



The THERM

Fort Worth Chapter of ASHRAE Newsletter

Chapter Meeting

Wednesday

May 17, 2006

Petroleum Club

BOG.....10:45 A.M.
Lunch.....11:30 P.M.
Meeting...12:00 P.M.

“This year’s CRC was held last week in Cancun. Our chapter was well represented. I can safely say that it was the most enjoyable CRC I have ever attended. The hotel was beautiful, the weather was great and it was Cancun...what else do I have to say.”

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www.ashrae-ftw.org

May 2006

Volume XLVIII, Issue 10

President’s Message



Hello members of the Ft. Worth Chapter of ASHRAE! Another month has come and gone and the end of the chapter year is drawing near. April was a very busy month for the chapter and May will have some important events also. Your chapter leadership has already begun making preparations for next year with the selection of nominees for Committee Chairmen, BOG and officers.

I enjoyed seeing everyone at the chapter meeting last month and I hope everyone took something useful away from Mr. Boston’s presentation on boiler installations. This month’s presentation should be very informative also. The speaker will be Mark M. MacCracken. Mark is the CEO of CALMAC Manufacturing Corporation. His presentation will be on thermal storage myths. Mr. MacCracken’s company has been involved in over 3,000 thermal storage systems in 35 countries.

Some important decisions were made at last month’s meeting. Once again, the chapter will be providing scholarship money to some area students. Tony Finch will be distributing applications which will be evaluated next fall. Hopefully, a couple of deserving students can be selected. Also, the chapter will be making a contribution of \$750 this year toward ASHRAE Research. This is a very important aspect of ASHRAE and this money is put to good use. In addition, the chapter will be depositing \$250 in a CRC Fund account to help offset the cost of the next CRC that the Ft. Worth chapter hosts.

This year’s CRC was held last week in Cancun. Our chapter was well represented. I can safely say that it was the most enjoyable CRC I have ever attended. The hotel was beautiful, the weather was great and it was Cancun...what else do I have to say. Our chapter was recognized at the awards ceremony for our efforts in Research Promotion and chapter achievements as well as other areas. Next year’s CRC host will have a hard time beating this year’s event.

This month’s meeting is a very important one. Nominations were made at last month’s meeting for the incoming chapter Officer’s. We will vote this month so please make every effort to attend. We will hold our annual Sporting Clays event on the 12th and Golf Tournament on the 22nd of this month. Entry forms can be found on the chapter website. These events are a lot of fun and the money goes directly to Research get your teams together and make plans to attend.

I hope to see everyone at the meeting this month. Please remember to RSVP to me by the **15th** at johnm@texasairsystems.com.

Everyone is encouraged to visit the Ft. Worth Chapter website at <http://www.ashrae-ftw.org> for a variety of useful information such as current and past newsletters, monthly meeting schedule and links to other chapters.

Sincerely,
John Maryak, E.I.T.
Chapter President

May Program "Thermal Energy Storage Myths"

Speaker: Mr. Mark MacCracken, CEO of CALMAC Manufacturing Corporation, whose main products are used for off-peak cooling of buildings using Thermal Energy Storage. In his 25 years with the firm, he has been involved in all aspects of the company including, R&D contracts, patents, manufacturing, marketing and finance. He was the principal investigator on research projects with Oak Ridge National Labs, NASA and National Renewable Energy Research Lab.

Mr. MacCracken's company has been involved in over 3,000 thermal storage systems in 35 countries. He has three U. S. patents, is a licensed Professional Engineer in the state of New Jersey and has written numerous technical articles. He is the former Chair of ASHRAE's Thermal Storage Technical Committee, the current Chair of ARI's Thermal Energy Storage Section, a Board Member of the New York Chapter of the U.S. Green Building Council, and an active member of the International District Energy Association and the Alliance to Save Energy.

Board of Governors Meeting Minutes

April 19, 2006

BOG Reports:

Attendees: John Maryak, Sid Ellis, Cody Pace, Don Hardin, W.O. Kelly, Tony Finch, Richard Long and Rick O'Connor

Meeting called to order 10:45am by John Maryak, Chapter President.

