATP Engineering South announces the addition of **Mathew Camden**. Mathew earned his BS degree in Mechanical Engineering at Purdue University in 2000 and is currently attending USF and is a student member in ASHRAE..

UPCOMING MEETINGS

- ❖ **Sept. 13, 2007...6 to 7PM**, Selby Library, Gelbart Auditorium, Sarasota. “Building Systems Integration and Application of HVAC Control Strategies”....Jerry Dohse, P.E. and Brent Sondgerrath from Quality Building Controls, Tampa. 6 to 7PM
- ❖ **November 13, 2007 6 to 7PM**, Selby Library Conference Room, Second Floor. THERMAL STORAGE, by Bob Wegman of Calmac Mfg. Corp..
- ❖ **January 10, 2007** (location to be determined) Outside Air Systems
- ❖ **March** (date and location to be determined) Joint meeting with MACCA.