- John put together the nominating committee for BOG and new Treasurer.
- Candidates selected for review and vote by the chapter are Jay Martin, Treasurer, and Buddy Pace Board of Governors.
- Reports:
 - President-Elect: Sid Ellis
 - Los Vaqueros Restaurant has been selected for our Past President evening. Need a check for \$150 for the deposit.
 1. Planning on about 50 attendees
 2. 6:30-7pm Social
 3. Dinner from 7-9pm.
 4. Bobby Bragan, baseball legend will be guest speaker
 5. Cost for event will be \$20.00/pp.
 - **Secretary:** Roster has been printed. About 50 hard copies are available for chapter members. Roster is also on the website in PDF format.
 - **Treasurer:**
 - Current balance is \$4171.37 as of 4-19-06.
 - **Board of Governors:**
 - **Committee Chairs:**
 - **Membership Promotion:** No Report
 - **Student Activities:** Tony Finch updated BOG on UTA student projects. Tony said that students must turn in final reports by May 5, 2006.
 - **Chapter Technology Transfer:** No Report
 - **Research Promotion:**
 - Golf Tournament will be scheduled for May 22. Will be held at White Stone. Sporting Clays has been scheduled for 5-12-06 at Rock Creek Range. Cost is \$100/shooter. Includes Lunch starting at 11:30am.
 - Ft. Worth chapter is **behind our goal**, so a calling committee will be set up to contact membership to support ASHRAE Research.
 -
 - **Refrigeration:** No Report





- **Honors and Awards:**
 - Don Hardin looking into criteria for chapter service awards. Don will put new criteria on web-site.
 - Wayne Frazell's application for the Distinguished Service Award has been accepted.
 - Submit John Rhodes for Awards at CRC. Chapter Service Award and Regional Award of Merit.
 - Don Hardin putting in his application for Chapter Service Award.
 - Please look into the award criteria and see if "You" qualify.
 - Need Volunteers for Winter Meeting in Dallas, January 2007. See Don to sign up.
- **Newsletter:**
 - Will try to keep adding more pictures to Therm. Plan to include pictures for Region VIII CRC
- **Webmaster:** No report

New Business:

- PAOE Points must be in prior to CRC.
- Sid Ellis (Delegate) and Rick O'Connor (Alternate Delegate) will attend the CRC and represent the Ft. Worth Chapter in Cancun.
 - Any motions that Ft. Worth Chapter wants to submit must be to Sid and Rick by April 19, 2006.
- John Maryak made a motion to have (2) \$500 scholarships. Scholarships will be for the Fall 2006-2007 school year. (2nd by Sid Ellis) Motion Passed by unanimous vote. Vote on students during August 16, 2006 meeting.
- John Maryak made a motion to add additional funds to our CRC Account. This account is for the next Ft. Worth CRC. The motion was for \$250. (2nd by Sid Ellis) Motion passed by unanimous vote.
- John Maryak made a motion to donate \$750 to Research Promotion. (2nd by Rick O'Connor) Motion passed by unanimous vote.
- Don Hardin will set up a meeting with the upcoming treasurer to turn over the existing CRC Account.
- Adjourned 11:22am

Chapter Meeting Minutes

April 19, 2006

Meeting called to order at 12:00pm

- John Maryak, chapter President presiding. John welcomed everyone with (41) members and (9) guests.
- Rick O'Connor introduced guests
- Members did self-introduction.
- The meeting minutes were approved from last month by W. O. Kelly
- Our speaker was introduced by Bruce Bonham with the Ashcraft Company

April 19, 2006 Program "Real World Boiler Installations"

Presented by: Mr. Stirling Boston, Regional Manager Lockinvar Corporation

Mr. Boston is a graduate of University of Texas at Dallas, is currently pursuing a Masters Degree at Dallas Baptist University, and has been involved in domestic water and hydronic heating boiler systems for 11-years. He travels an eight state region for Lochinvar assisting engineers, contractors, facility owners and Lochinvar representatives with training and education as well as system design and analysis. Mr. Boston also teaches a class titled, "Advanced Boiler School" at Lochinvar University in Lebanon, TN.

This presentation is designed to provide the hydronic heating system designer with "do's and don'ts" to achieve a Sound boiler system design that meets the requirements for commonly used low mass boilers. The important Subjects of hydronic piping lay-out, water flow requirements, and water temperature requirements, along with Piping Schematics was presented.

- **Next Months program will be:**

- o Mark M. MacCracken is the CEO of CALMAC Manufacturing Corporation, whose main products are used for off-peak cooling of buildings using Thermal Energy Storage
- Contact Jay via email at Jay.Martin@c-b.com regarding this or any of our previous speakers.

New Business:

- Reminder to register for CRC held this year in Cancun.
- CRC registration will be a link in the Therm.
- Please see Don Hardin if you would like to be a volunteer for the Winter meeting. Volunteers will have a **4-hour shift and will receive a FREE registration.**
- John Maryak gave the results of the Nominating committee for the 2006-2007 Chapter year.
 - o Jay Martin Treasurer (**nominated**)
 - o David James (Secretary)
 - o Rick O'Connor (President-Elect)
 - o Sid Ellis (President)
 - o John Maryak will become Research Promotion Chair
 - o Buddy Pace Board of Governors (**nominated**)
- Membership will vote on the nominations at the next meeting held on May 17, 2006.
- **REMINDER******Past Presidents night will be held at Los Vaqueros Wednesday evening June 21.
 - o Los Vaqueros Restaurant has been selected for our Past President evening. Need a check for \$150 for the deposit.
 - 6:30-7pm Social
 - Dinner from 7-9pm.
 - Bobby Bragen, baseball legend will be guest speaker
 - Cost for event will be \$20.00/pp.

Meeting adjourned 1:00pm



Programs Committee

Jay Martin

Thermal Energy Storage, used for Off-Peak Cooling buildings, has a long history around the world. The technology's application in commercial cooling has evolved and improved over the past two decades; however, myths continue to keep it from becoming a staple in energy efficient building design. This talk covers some of the myths surrounding Ice-based TES.

Editor's Note

Sid Ellis

If anyone in the Chapter has information which they would like to have included in the Therm, please contact me at (972)206-2590 or email me at sellis@enviromaticsystems.com. The information should pertain to the Chapter, its members, Region VIII or Society.

RSVP for this month's Chapter meeting at johnm@texasairsystems.com

Treasurer's Report

David James

Meeting Information:

Date of Meeting:	4/19/2006
Members	41
Guests	9

Total: 50

Financial Data:

Starting Balance:	\$4,983.50
Deposits:	
Luncheon Receipts	\$1,000.00
Dues	\$ 350.00
Roster	\$ 175.00
Interest on Checking	\$ 0.40

Subtotal \$1,525.40

Payments:

Petroleum Club Luncheon	\$ 875.20
Petroleum Club Parking	\$ 209.00
Kinko's (Roster)	\$ 853.53
Cody Pace (Golf Dep.)	\$ 100.00

Subtotal \$2,037.73

New Balance as of 4/19/06 \$4,471.17

Chapter Officers

President	John Maryak	(817) 281-6165	johnm@texasairsystems.com
President-Elect	Sid Ellis	(972) 206-2590	sellis@enviromaticsystems.com
Secretary	Rick O'Connor	(972) 323-5322	rick.o'connor@tac.com
Treasurer	David James	(817) 921-5434	djames@haroldjames.com

BOARD OF GOVERNORS

W.O. Kelly	(817) 714-0504	wok59ag@aol.com
Dee Gipson	(817) 441-9942	d.gipson@sbcglobe.net
Cody Pace	(817) 336-0543	cody.pace@mail.ashrae.org

COMMITTEE CHAIRS

Attendance	John Maryak	(817) 281-6165	johnm@texasairsystems.com
Student Activities	Tony Finch	(817) 281-6165	tonyf@texasairsystems.com
CTTC	Jay Martin	(817) 735-6756	martinjw@c-b.com
Historian	Richard Long	(817) 878-4242	rl@summitmep.com
Membership	Garrett Brown	(817) 878-4242	gsb@summitmep.com
Resource Promotion	Cody Pace	(817) 336-0543	cody.pace@mail.ashrae.org
Newsletter Editor	Sid Ellis	(972) 206-2590	sellis@enviromaticsystems.com
Refrigeration	Randy Morrison	(817) 624-0820	rmorrison@mortx.com
Honors and Awards	Don Hardin	(817) 292-6904	dchardin@swbell.net
Webmaster	John Rhodes	(817) 336-0543	jrhodes@fribergassociates.com



Got questions?

Your Chapter Officers are available to help you.

ASHRAE News

ASHRAE to Renovate Headquarters as Sustainable Building

ASHRAE is studying how to renovate its headquarters in Atlanta as a sustainable building. The renovation committee envisions creating a "living lab" where ASHRAE technical committees can conduct research projects on energy efficiency and conservation. The Society has selected an Atlanta-based architectural firm to develop a schematic design and has created a Web page to chronicle the progress of the project. The schematic design is scheduled to be completed by June.

CFCs Decrease Despite Increase in Greenhouse Gases

WASHINGTON, D.C.—The amount of emitted chlorofluorocarbons from refrigerators and air conditioners decreased in 2005, according to the U.S. National Oceanic and Atmospheric Administration's Annual Greenhouse Gas Index, released May 1. The total amount of greenhouse gases increased by 1.25% in 2005. Methane emissions leveled off from 2004.



Announcements

Fort Worth ASHRAE will be holding a Sporting Clays Tournament

Friday - May 12, 2006 @ 1:00PM

Rock Creek Range

8137 South Highway 1902

Joshua, Texas 76058

Format: 5-Person Team Scramble: Revised format; team score will include two stations shot by each team member. Course Marshall to choose stations at 1:00 PM, after all teams members have been submitted

Cost: \$100.00 per shooter, including Mexican Taco Bar Lunch. Lunch served from 11:30 to 12:30

Contact Gary Fields for more information on this event

garyf@texasairsystems.com

Fax: 817-577-9787

Phone: 817-281-6165



Announcements Continued

Fort Worth ASHRAE Annual Golf Classic

Monday – May 22, 2006 @ 1:00PM

Whitestone Golf Club

10650 Hwy 377 South

Fort Worth, Texas



Format: 4-Person Florida Scramble, Shotgun Start at 1:00 PM
 Cost: \$90.00 per Player, Includes ½ Cart, Range Balls, Golf, Meal, and Awards
 Award: First, Second, Third, and D.A.L. Teams
 Special Contest: Longest Drive, Closest to Pin
 Hole-In-One: \$10,000 (\$5,000.00 to Player and \$5,000.00 to ASHRAE Research)

Mail or Fax Entries To: Cody W. Pace
 Friberg Associates, Inc.
 206 E. 8th Street, Suite 300
 Fort Worth, Texas 76102
 (817) 429-0119 Fax

We have several of our own members that will be one year older during the month of May. Give them a call and wish them a happy birthday.

Month	Day	Name	Month	Day	Name	Month	Day	Name
5	1	Maurice McCall	5	11	Leo Lane	5	19	Bret Romero
5	1	Craig Adams	5	14	William Williams	5	21	Sean Rath
5	4	Wallace Geiger	5	14	Steven Williamson	5	22	Walter Raynaud
5	7	Frank Myers	5	15	Tim Maltz	5	22	William Spears
5	7	Michael Paul	5	16	Billy Witte	5	24	Michael Elliott
5	7	Jerry Garcia	5	18	David James	5	25	Fred Minelli
5	10	Joe Lyles	5	18	Arthur Giesler	5	31	John Pipes



Region VII, CRC, Cancun



Region VII, CRC, Cancun

**Fort Worth Chapter
of ASHRAE**

Chapter Meeting
May 17, 2006

BOG 10:45 A.M.
Lunch..... 11:30 A.M.
Dinner.... 12:00 P.M.

Petroleum Club
777 Main St.
Fort Worth, TX 76102
E-MAIL:
sellis@
enviromaticsystems.com

We're on the Web!
See us at:

www.ashrae-ftw.org



2005-2006 Meetings
Petroleum Club 39th Floor
Wednesday May 17, 2006
10:45 A.M. BOG
11:30 A.M. Lunch
12:00 P.M. Meeting
This month's chapter meeting "Thermal Energy Storage
Myths"



SID ELLIS, JR.
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Grand Prairie, Texas 75052
sellis@enviromaticsystems.com

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